

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111245.D
 Acq On : 10 Dec 2018 16:39
 Operator : JU/SJ
 Sample : PB115384BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Quant Time: Dec 11 03:56:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	521640	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2152571	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1019211	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1737435	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1109707	20.00	ng	0.00
87) Perylene-d12	15.40	264	894848	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3833109	116.03	ng	0.02
7) Phenol-d6	6.44	99	4924645	119.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	2617817	68.21	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1067740	118.27	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4268913	68.62	ng	0.00
79) Terphenyl-d14	12.91	244	3769667	81.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	626097	36.939	ng	98
3) Pyridine	3.37	79	1714832	38.082	ng	100
4) n-Nitrosodimethylamine	3.30	42	843306	43.925	ng	97
6) Aniline	6.46	93	1840984	33.633	ng	99
8) 2-Chlorophenol	6.59	128	1581156	42.108	ng	95
9) Benzaldehyde	6.35	77	621445	23.092	ng	99
10) Phenol	6.45	94	1944698	40.512	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	1515628	40.824	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1613967	40.003	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1624627	39.879	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1532893	40.342	ng	98
15) Benzyl Alcohol	6.94	79	1395506	42.954	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2954740	42.509	ng	99
17) 2-Methylphenol	7.06	107	1352421	44.115	ng	98
18) Hexachloroethane	7.32	117	641060	41.330	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	1133809	41.227	ng	95
20) 3+4-Methylphenols	7.21	107	1572120	43.114	ng	98
22) Acetophenone	7.21	105	2099223	42.621	ng	# 97
24) Nitrobenzene	7.38	77	1706908	42.733	ng	96
25) Isophorone	7.62	82	3167617	48.460	ng	99
26) 2-Nitrophenol	7.70	139	853311	42.997	ng	98
27) 2,4-Dimethylphenol	7.74	122	1503079	49.014	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2026746	44.775	ng	100
29) 2,4-Dichlorophenol	7.94	162	1355654	43.233	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1297655	42.013	ng	99
31) Naphthalene	8.10	128	4399612	46.831	ng	99
32) Benzoic acid	7.86	122	1168467	46.077	ng	98
33) 4-Chloroaniline	8.15	127	1271512	28.179	ng	97
34) Hexachlorobutadiene	8.23	225	693454	40.672	ng	98
35) Caprolactam	8.52	113	269172	24.225	ng	91
36) 4-Chloro-3-methylphenol	8.63	107	1454439	45.302	ng	99
37) 2-Methylnaphthalene	8.80	142	3024086	48.484	ng	98
38) 1-Methylnaphthalene	8.90	142	2880233	47.154	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1060863	37.407	ng	99

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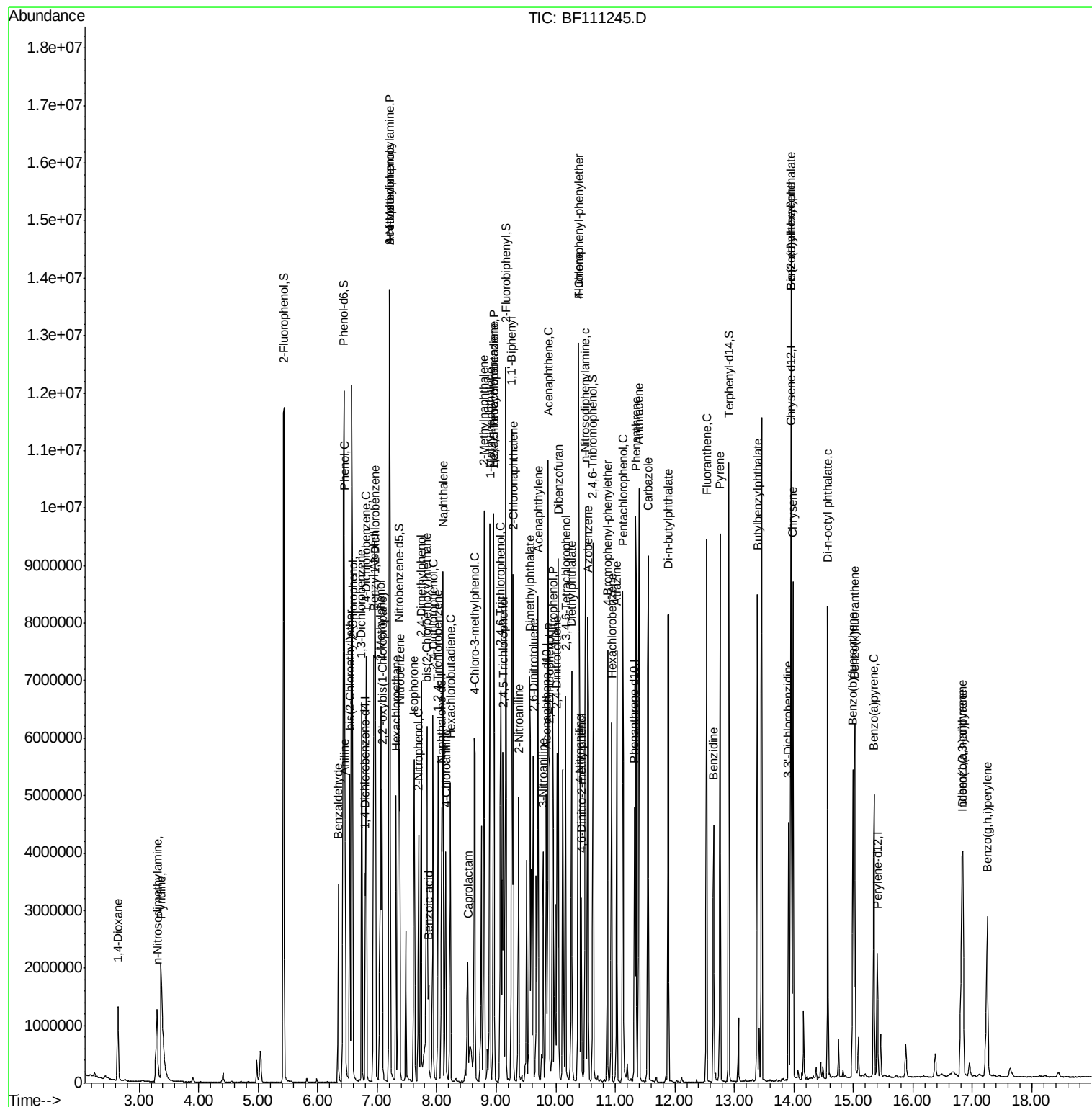
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1335800	82.707	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	894139	42.002	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	905091	40.814	ng	97
46) 1,1'-Biphenyl	9.26	154	3319447	40.103	ng	100
47) 2-Chloronaphthalene	9.29	162	2677595	40.150	ng	99
48) 2-Nitroaniline	9.37	65	956591	42.049	ng	97
49) Acenaphthylene	9.70	152	4161868	42.988	ng	99
50) Dimethylphthalate	9.56	163	3089129	41.077	ng	99
51) 2,6-Dinitrotoluene	9.62	165	731935	44.072	ng	95
52) Acenaphthene	9.87	154	2791172	45.941	ng	99
53) 3-Nitroaniline	9.79	138	617665	30.131	ng	97
54) 2,4-Dinitrophenol	9.89	184	616892	93.997	ng	93
55) Dibenzofuran	10.05	168	3617894	43.771	ng	97
56) 4-Nitrophenol	9.95	139	1319711	82.661	ng	99
57) 2,4-Dinitrotoluene	10.02	165	974324	47.589	ng	91
58) Fluorene	10.39	166	2690172	42.059	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	757766	45.080	ng	100
60) Diethylphthalate	10.27	149	2995763	41.784	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1218623	38.373	ng	98
62) 4-Nitroaniline	10.40	138	817138	42.129	ng	99
63) Azobenzene	10.54	77	3099840	41.644	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	401719	39.240	ng	86
66) n-Nitrosodiphenylamine	10.50	169	2543779	43.010	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	786079	41.308	ng	96
68) Hexachlorobenzene	10.94	284	812307	41.961	ng	97
69) Atrazine	11.03	200	775371	43.112	ng	98
70) Pentachlorophenol	11.13	266	957592	68.189	ng	96
71) Phenanthrene	11.35	178	3720687	42.457	ng	99
72) Anthracene	11.40	178	3865473	42.161	ng	99
73) Carbazole	11.55	167	3673316	38.316	ng	99
74) Di-n-butylphthalate	11.89	149	4244279	43.072	ng	99
75) Fluoranthene	12.53	202	3659703	45.716	ng	97
77) Benzidine	12.65	184	1600088	48.562	ng	98
78) Pyrene	12.76	202	3721950	46.935	ng	98
80) Butylbenzylphthalate	13.39	149	1873950	45.242	ng	94
81) Benzo(a)anthracene	13.95	228	2814680	45.464	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	887591	34.979	ng	96
83) Chrysene	13.99	228	2835531	44.427	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2145829	43.598	ng	99
85) Di-n-octyl phthalate	14.57	149	3712706	45.005	ng	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	2476595	48.070	ng	99
88) Benzo(b)fluoranthene	14.99	252	2476304	50.039	ng	98
89) Benzo(k)fluoranthene	15.02	252	2413890	51.882	ng	98
90) Benzo(a)pyrene	15.34	252	2347308	51.508	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	2037755	56.930	ng	99
92) Benzo(g,h,i)perylene	17.25	276	2108708	58.851	ng	97

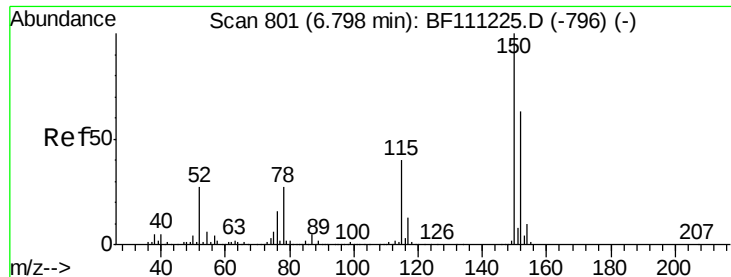
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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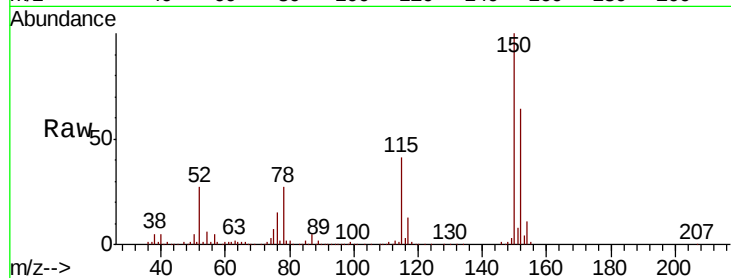


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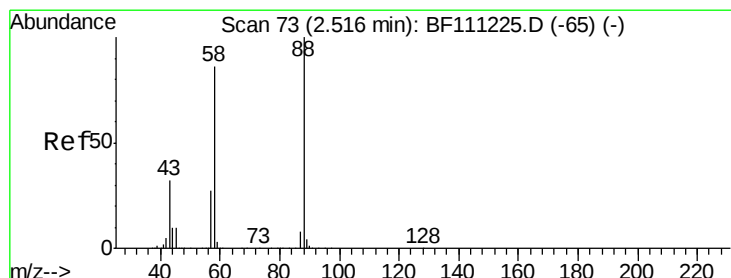
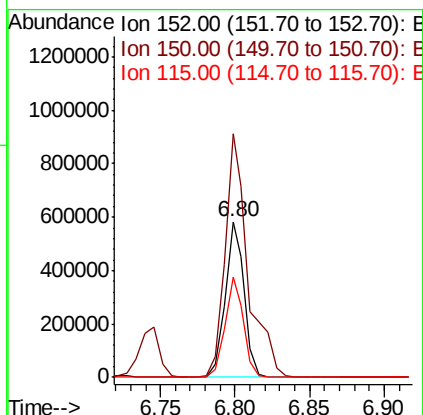
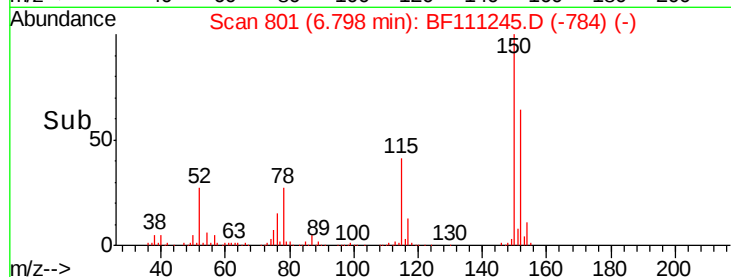
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:152 Resp: 521640
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 64.2 50.7 76.1



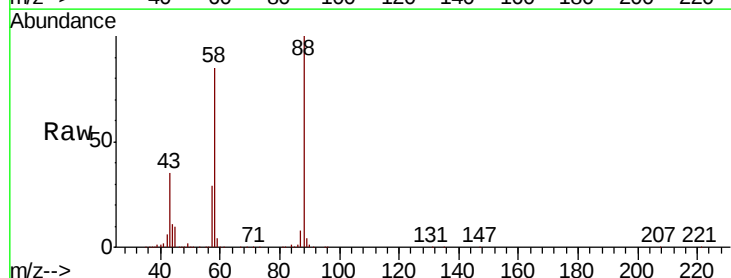
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



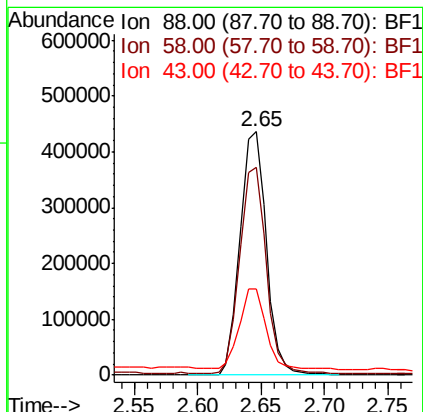
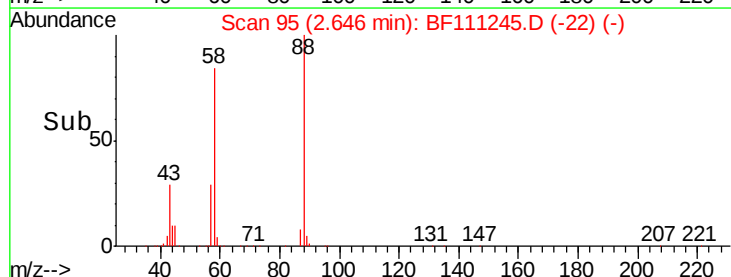
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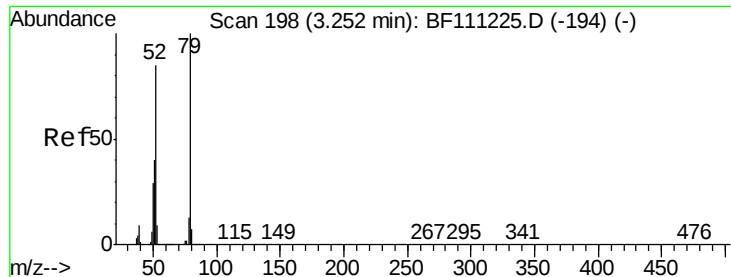
1,4-Dioxane
Concen: 36.939 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.13 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 88 Resp: 626097
Ion Ratio Lower Upper
88 100
58 85.0 68.9 103.3
43 33.9 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 38.082 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.12 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

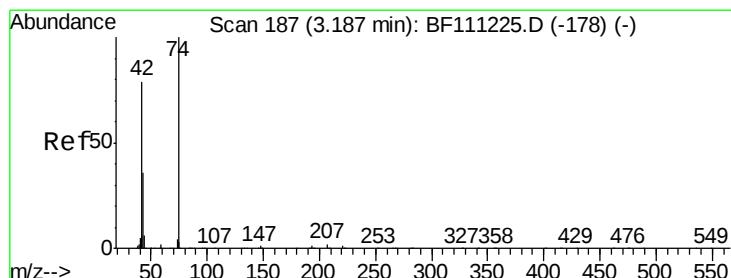
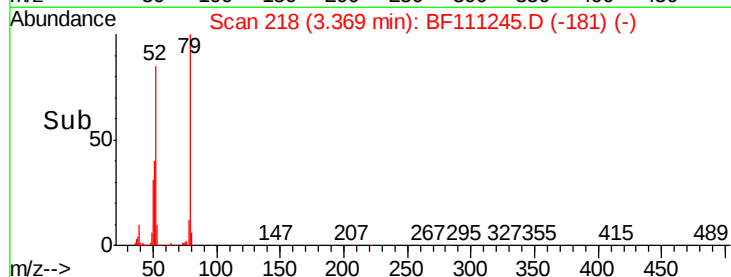
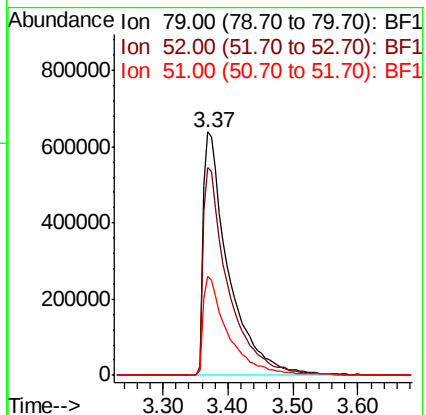
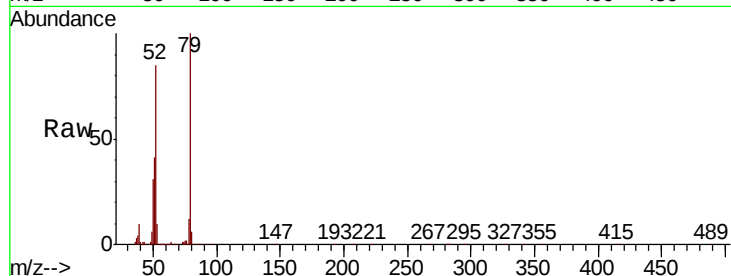
Tgt Ion: 79 Resp: 1714832

Ion Ratio Lower Upper

79 100

52 85.3 68.3 102.5

51 40.6 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 43.925 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.12 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

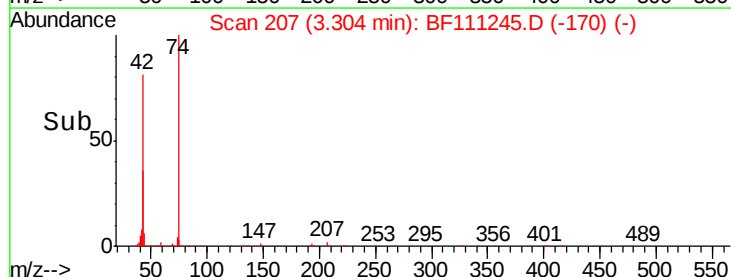
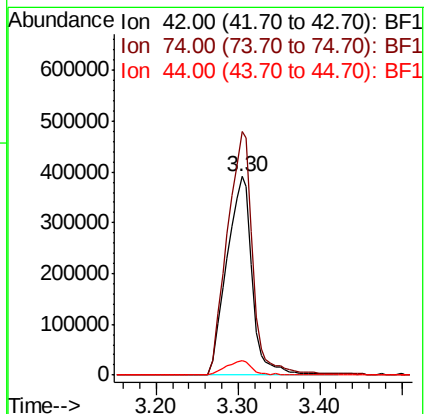
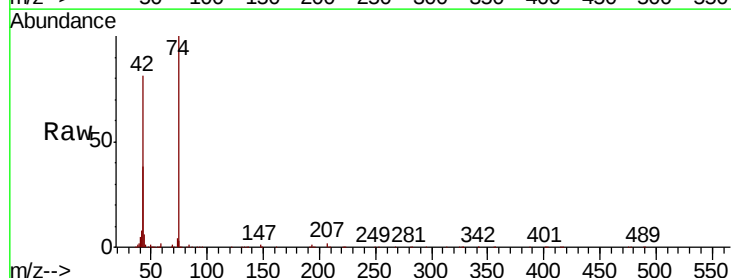
Tgt Ion: 42 Resp: 843306

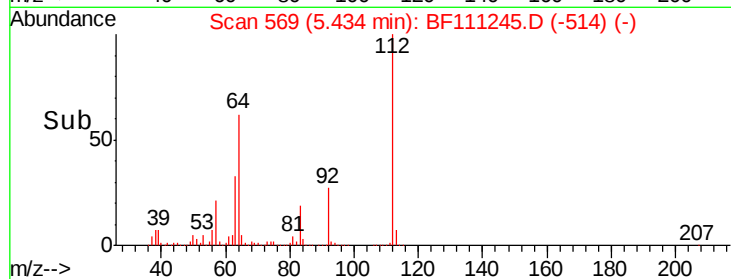
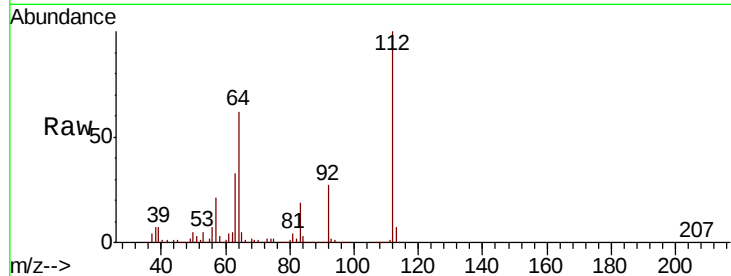
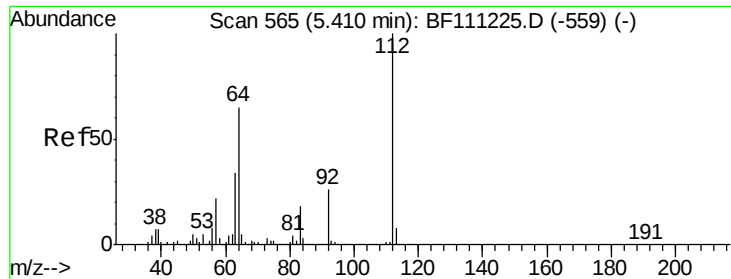
Ion Ratio Lower Upper

42 100

74 122.8 101.5 152.3

44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 116.033 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

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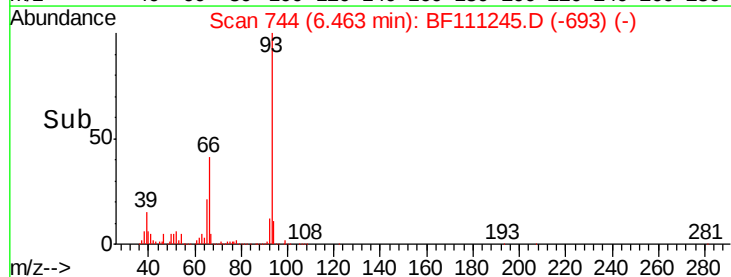
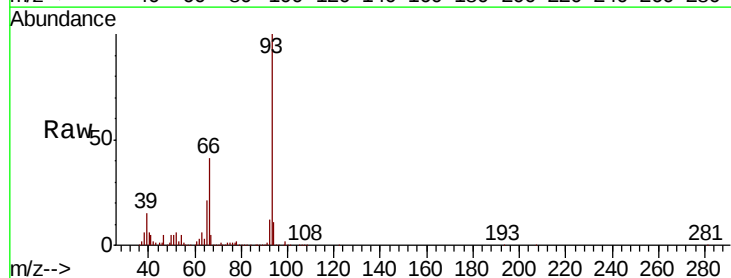
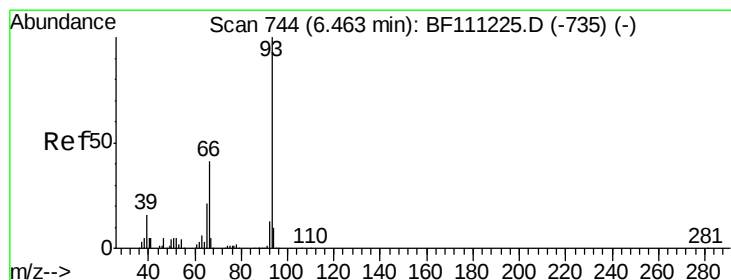
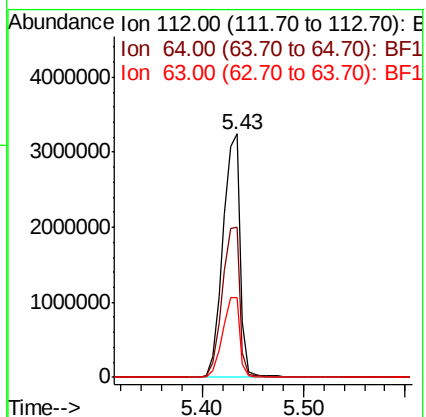
Tgt Ion:112 Resp: 3833109

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

63 32.9 26.8 40.2



#6

Aniline

Concen: 33.633 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

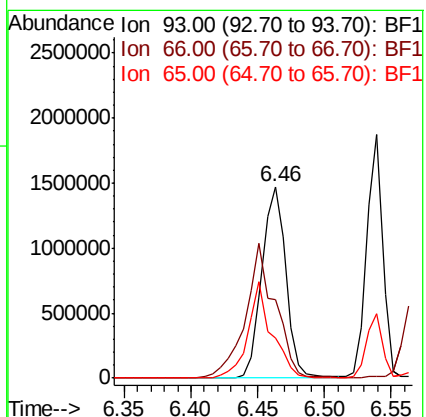
Tgt Ion: 93 Resp: 1840984

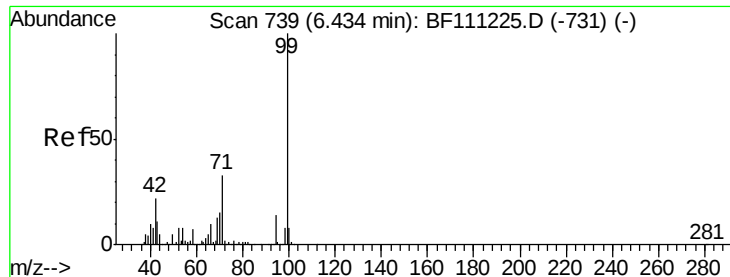
Ion Ratio Lower Upper

93 100

66 40.8 33.2 49.8

65 21.0 17.0 25.4





#7

Phenol-d6

Concen: 119.956 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

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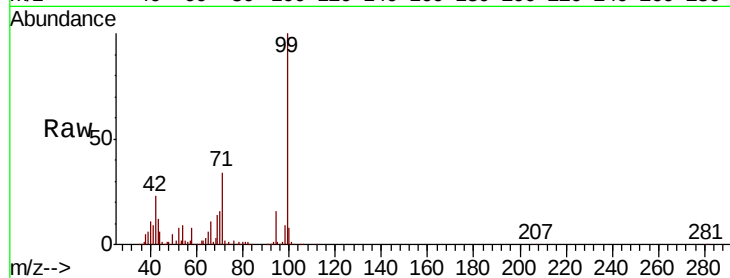
Tgt Ion: 99 Resp: 4924645

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

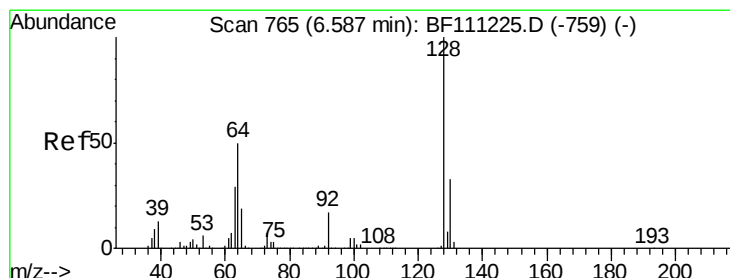
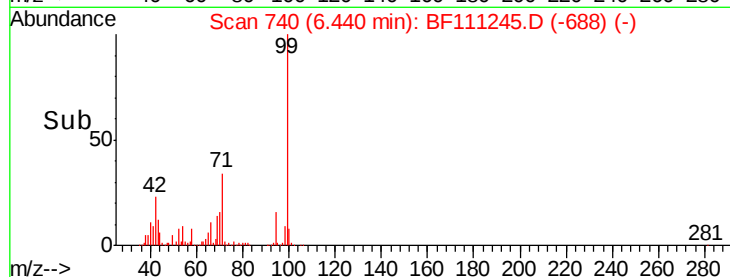
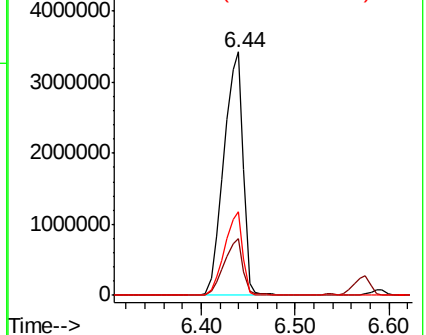
71 34.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.108 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111245.D

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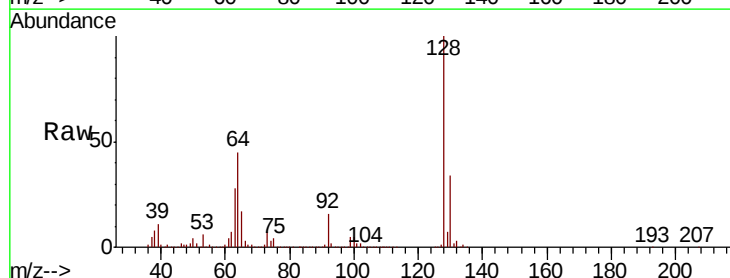
Tgt Ion: 128 Resp: 1581156

Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

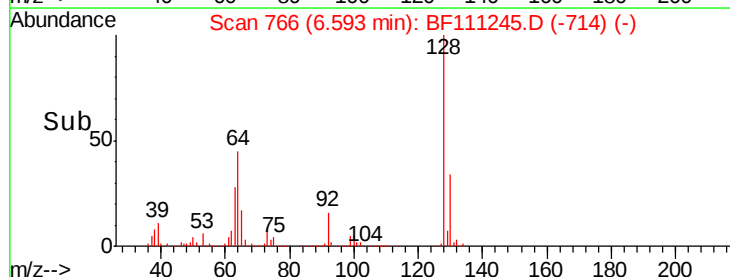
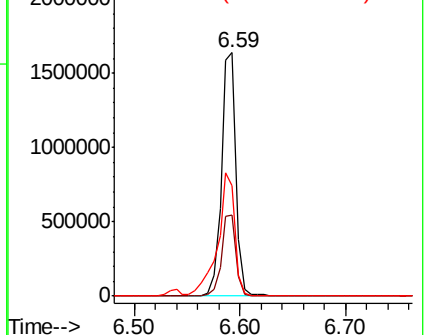
64 45.3 30.0 70.0

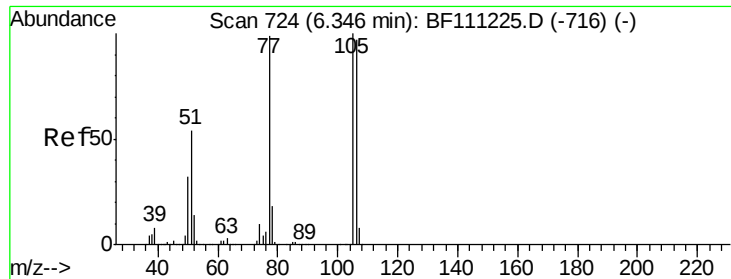


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.092 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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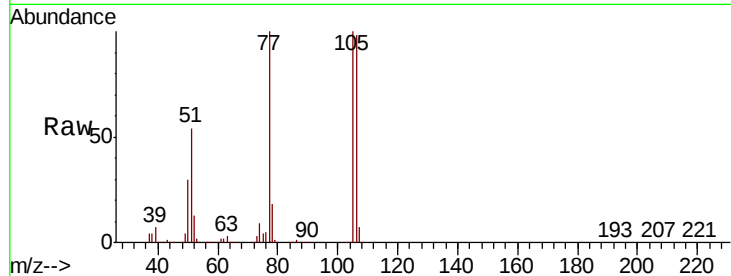
Tgt Ion: 77 Resp: 621445

Ion Ratio Lower Upper

77 100

105 99.6 81.4 121.4

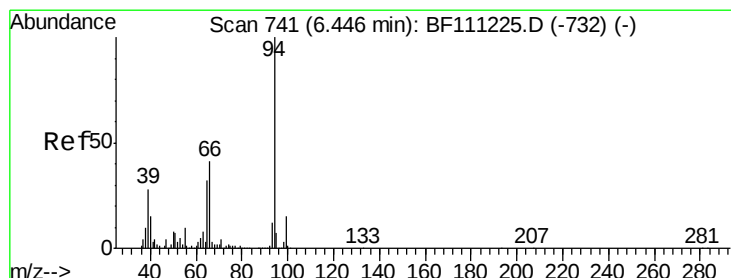
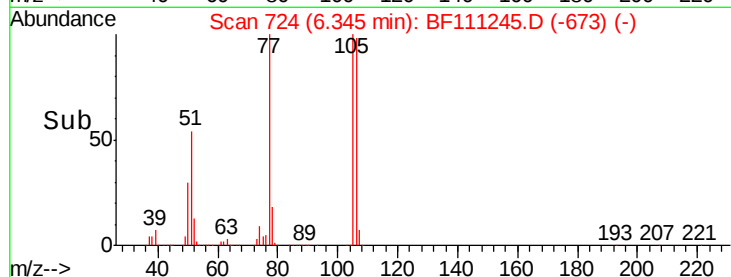
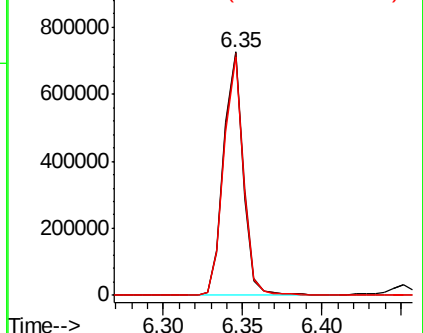
106 98.0 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.512 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

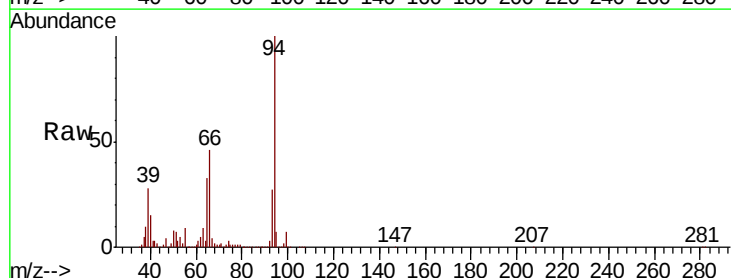
Tgt Ion: 94 Resp: 1944698

Ion Ratio Lower Upper

94 100

65 32.8 11.7 51.7

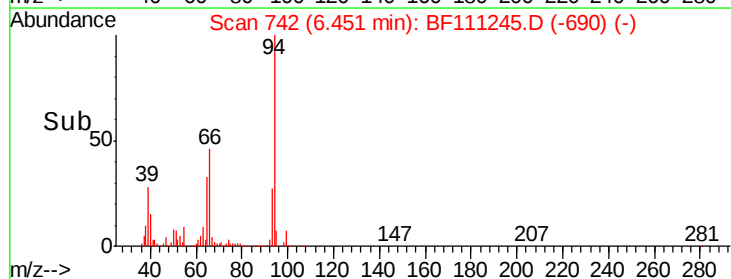
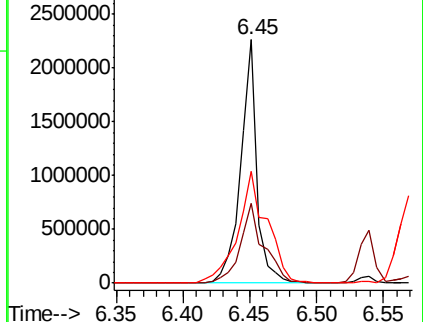
66 45.9 21.0 61.0

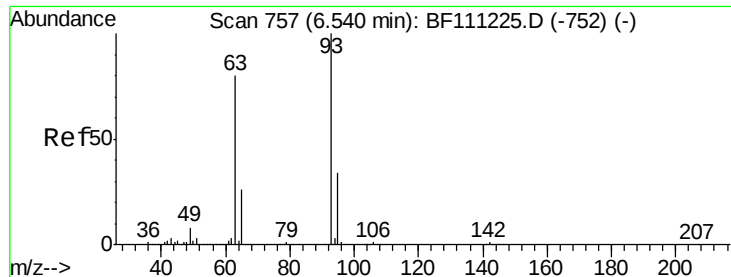


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.824 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

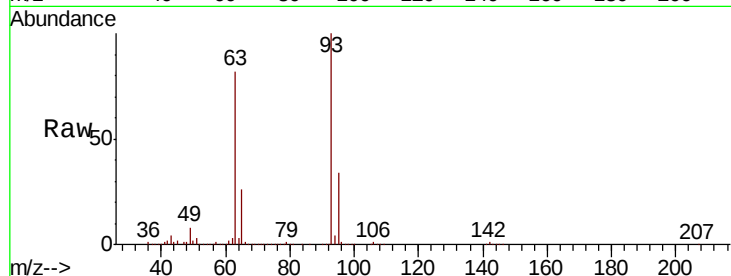
Tgt Ion: 93 Resp: 1515628

Ion Ratio Lower Upper

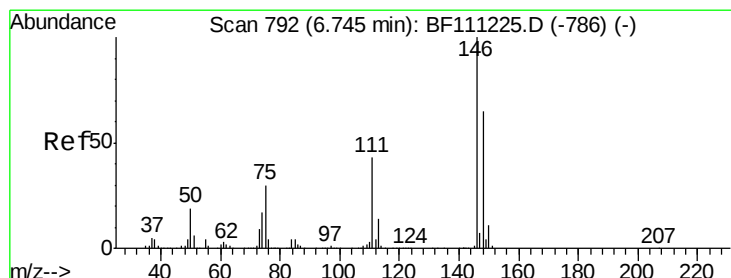
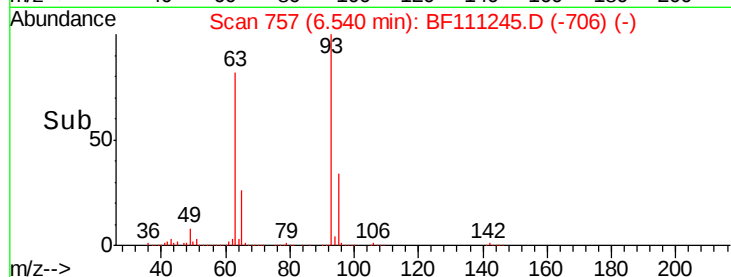
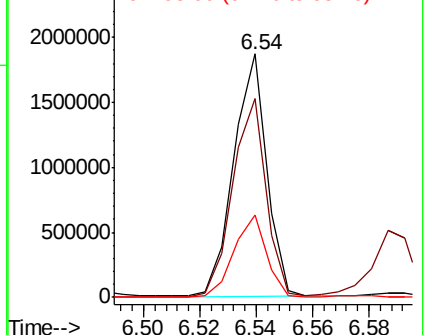
93 100

63 81.8 60.0 100.0

95 33.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.003 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

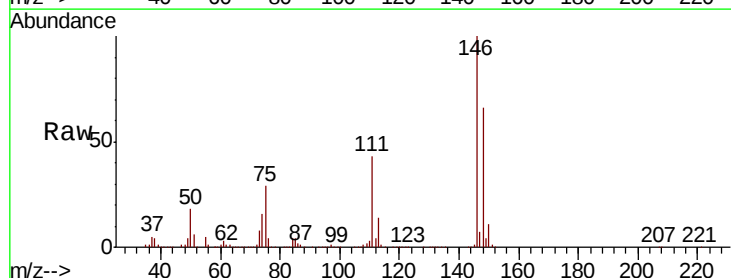
Tgt Ion: 146 Resp: 1613967

Ion Ratio Lower Upper

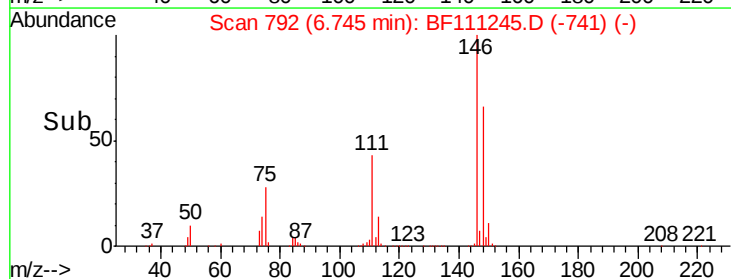
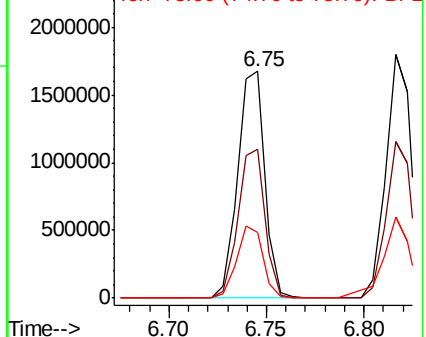
146 100

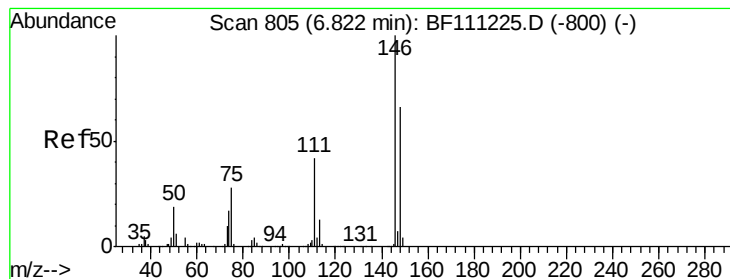
148 65.8 52.1 78.1

75 28.8 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.879 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

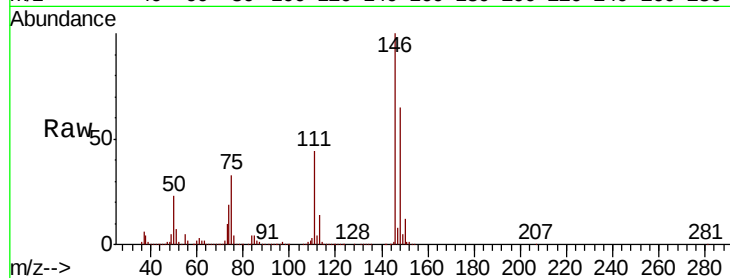
Tgt Ion:146 Resp: 1624627

Ion Ratio Lower Upper

146 100

148 64.6 52.8 79.2

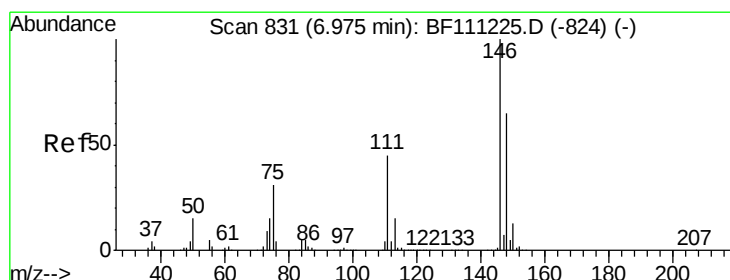
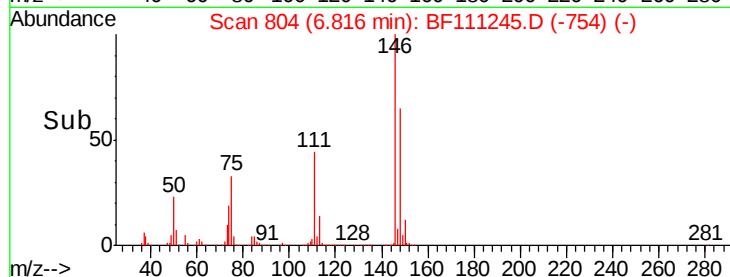
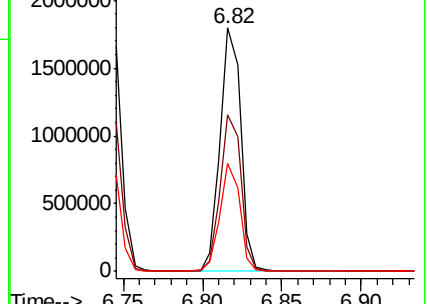
111 44.4 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.342 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

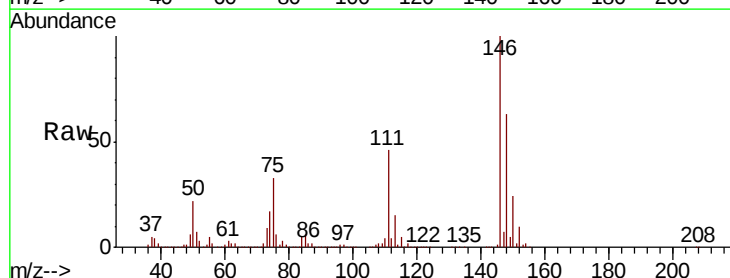
Tgt Ion:146 Resp: 1532893

Ion Ratio Lower Upper

146 100

148 62.9 51.9 77.9

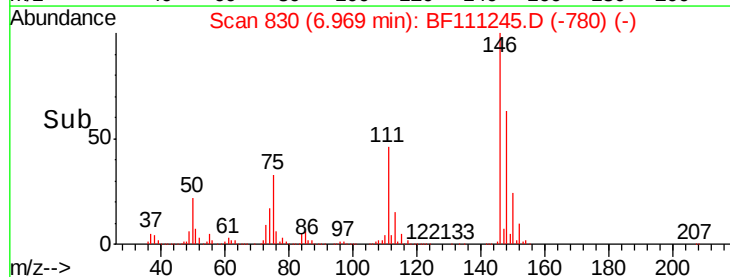
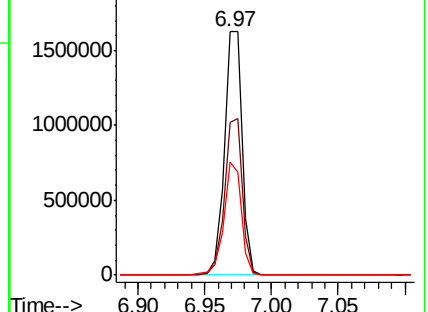
111 46.5 36.2 54.4

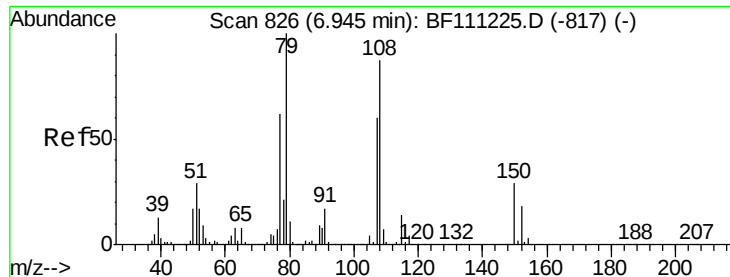


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.954 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

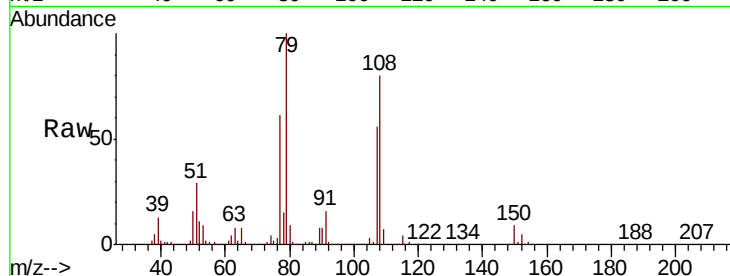
Tgt Ion: 79 Resp: 1395506

Ion Ratio Lower Upper

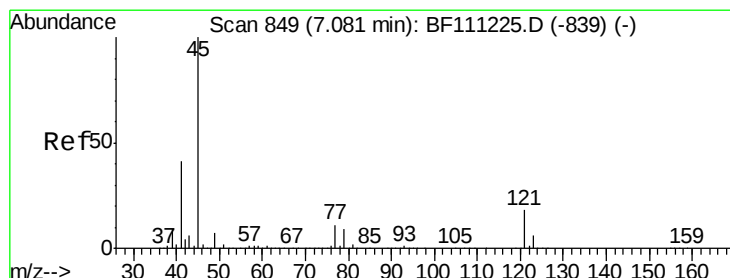
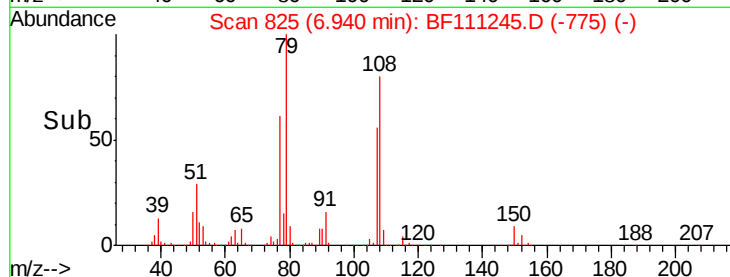
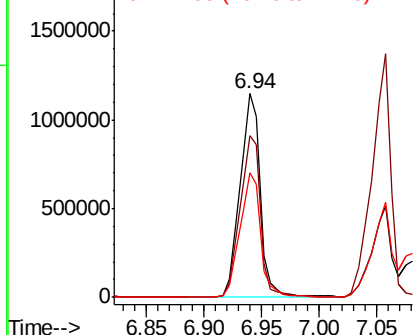
79 100

108 79.8 69.4 104.2

77 61.2 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.509 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

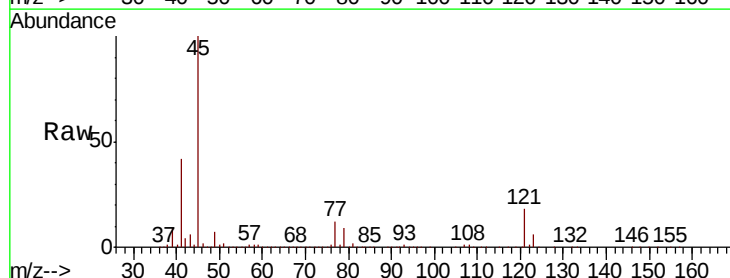
Tgt Ion: 45 Resp: 2954740

Ion Ratio Lower Upper

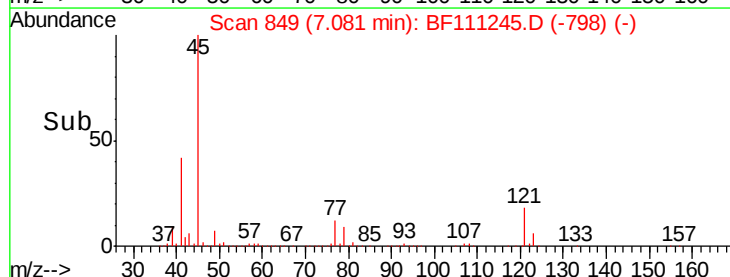
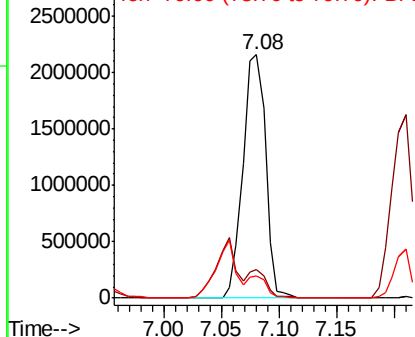
45 100

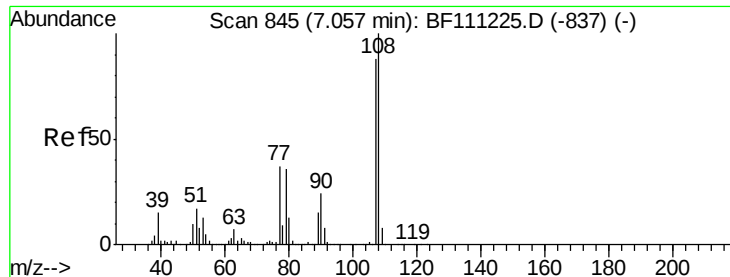
77 11.6 0.0 31.5

79 9.3 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

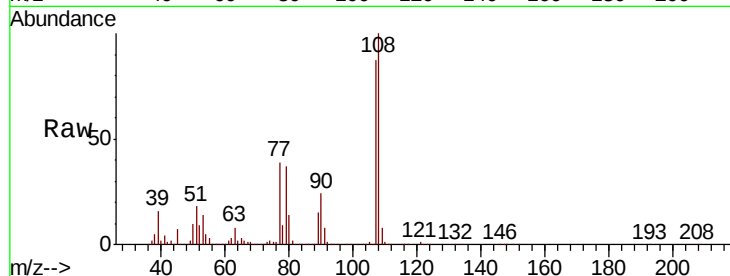




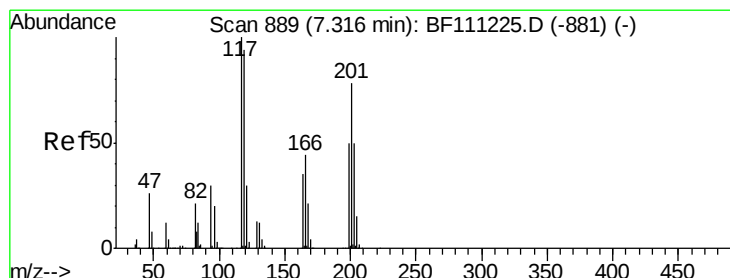
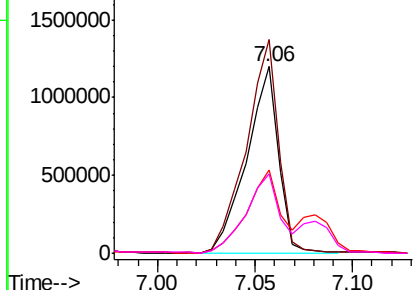
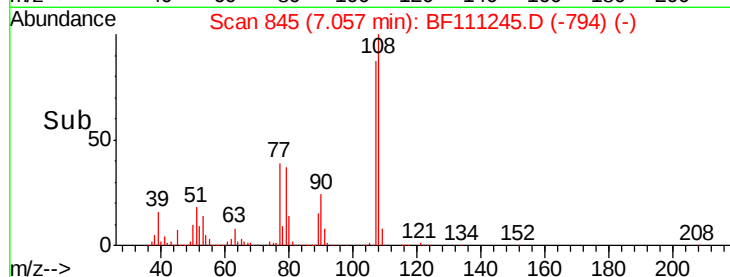
#17
2-Methylphenol
Concen: 44.115 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:107 Resp: 1352421
Ion Ratio Lower Upper
107 100
108 114.5 91.0 136.4
77 44.5 33.5 50.3
79 42.7 33.3 49.9

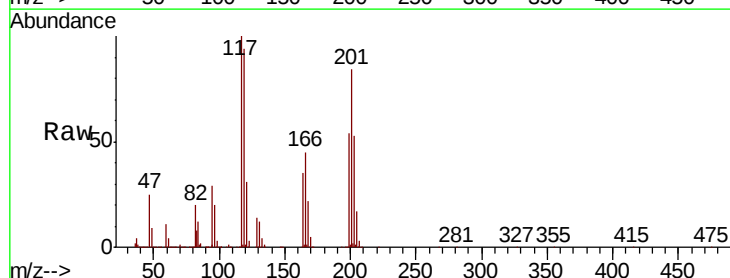


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

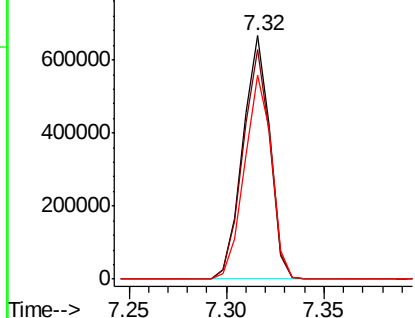
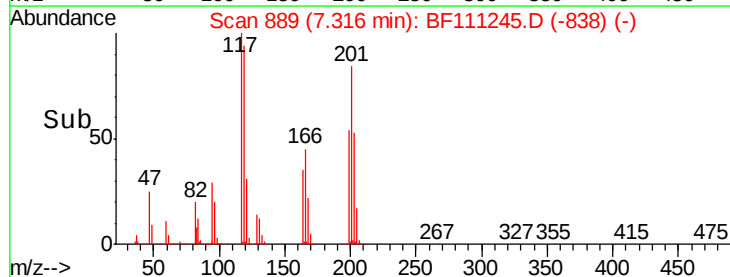


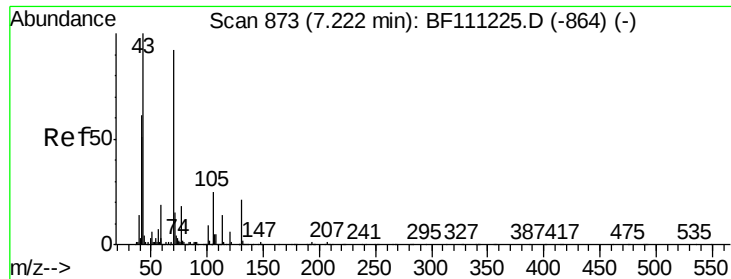
#18
Hexachloroethane
Concen: 41.330 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:117 Resp: 641060
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.0
201 83.5 62.4 93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

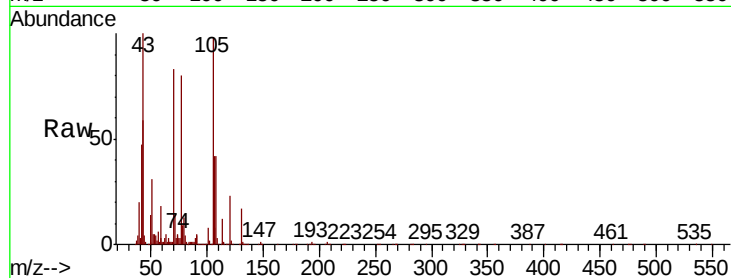




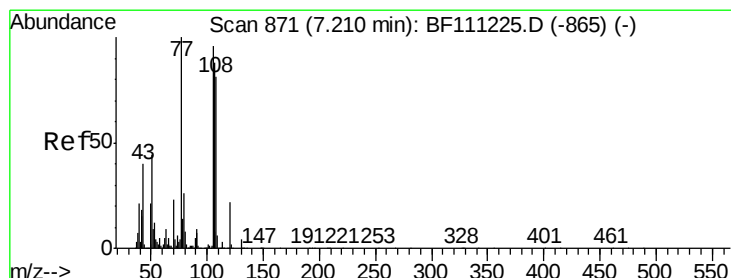
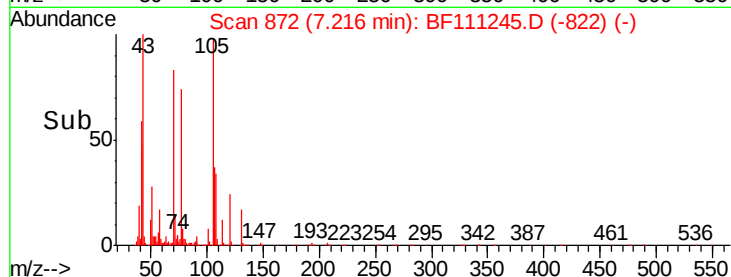
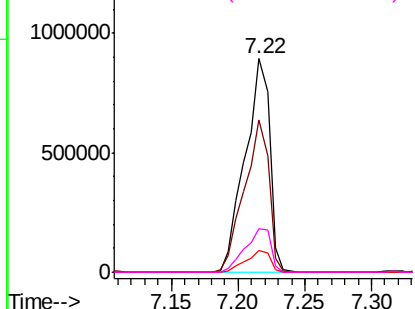
#19
n-Nitroso-di-n-propylamine
Concen: 41.227 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion: 70 Resp: 1133809
Ion Ratio Lower Upper
70 100
42 71.2 53.2 79.8
101 9.9 8.2 12.4
130 20.4 18.1 27.1

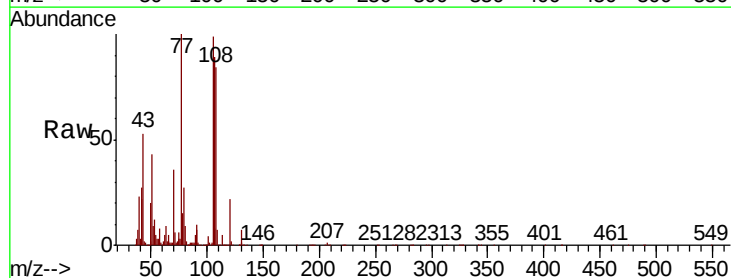


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

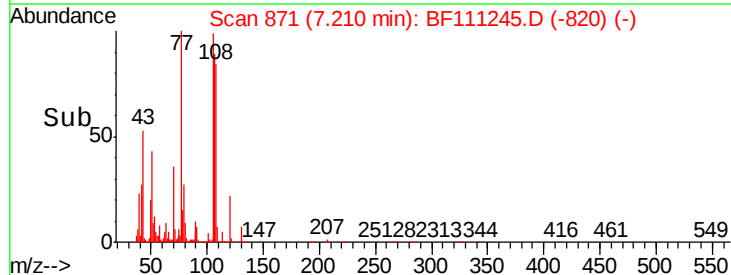
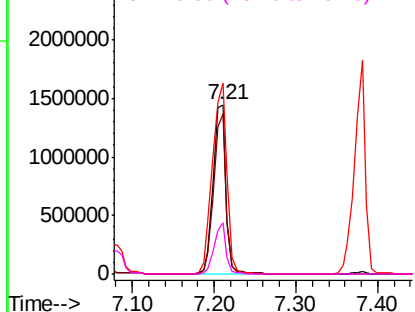


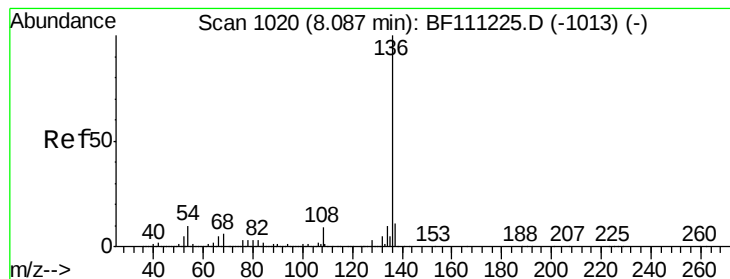
#20
3+4-Methylphenols
Concen: 43.114 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 107 Resp: 1572120
Ion Ratio Lower Upper
107 100
108 94.7 72.1 112.1
77 112.7 94.1 134.1
79 29.9 9.8 49.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tgt Ion:136 Resp: 2152571

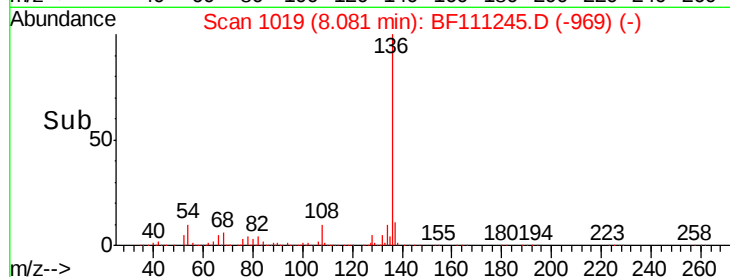
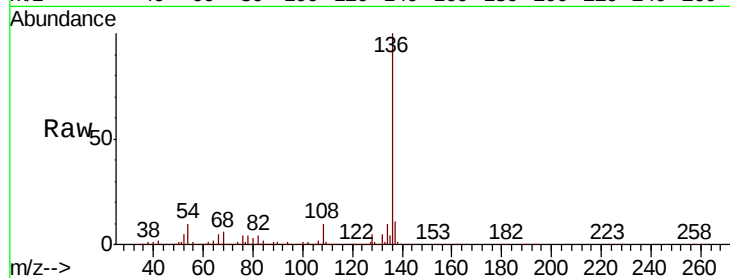
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.0 7.7 11.5

68 6.4 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E

3000000 Ion 137.00 (136.70 to 137.70): E

2500000 Ion 54.00 (53.70 to 54.70): BF1

2000000 Ion 68.00 (67.70 to 68.70): BF1

1500000

1000000

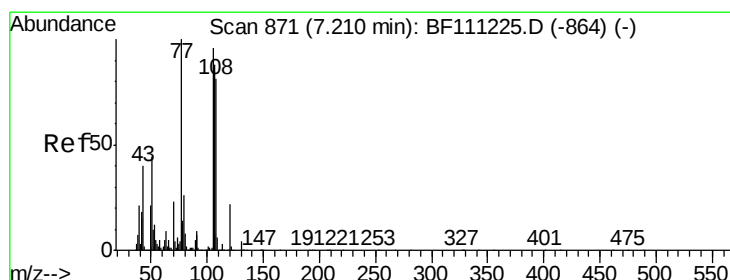
500000

0

8.08

8.00 8.05 8.10 8.15 8.20

Time-->



#22

Acetophenone

Concen: 42.621 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Tgt Ion:105 Resp: 2099223

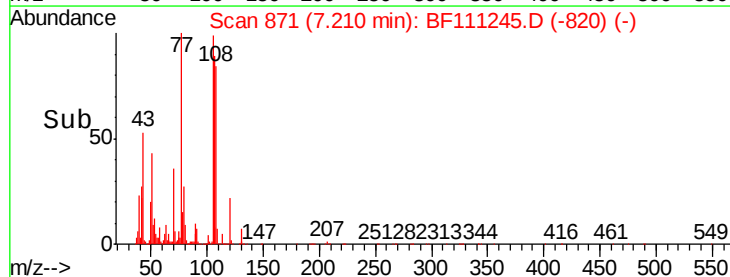
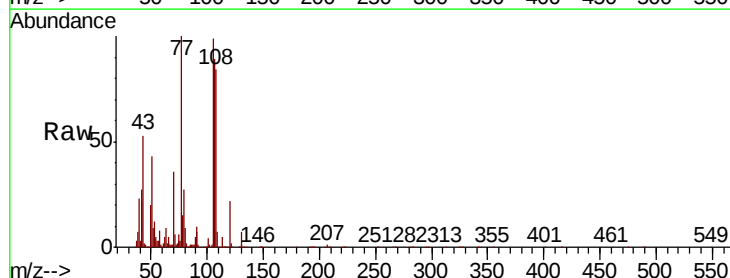
Ion Ratio Lower Upper

105 100

71 6.4 3.1 4.7#

51 43.2 36.6 54.8

120 22.6 18.2 27.4



Abundance Ion 105.00 (104.70 to 105.70): E

2500000 Ion 71.00 (70.70 to 71.70): BF1

2000000 Ion 51.00 (50.70 to 51.70): BF1

1500000 Ion 120.00 (119.70 to 120.70): E

1000000

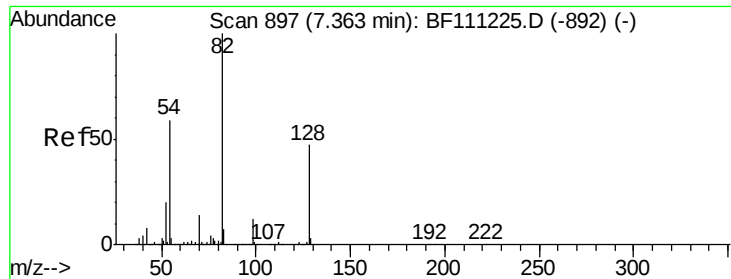
500000

0

7.21

7.10 7.20 7.30

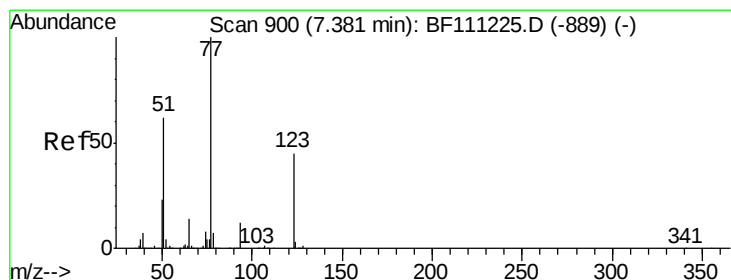
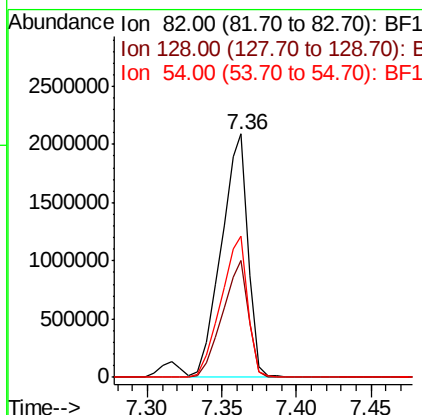
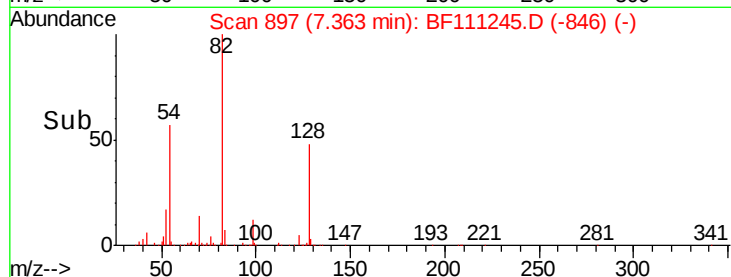
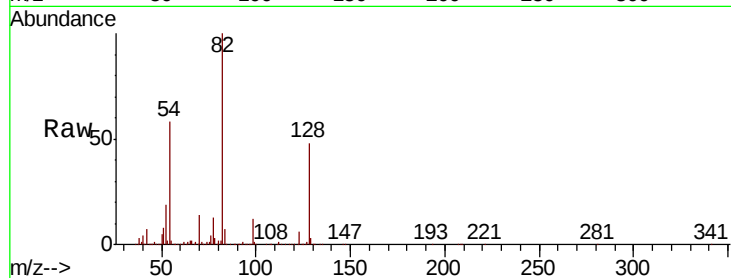
Time-->



#23
 Nitrobenzene-d5
 Concen: 68.211 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

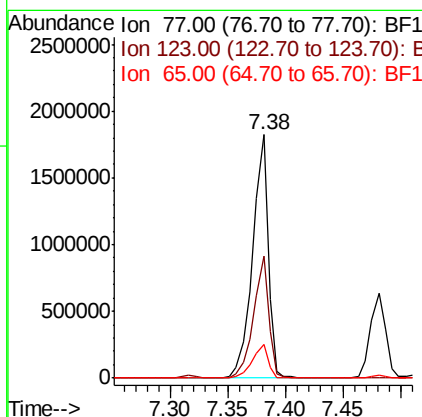
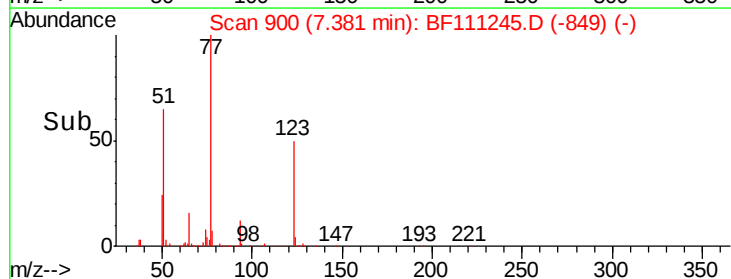
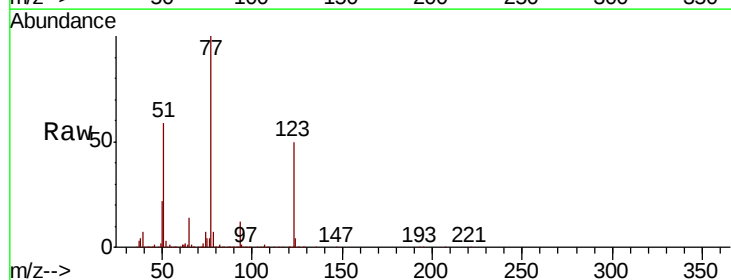
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

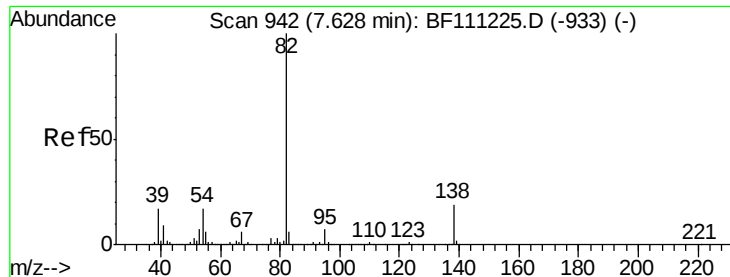
Tgt Ion: 82 Resp: 2617817
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.4 56.2
 54 57.9 47.6 71.4



#24
 Nitrobenzene
 Concen: 42.733 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion: 77 Resp: 1706908
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.2 55.8
 65 13.8 11.5 17.3





#25

Isophorone

Concen: 48.460 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

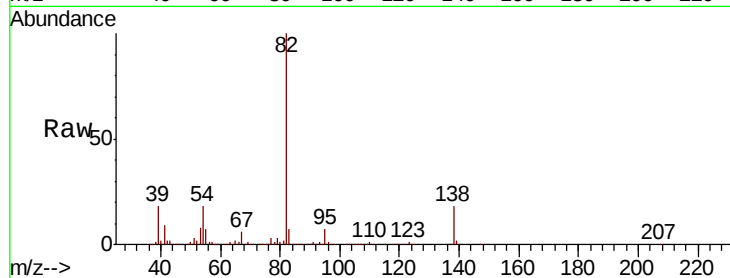
Tgt Ion: 82 Resp: 3167617

Ion Ratio Lower Upper

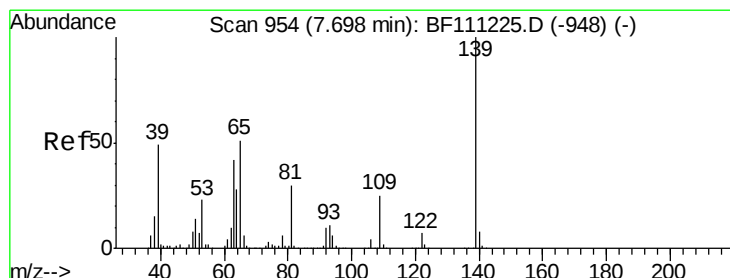
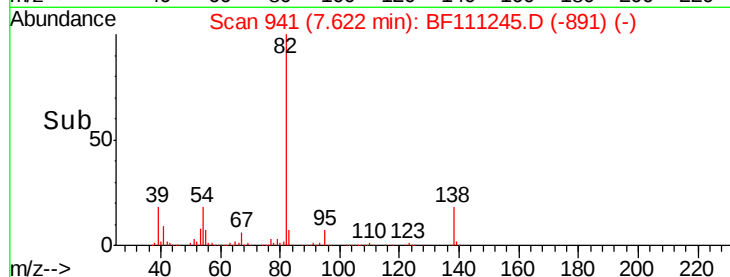
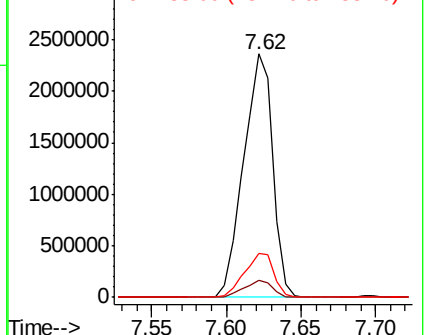
82 100

95 7.0 5.4 8.2

138 18.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.997 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

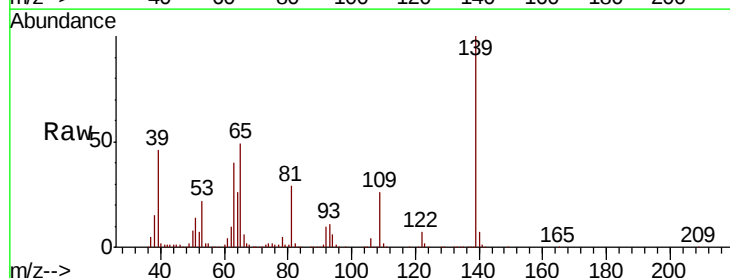
Tgt Ion: 139 Resp: 853311

Ion Ratio Lower Upper

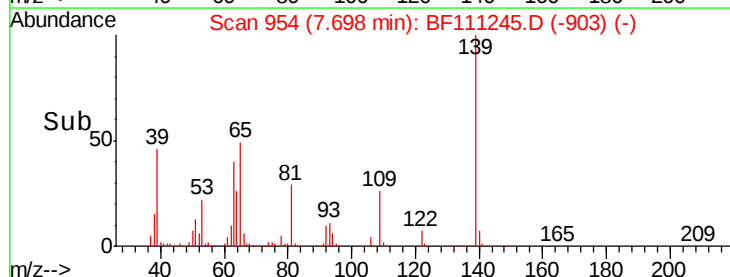
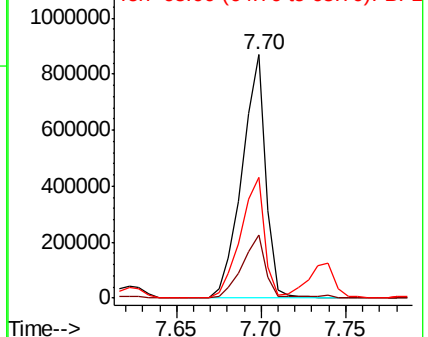
139 100

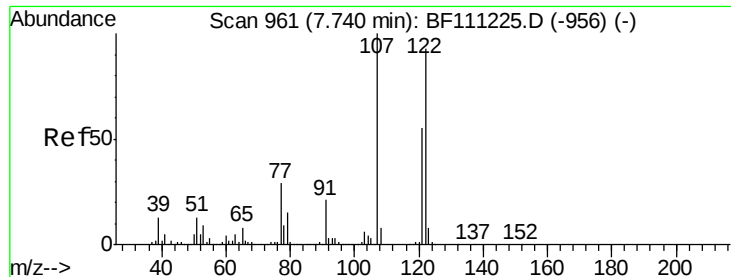
109 25.7 20.2 30.4

65 49.4 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

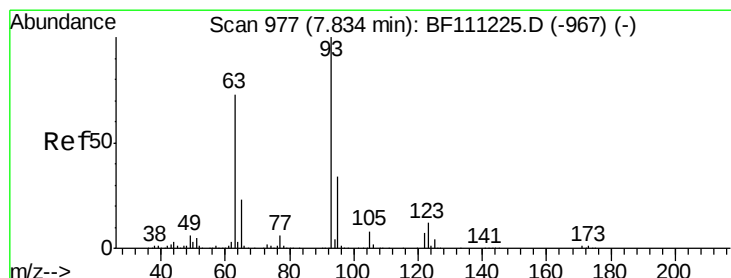
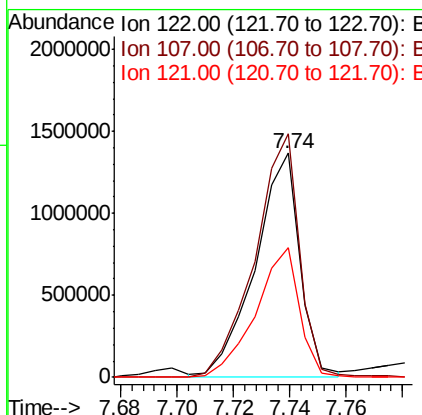
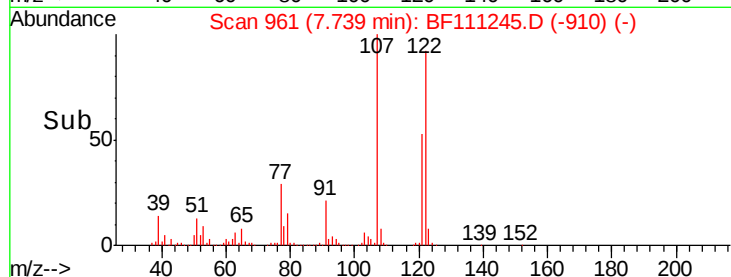
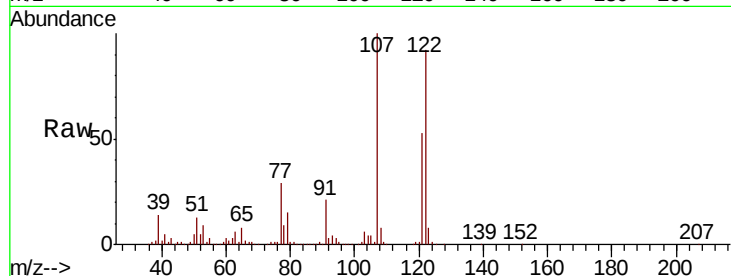




#27
2,4-Dimethylphenol
Concen: 49.014 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

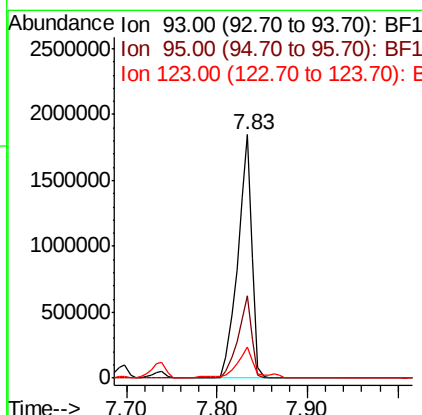
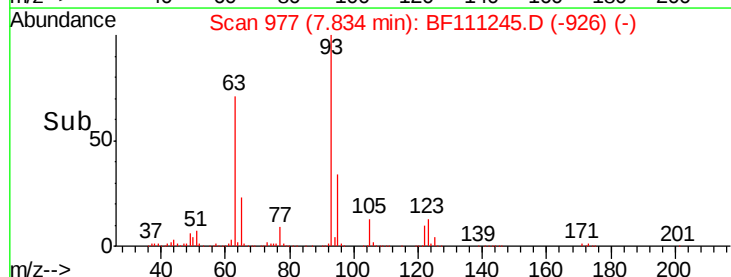
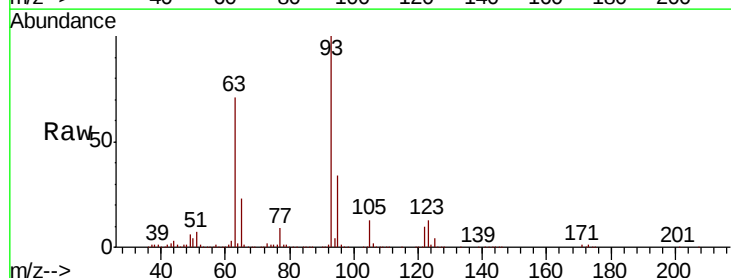
Instrument :
BNA_F
ClientSampleId :
PB115384BS

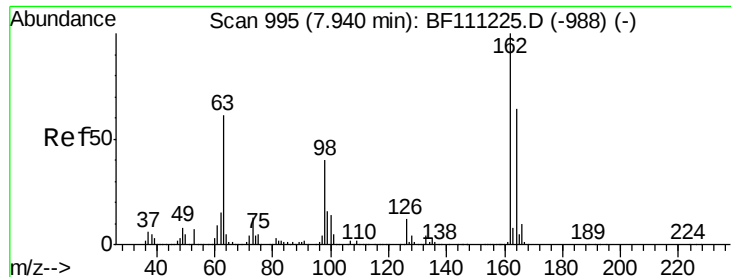
Tgt Ion:122 Resp: 1503079
Ion Ratio Lower Upper
122 100
107 108.6 85.5 128.3
121 57.9 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.775 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 93 Resp: 2026746
Ion Ratio Lower Upper
93 100
95 33.8 27.1 40.7
123 12.7 9.9 14.9

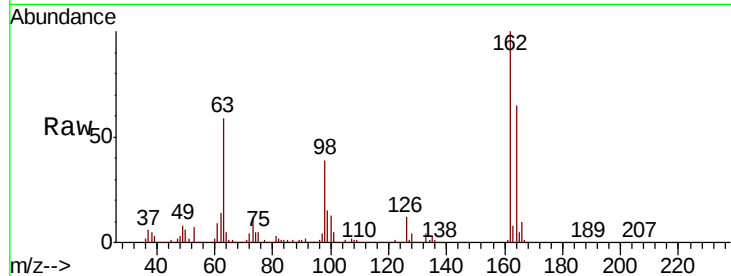




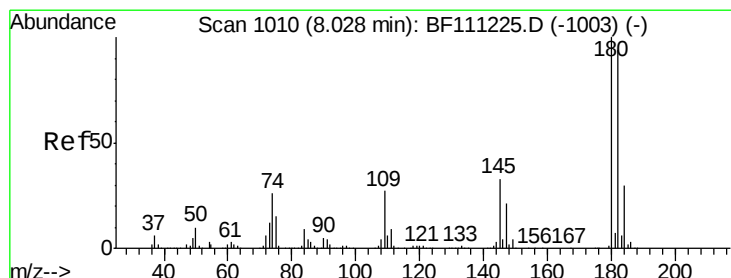
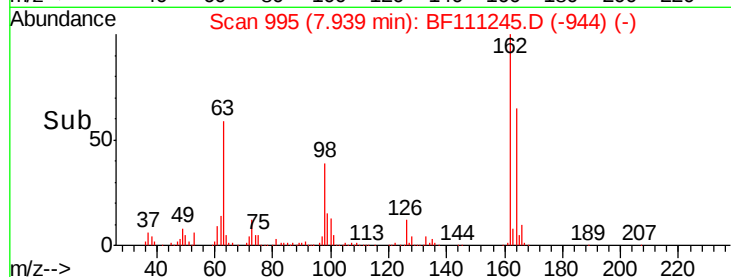
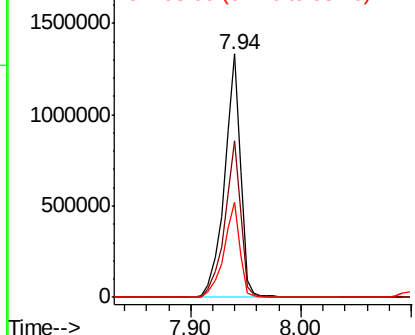
#29
2,4-Dichlorophenol
Concen: 43.233 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:162 Resp: 1355654
Ion Ratio Lower Upper
162 100
164 64.5 44.4 84.4
98 39.2 20.3 60.3

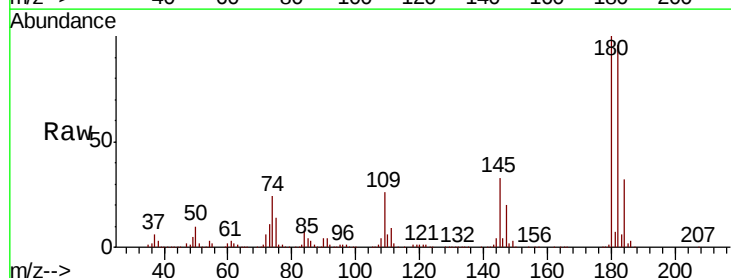


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

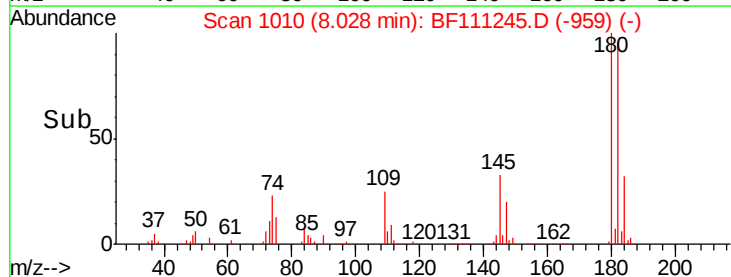
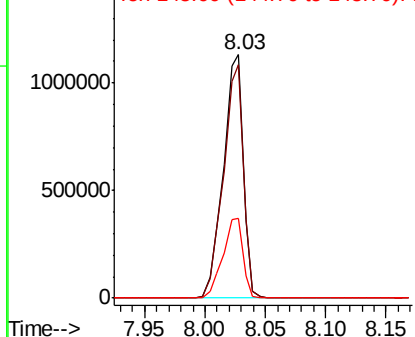


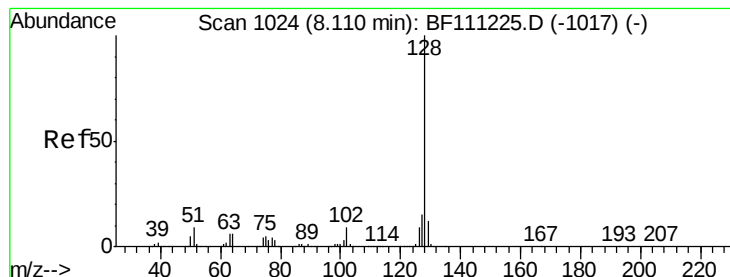
#30
1,2,4-Trichlorobenzene
Concen: 42.013 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:180 Resp: 1297655
Ion Ratio Lower Upper
180 100
182 96.0 75.6 113.4
145 32.6 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.831 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

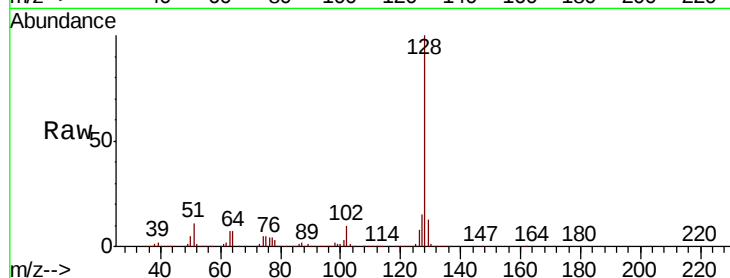
Tgt Ion:128 Resp: 4399612

Ion Ratio Lower Upper

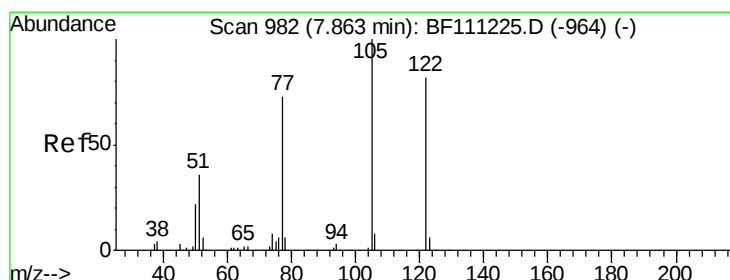
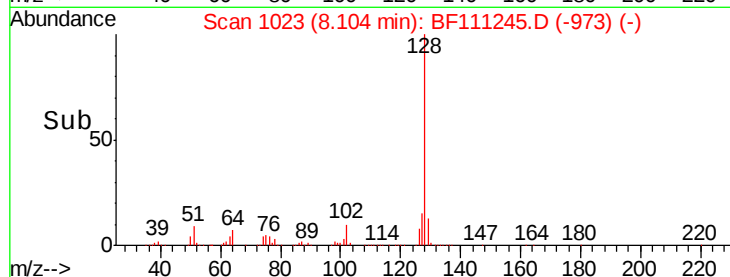
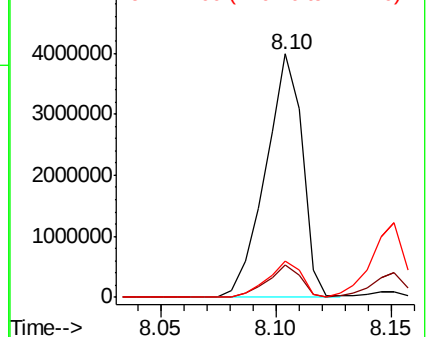
128 100

129 13.2 9.8 14.8

127 15.1 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.077 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

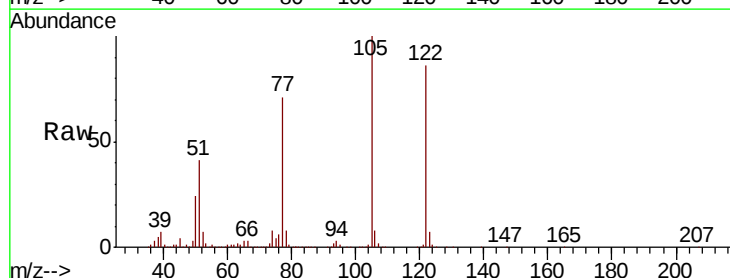
Tgt Ion:122 Resp: 1168467

Ion Ratio Lower Upper

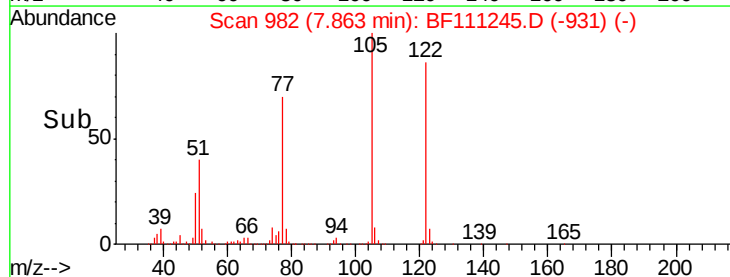
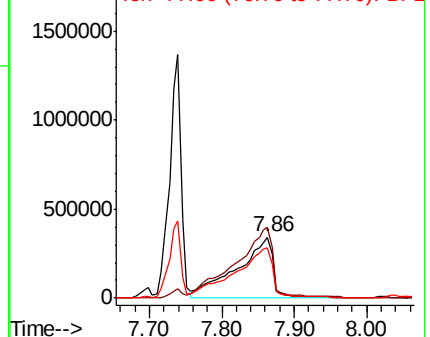
122 100

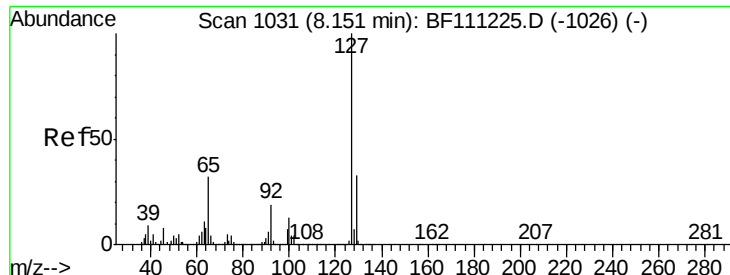
105 116.1 97.0 137.0

77 82.2 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

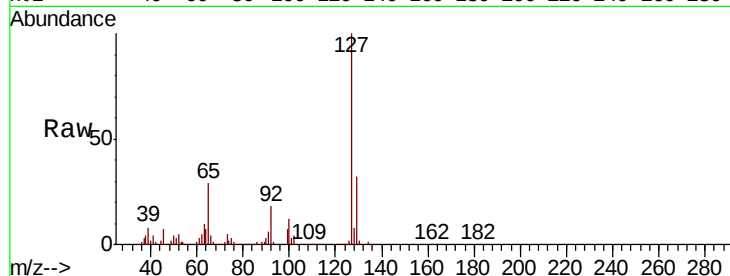




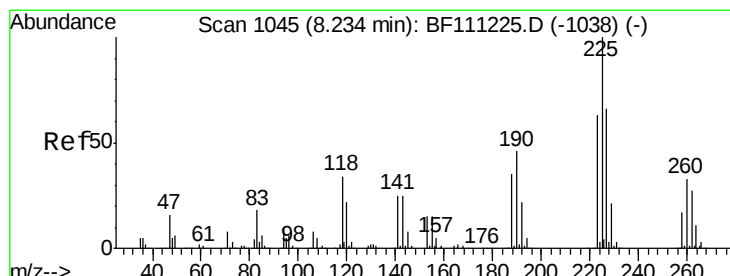
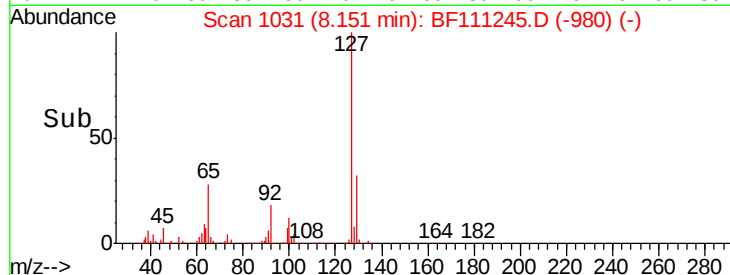
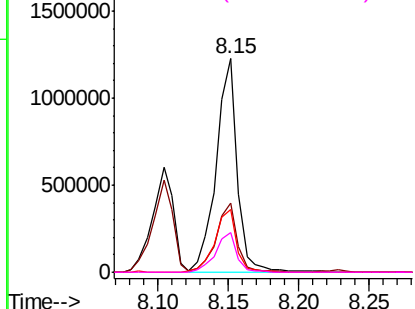
#33
4-Chloroaniline
Concen: 28.179 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:	127	Resp:	1271512
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	29.1	25.7	38.5
92	18.5	15.4	23.2

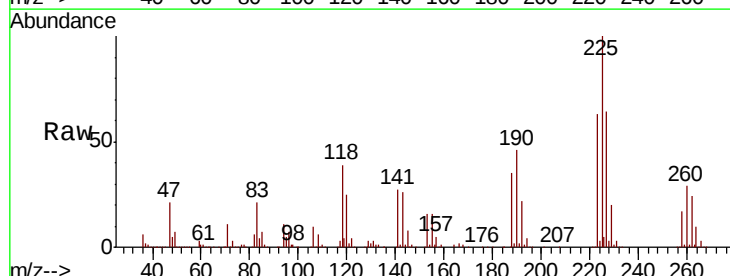


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

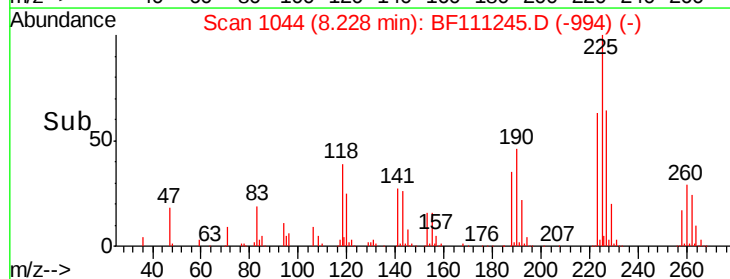
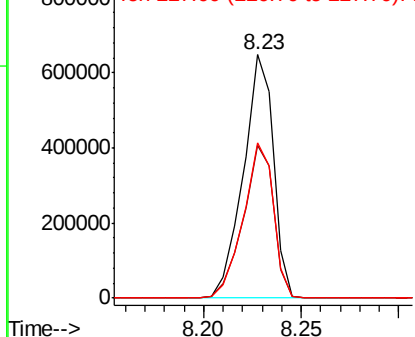


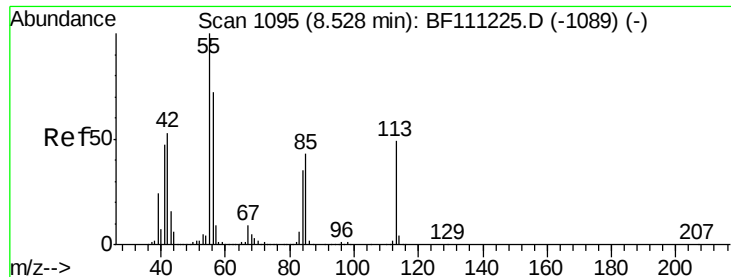
#34
Hexachlorobutadiene
Concen: 40.672 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:	225	Resp:	693454
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	63.6	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

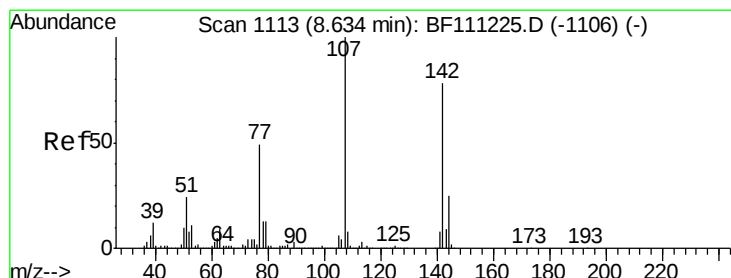
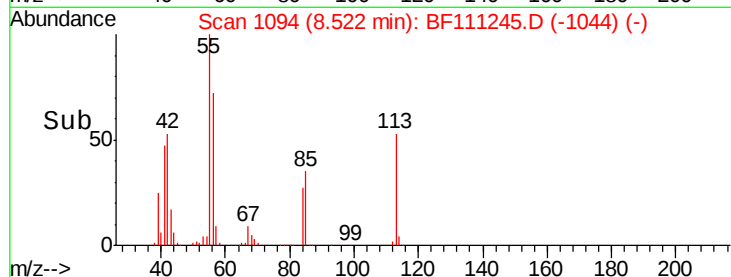
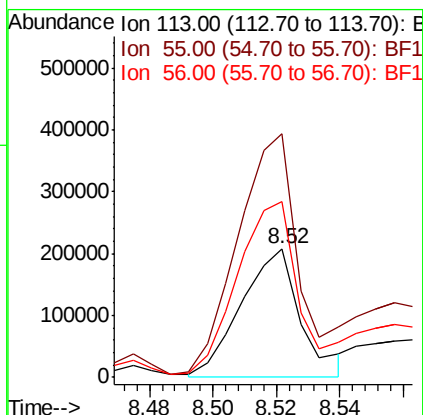
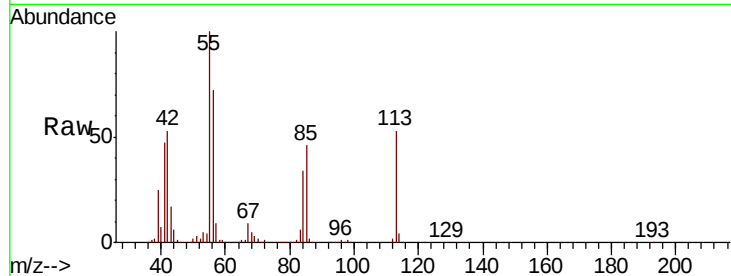




#35
 Caprolactam
 Concen: 24.225 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

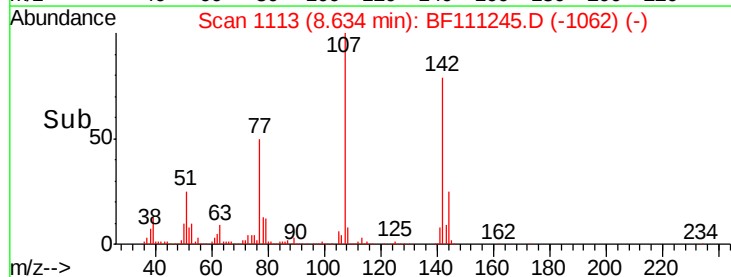
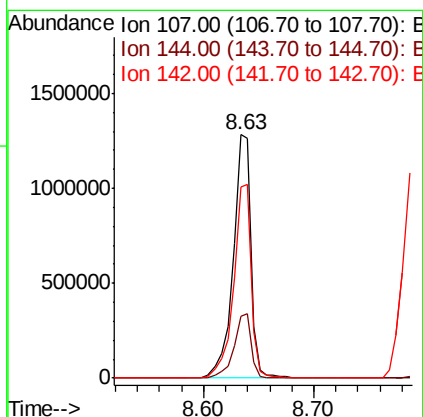
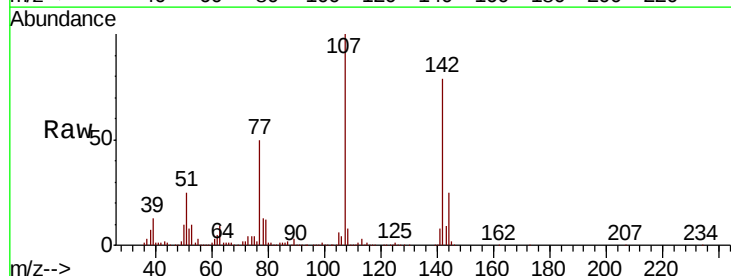
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

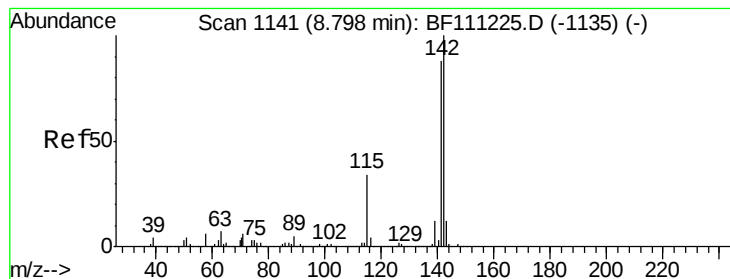
Tgt Ion:113 Resp: 269172
 Ion Ratio Lower Upper
 113 100
 55 188.7 184.1 224.1
 56 136.0 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.302 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:107 Resp: 1454439
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.6
 142 78.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 48.484 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

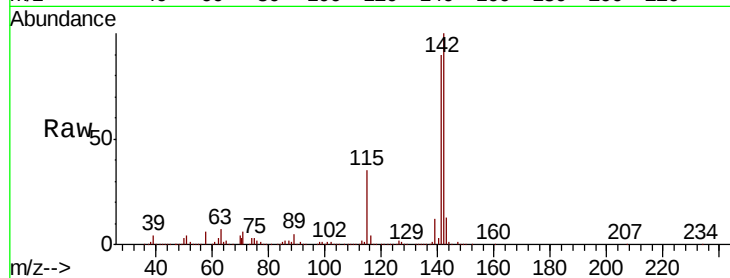
Tgt Ion:142 Resp: 3024086

Ion Ratio Lower Upper

142 100

141 90.4 70.6 105.8

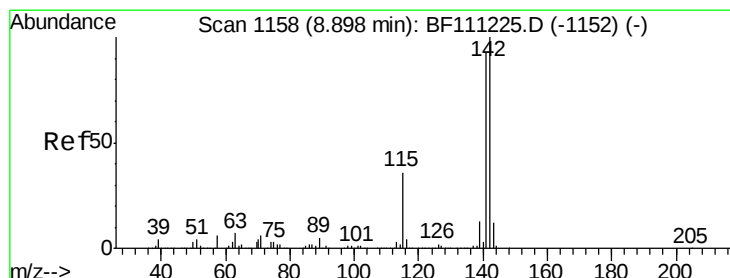
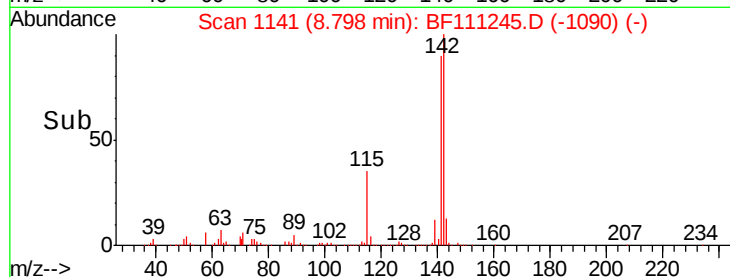
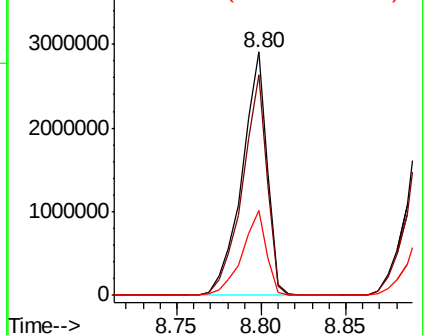
115 34.9 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.154 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

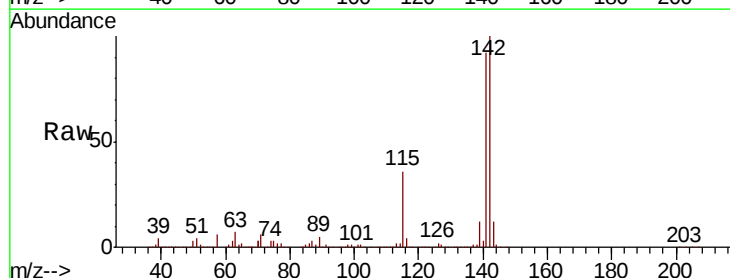
Tgt Ion:142 Resp: 2880233

Ion Ratio Lower Upper

142 100

141 91.9 74.2 111.4

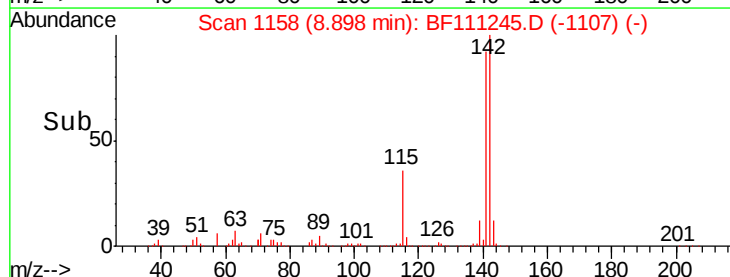
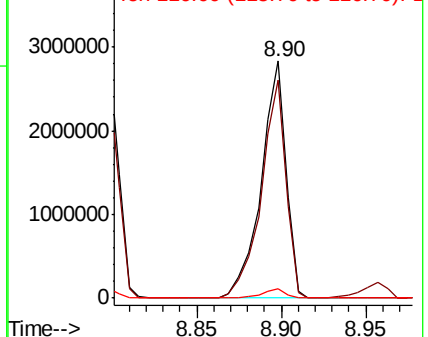
116 3.9 2.9 4.3

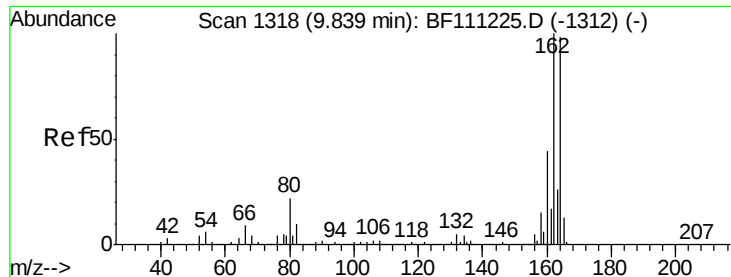


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

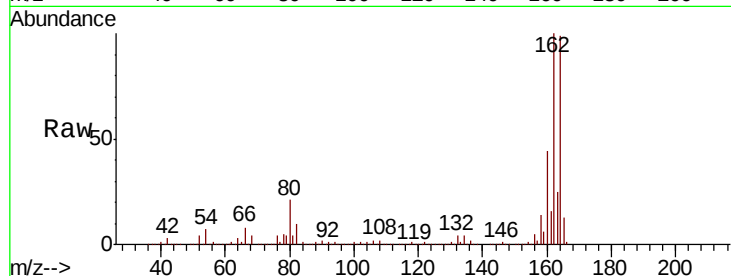




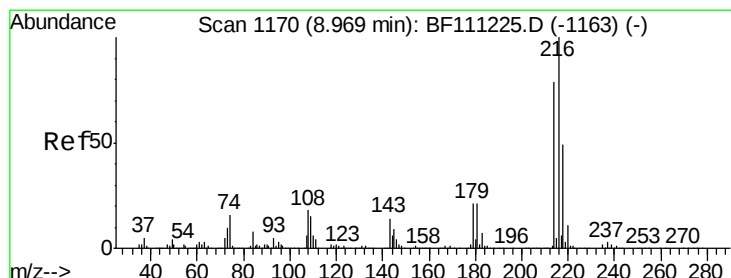
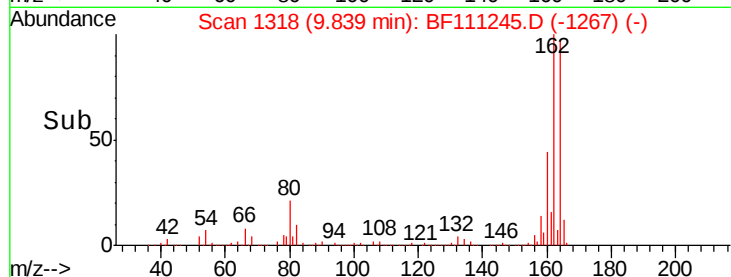
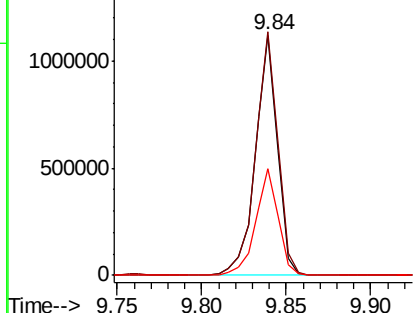
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tgt Ion:164 Resp: 1019211
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.4 122.0
 160 44.5 35.7 53.5

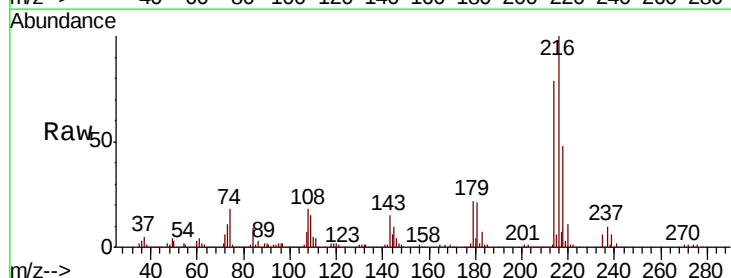


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

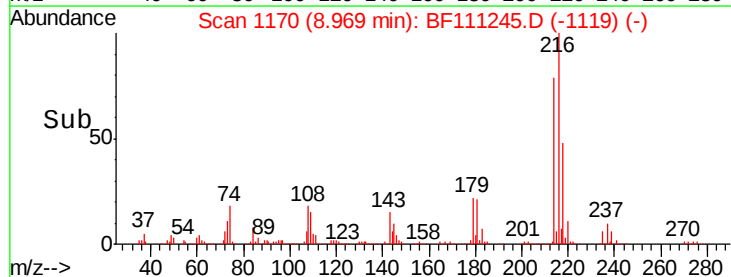
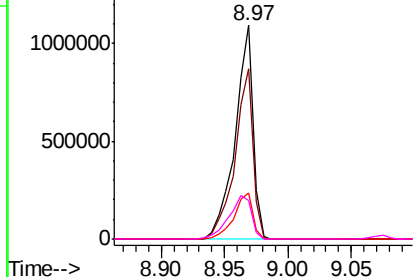


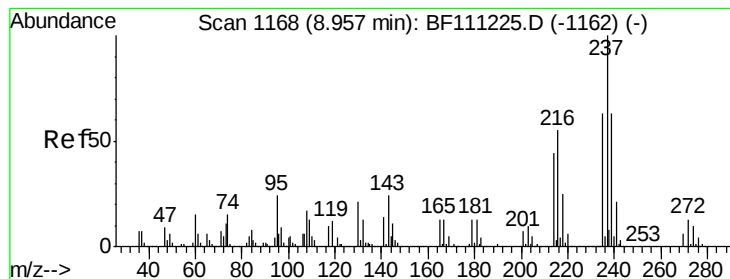
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.407 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:216 Resp: 1060863
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.8 95.8
 179 22.3 17.9 26.9
 108 25.3 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.707 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

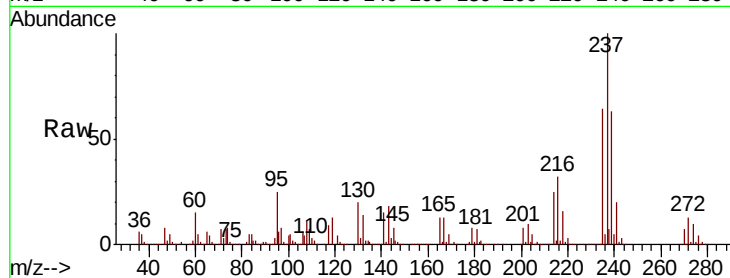
Tgt Ion:237 Resp: 1335800

Ion Ratio Lower Upper

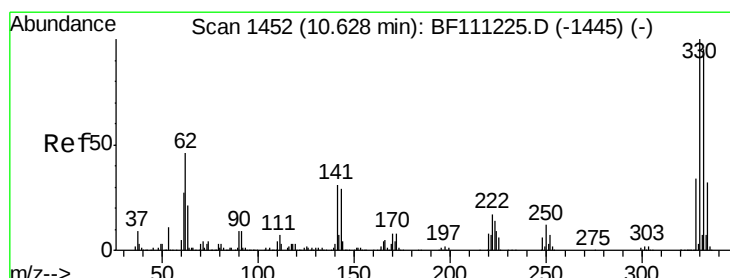
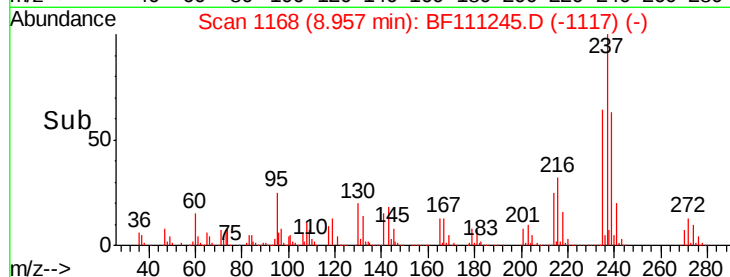
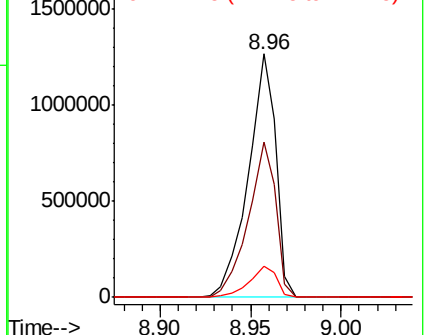
237 100

235 63.5 43.1 83.1

272 12.6 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.266 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

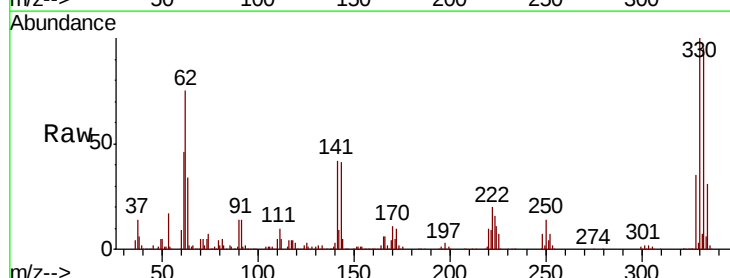
Tgt Ion:330 Resp: 1067740

Ion Ratio Lower Upper

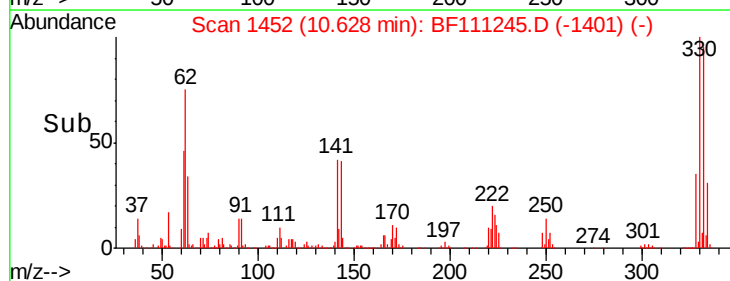
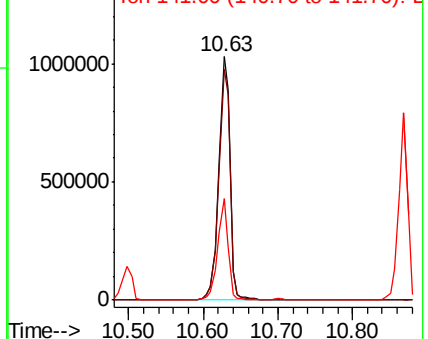
330 100

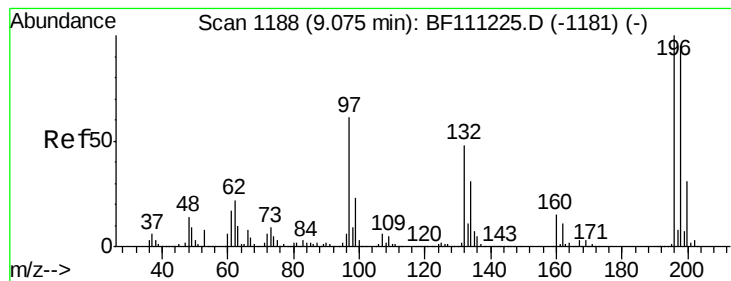
332 95.7 76.0 114.0

141 38.4 31.0 46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

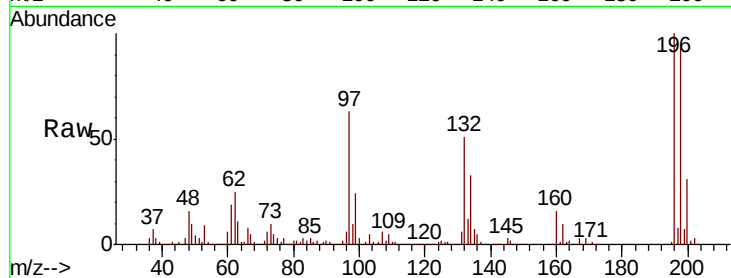




#43
 2,4,6-Trichlorophenol
 Concen: 42.002 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.3	114.5
200	31.1	24.9	37.3

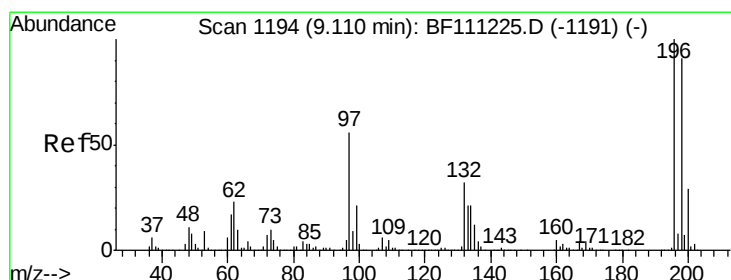
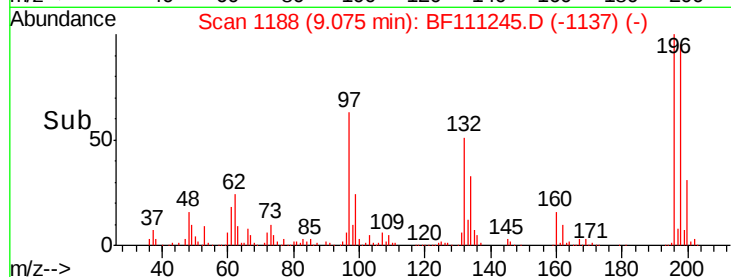
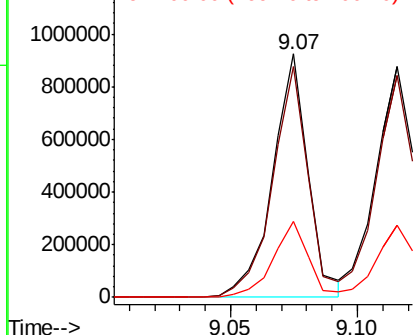


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.814 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	72.9	109.3
97	57.6	45.3	67.9
132	33.0	25.5	38.3

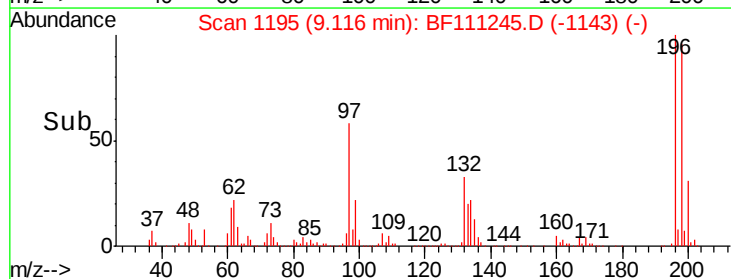
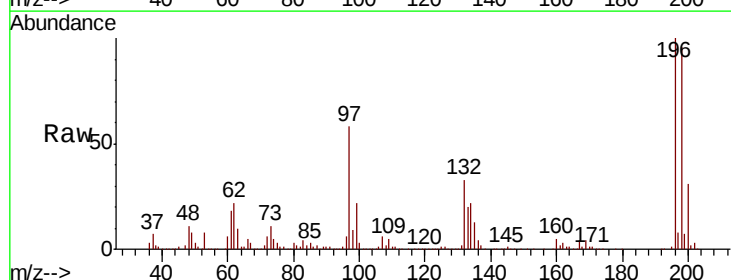
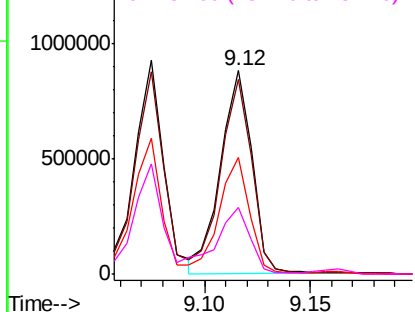
Abundance

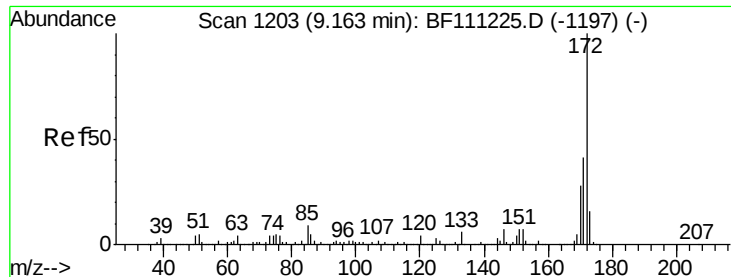
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

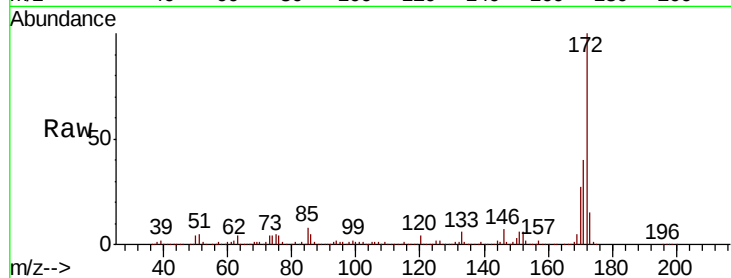




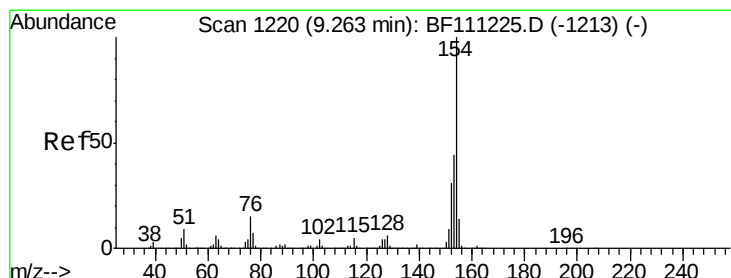
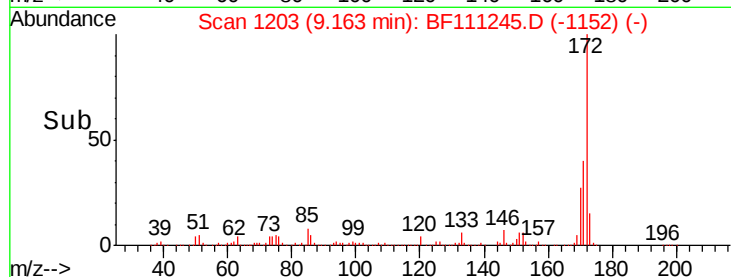
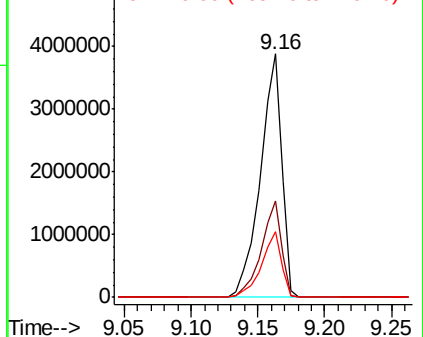
#45
2-Fluorobiphenyl
Concen: 68.616 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:172 Resp: 4268913
Ion Ratio Lower Upper
172 100
171 39.5 33.0 49.4
170 27.2 22.3 33.5

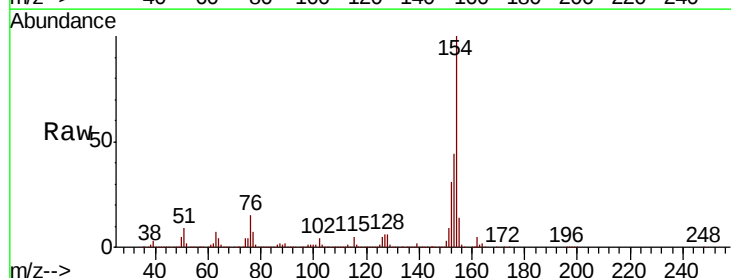


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

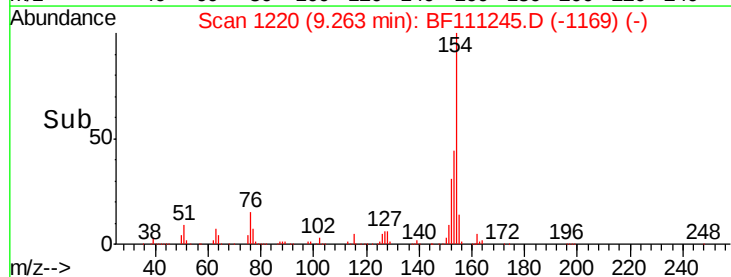
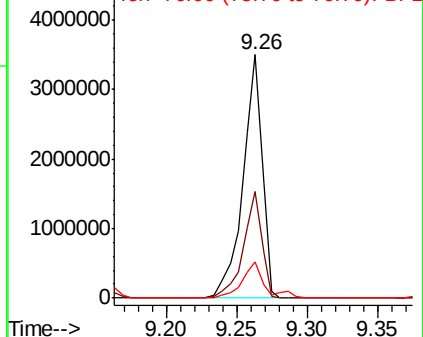


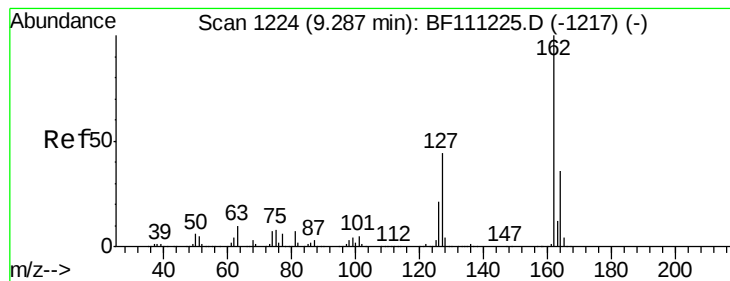
#46
1,1'-Biphenyl
Concen: 40.103 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:154 Resp: 3319447
Ion Ratio Lower Upper
154 100
153 43.8 23.7 63.7
76 14.8 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.150 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

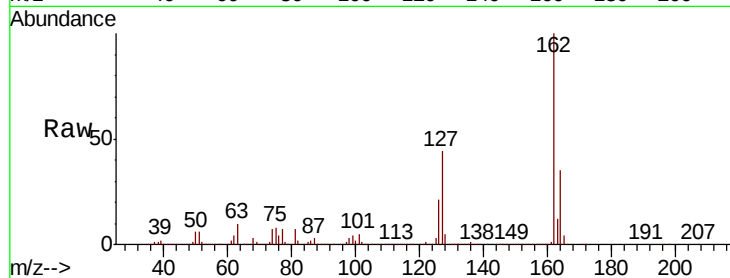
Tgt Ion: 162 Resp: 2677595

Ion Ratio Lower Upper

162 100

127 44.1 35.0 52.4

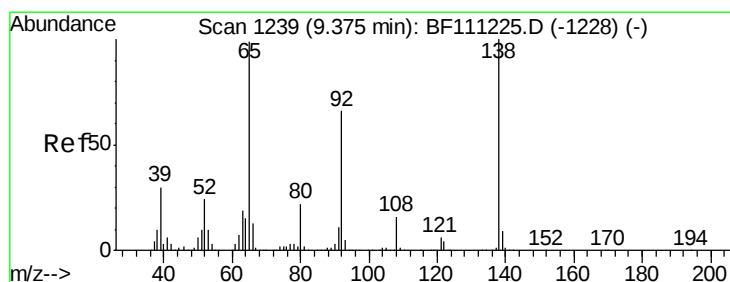
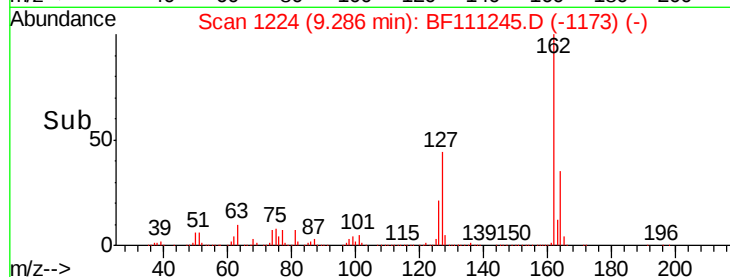
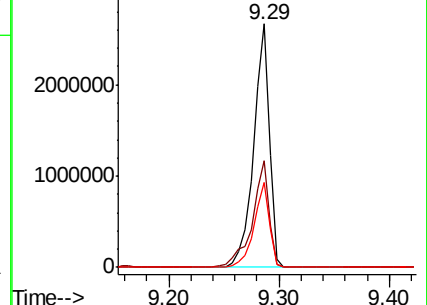
164 34.9 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.049 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

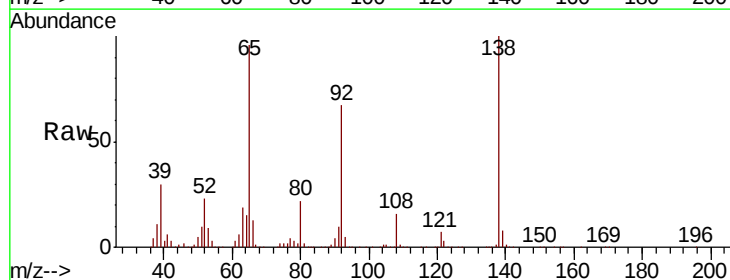
Tgt Ion: 65 Resp: 956591

Ion Ratio Lower Upper

65 100

92 69.5 53.5 80.3

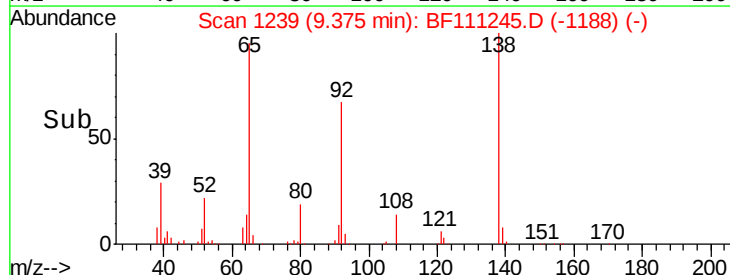
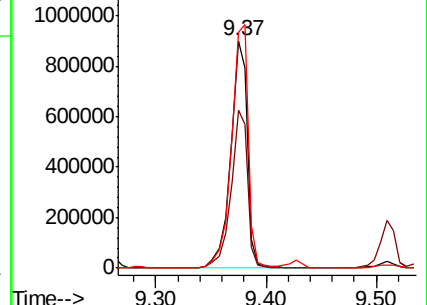
138 104.2 80.9 121.3

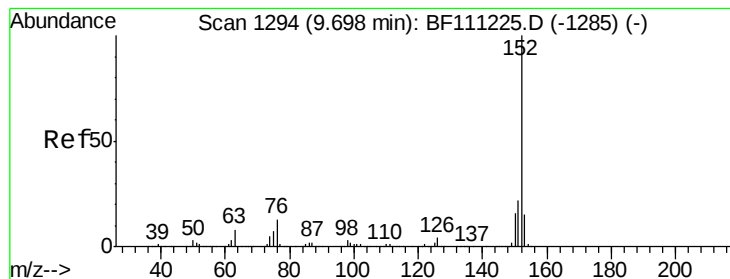


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.988 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

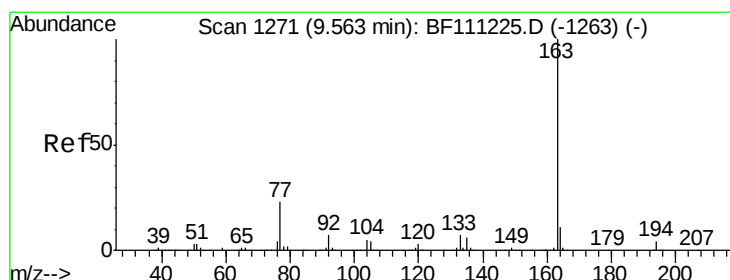
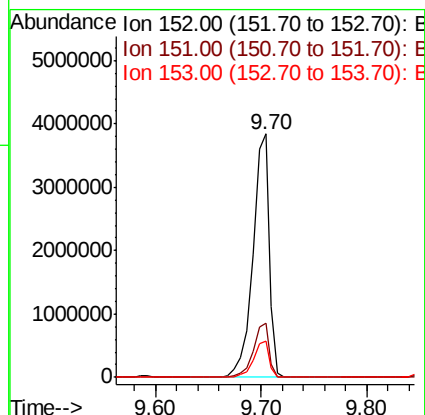
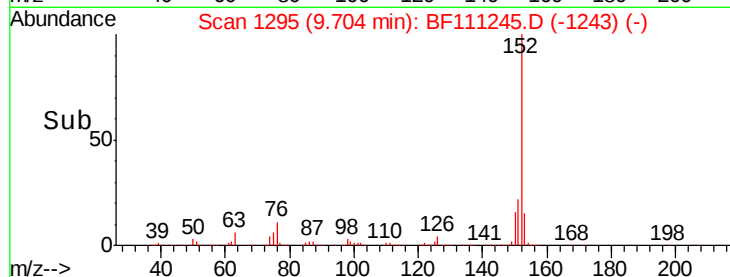
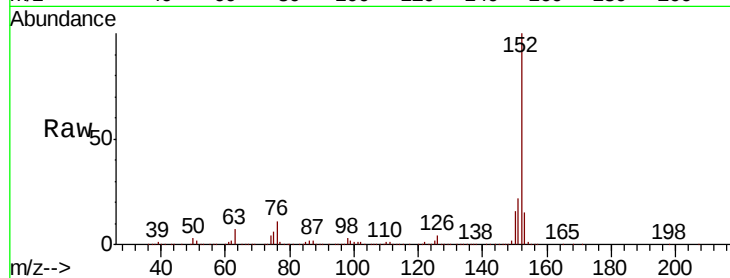
Tgt Ion:152 Resp: 4161868

Ion Ratio Lower Upper

152 100

151 22.3 18.0 27.0

153 14.7 12.3 18.5



#50

Dimethylphthalate

Concen: 41.077 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

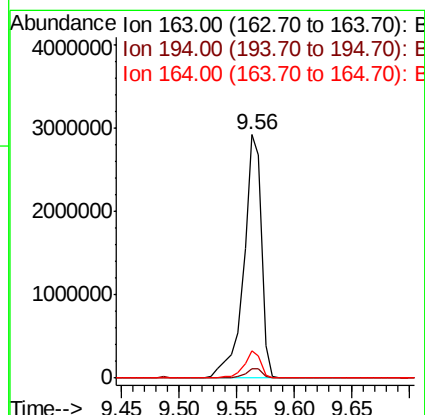
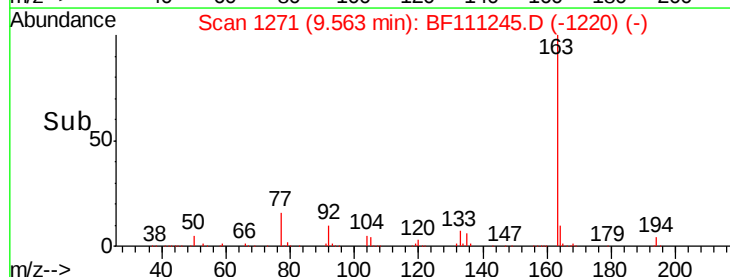
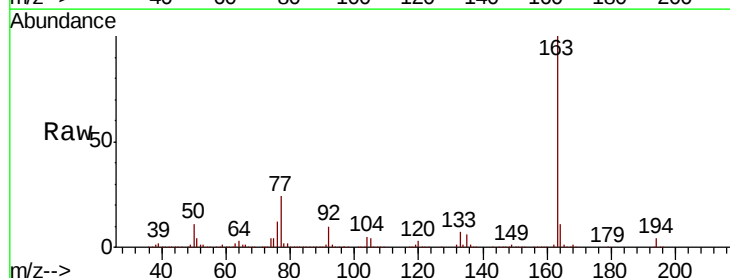
Tgt Ion:163 Resp: 3089129

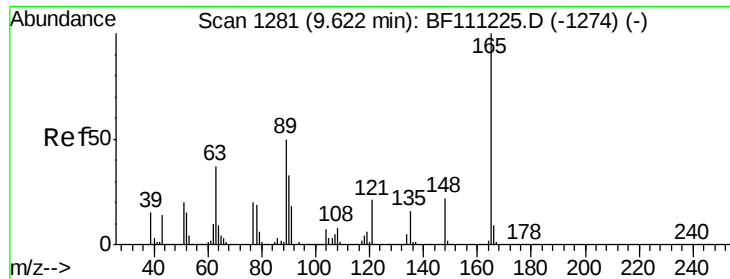
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 11.4 8.9 13.3

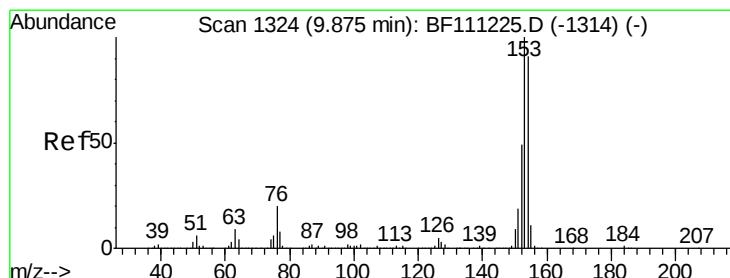
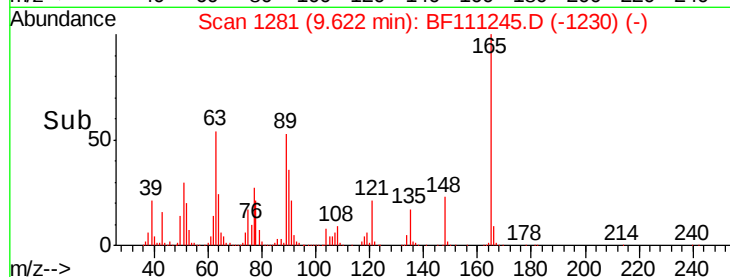
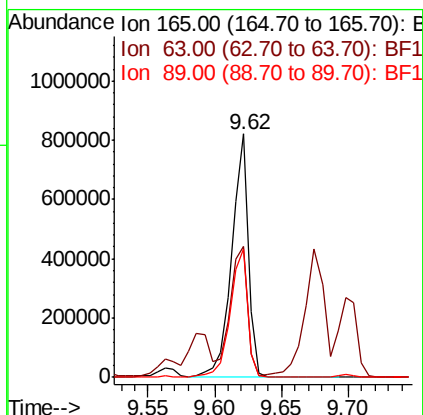
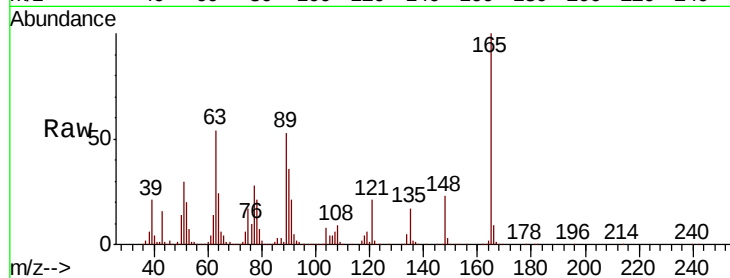




#51
2,6-Dinitrotoluene
Concen: 44.072 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

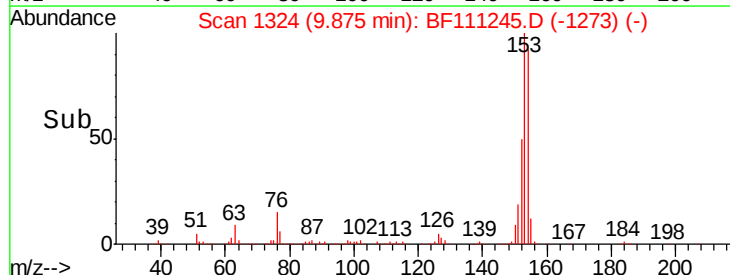
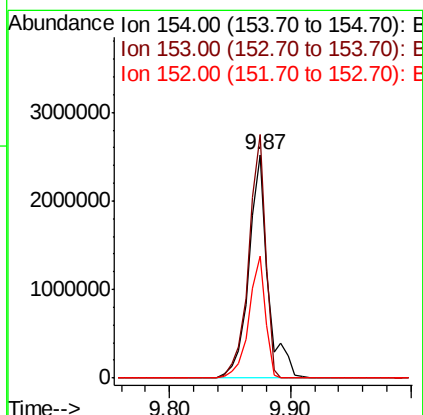
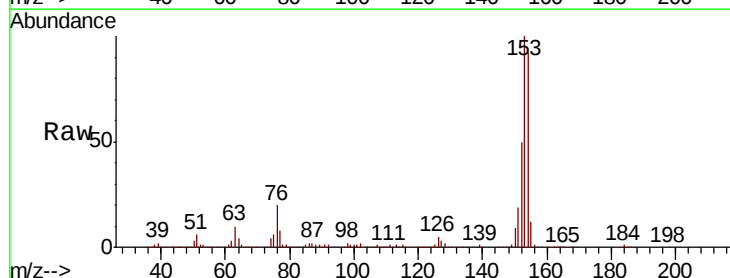
Instrument :
BNA_F
ClientSampleId :
PB115384BS

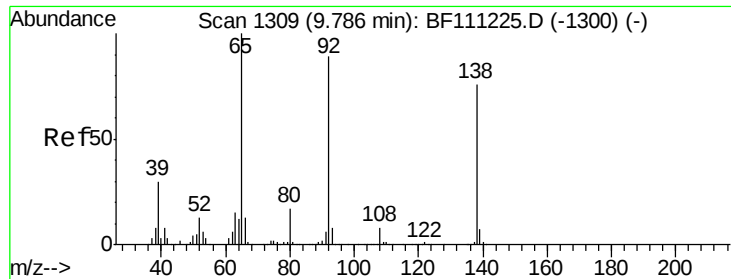
Tgt Ion:165 Resp: 731935
Ion Ratio Lower Upper
165 100
63 53.9 40.5 60.7
89 52.9 40.0 60.0



#52
Acenaphthene
Concen: 45.941 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:154 Resp: 2791172
Ion Ratio Lower Upper
154 100
153 108.9 87.8 131.8
152 54.6 43.4 65.2

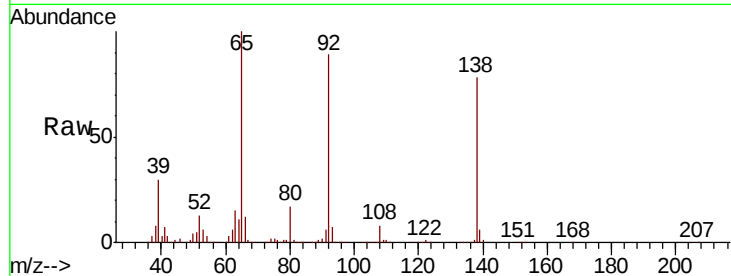




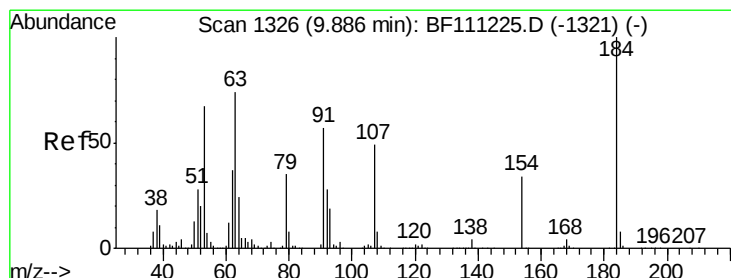
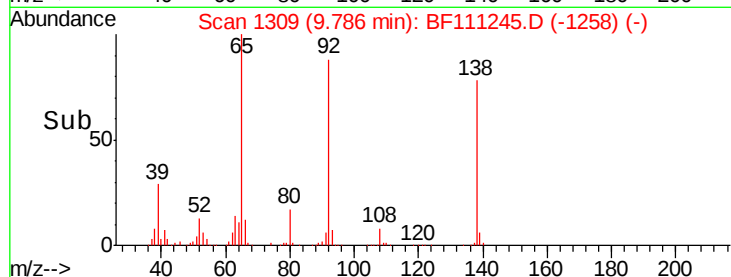
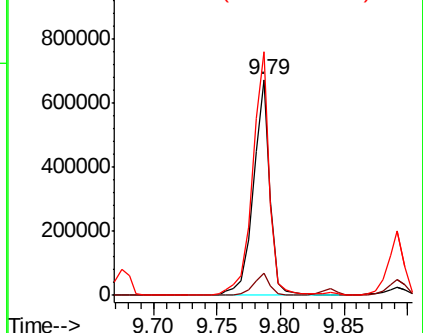
#53
3-Nitroaniline
Concen: 30.131 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:138 Resp: 617665
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 113.0 93.4 140.2

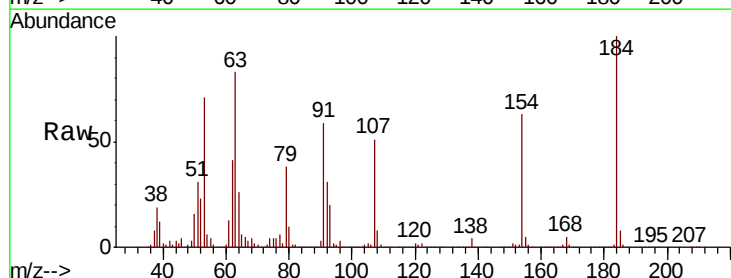


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

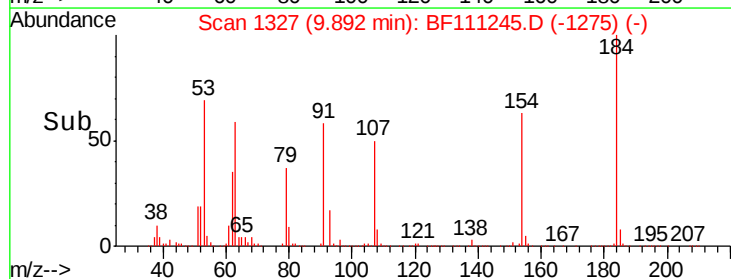
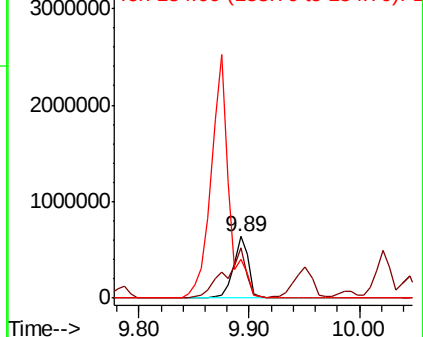


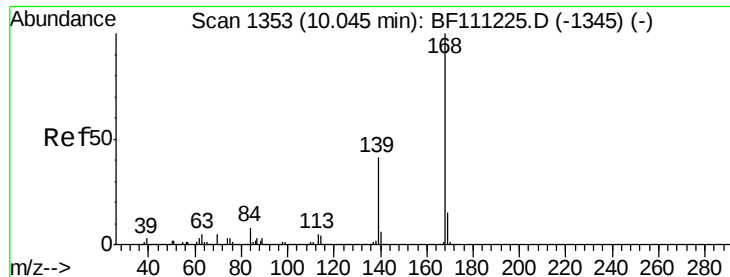
#54
2,4-Dinitrophenol
Concen: 93.997 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:184 Resp: 616892
Ion Ratio Lower Upper
184 100
63 82.5 62.3 93.5
154 62.7 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.771 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

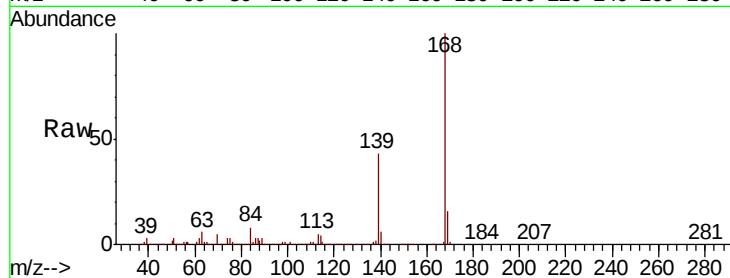
Tgt Ion:168 Resp: 3617894

Ion Ratio Lower Upper

168 100

139 42.6 32.6 49.0

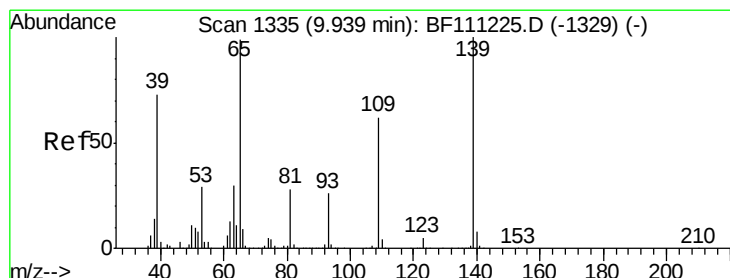
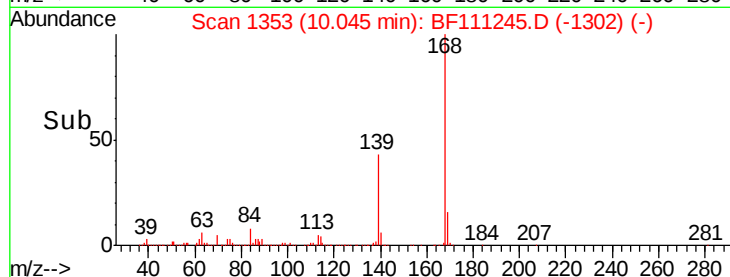
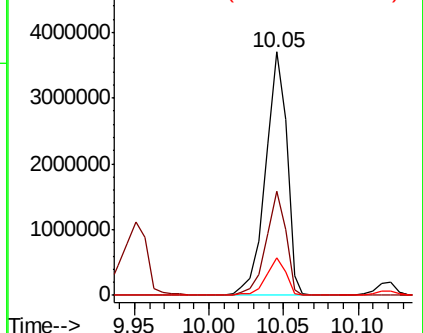
169 15.6 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.661 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

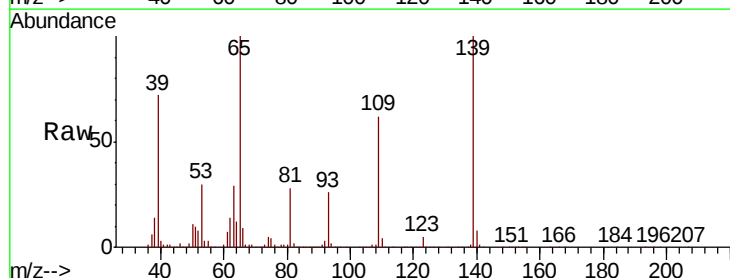
Tgt Ion:139 Resp: 1319711

Ion Ratio Lower Upper

139 100

109 62.0 41.8 81.8

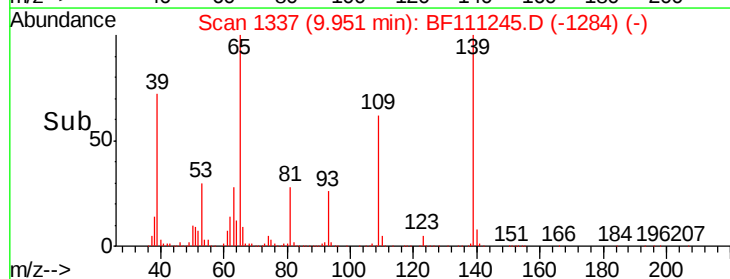
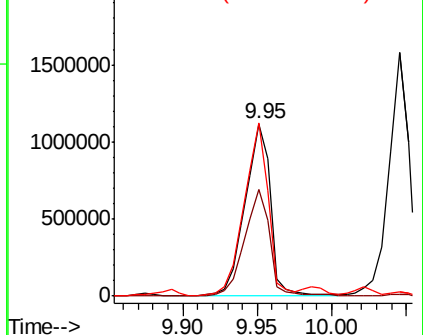
65 100.2 79.6 119.6

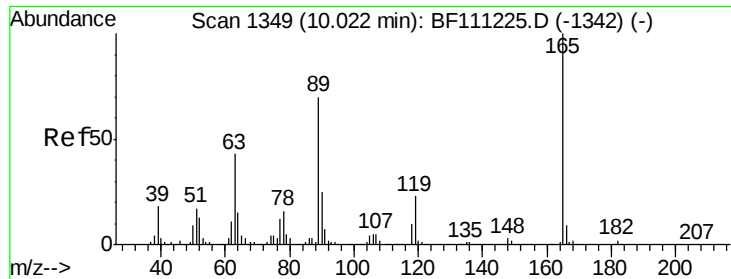


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

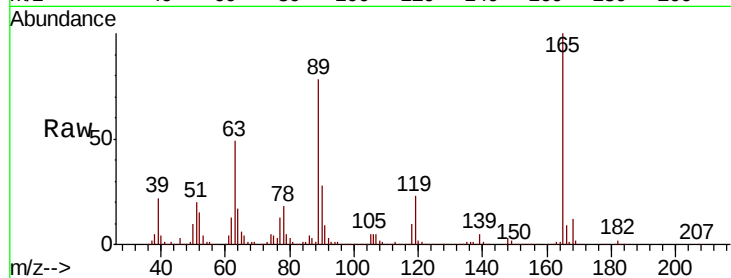




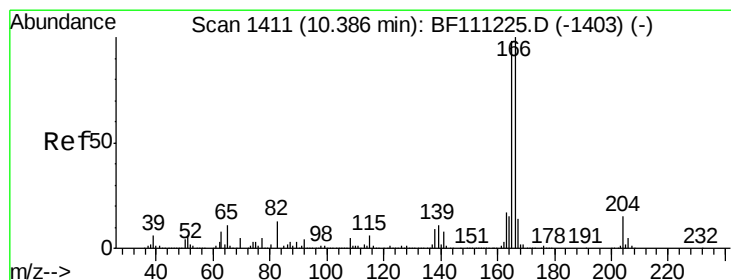
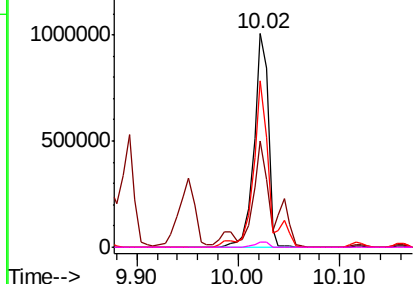
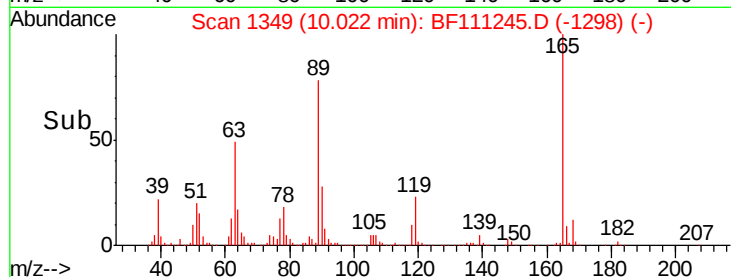
#57
 2,4-Dinitrotoluene
 Concen: 47.589 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	34.6	52.0
89	77.9	56.2	84.4
182	2.4	1.8	2.6

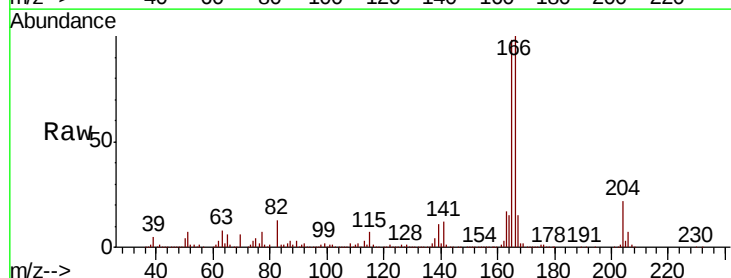


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

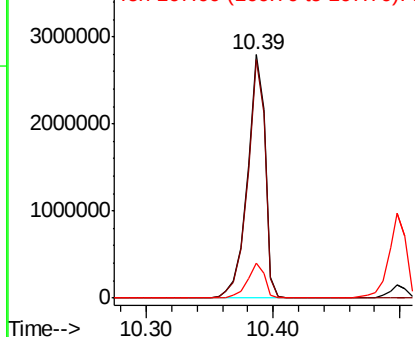
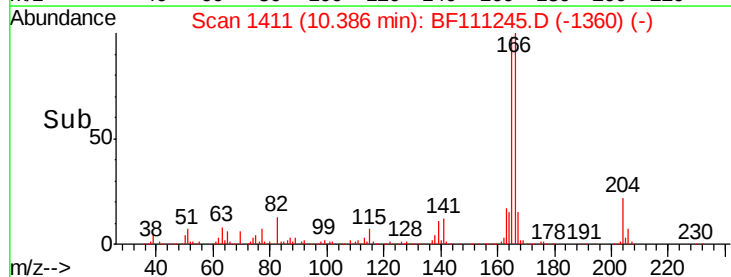


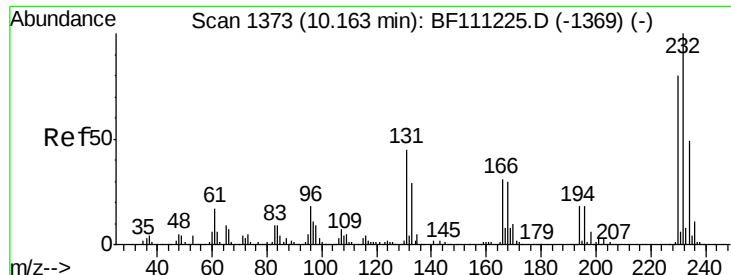
#58
 Fluorene
 Concen: 42.059 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	14.6	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

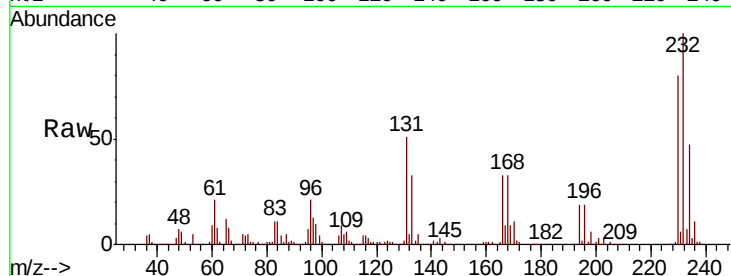




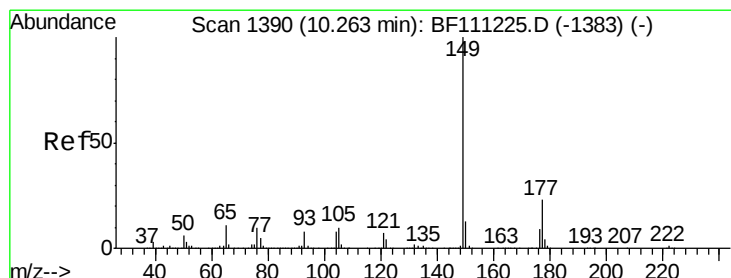
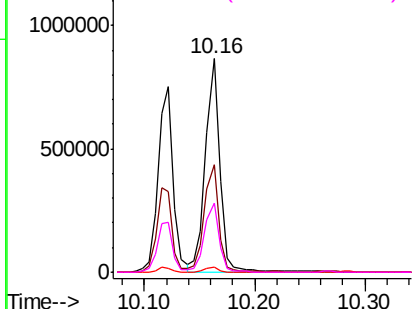
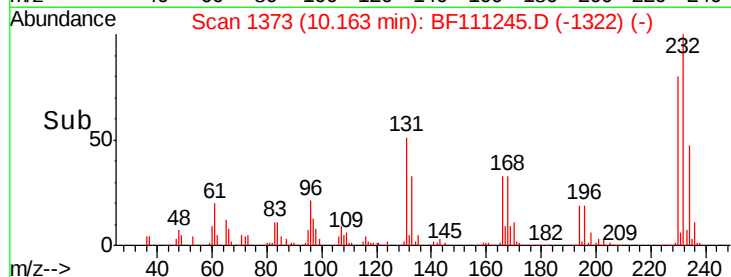
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.080 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tgt Ion:	232	Resp:	757766
Ion	Ratio	Lower	Upper
232	100		
131	51.0	40.9	61.3
130	2.4	2.0	3.0
166	32.9	26.8	40.2

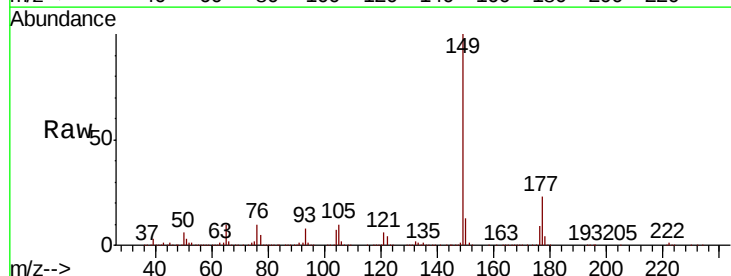


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

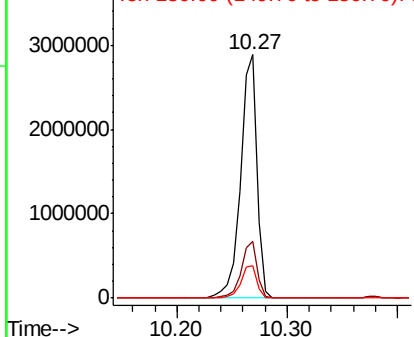
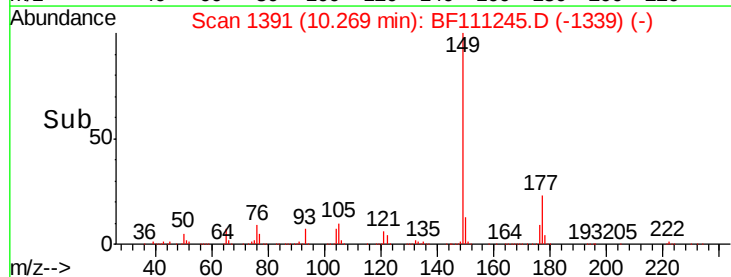


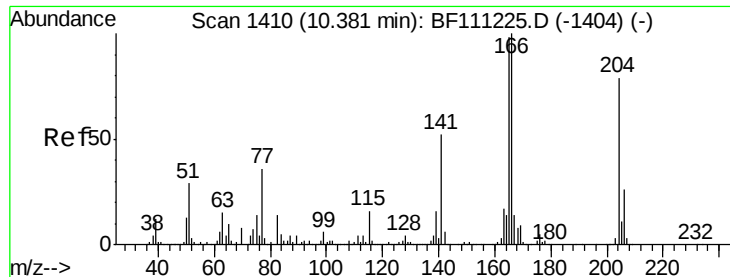
#60
 Diethylphthalate
 Concen: 41.784 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:	149	Resp:	2995763
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	13.4	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

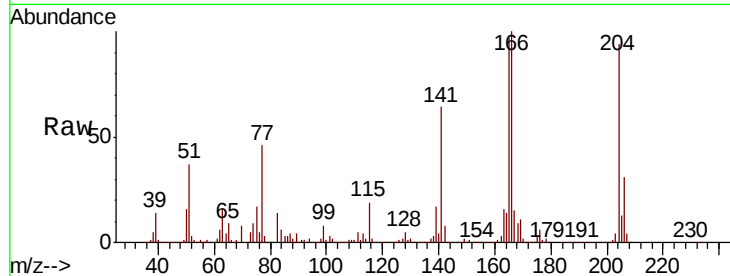




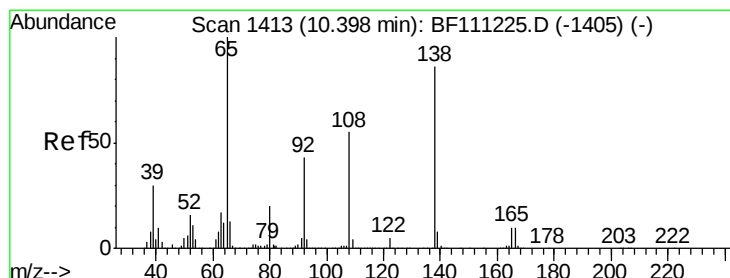
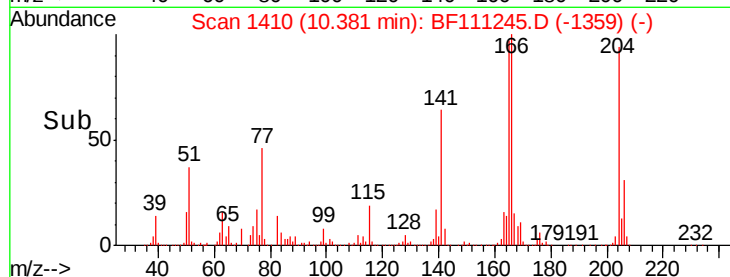
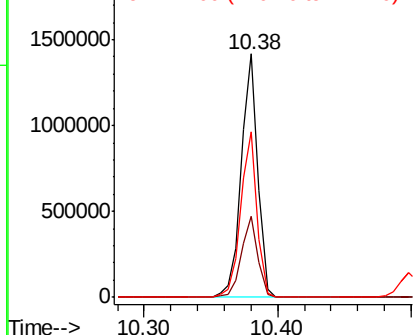
#61
4-Chlorophenyl-phenylether
Concen: 38.373 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion: 204 Resp: 1218623
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 68.0 52.6 78.8

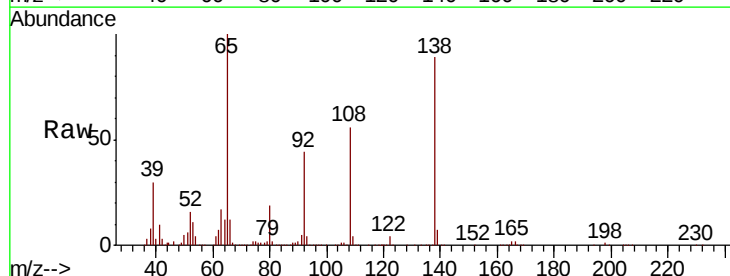


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

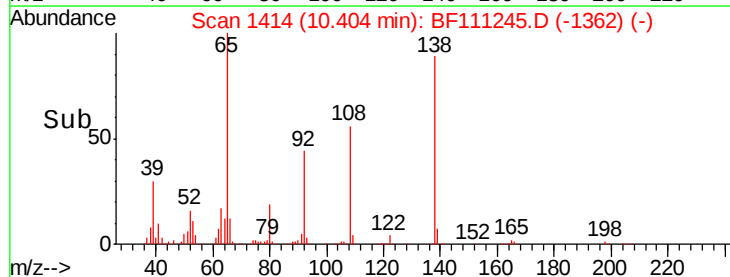
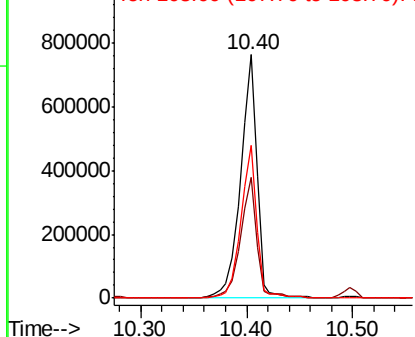


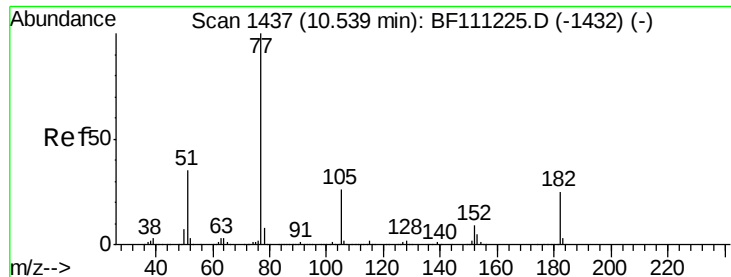
#62
4-Nitroaniline
Concen: 42.129 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 138 Resp: 817138
Ion Ratio Lower Upper
138 100
92 49.8 29.9 69.9
108 62.6 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.644 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tgt Ion: 77 Resp: 3099840

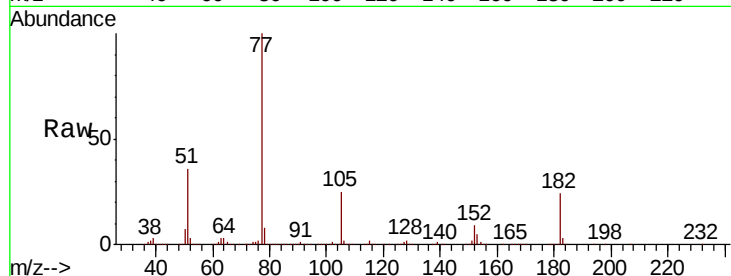
Ion Ratio Lower Upper

77 100

182 23.8 4.9 44.9

105 25.1 6.0 46.0

51 35.9 14.7 54.7

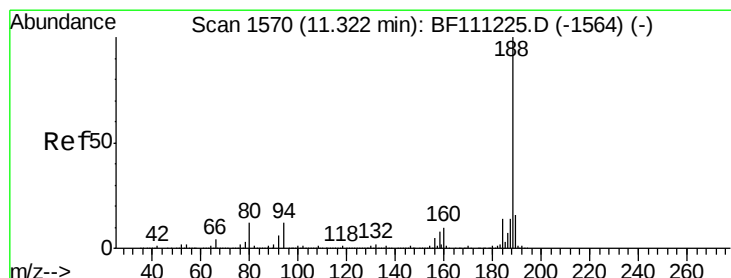
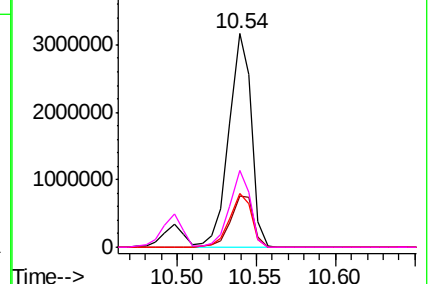
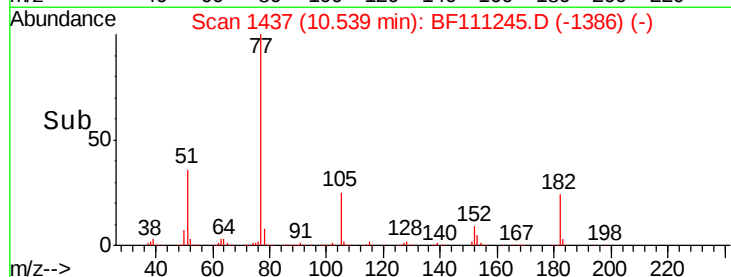


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

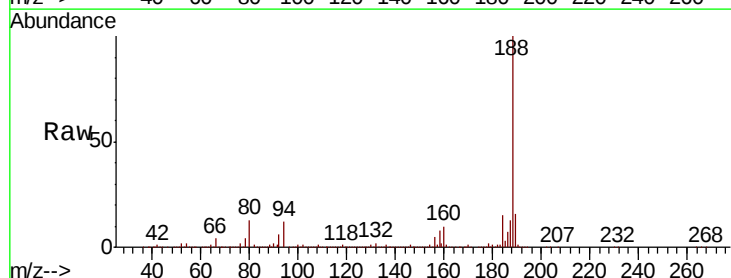
Tgt Ion: 188 Resp: 1737435

Ion Ratio Lower Upper

188 100

94 11.9 9.6 14.4

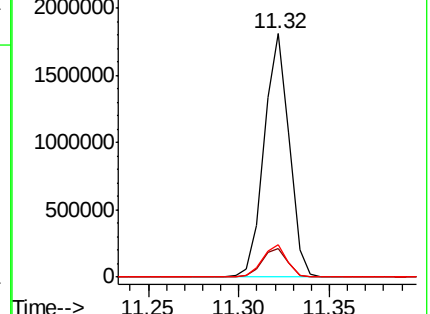
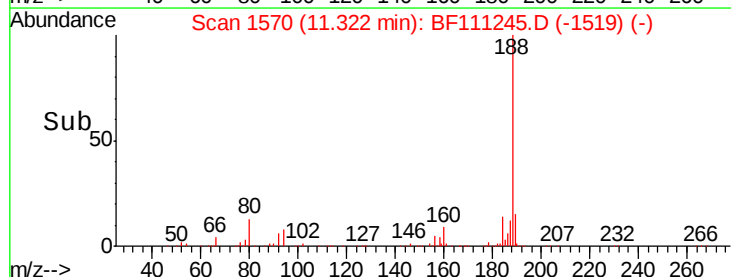
80 13.1 9.8 14.6

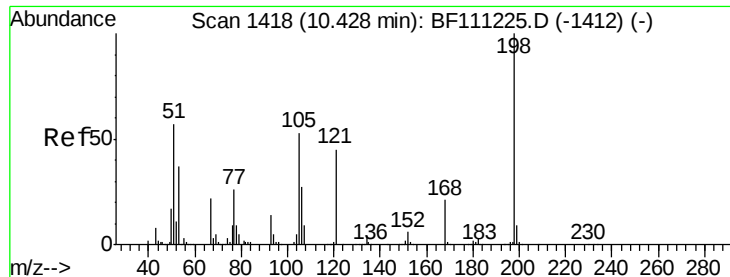


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.240 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

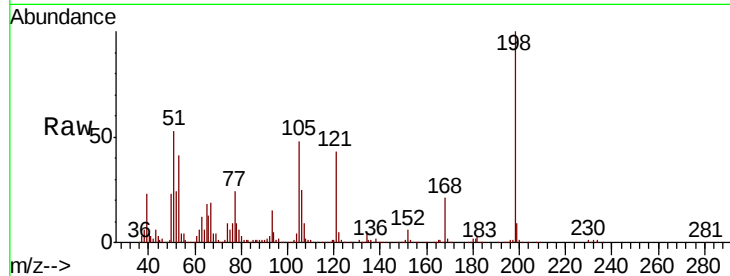
Tgt Ion:198 Resp: 401719

Ion Ratio Lower Upper

198 100

51 53.2 48.0 88.0

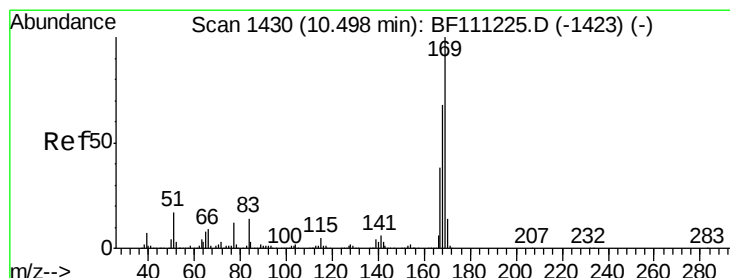
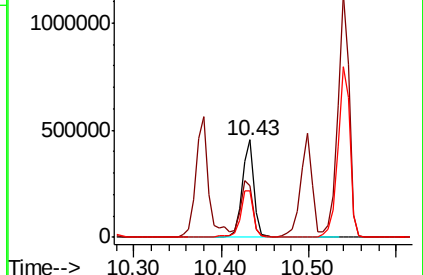
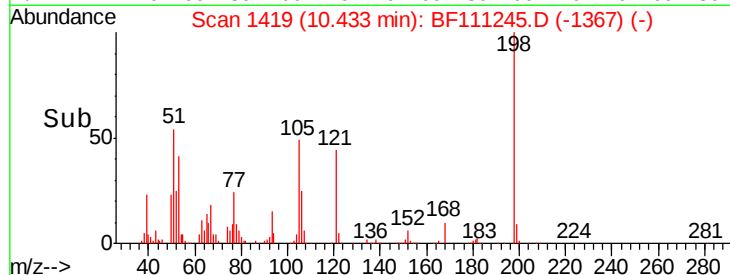
105 47.9 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.010 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

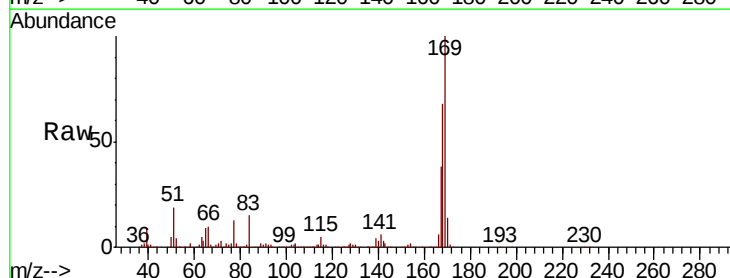
Tgt Ion:169 Resp: 2543779

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

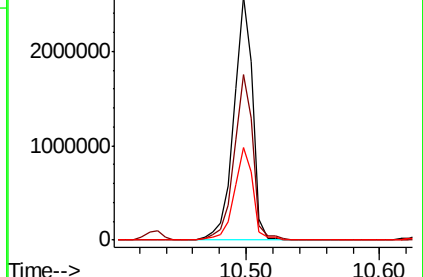
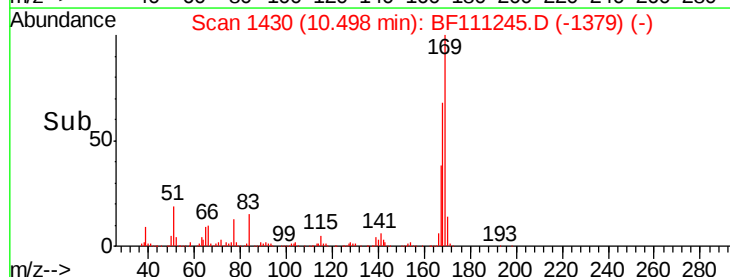
167 38.0 30.5 45.7

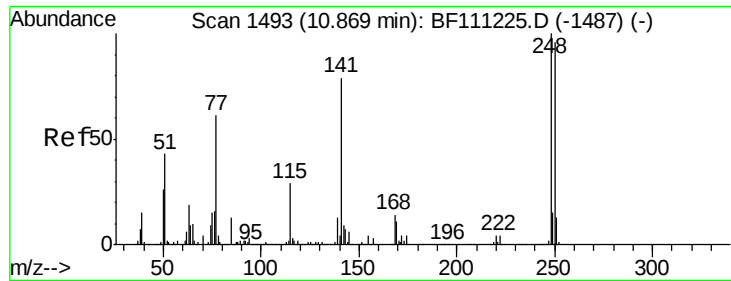


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

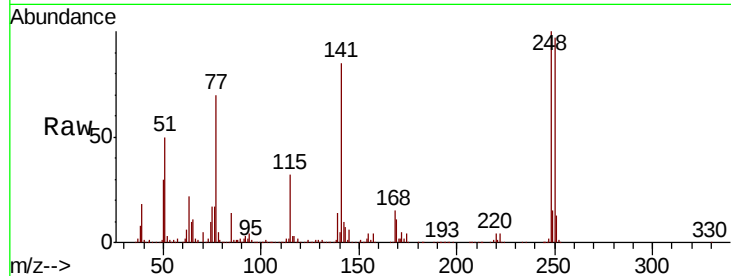




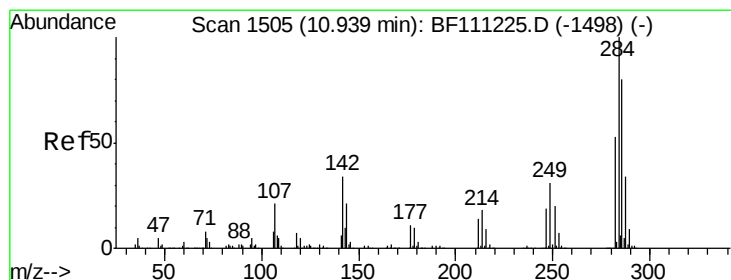
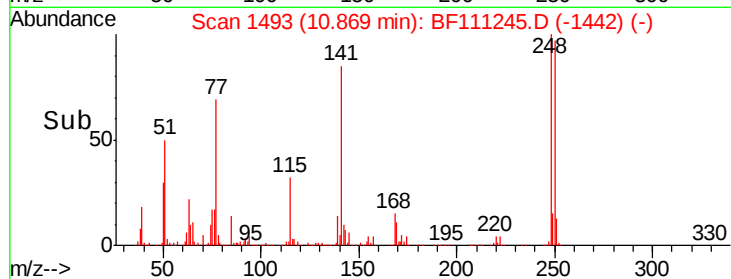
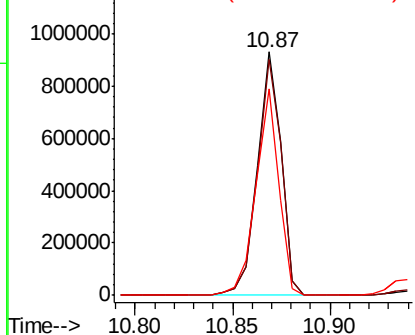
#67
 4-Bromophenyl-phenylether
 Concen: 41.308 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tgt Ion:248 Resp: 786079
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.0 115.4
 141 85.1 63.0 94.6

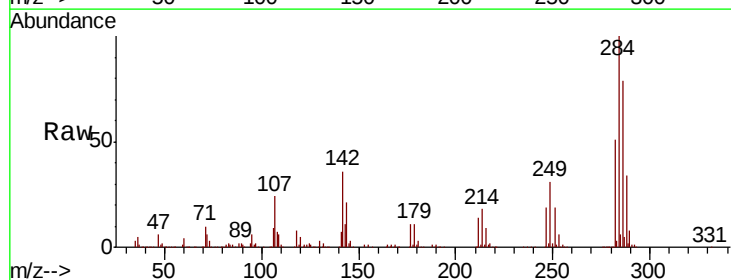


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

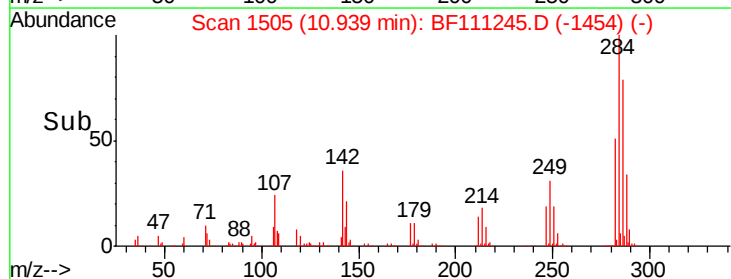
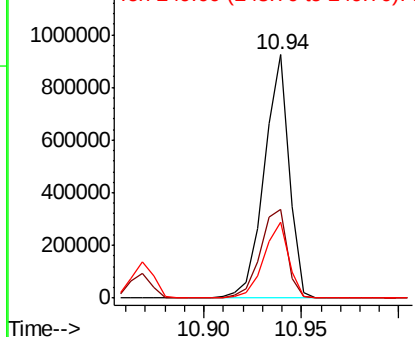


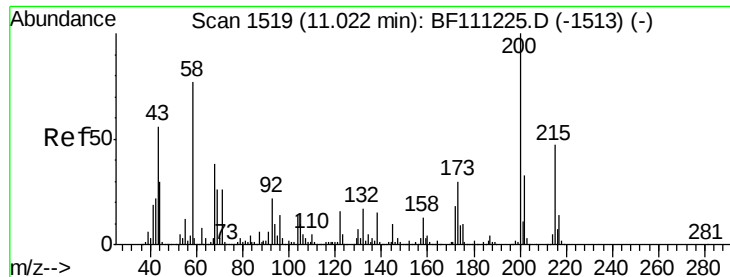
#68
 Hexachlorobenzene
 Concen: 41.961 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:284 Resp: 812307
 Ion Ratio Lower Upper
 284 100
 142 36.4 27.4 41.2
 249 31.3 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

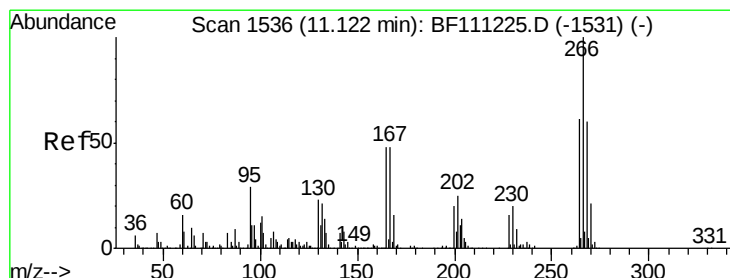
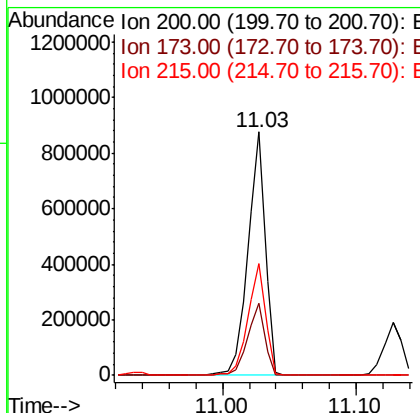
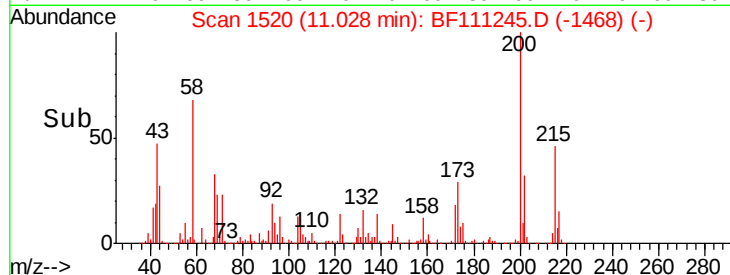
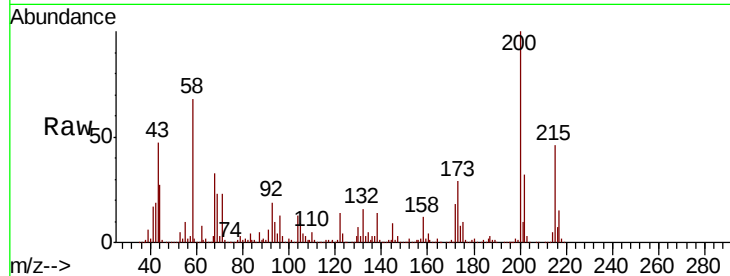




#69
 Atrazine
 Concen: 43.112 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

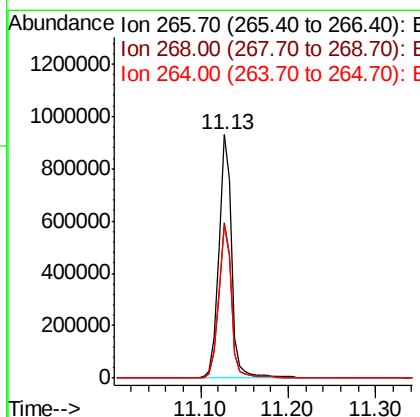
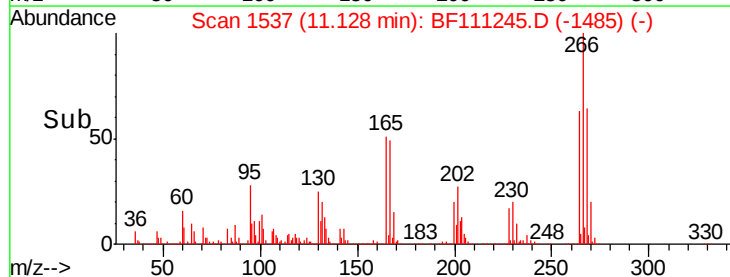
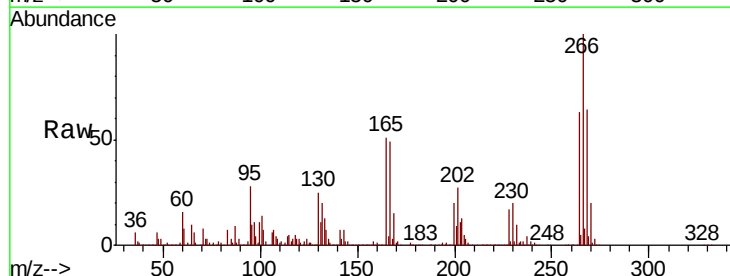
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

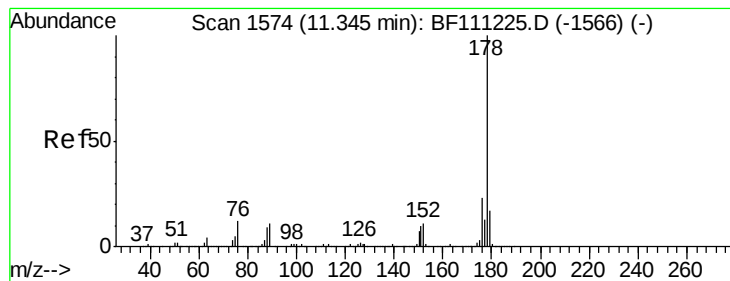
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	10.1	50.1
215	45.8	26.9	66.9



#70
 Pentachlorophenol
 Concen: 68.189 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.9	71.9
264	63.0	49.1	73.7





#71

Phenanthrene

Concen: 42.457 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

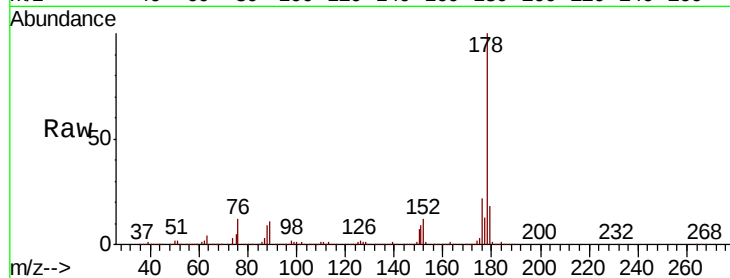
Tgt Ion:178 Resp: 3720687

Ion Ratio Lower Upper

178 100

176 22.2 18.1 27.1

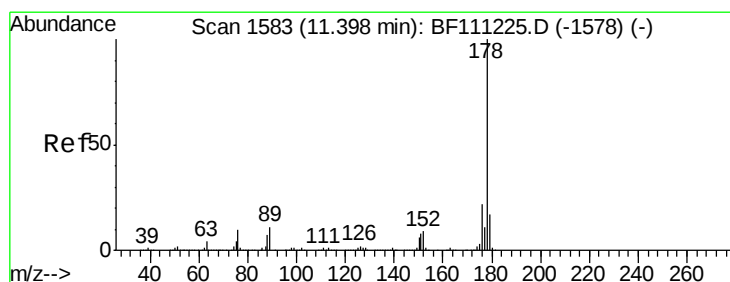
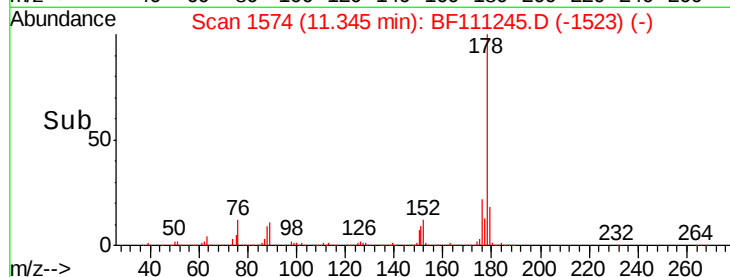
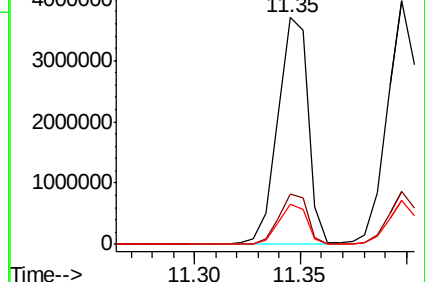
179 17.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.161 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

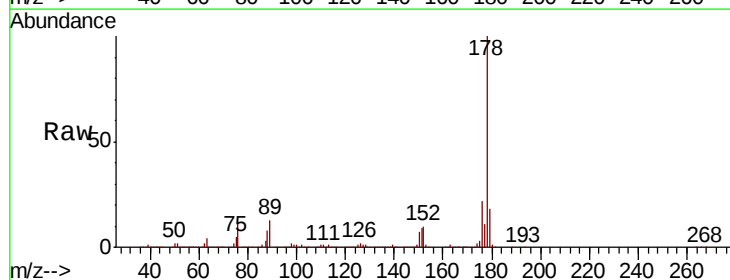
Tgt Ion:178 Resp: 3865473

Ion Ratio Lower Upper

178 100

176 21.8 17.2 25.8

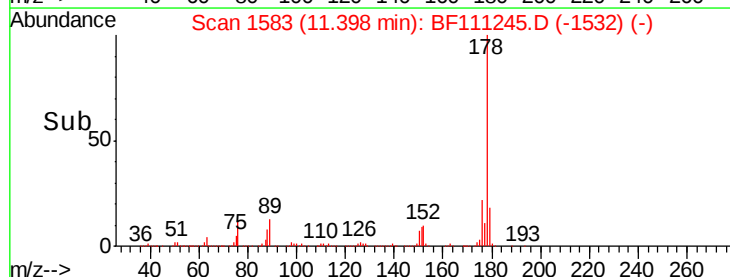
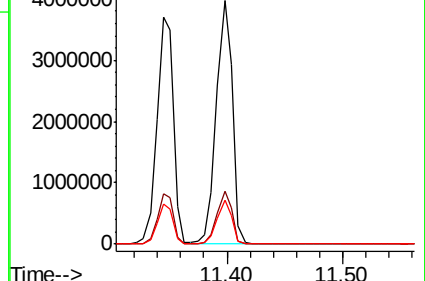
179 17.8 13.8 20.8

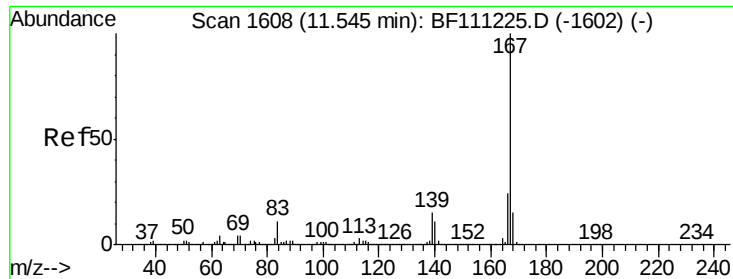


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

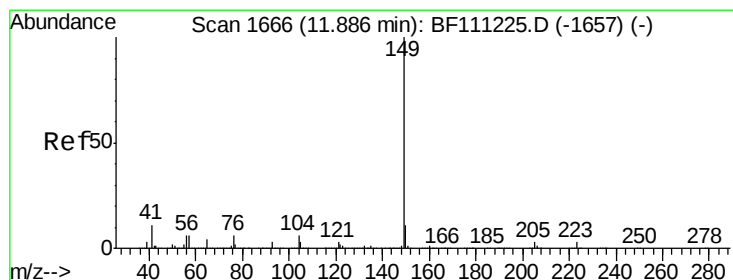
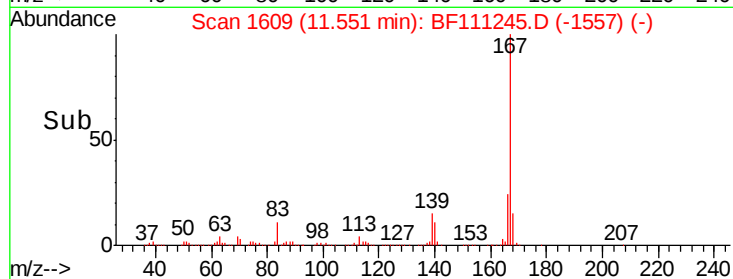
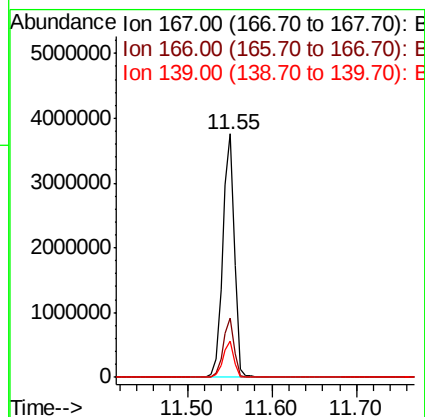
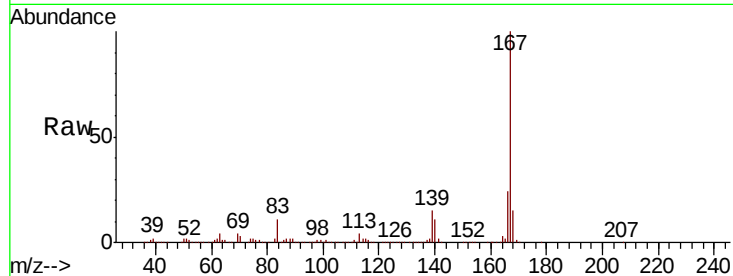




#73
 Carbazole
 Concen: 38.316 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

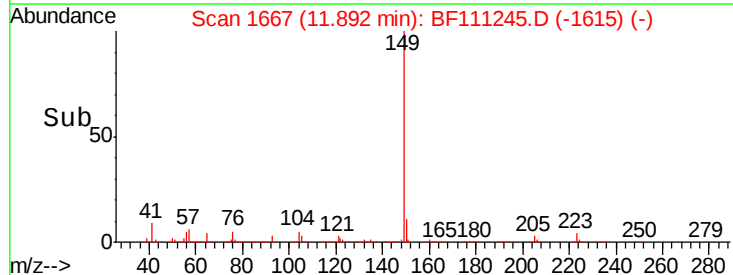
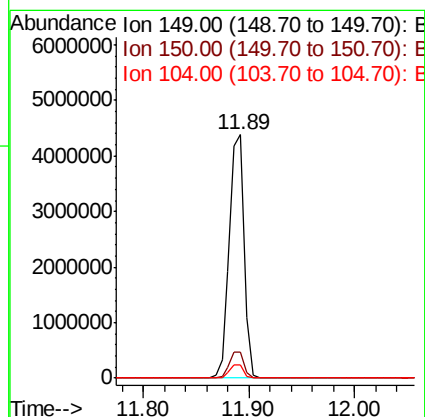
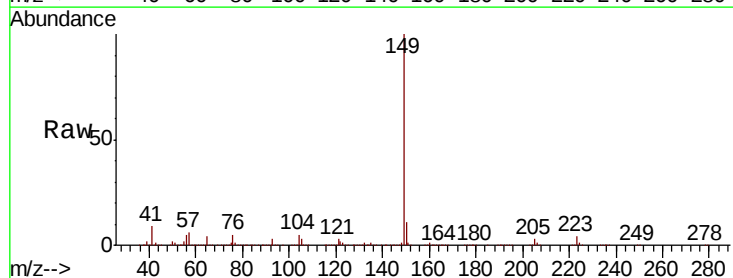
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

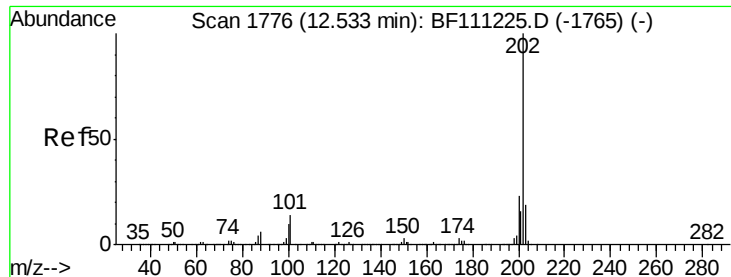
Tgt Ion:167 Resp: 3673316
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.3 28.9
 139 14.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 43.072 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:149 Resp: 4244279
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.8 13.2
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 45.716 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

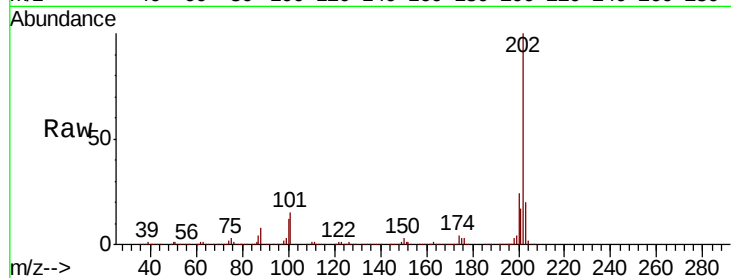
Tgt Ion:202 Resp: 3659703

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.8

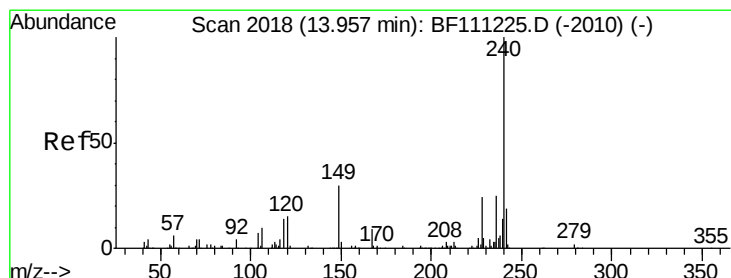
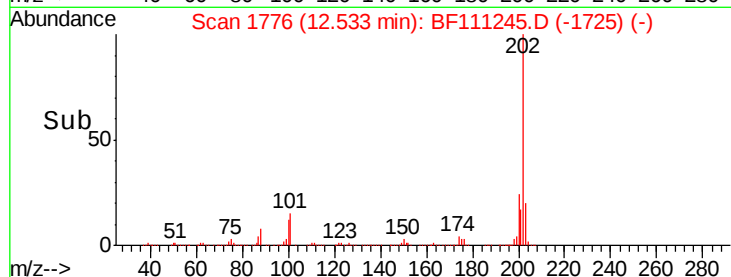
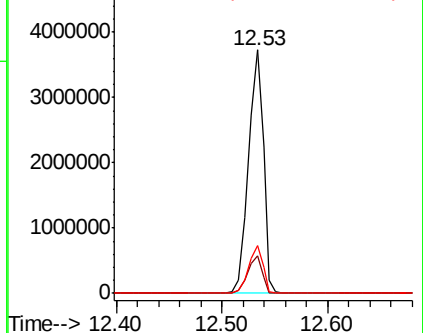
203 19.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

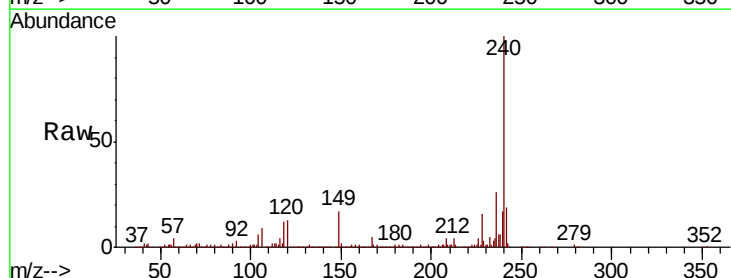
Tgt Ion:240 Resp: 1109707

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

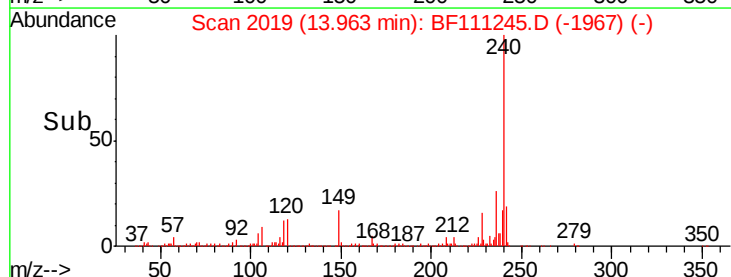
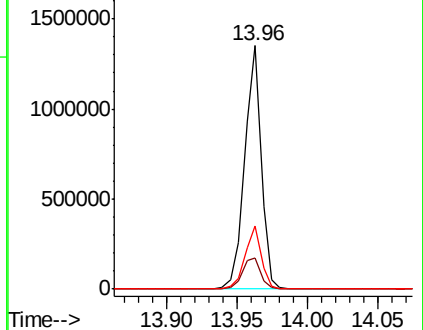
236 25.8 20.2 30.2

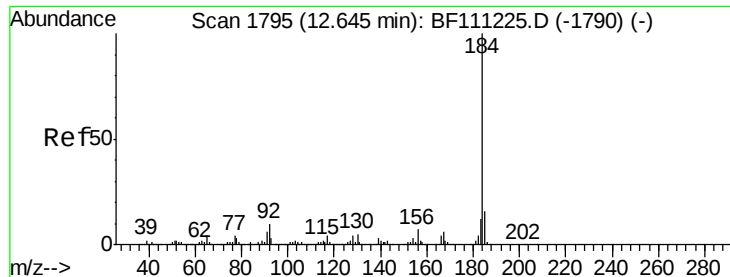


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.562 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

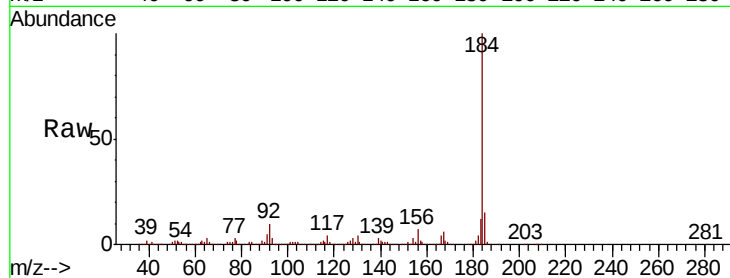
Tgt Ion:184 Resp: 1600088

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

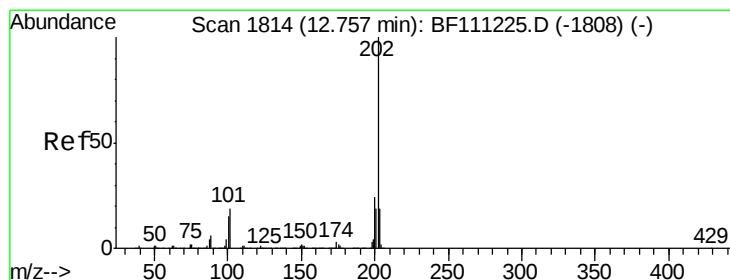
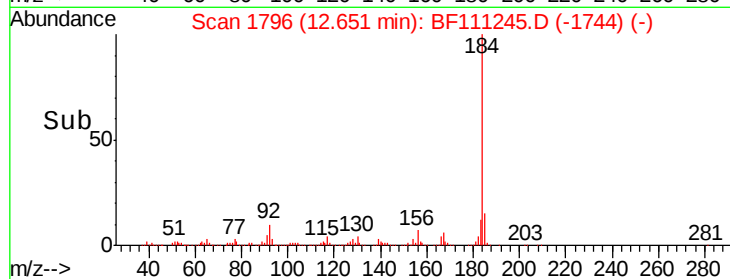
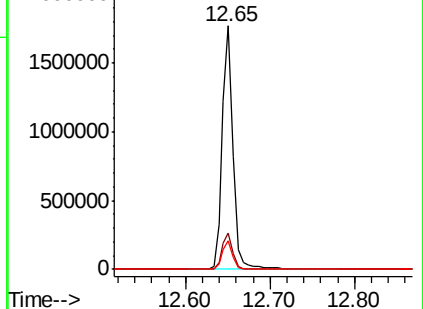
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.935 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

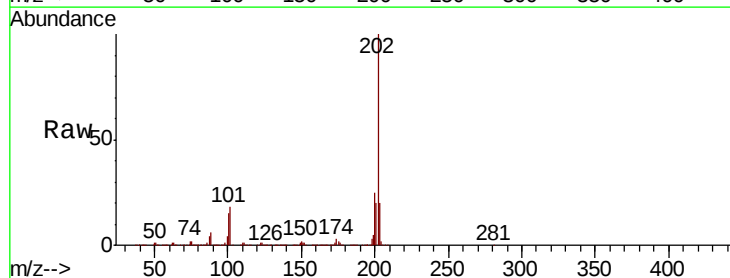
Tgt Ion:202 Resp: 3721950

Ion Ratio Lower Upper

202 100

200 24.8 19.0 28.4

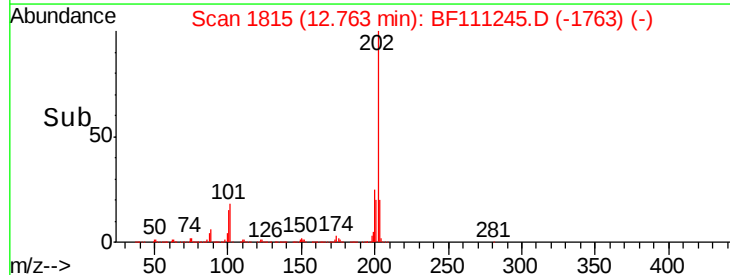
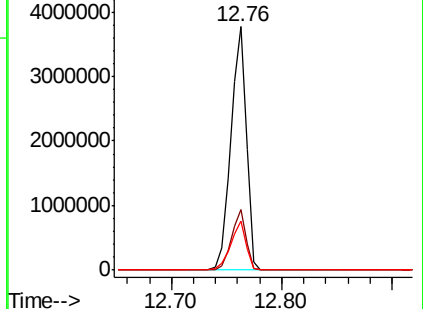
203 20.2 15.2 22.8

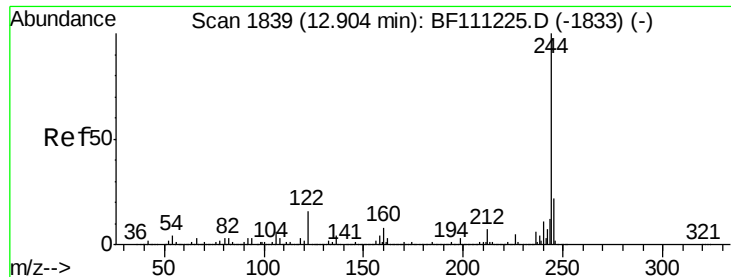


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

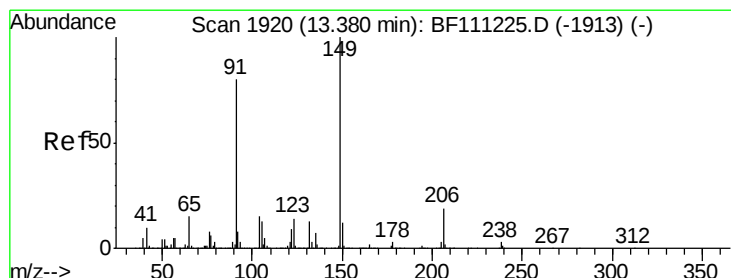
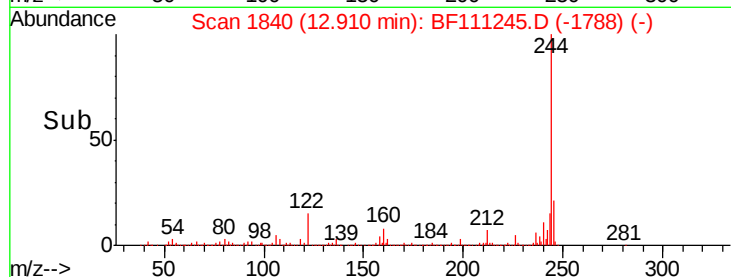
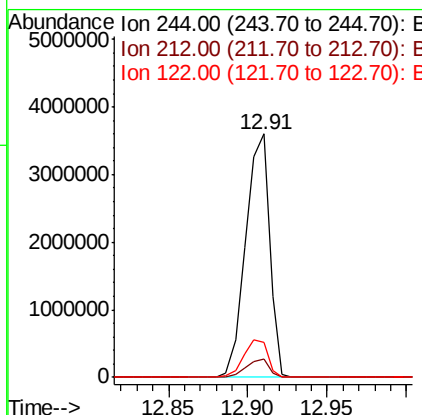
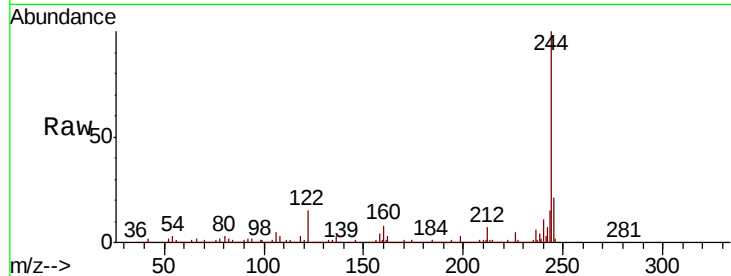




#79
 Terphenyl-d14
 Concen: 81.482 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

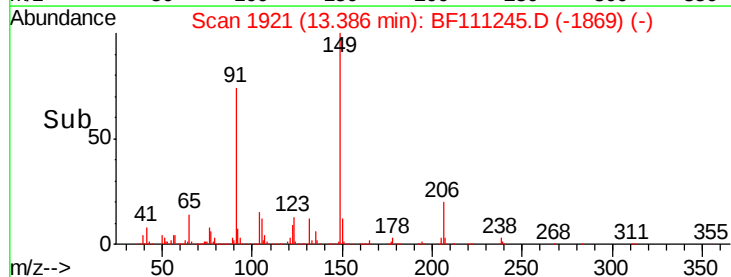
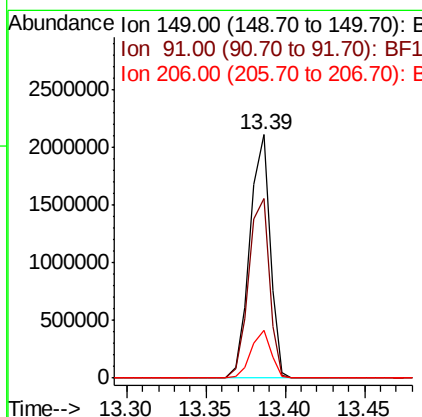
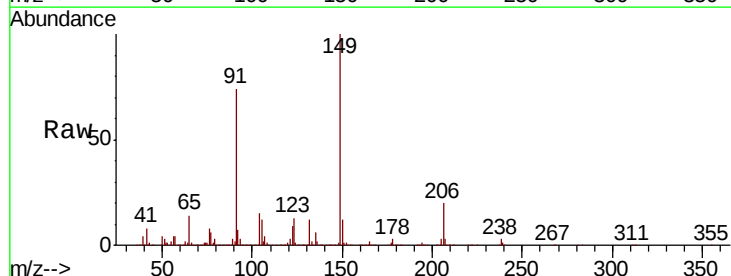
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

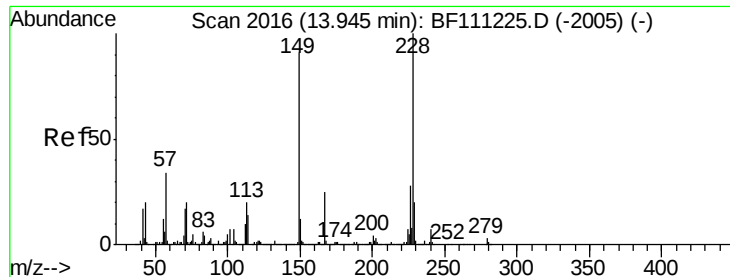
Tgt Ion:244 Resp: 3769667
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 14.6 13.1 19.7



#80
 Butylbenzylphthalate
 Concen: 45.242 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:149 Resp: 1873950
 Ion Ratio Lower Upper
 149 100
 91 73.9 63.8 95.6
 206 19.8 15.1 22.7

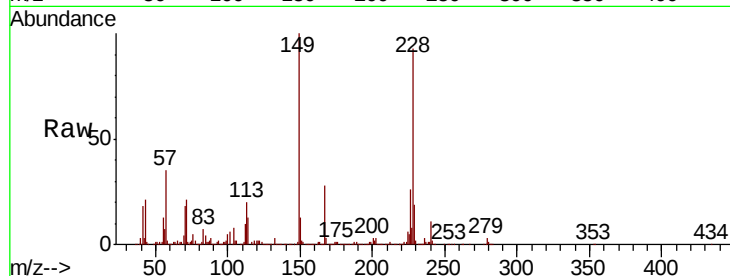




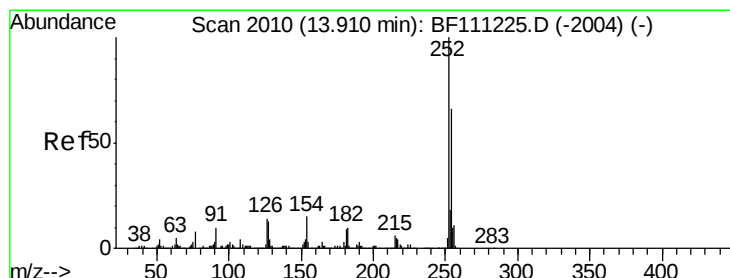
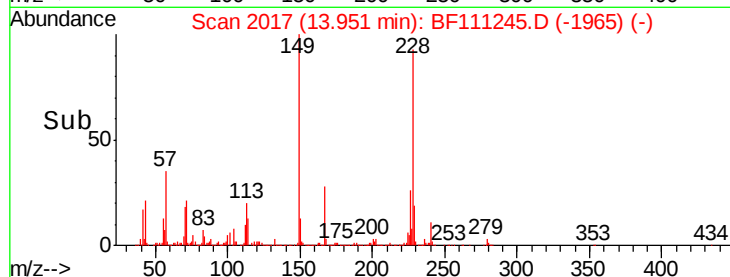
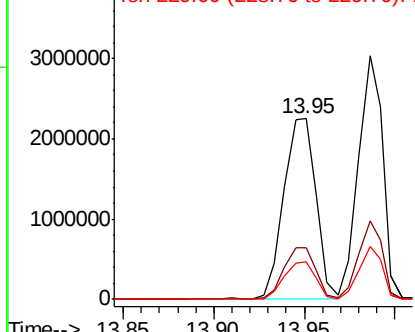
#81
Benzo(a)anthracene
Concen: 45.464 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tgt Ion:228 Resp: 2814680
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.9 16.3 24.5

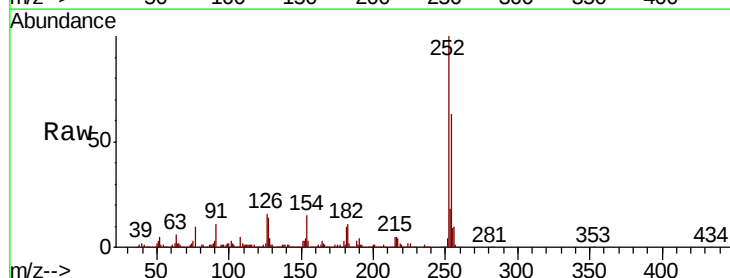


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

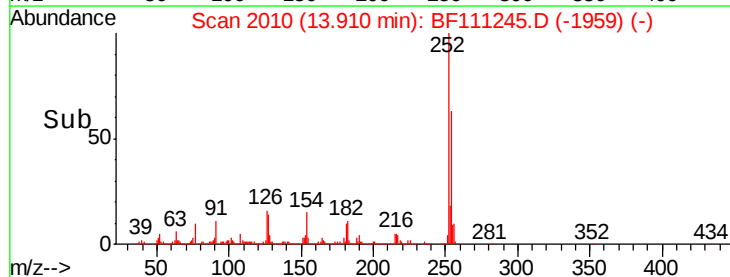
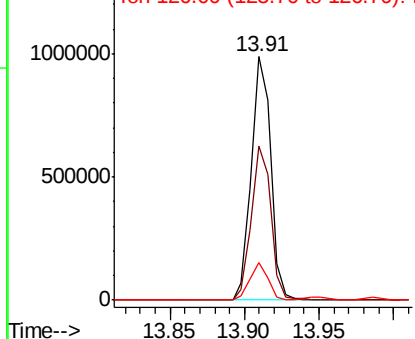


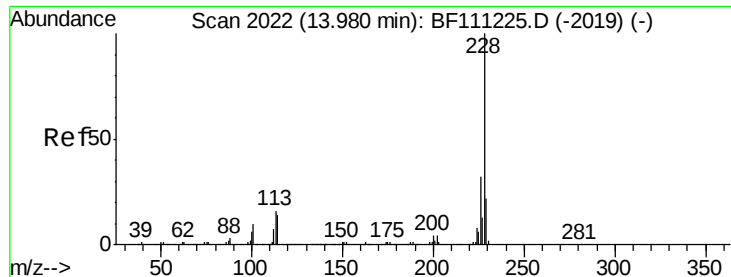
#82
3,3'-Dichlorobenzidine
Concen: 34.979 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:252 Resp: 887591
Ion Ratio Lower Upper
252 100
254 63.2 52.7 79.1
126 15.6 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

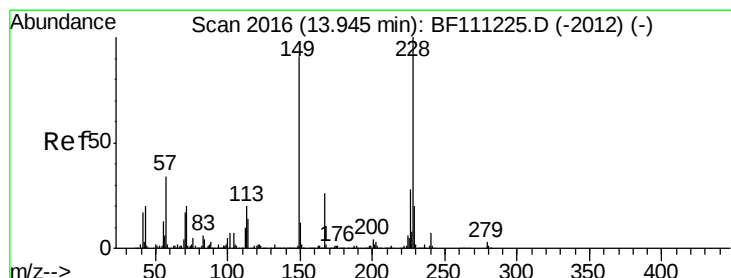
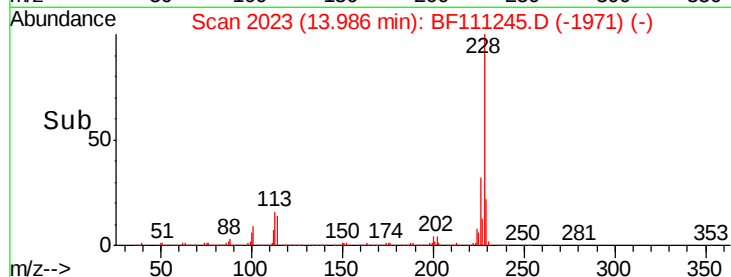
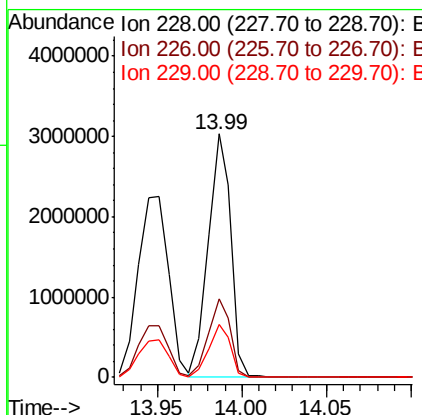
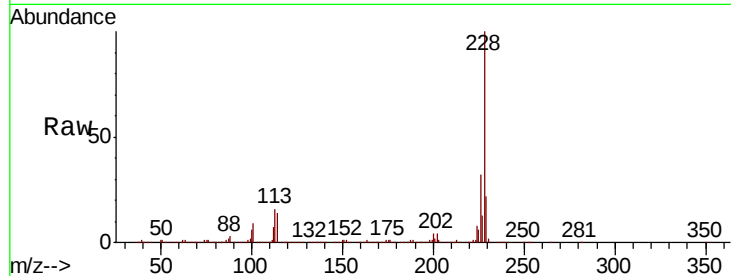




#83
 Chrysene
 Concen: 44.427 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

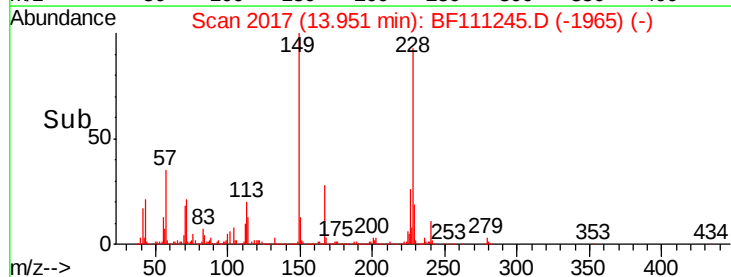
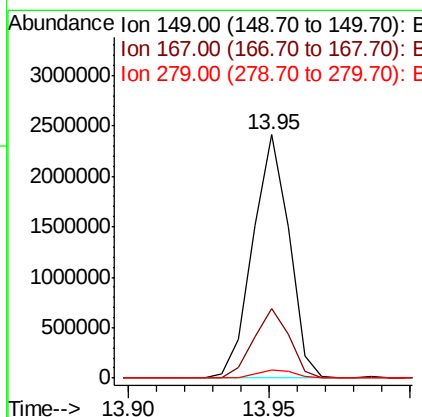
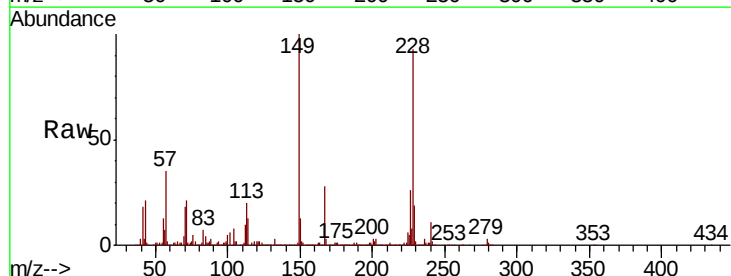
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

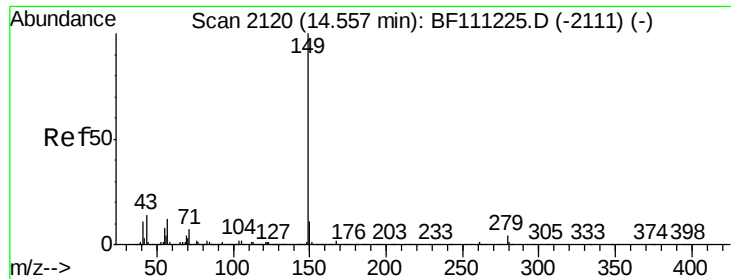
Tgt Ion:228 Resp: 2835531
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.3 37.9
 229 21.7 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.598 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:149 Resp: 2145829
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.5 33.7
 279 3.5 2.6 4.0

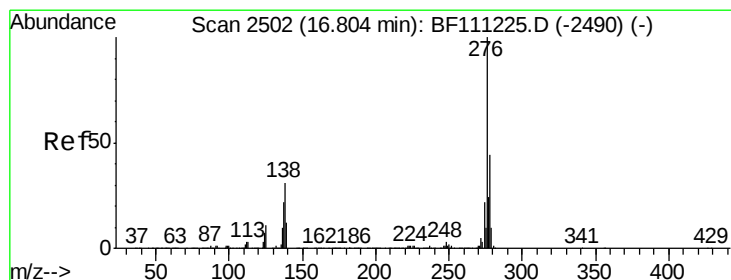
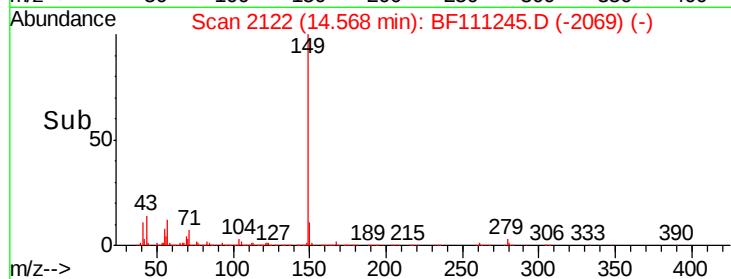
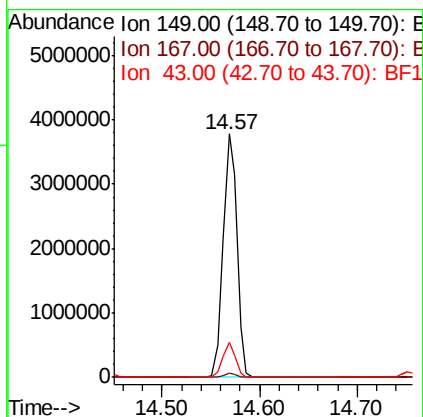
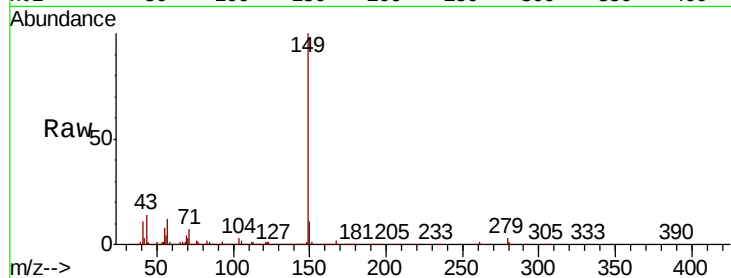




#85
Di-n-octyl phthalate
Concen: 45.005 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

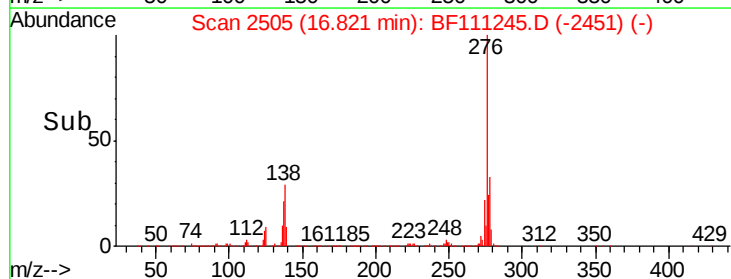
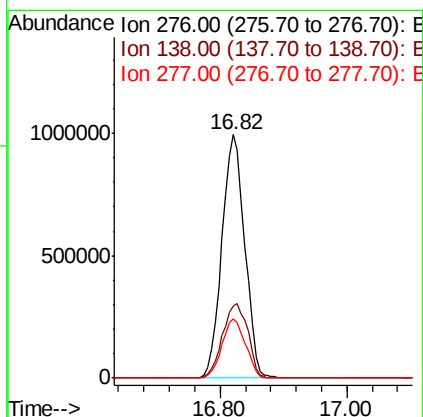
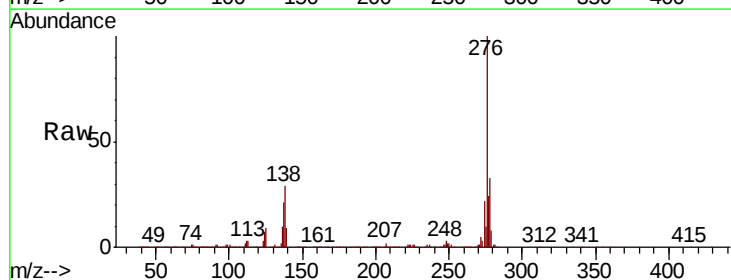
Instrument :
BNA_F
ClientSampleId :
PB115384BS

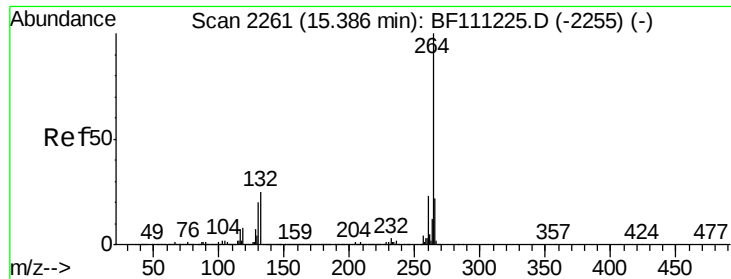
Tgt Ion:149 Resp: 3712706
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.9 16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.070 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:276 Resp: 2476595
Ion Ratio Lower Upper
276 100
138 33.8 27.8 41.6
277 25.1 20.1 30.1

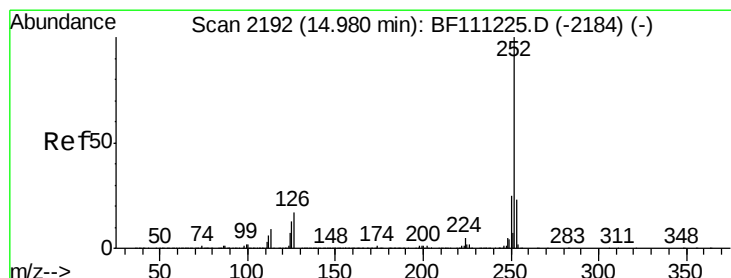
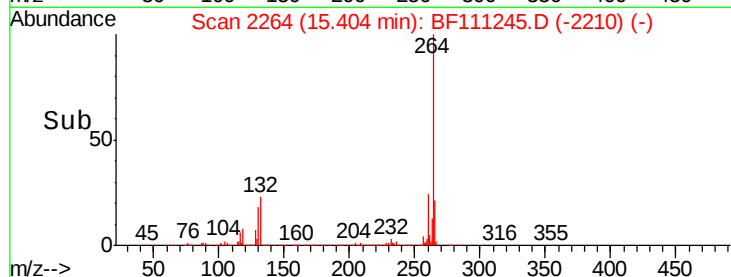
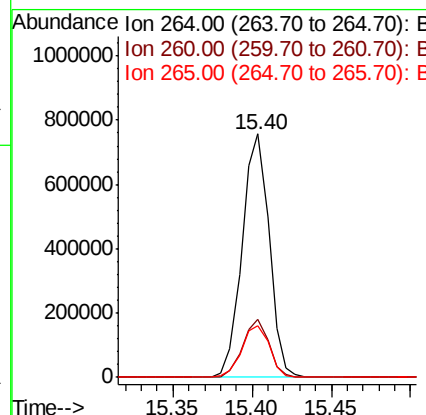
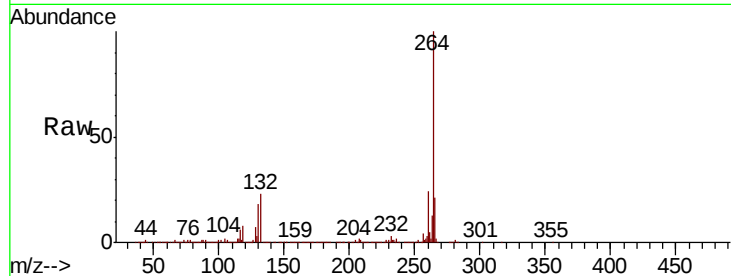




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

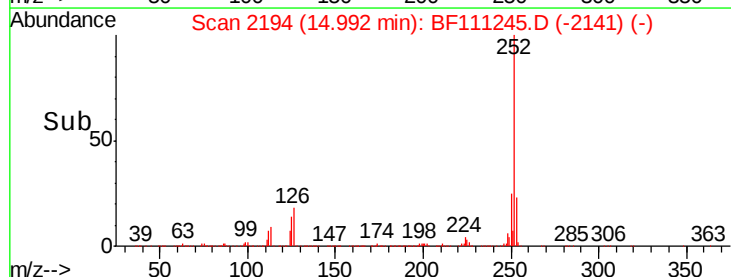
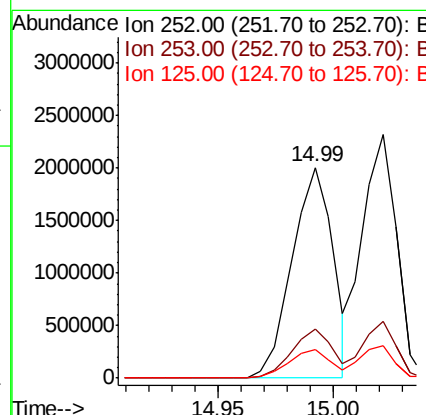
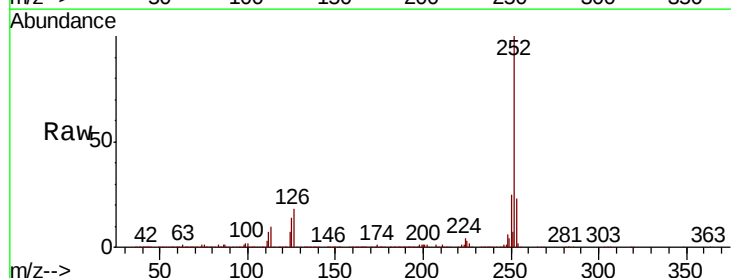
Instrument :
BNA_F
ClientSampleId :
PB115384BS

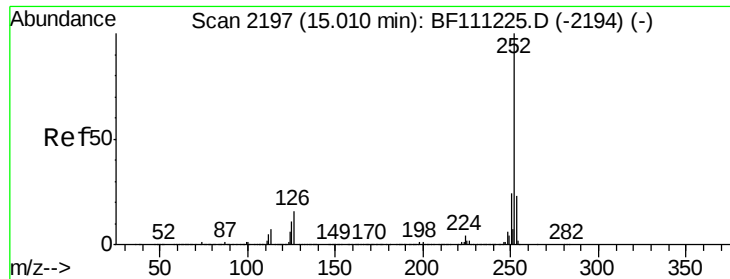
Tgt Ion:264 Resp: 894848
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.4 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 50.039 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:252 Resp: 2476304
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 13.7 10.4 15.6





#89

Benzo(k)fluoranthene

Concen: 51.882 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

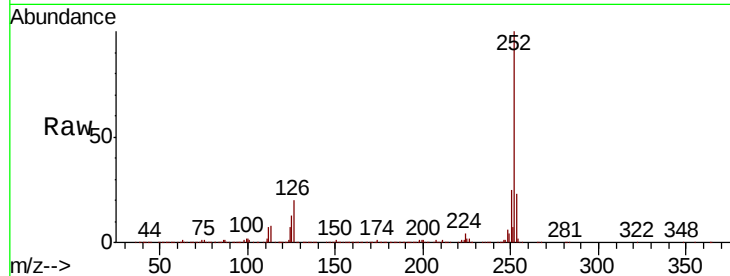
Tgt Ion:252 Resp: 2413890

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 13.5 9.8 14.8

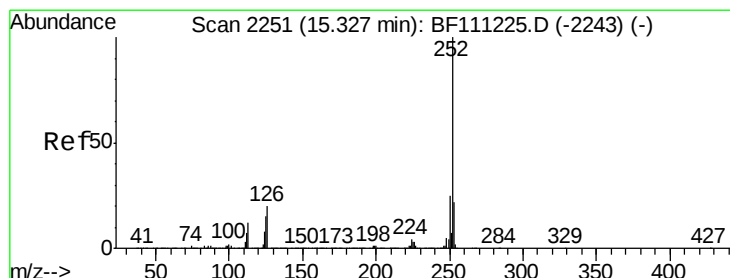
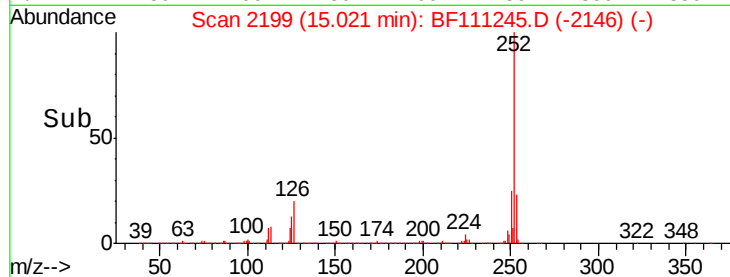
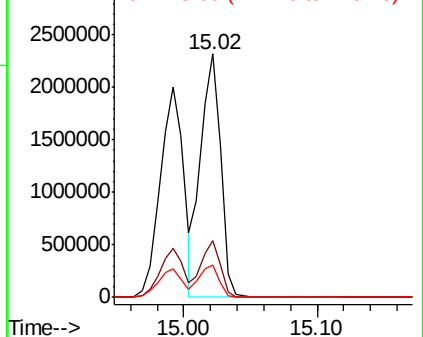


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.508 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.02 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

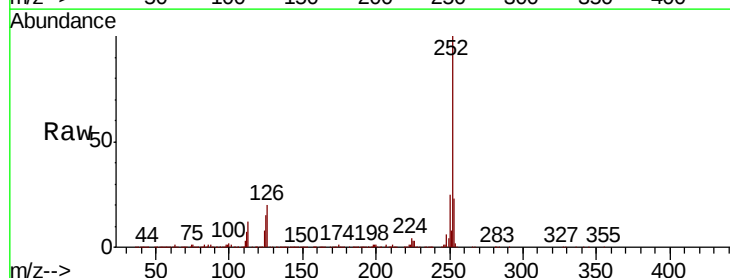
Tgt Ion:252 Resp: 2347308

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 14.9 12.3 18.5

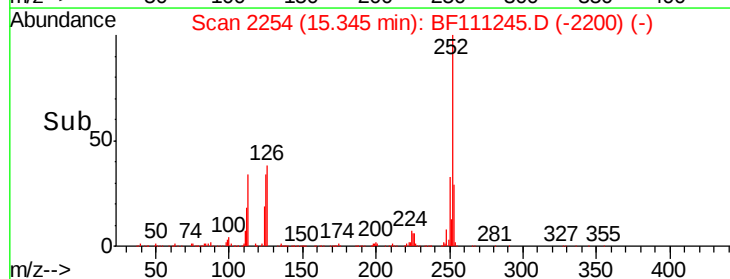
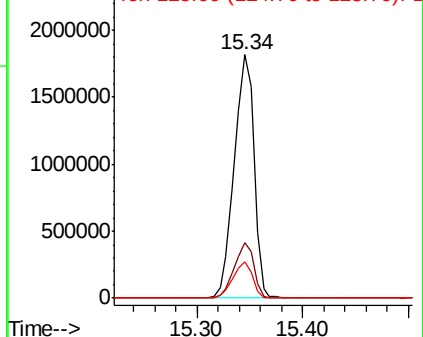


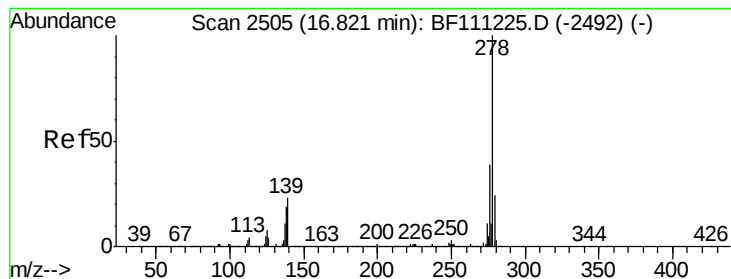
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 56.930 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

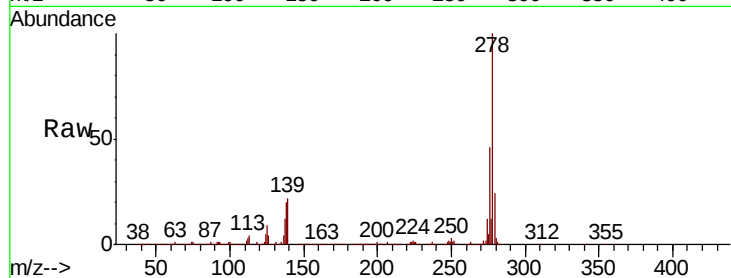
Tgt Ion:278 Resp: 2037755

Ion Ratio Lower Upper

278 100

139 22.0 18.2 27.4

279 24.2 19.0 28.6

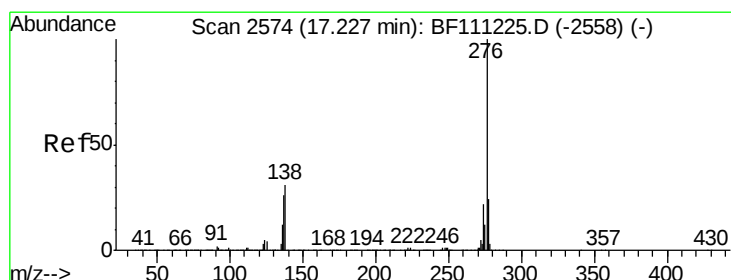
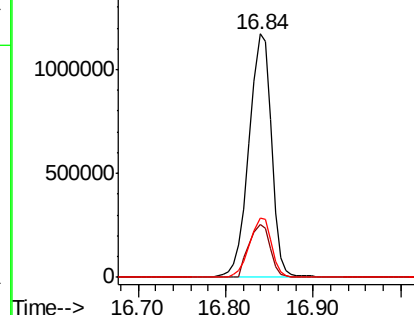
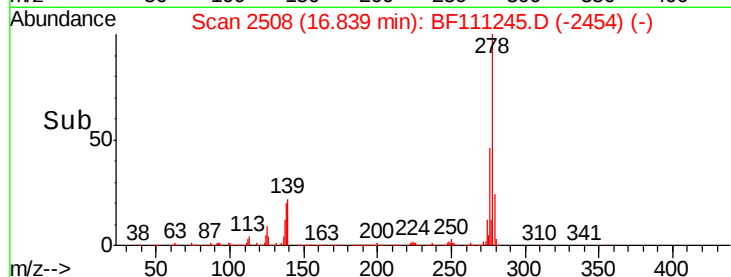


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.851 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.02 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

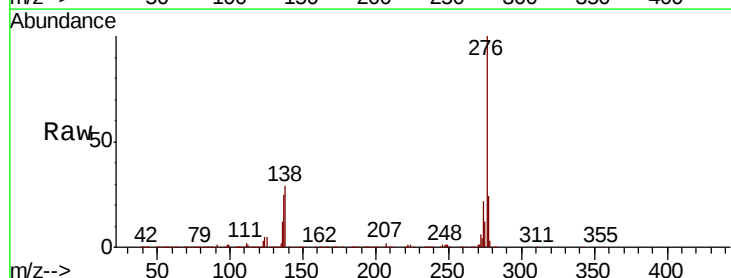
Tgt Ion:276 Resp: 2108708

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 28.7 24.9 37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

