

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111248.D
 Acq On : 10 Dec 2018 18:02
 Operator : JU/SJ
 Sample : PB115276BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

Quant Time: Dec 11 03:57:21 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	562789	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2340839	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1116387	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1874352	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1220814	20.00	ng	0.00
87) Perylene-d12	15.39	264	1049937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3822128	107.24	ng	0.02
7) Phenol-d6	6.44	99	4877626	110.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	2604478	62.41	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1043435	105.51	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4252552	60.53	ng	0.00
79) Terphenyl-d14	12.91	244	3815285	74.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	663713	36.295	ng	99
3) Pyridine	3.36	79	1815855	37.377	ng	99
4) n-Nitrosodimethylamine	3.30	42	854708	41.264	ng	98
6) Aniline	6.46	93	1853720	31.390	ng	98
8) 2-Chlorophenol	6.59	128	1604353	39.602	ng	98
9) Benzaldehyde	6.35	77	697957	24.242	ng	99
10) Phenol	6.45	94	1971437	38.066	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	1533452	38.284	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1643984	37.767	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1654609	37.645	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1550725	37.828	ng	98
15) Benzyl Alcohol	6.94	79	1396843	39.852	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2972512	39.638	ng	100
17) 2-Methylphenol	7.06	107	1384176	41.850	ng	99
18) Hexachloroethane	7.32	117	637241	38.080	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	1142185	38.495	ng	97
20) 3+4-Methylphenols	7.21	107	1576954	40.085	ng	99
22) Acetophenone	7.21	105	2097680	39.165	ng	# 97
24) Nitrobenzene	7.38	77	1714270	39.466	ng	96
25) Isophorone	7.62	82	3179696	44.732	ng	99
26) 2-Nitrophenol	7.70	139	856890	39.705	ng	98
27) 2,4-Dimethylphenol	7.74	122	1513825	45.394	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2036827	41.379	ng	99
29) 2,4-Dichlorophenol	7.94	162	1364612	40.019	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1317695	39.230	ng	99
31) Naphthalene	8.10	128	4420347	43.267	ng	99
32) Benzoic acid	7.86	122	1171454	42.479	ng	97
33) 4-Chloroaniline	8.15	127	1139650	23.225	ng	97
34) Hexachlorobutadiene	8.23	225	700754	37.795	ng	97
35) Caprolactam	8.52	113	272047	22.514	ng	93
36) 4-Chloro-3-methylphenol	8.64	107	1454472	41.660	ng	96
37) 2-Methylnaphthalene	8.80	142	3031012	44.686	ng	98
38) 1-Methylnaphthalene	8.90	142	2871846	43.235	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1057757	34.051	ng	98

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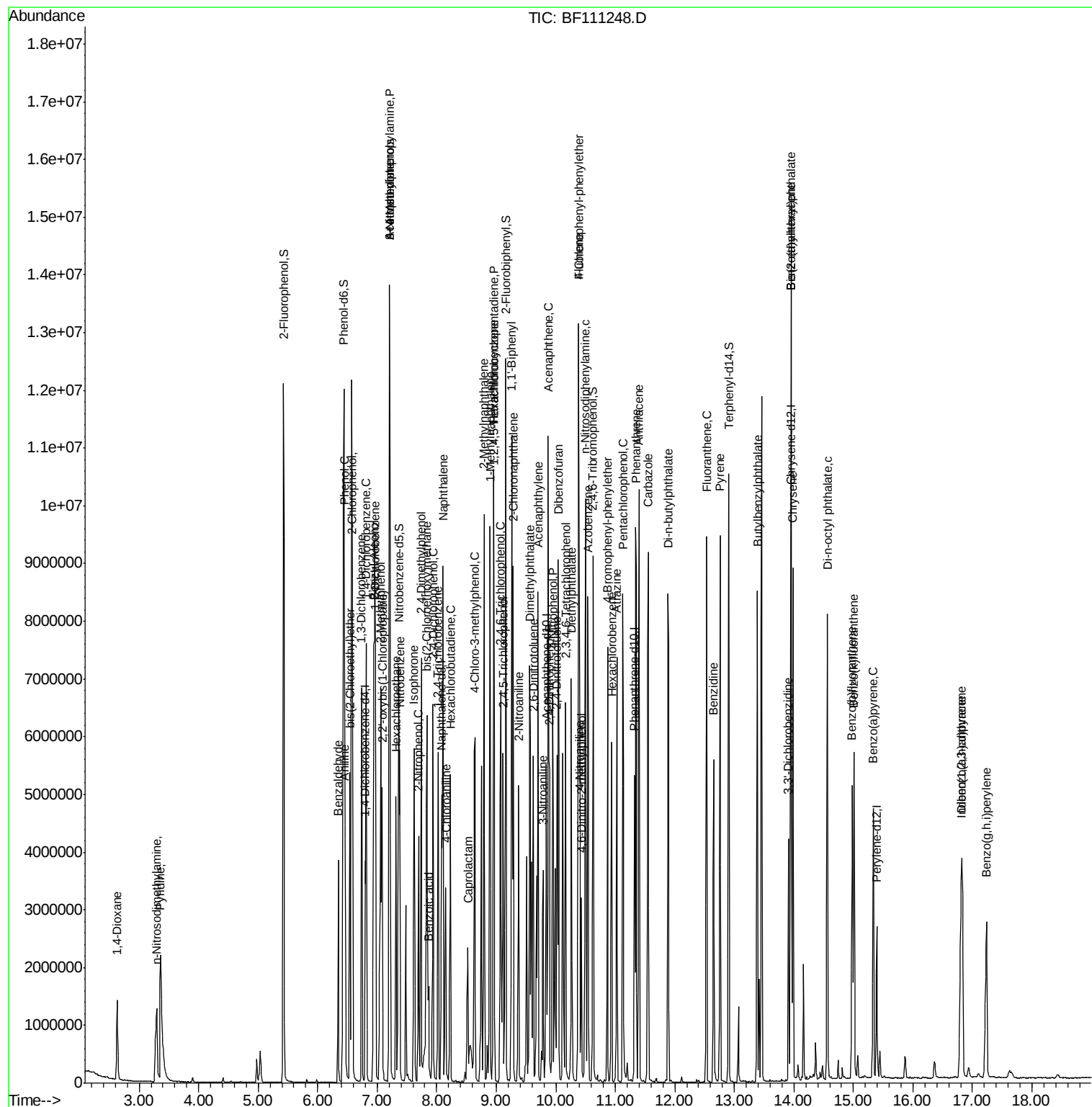
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1422524	80.410	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	898376	38.528	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	912604	37.571	ng	94
46) 1,1'-Biphenyl	9.26	154	3358287	36.190	ng	99
47) 2-Chloronaphthalene	9.29	162	2700998	36.976	ng	99
48) 2-Nitroaniline	9.37	65	960703	38.554	ng	99
49) Acenaphthylene	9.70	152	4155757	39.188	ng	99
50) Dimethylphthalate	9.56	163	3054123	37.077	ng	100
51) 2,6-Dinitrotoluene	9.62	165	730356	40.149	ng	94
52) Acenaphthene	9.87	154	2772216	41.657	ng	99
53) 3-Nitroaniline	9.79	138	568288	25.309	ng	93
54) 2,4-Dinitrophenol	9.89	184	597224	83.079	ng	97
55) Dibenzofuran	10.05	168	3619639	39.980	ng	98
56) 4-Nitrophenol	9.95	139	1308011	74.796	ng	99
57) 2,4-Dinitrotoluene	10.02	165	972320	43.357	ng	93
58) Fluorene	10.39	166	2672398	38.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	748817	40.670	ng	100
60) Diethylphthalate	10.27	149	2972845	37.855	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1209855	34.780	ng	99
62) 4-Nitroaniline	10.40	138	814538	38.339	ng	99
63) Azobenzene	10.54	77	3130838	38.399	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	392536	35.635	ng	84
66) n-Nitrosodiphenylamine	10.50	169	2532915	39.698	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	779586	37.974	ng	95
68) Hexachlorobenzene	10.94	284	800542	38.333	ng	99
69) Atrazine	11.03	200	785485	40.484	ng	97
70) Pentachlorophenol	11.13	266	945617	62.417	ng	99
71) Phenanthrene	11.35	178	3754354	39.712	ng	99
72) Anthracene	11.40	178	3846277	38.887	ng	99
73) Carbazole	11.55	167	3621236	35.014	ng	99
74) Di-n-butylphthalate	11.89	149	4183202	39.352	ng	99
75) Fluoranthene	12.53	202	3681267	42.626	ng	97
77) Benzidine	12.65	184	1924048	53.079	ng	99
78) Pyrene	12.76	202	3735014	42.813	ng	98
80) Butylbenzylphthalate	13.39	149	1862247	40.868	ng	95
81) Benzo(a)anthracene	13.94	228	2823489	41.456	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	775411	27.777	ng	99
83) Chrysene	13.99	228	2814130	40.079	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2120731	39.167	ng	99
85) Di-n-octyl phthalate	14.56	149	3713441	40.917	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2440437	43.057	ng	99
88) Benzo(b)fluoranthene	14.98	252	2630988	45.312	ng	98
89) Benzo(k)fluoranthene	15.02	252	2265295	41.496	ng	99
90) Benzo(a)pyrene	15.34	252	2341037	43.783	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	2023625	48.185	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2079672	49.468	ng	97

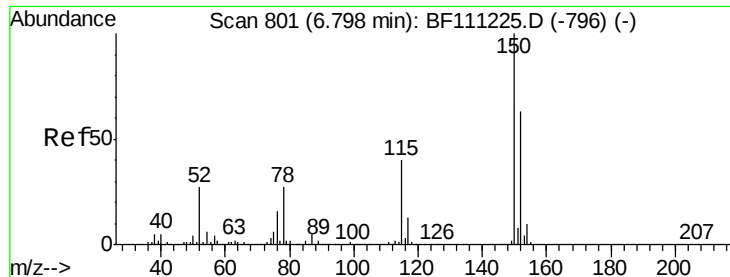
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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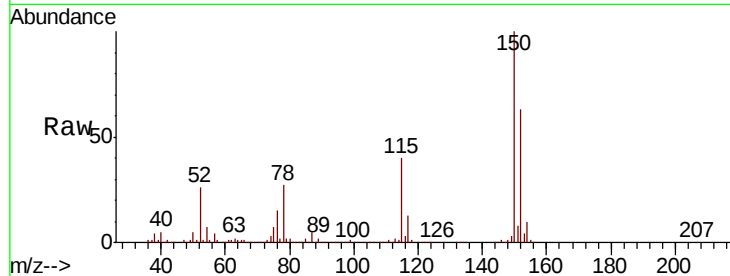


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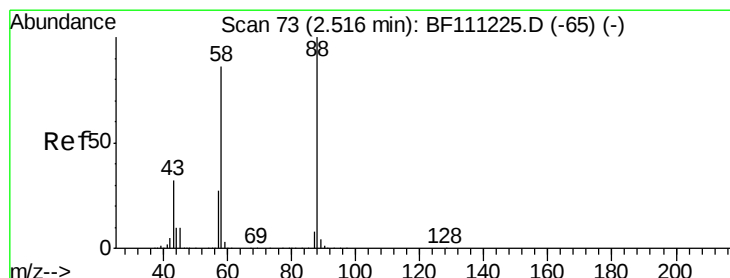
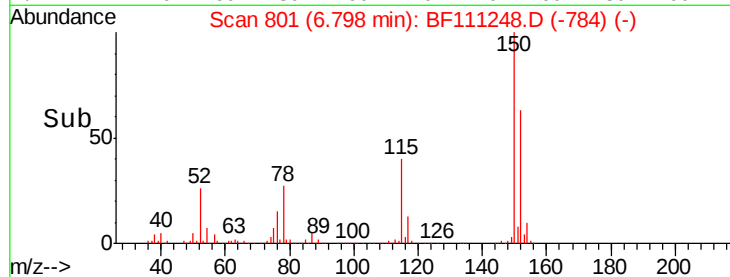
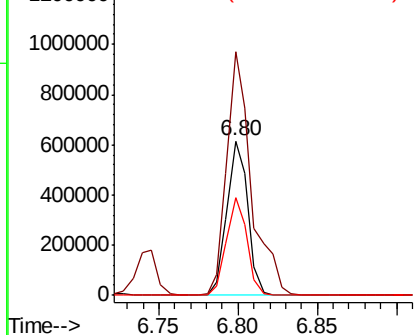
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:152 Resp: 562789
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 63.1 50.7 76.1



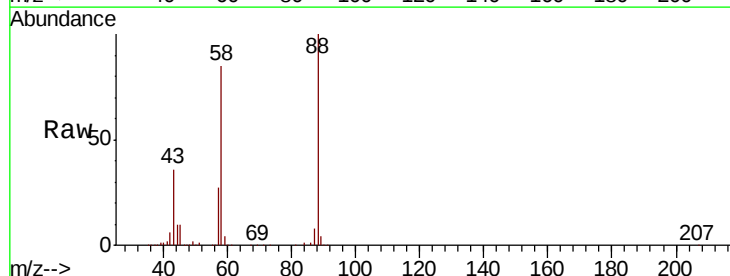
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



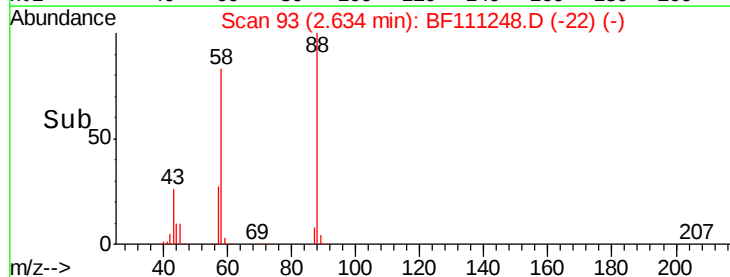
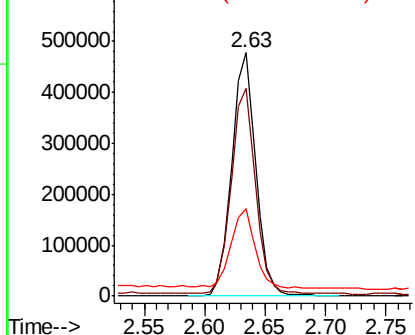
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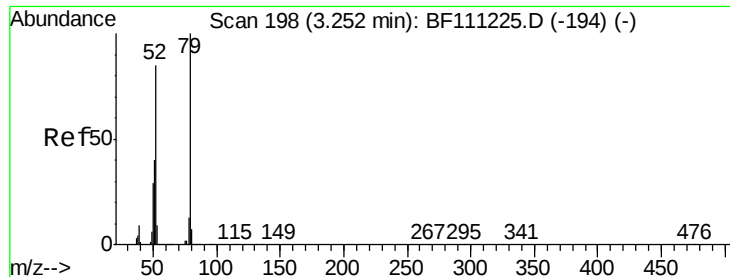
1,4-Dioxane
Concen: 36.295 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion: 88 Resp: 663713
Ion Ratio Lower Upper
88 100
58 86.4 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: 37.377 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

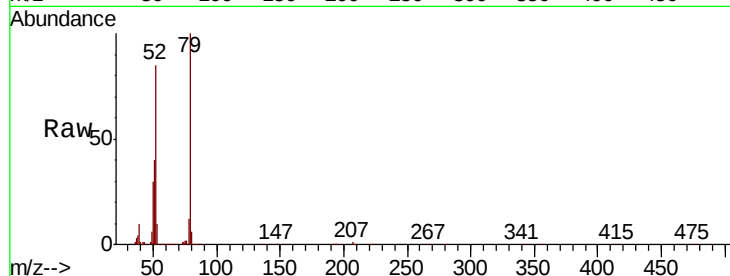
Tgt Ion: 79 Resp: 1815855

Ion Ratio Lower Upper

79 100

52 85.3 68.3 102.5

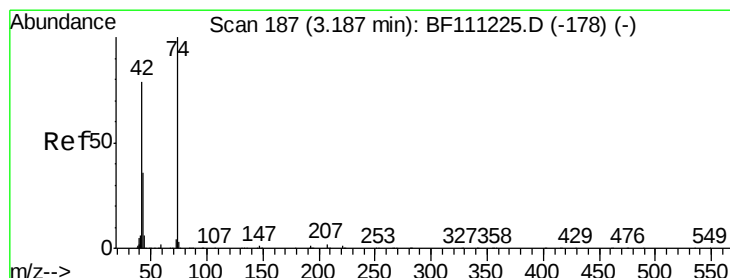
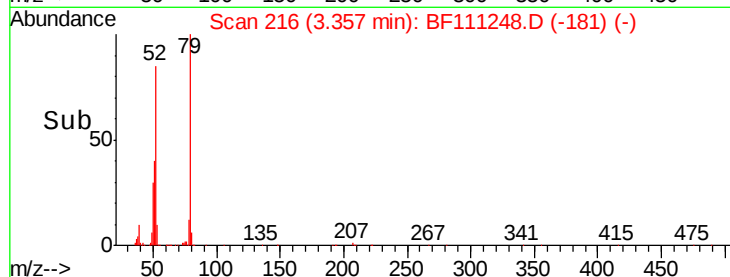
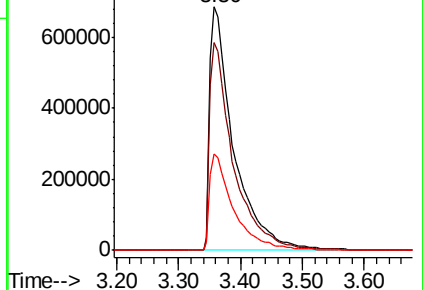
51 39.8 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.264 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.11 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

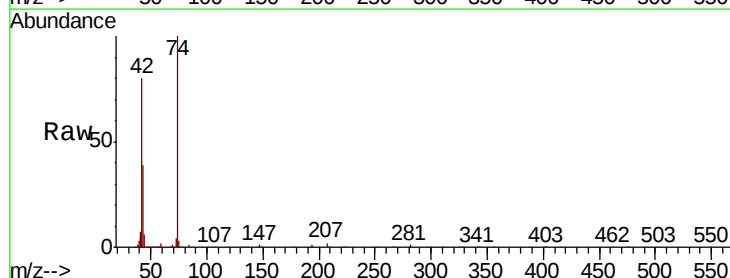
Tgt Ion: 42 Resp: 854708

Ion Ratio Lower Upper

42 100

74 124.4 101.5 152.3

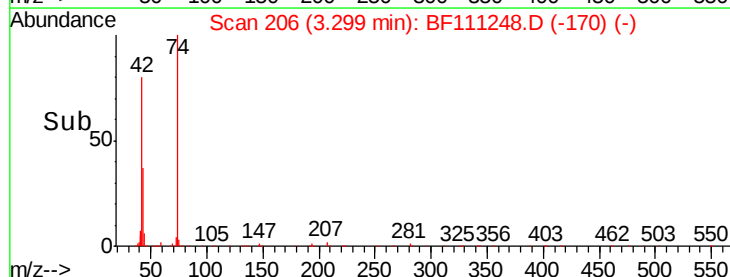
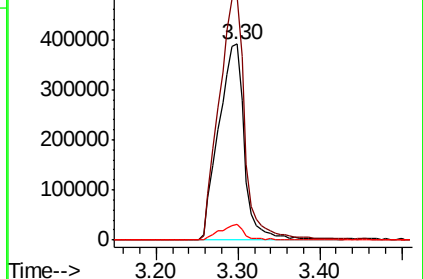
44 7.8 6.0 9.0

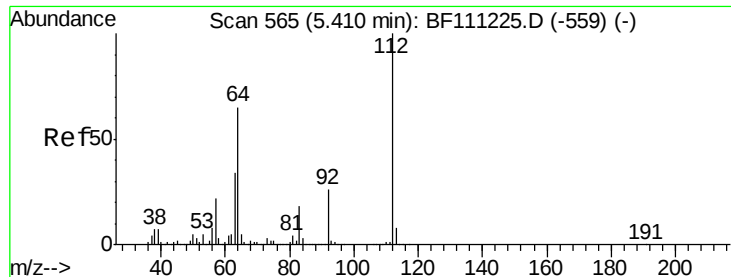


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.241 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111248.D

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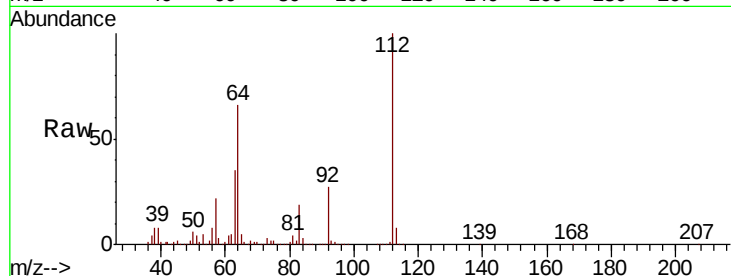
Tgt Ion:112 Resp: 3822128

Ion Ratio Lower Upper

112 100

64 65.6 51.8 77.6

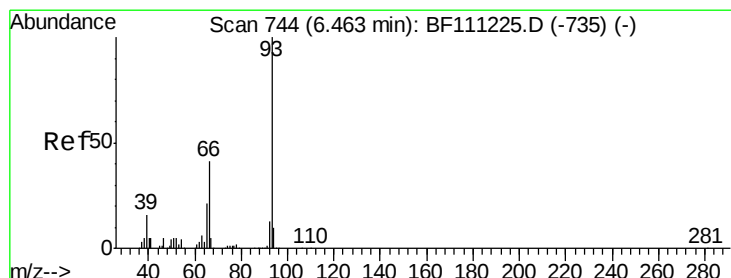
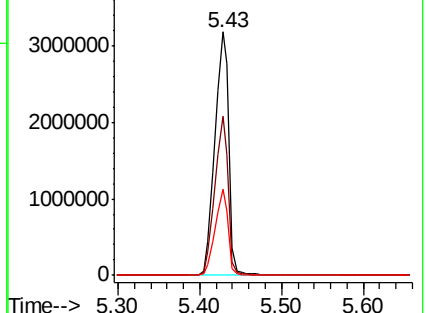
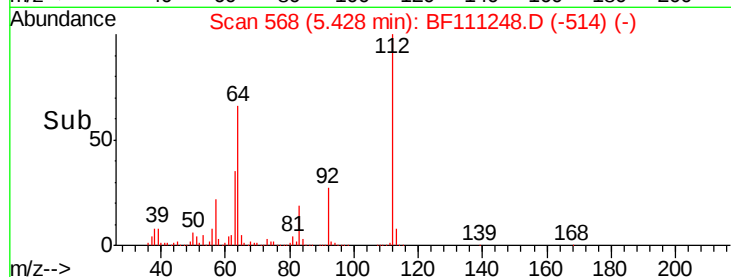
63 35.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.390 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

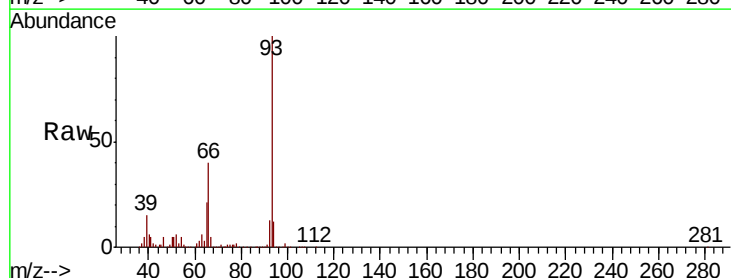
Tgt Ion: 93 Resp: 1853720

Ion Ratio Lower Upper

93 100

66 40.0 33.2 49.8

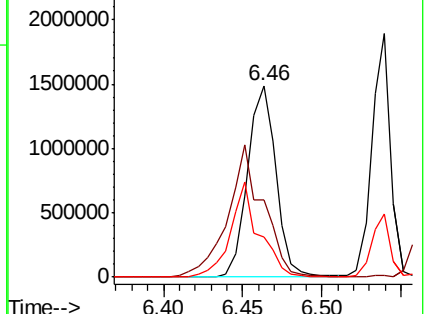
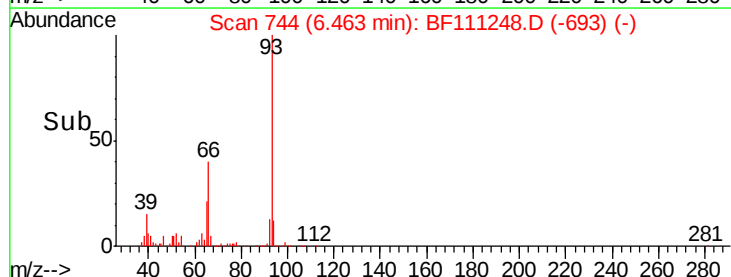
65 20.8 17.0 25.4

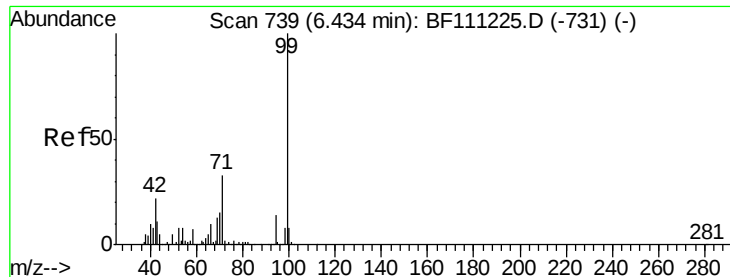


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.124 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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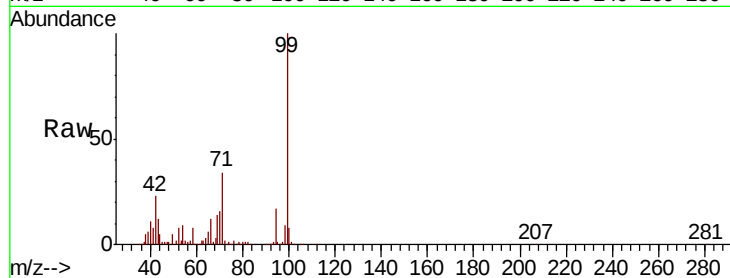
Tgt Ion: 99 Resp: 4877626

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

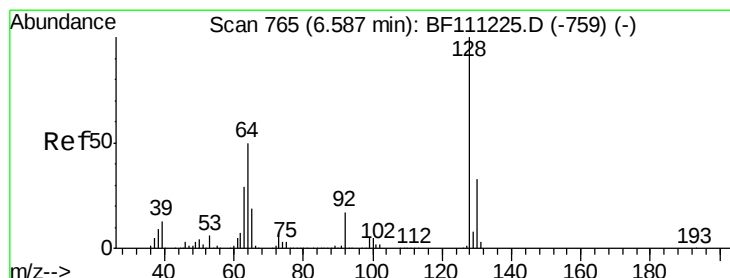
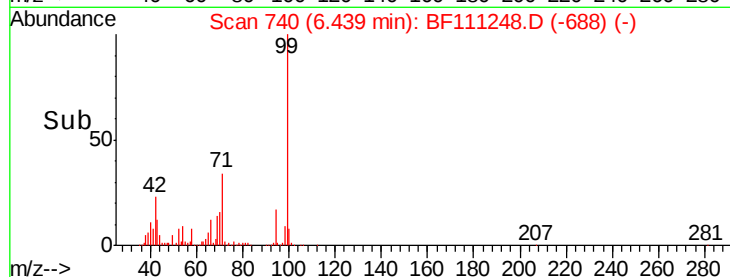
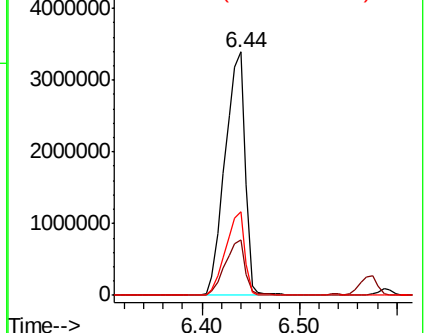
71 34.3 26.1 39.1



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: 39.602 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

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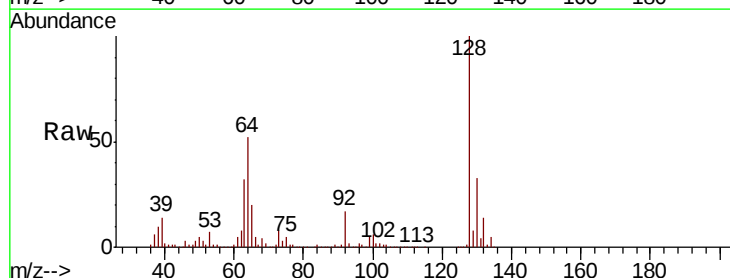
Tgt Ion: 128 Resp: 1604353

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

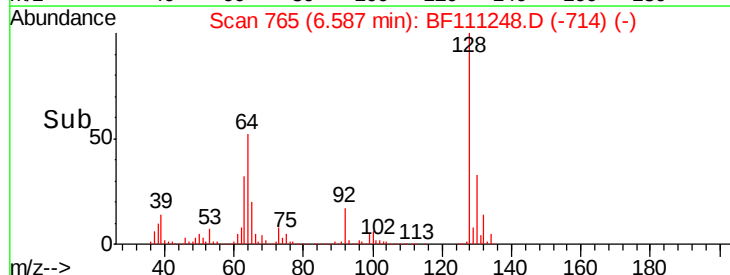
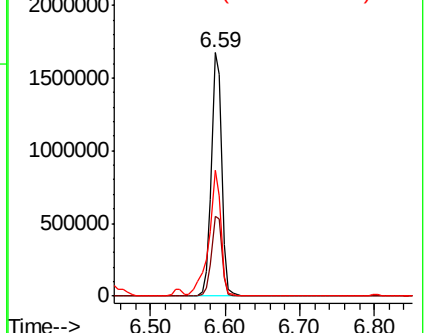
64 51.7 30.0 70.0

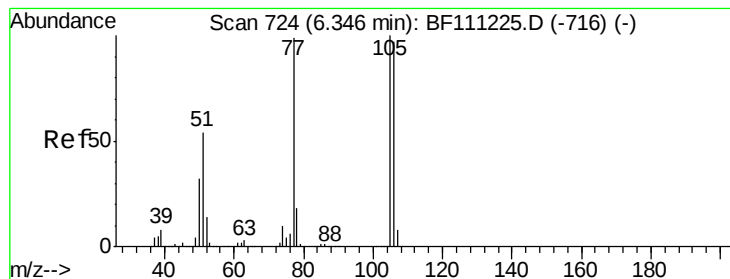


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.242 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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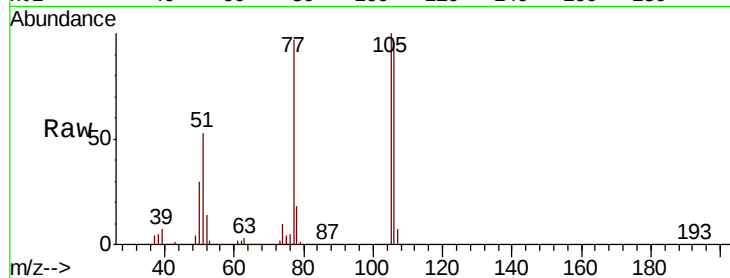
Tgt Ion: 77 Resp: 697957

Ion Ratio Lower Upper

77 100

105 103.0 81.4 121.4

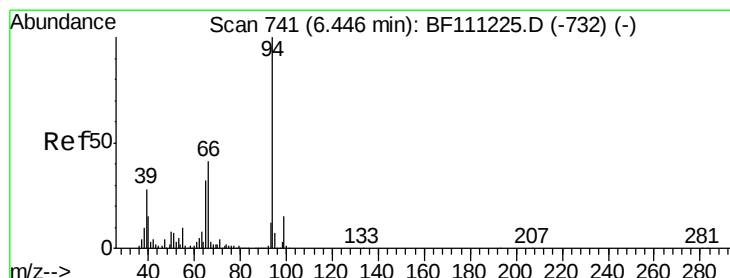
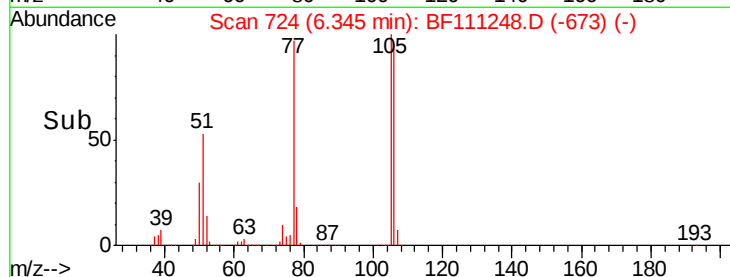
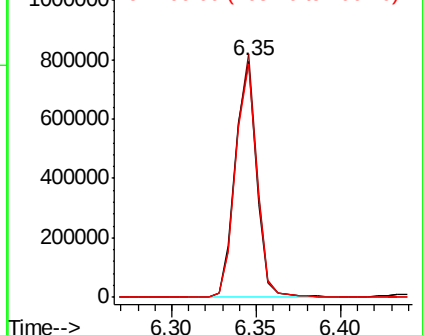
106 98.8 77.9 117.9



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: 38.066 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

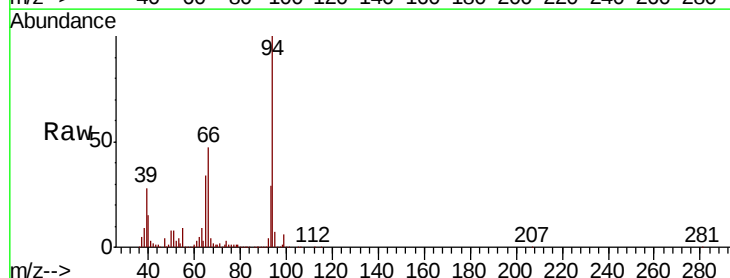
Tgt Ion: 94 Resp: 1971437

Ion Ratio Lower Upper

94 100

65 33.6 11.7 51.7

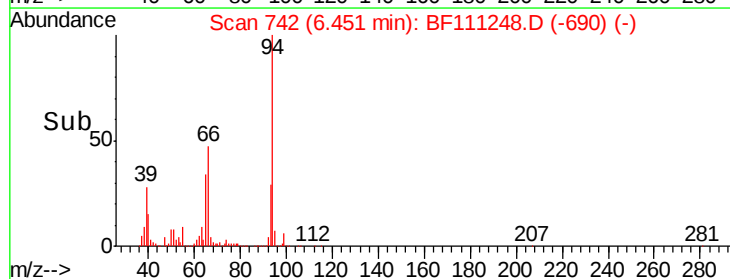
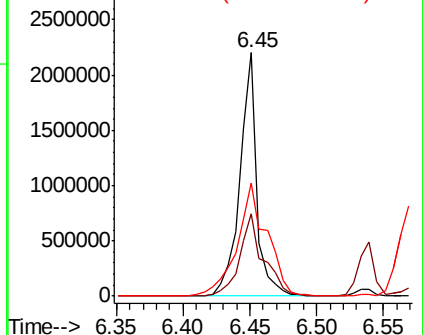
66 46.5 21.0 61.0

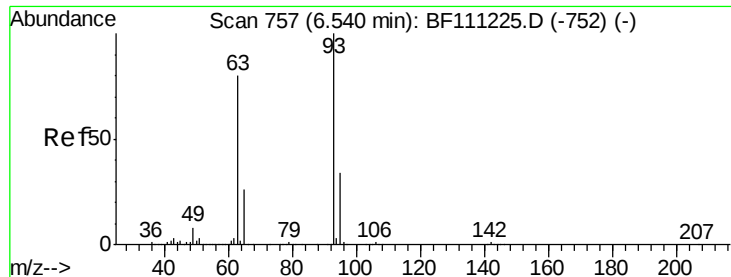


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

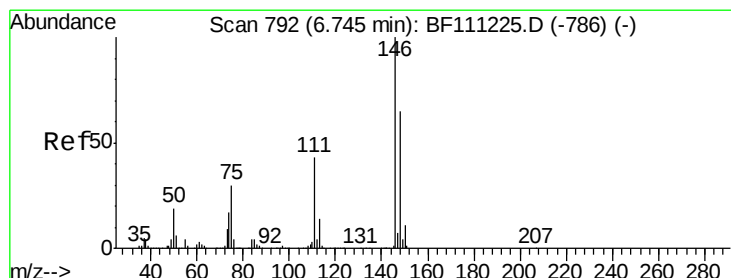
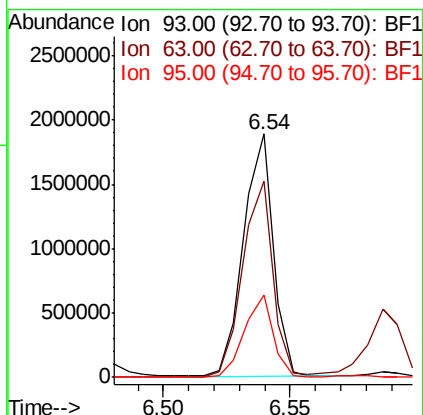
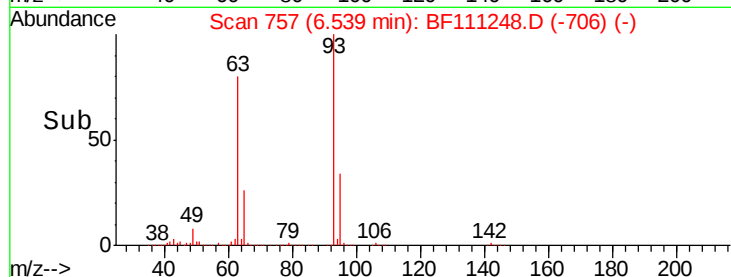
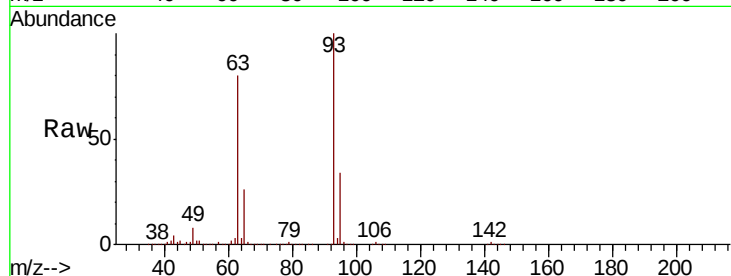




#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

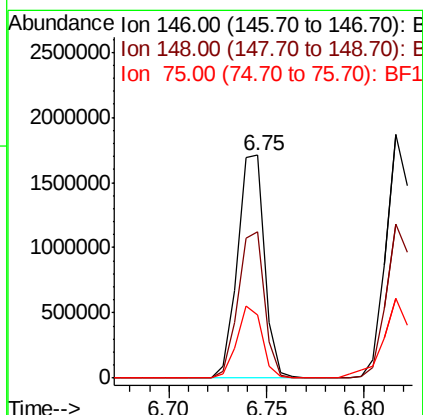
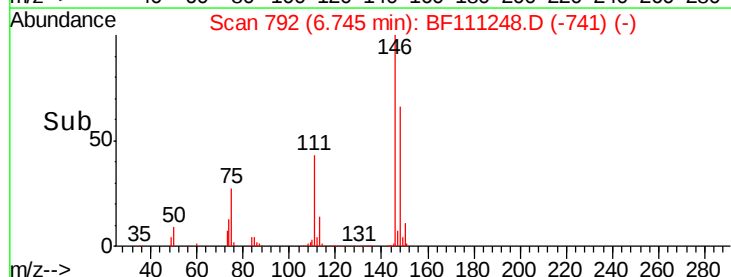
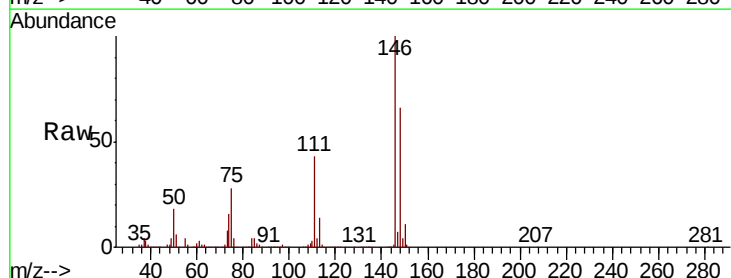
Instrument :
BNA_F
ClientSampleId :
PB115276BS

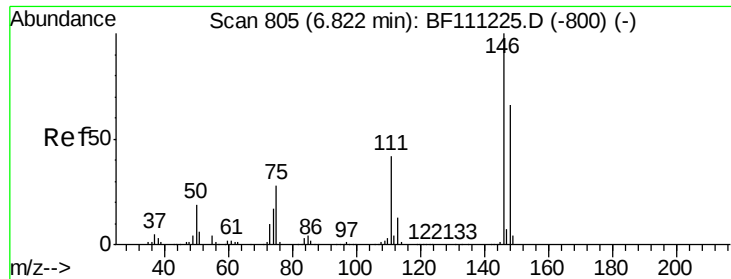
Tgt Ion: 93 Resp: 1533452
Ion Ratio Lower Upper
93 100
63 80.4 60.0 100.0
95 34.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 37.767 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion: 146 Resp: 1643984
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
75 28.2 23.9 35.9

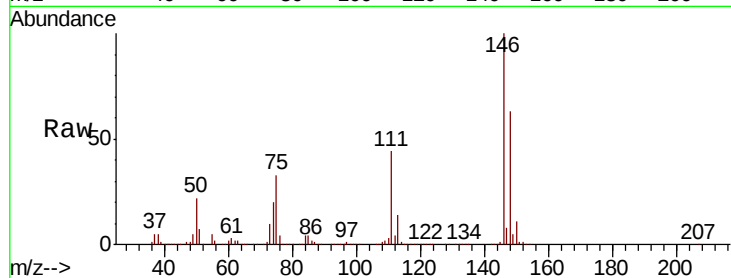




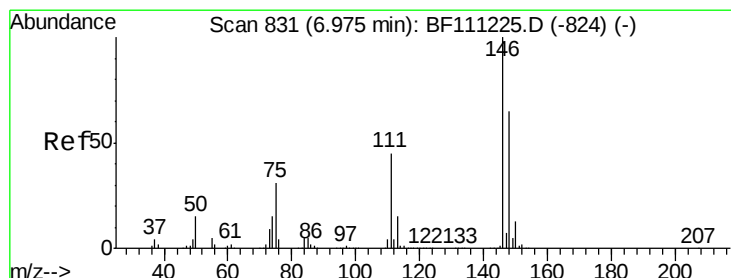
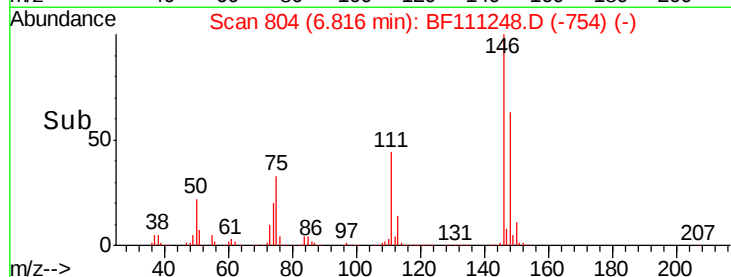
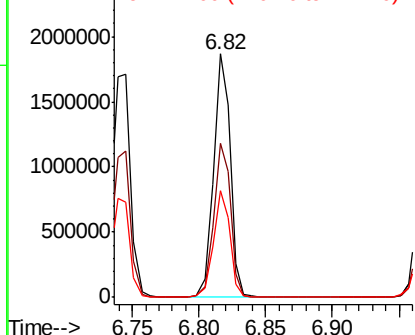
#13
 1,4-Dichlorobenzene
 Concen: 37.645 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Instrument :
 BNA_F
 ClientSampleID :
 PB115276BS

Tgt Ion:146 Resp: 1654609
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.8 79.2
 111 43.9 33.4 50.0

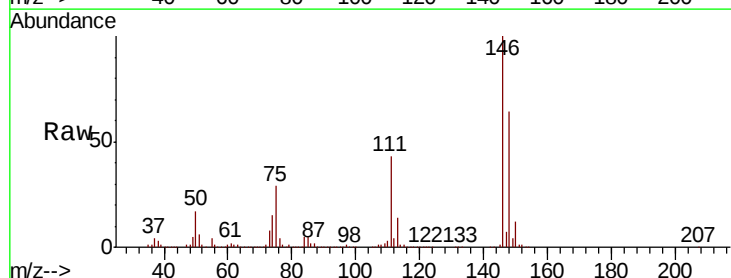


Abundance Ion 146.00 (145.70 to 146.70): E
 2500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

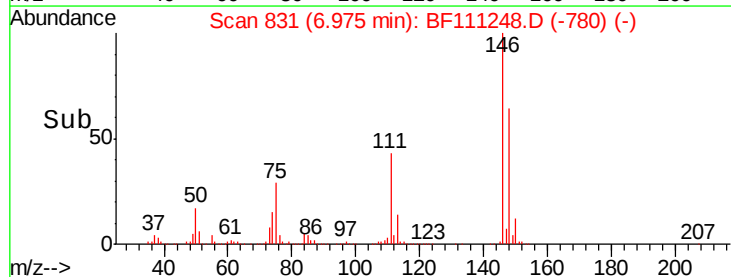
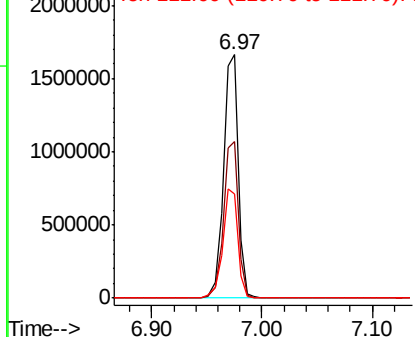


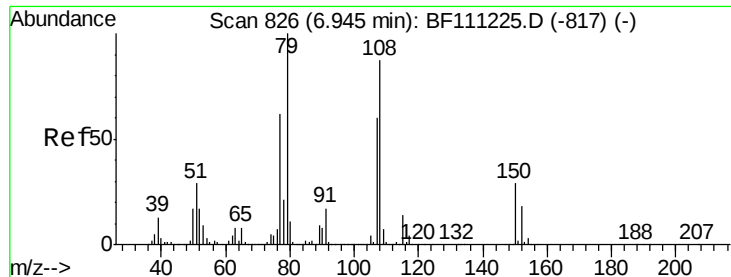
#14
 1,2-Dichlorobenzene
 Concen: 37.828 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:146 Resp: 1550725
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 42.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.852 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

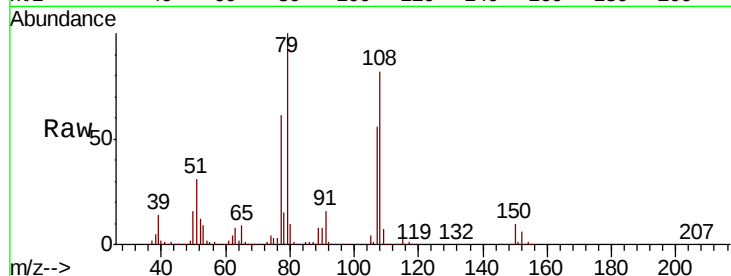
Tgt Ion: 79 Resp: 1396843

Ion Ratio Lower Upper

79 100

108 82.5 69.4 104.2

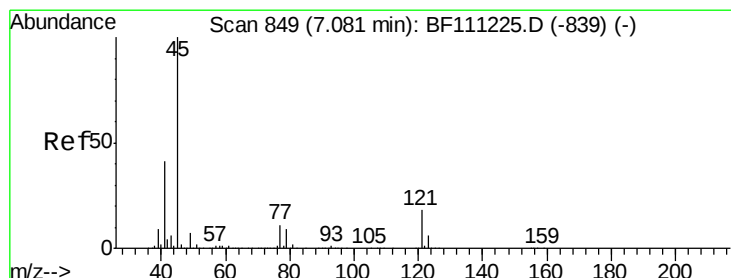
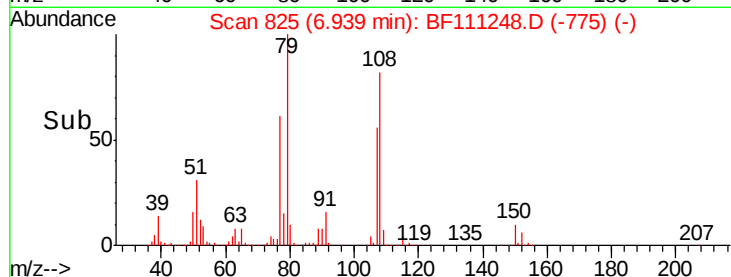
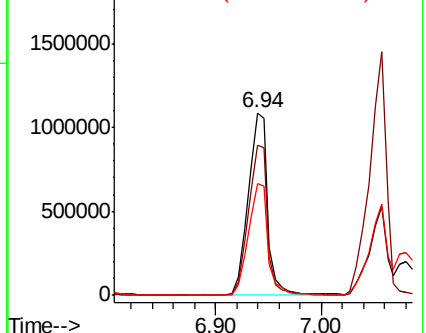
77 61.4 49.7 74.5



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: 39.638 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

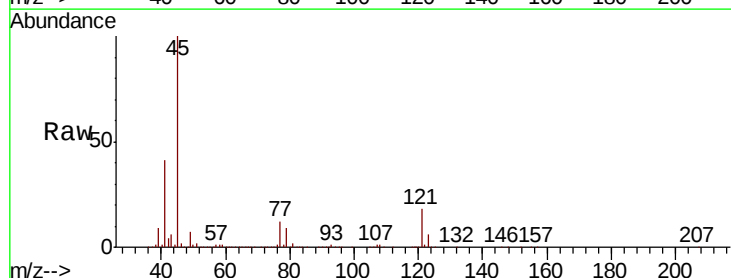
Tgt Ion: 45 Resp: 2972512

Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

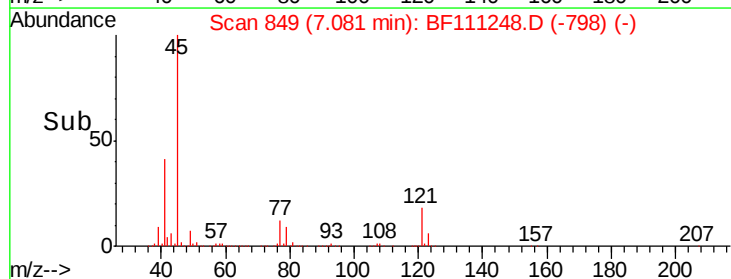
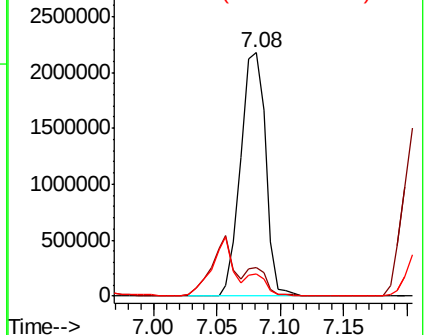
79 9.1 0.0 28.9

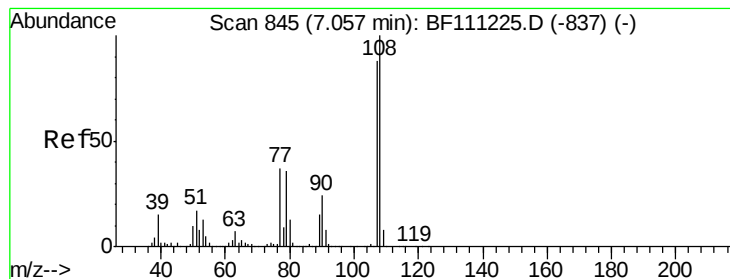


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.850 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

Tgt Ion:107 Resp: 1384176

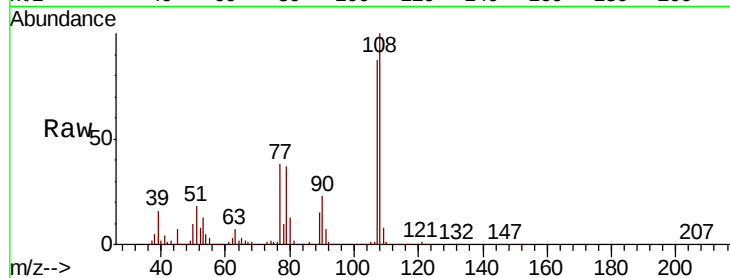
Ion Ratio Lower Upper

107 100

108 114.5 91.0 136.4

77 43.2 33.5 50.3

79 41.8 33.3 49.9

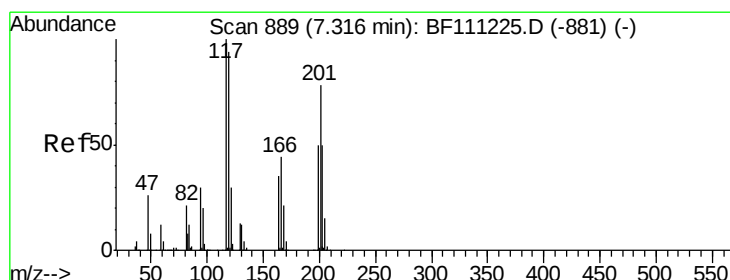
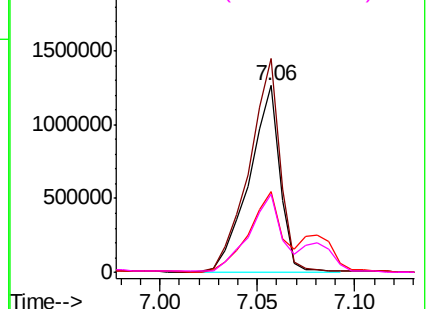
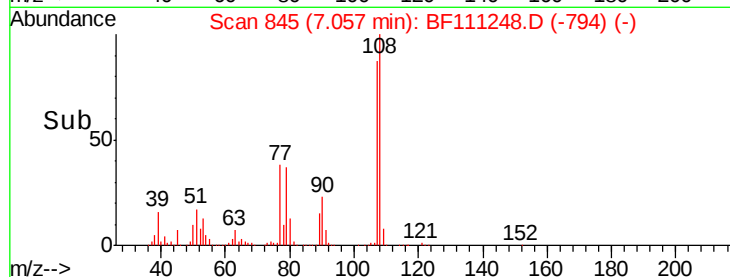


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.080 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

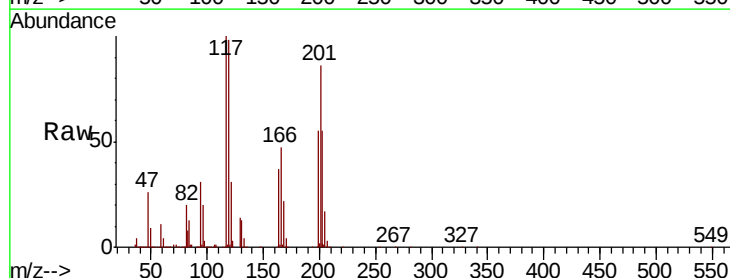
Tgt Ion:117 Resp: 637241

Ion Ratio Lower Upper

117 100

119 97.6 75.4 113.0

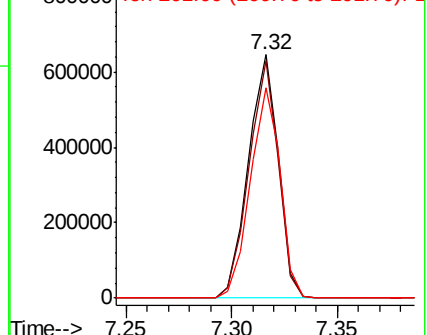
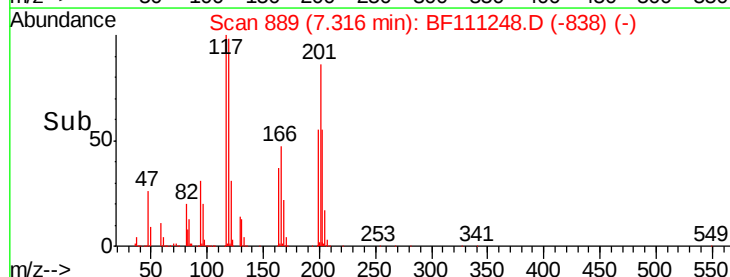
201 86.2 62.4 93.6

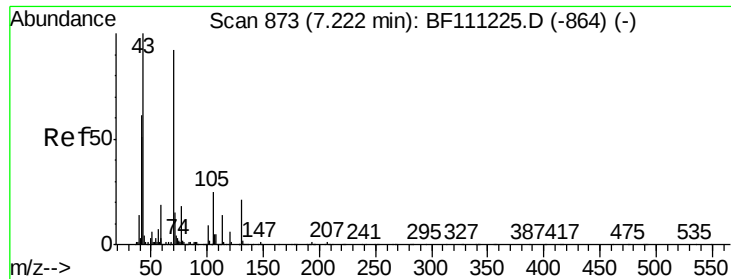


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

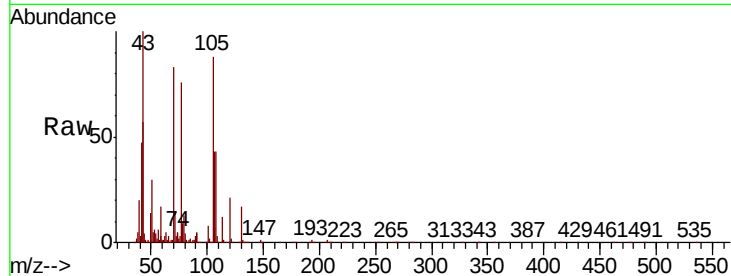




#19
n-Nitroso-di-n-propylamine
Concen: 38.495 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

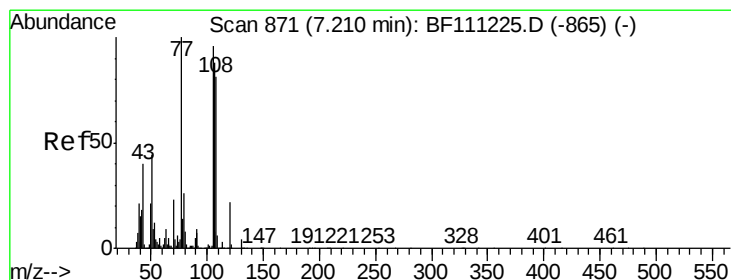
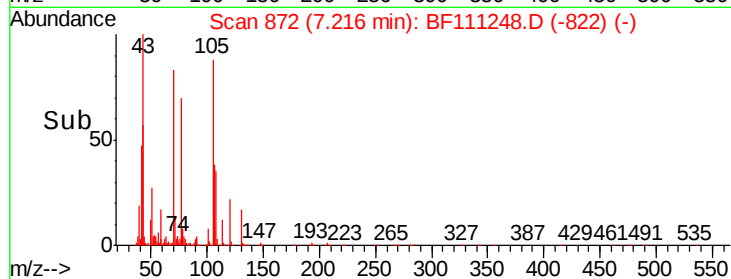
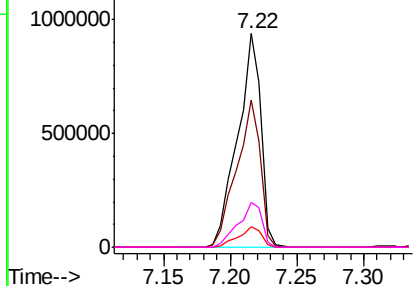
Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion: 70 Resp: 1142185
Ion Ratio Lower Upper
70 100
42 69.1 53.2 79.8
101 9.7 8.2 12.4
130 21.0 18.1 27.1



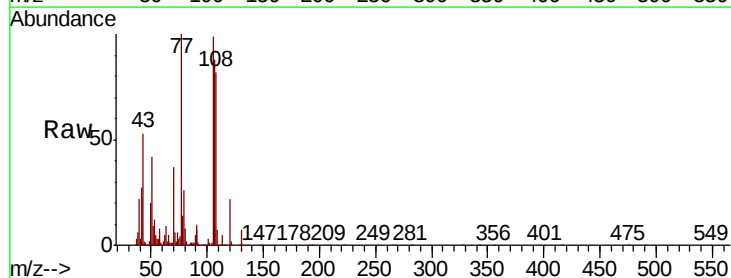
Abundance

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



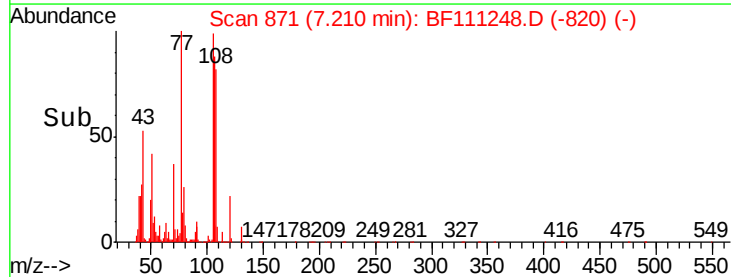
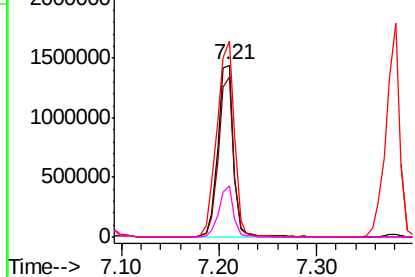
#20
3+4-Methylphenols
Concen: 40.085 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

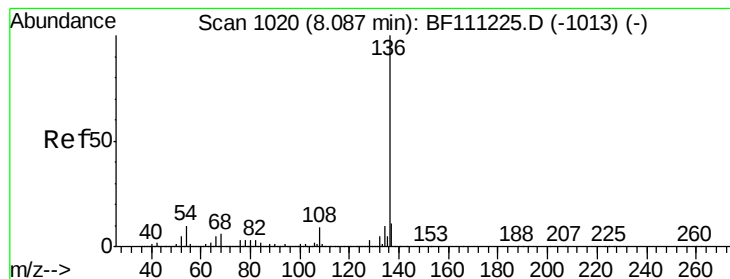
Tgt Ion: 107 Resp: 1576954
Ion Ratio Lower Upper
107 100
108 93.0 72.1 112.1
77 113.9 94.1 134.1
79 30.1 9.8 49.8



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: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

Tgt Ion:136 Resp: 2340839

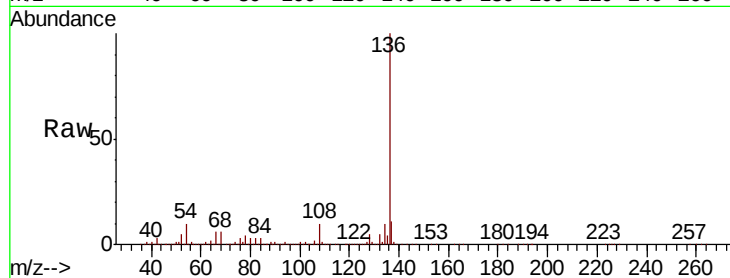
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.9 7.7 11.5

68 6.5 4.9 7.3

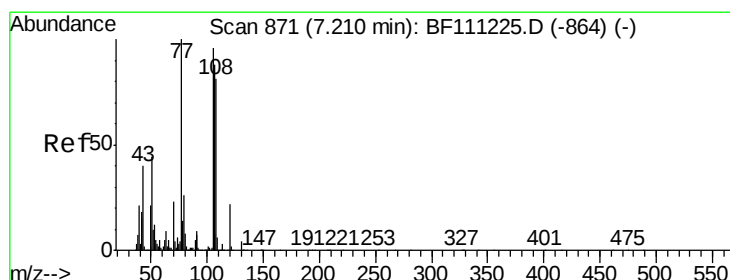
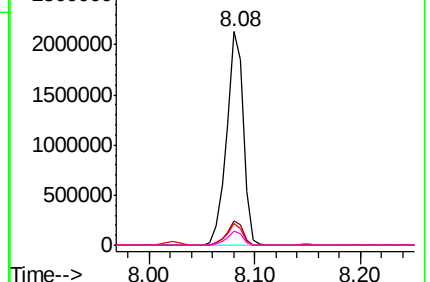
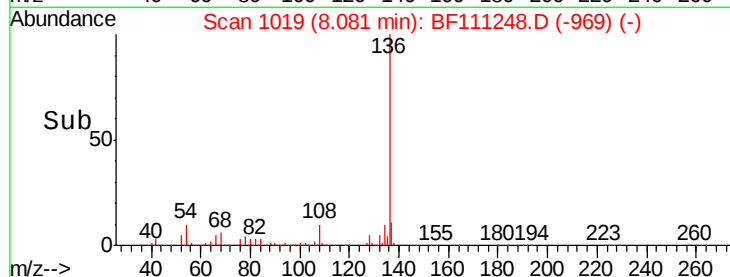


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.165 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Tgt Ion:105 Resp: 2097680

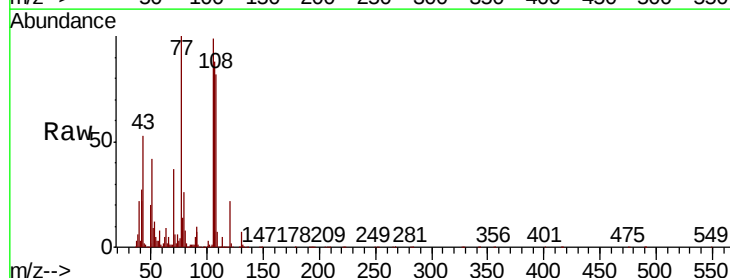
Ion Ratio Lower Upper

105 100

71 6.3 3.1 4.7#

51 42.7 36.6 54.8

120 22.5 18.2 27.4

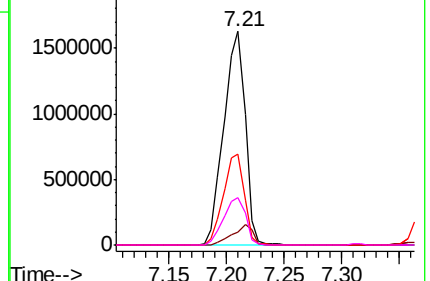
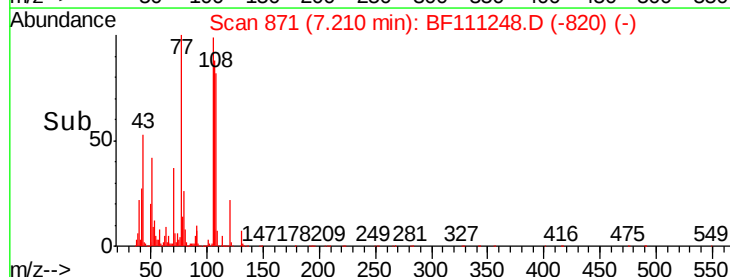


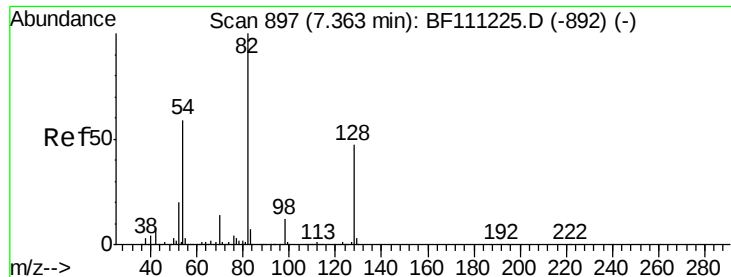
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

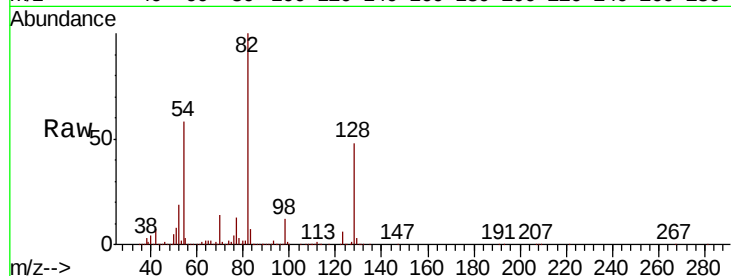




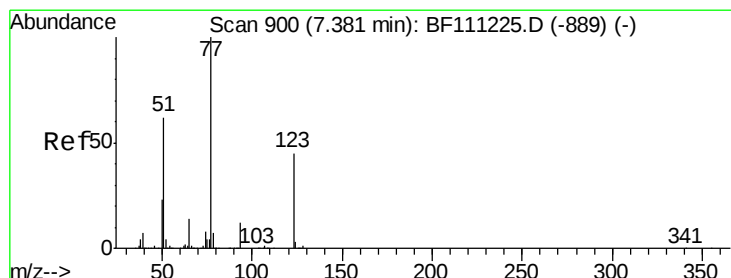
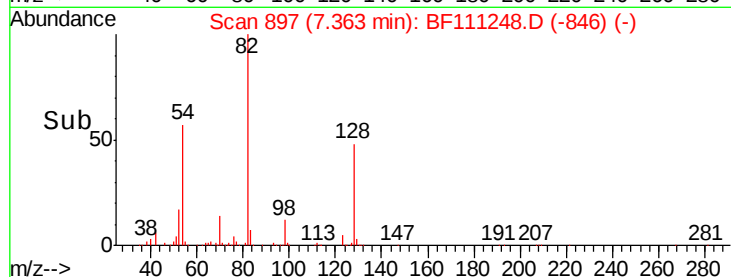
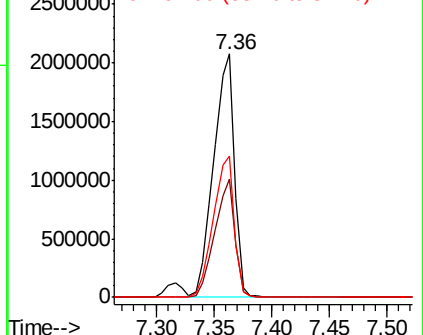
#23
 Nitrobenzene-d5
 Concen: 62.406 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

Tgt Ion: 82 Resp: 2604478
 Ion Ratio Lower Upper
 82 100
 128 48.3 37.4 56.2
 54 57.8 47.6 71.4

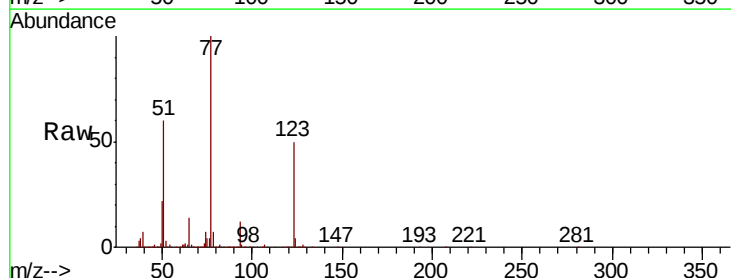


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

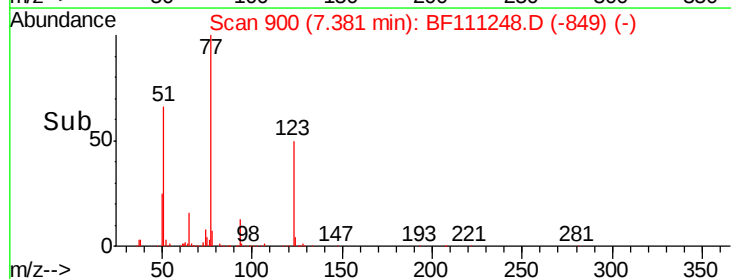
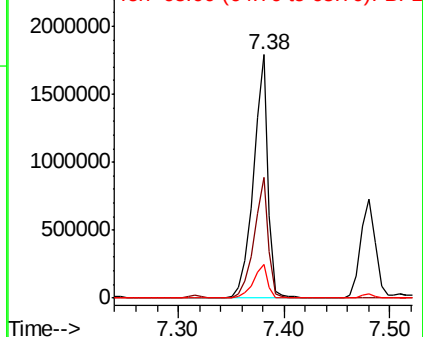


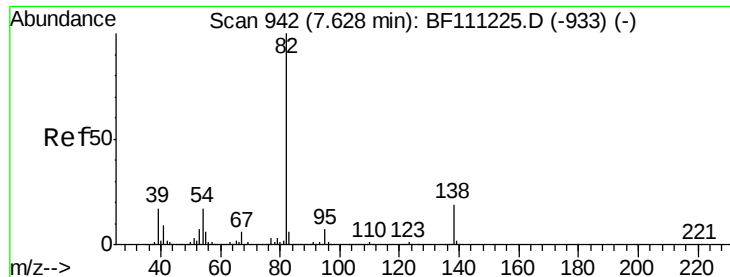
#24
 Nitrobenzene
 Concen: 39.466 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion: 77 Resp: 1714270
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.2 55.8
 65 13.9 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

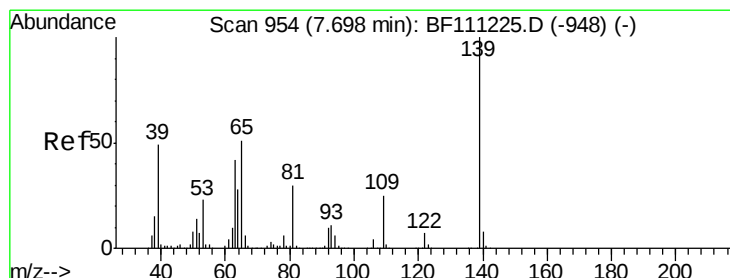
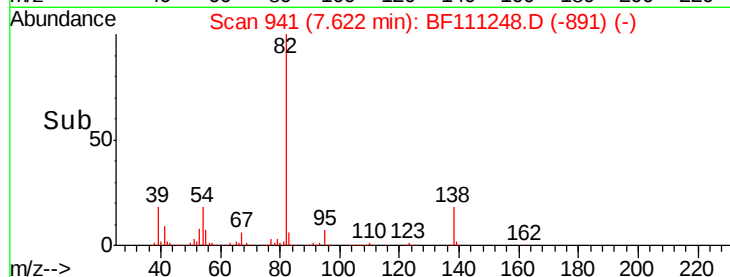
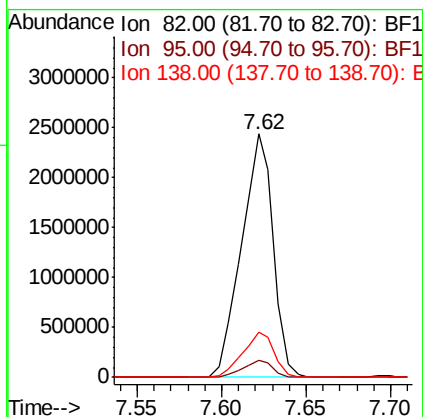
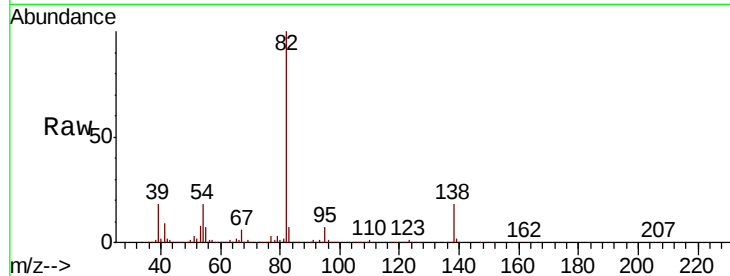




#25
Isophorone
Concen: 44.732 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

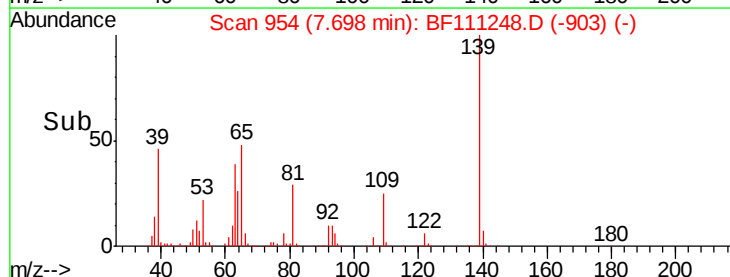
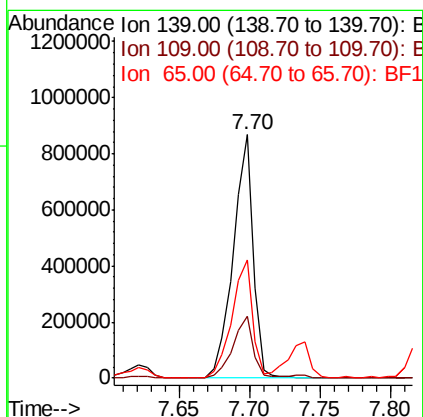
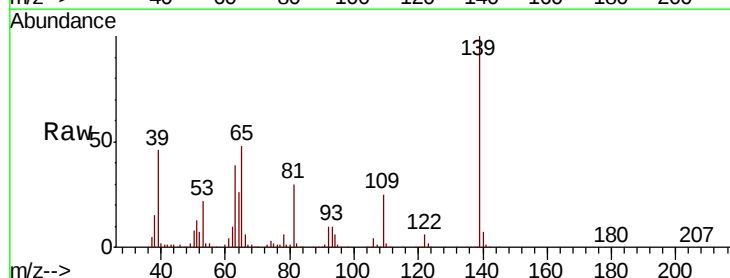
Instrument :
BNA_F
ClientSampleId :
PB115276BS

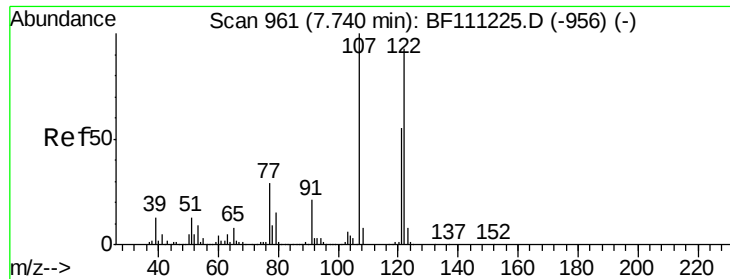
Tgt Ion: 82 Resp: 3179696
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.3 15.1 22.7



#26
2-Nitrophenol
Concen: 39.705 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion: 139 Resp: 856890
Ion Ratio Lower Upper
139 100
109 25.2 20.2 30.4
65 48.4 40.7 61.1

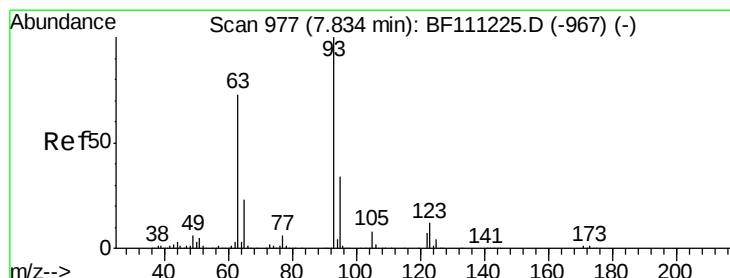
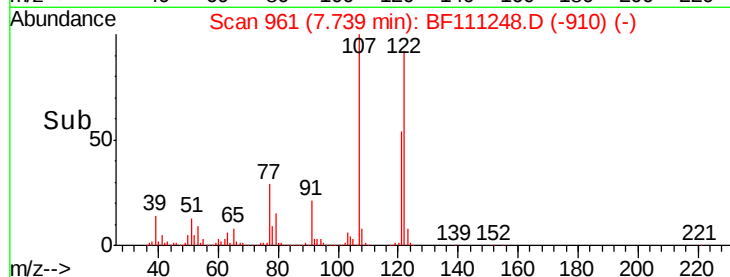
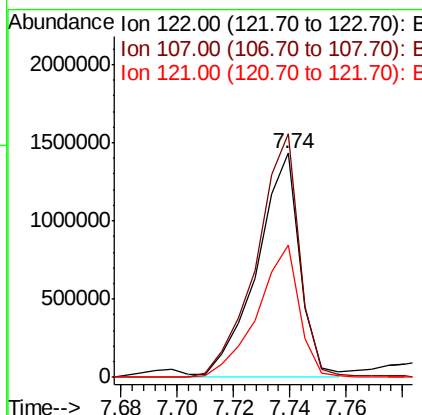
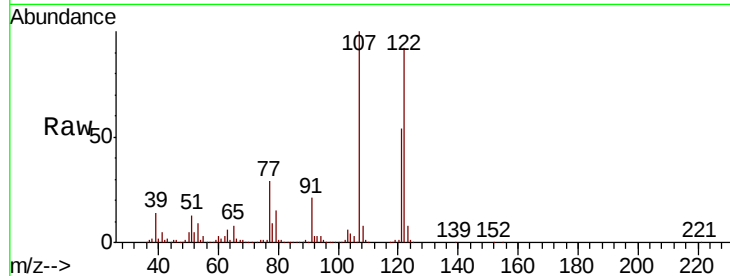




#27
 2,4-Dimethylphenol
 Concen: 45.394 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

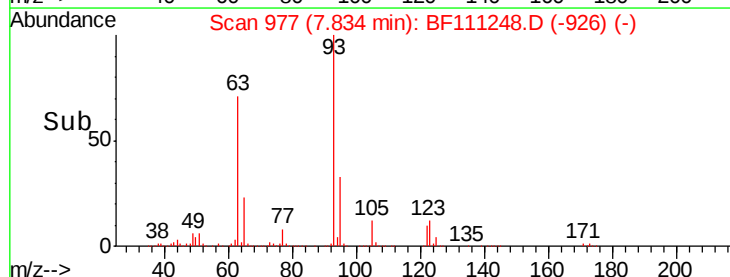
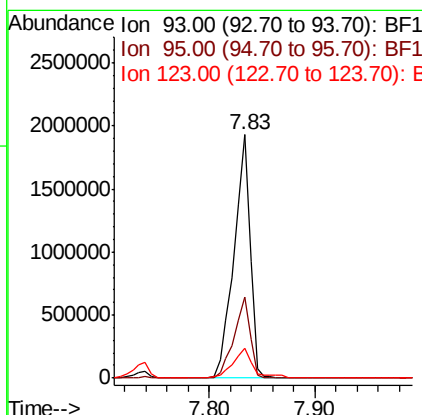
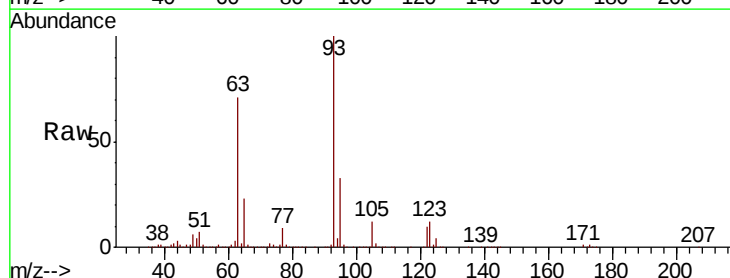
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

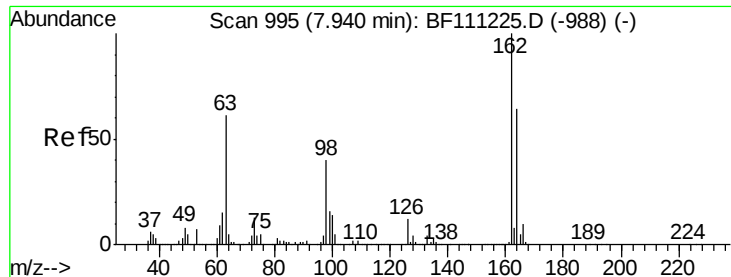
Tgt Ion:122 Resp: 1513825
 Ion Ratio Lower Upper
 122 100
 107 108.8 85.5 128.3
 121 58.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.379 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion: 93 Resp: 2036827
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.1 40.7
 123 12.2 9.9 14.9

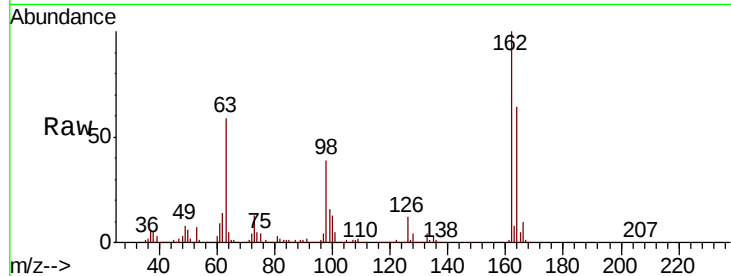




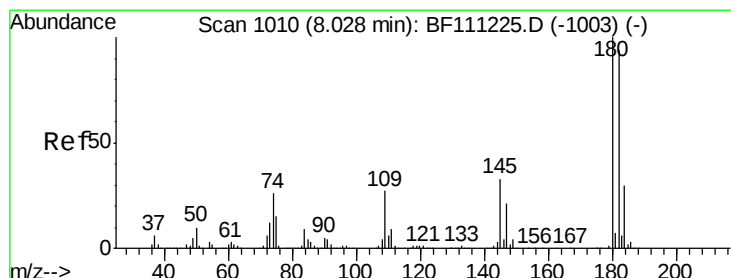
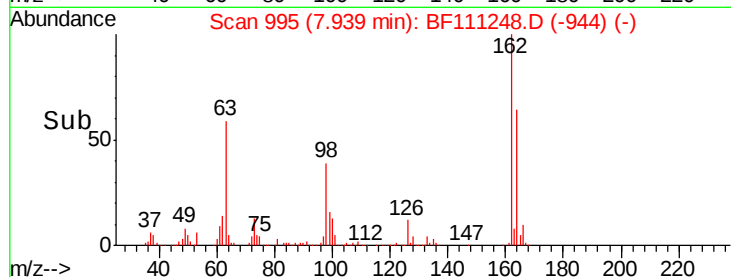
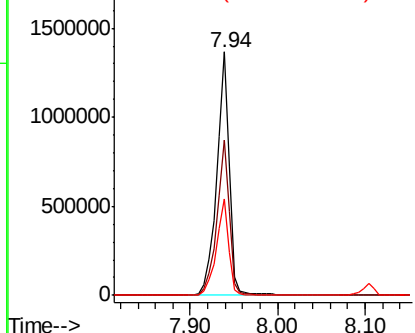
#29
2,4-Dichlorophenol
Concen: 40.019 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:162 Resp: 1364612
Ion Ratio Lower Upper
162 100
164 64.0 44.4 84.4
98 39.4 20.3 60.3

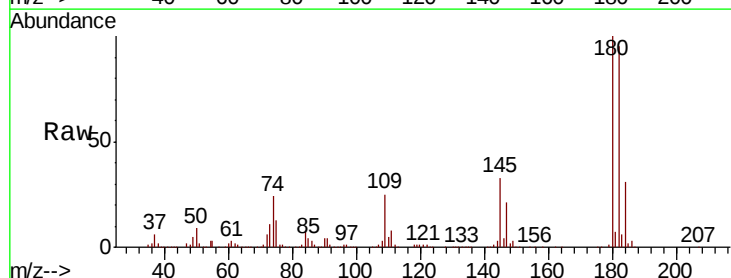


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

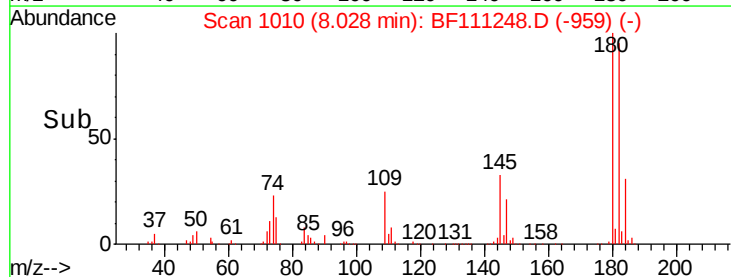
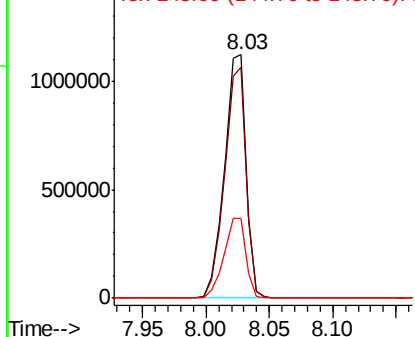


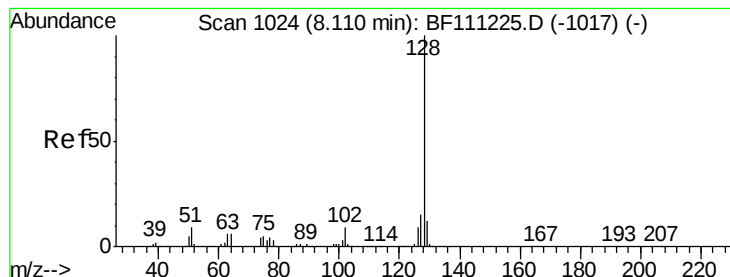
#30
1,2,4-Trichlorobenzene
Concen: 39.230 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:180 Resp: 1317695
Ion Ratio Lower Upper
180 100
182 95.0 75.6 113.4
145 32.7 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: 43.267 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

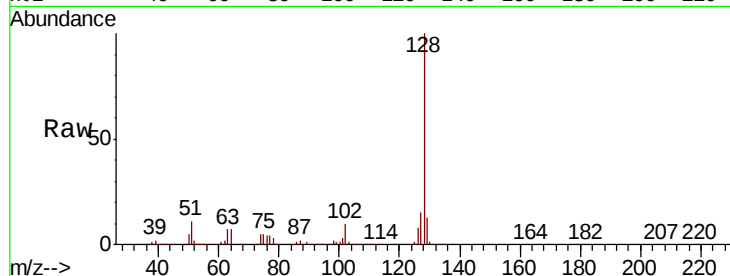
Tgt Ion:128 Resp: 4420347

Ion Ratio Lower Upper

128 100

129 12.7 9.8 14.8

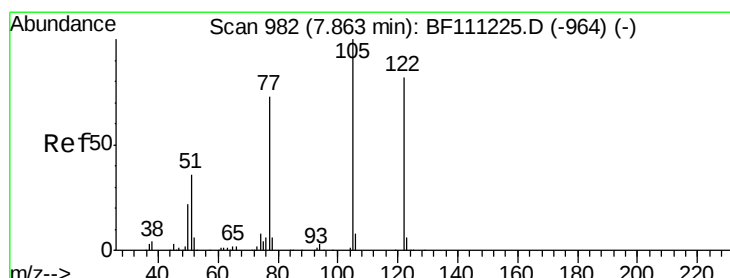
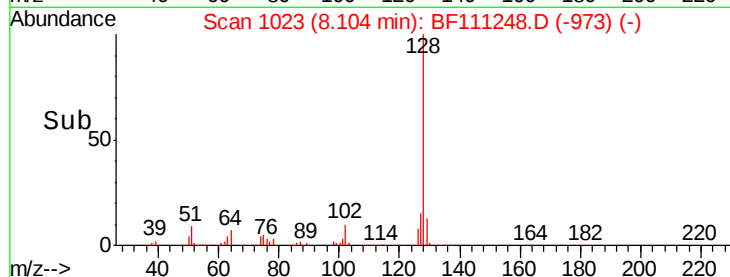
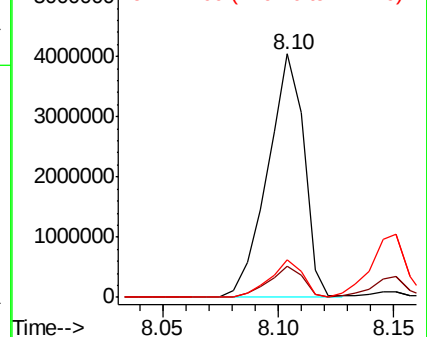
127 15.3 12.0 18.0



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: 42.479 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

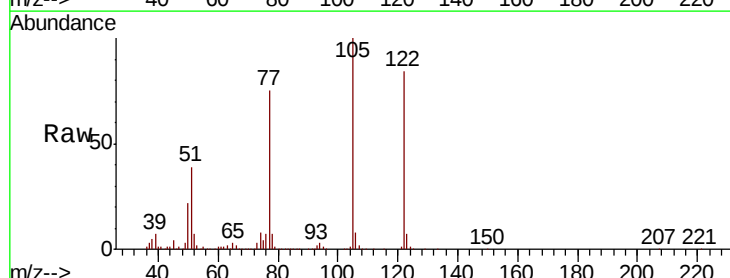
Tgt Ion:122 Resp: 1171454

Ion Ratio Lower Upper

122 100

105 119.5 97.0 137.0

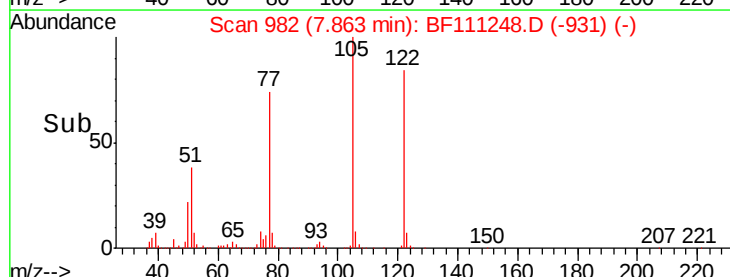
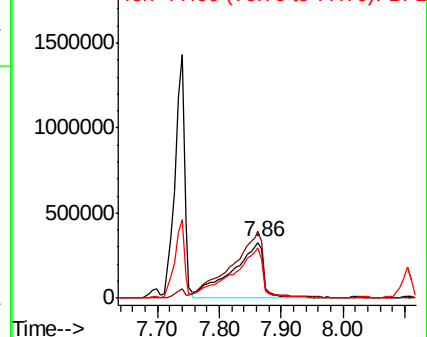
77 89.5 65.7 105.7

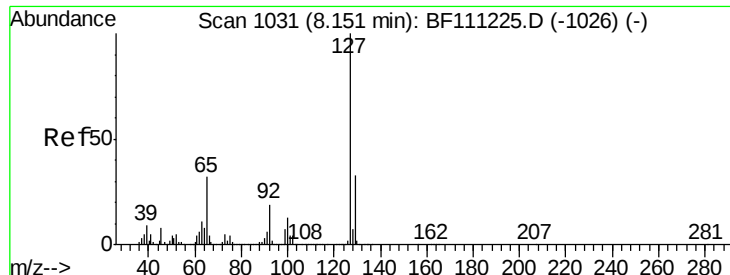


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

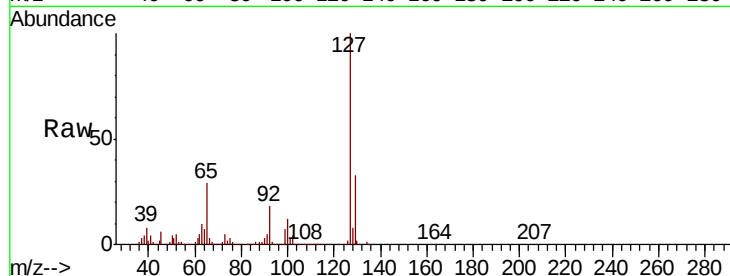




#33
4-Chloroaniline
Concen: 23.225 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:	127	Resp:	1139650
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	29.3	25.7	38.5
92	18.1	15.4	23.2



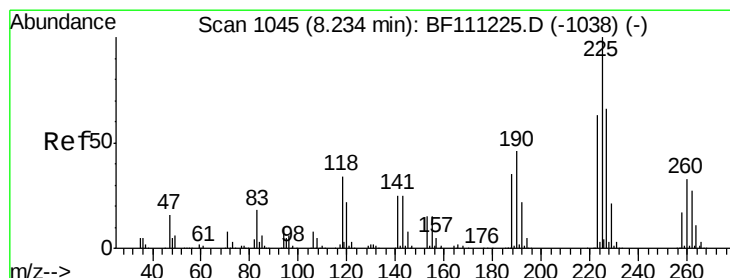
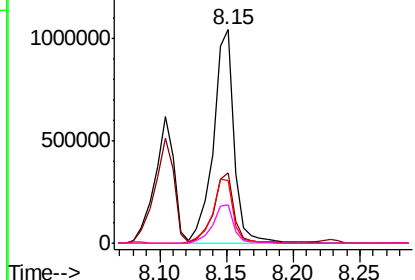
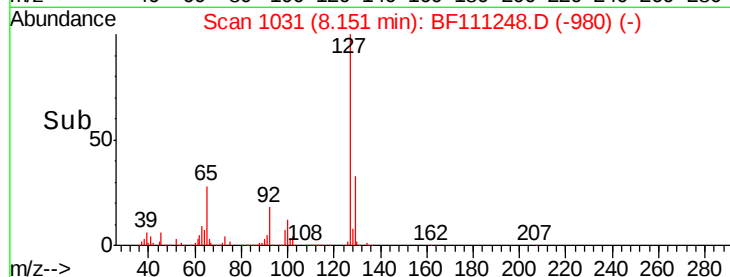
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

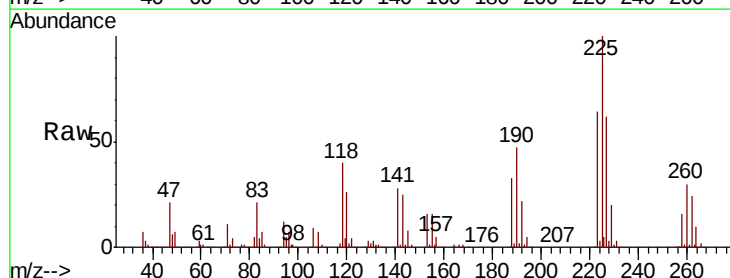
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.795 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:	225	Resp:	700754
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	62.1	52.6	78.8

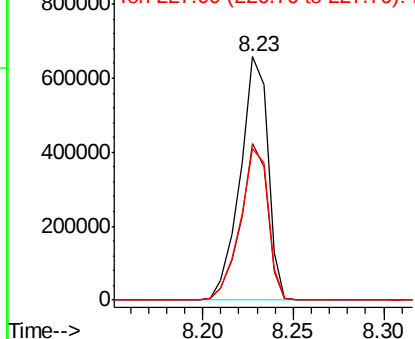
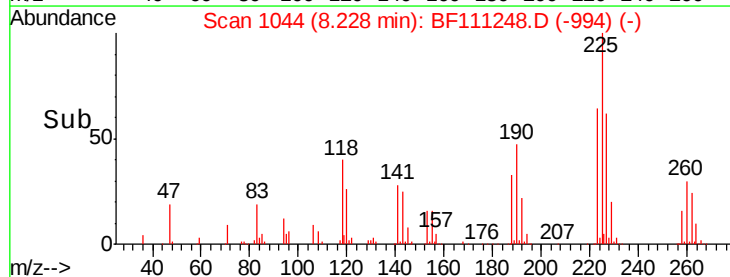


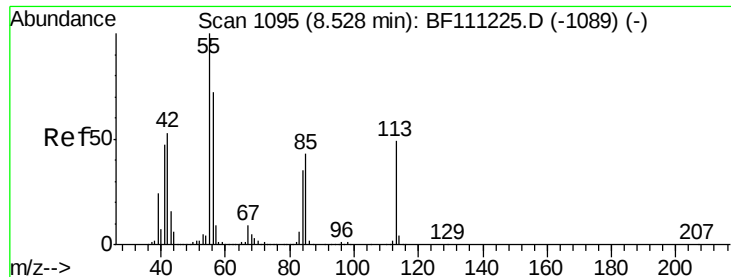
Abundance

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

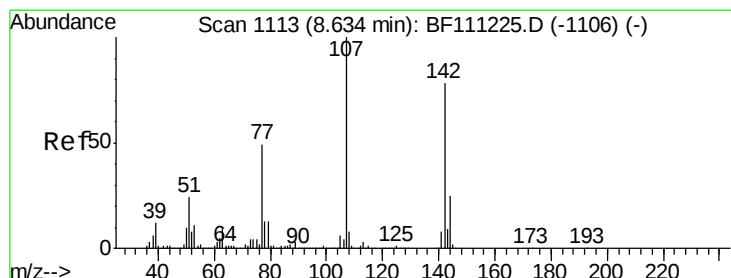
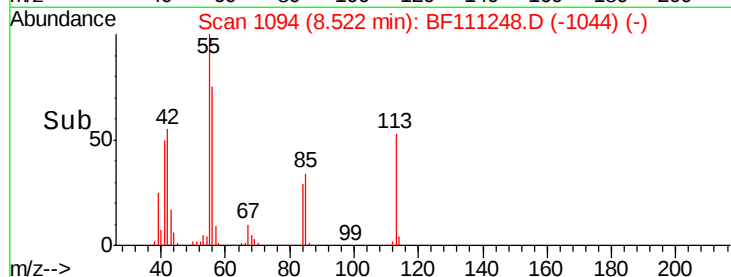
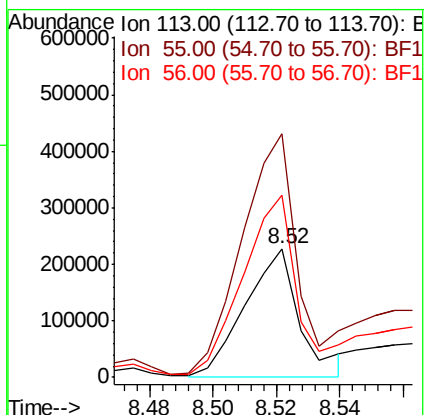
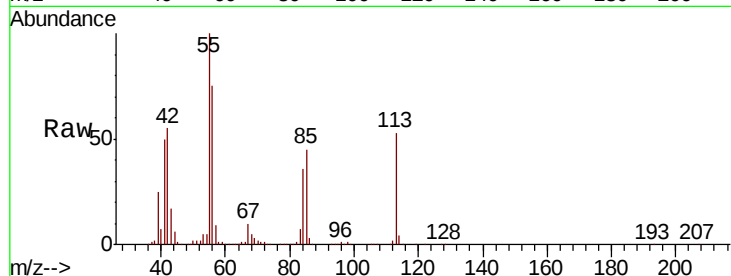




#35
 Caprolactam
 Concen: 22.514 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

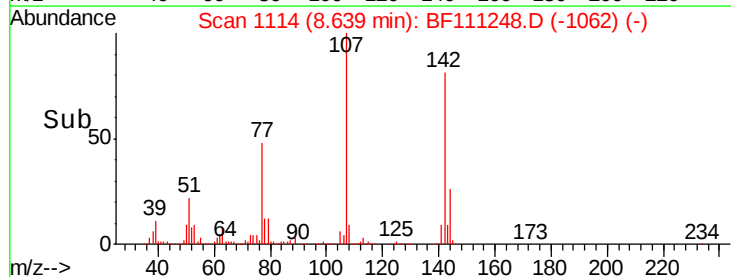
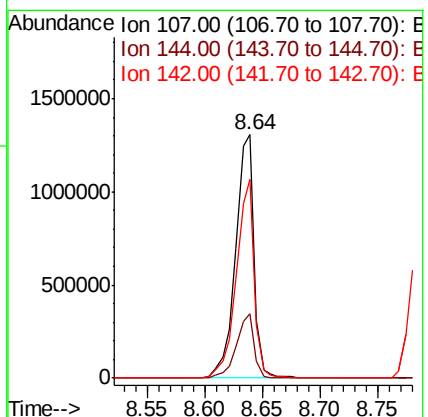
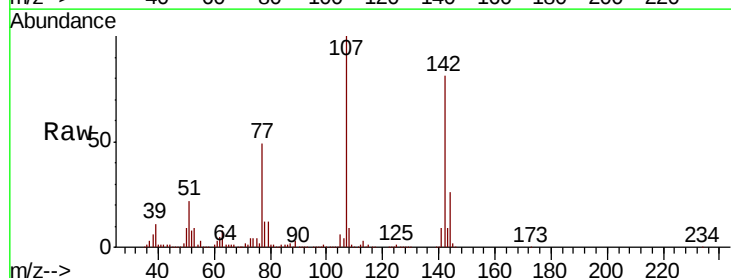
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

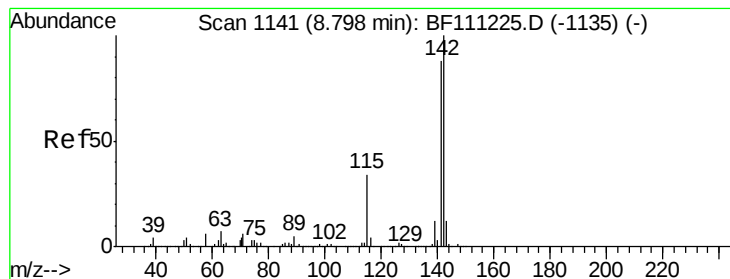
Tgt Ion:113 Resp: 272047
 Ion Ratio Lower Upper
 113 100
 55 189.6 184.1 224.1
 56 141.5 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.660 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:107 Resp: 1454472
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.8 29.6
 142 81.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 44.686 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

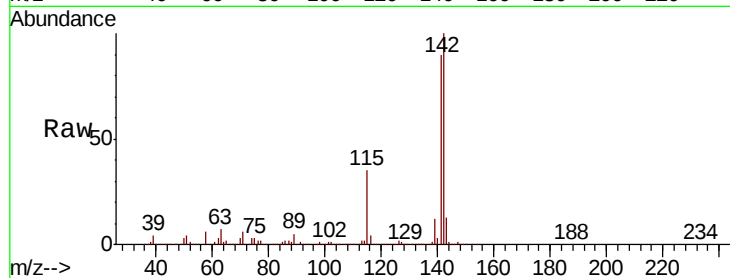
Tgt Ion:142 Resp: 3031012

Ion Ratio Lower Upper

142 100

141 90.2 70.6 105.8

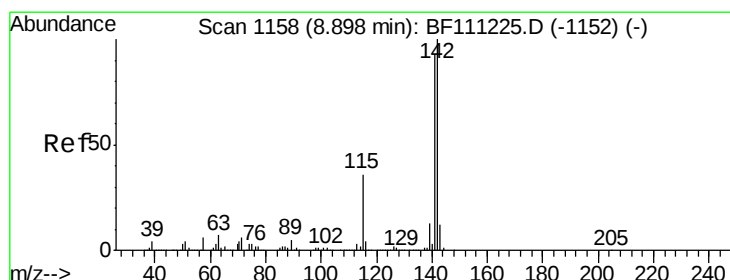
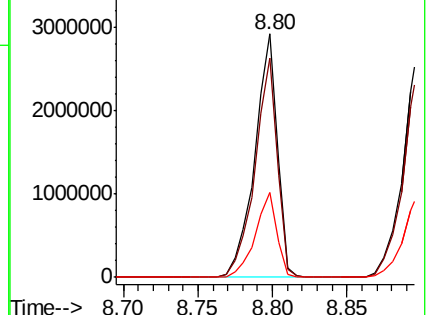
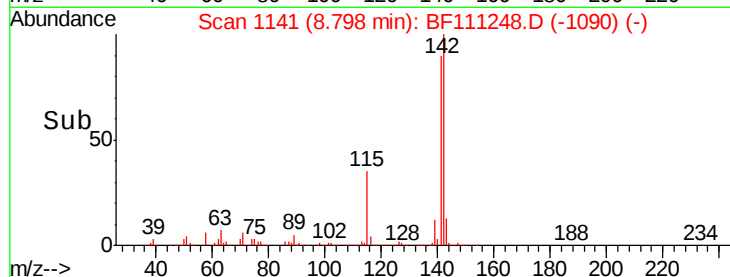
115 34.7 27.0 40.6



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: 43.235 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

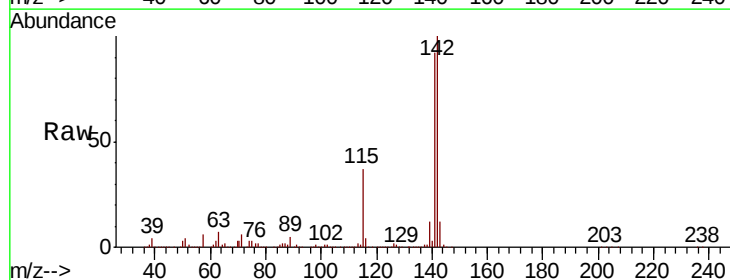
Tgt Ion:142 Resp: 2871846

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

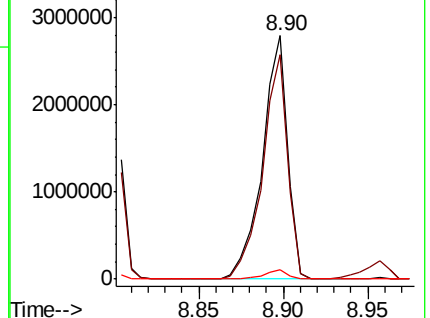
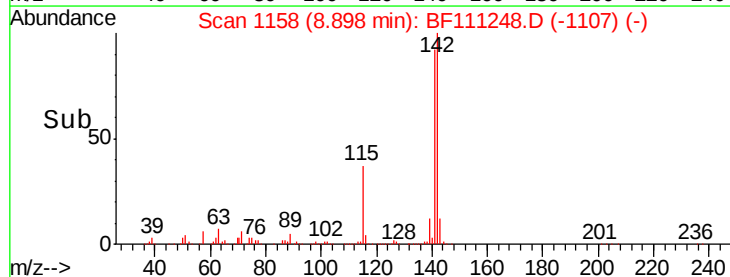
116 3.8 2.9 4.3

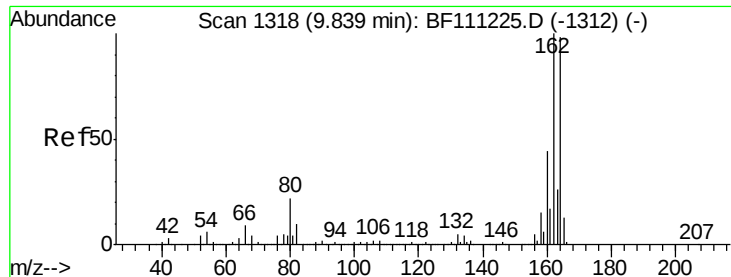


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

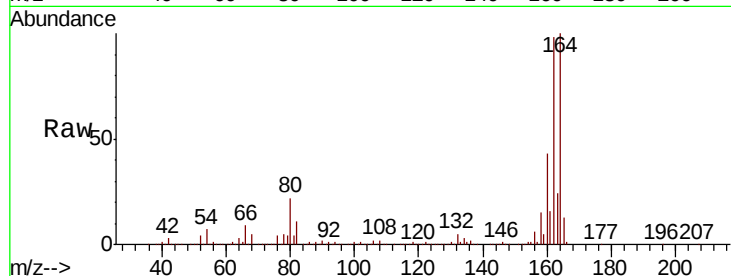




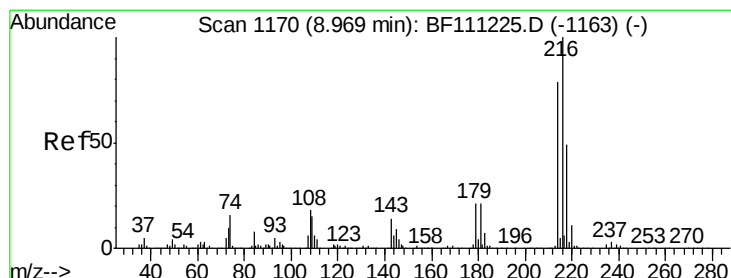
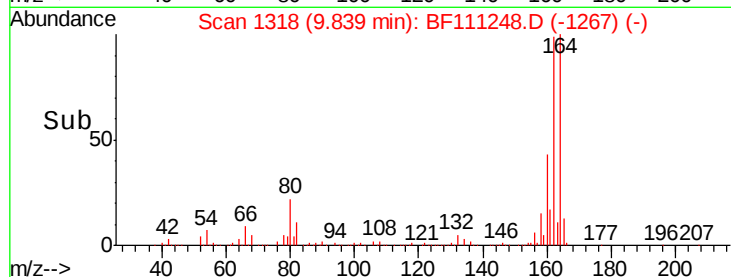
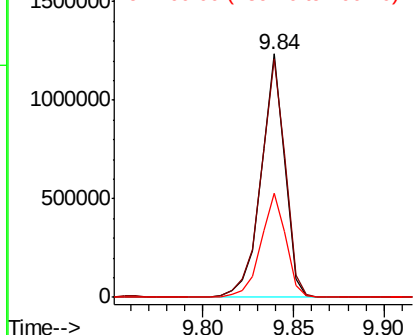
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:164 Resp: 1116387
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 42.9 35.7 53.5

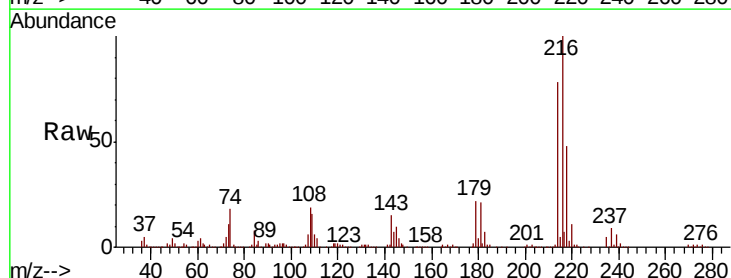


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

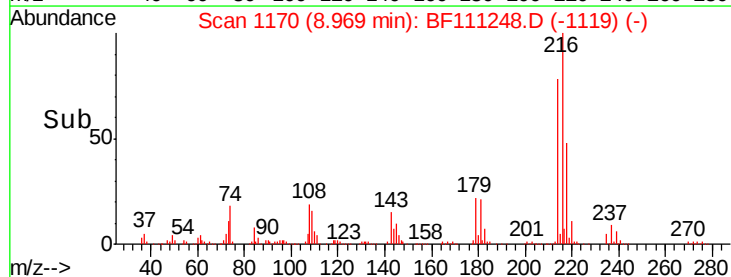
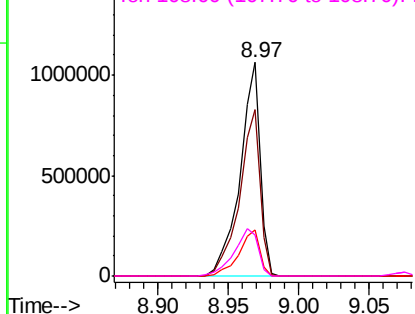


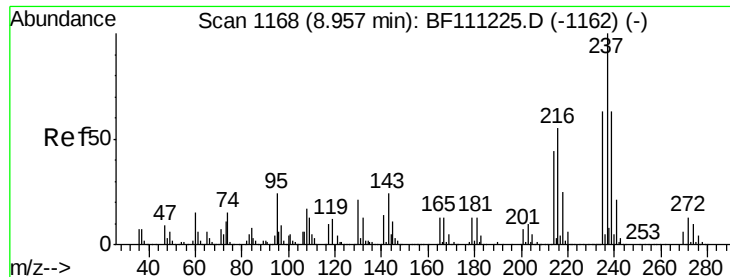
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.051 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:216 Resp: 1057757
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 22.3 17.9 26.9
108 26.2 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

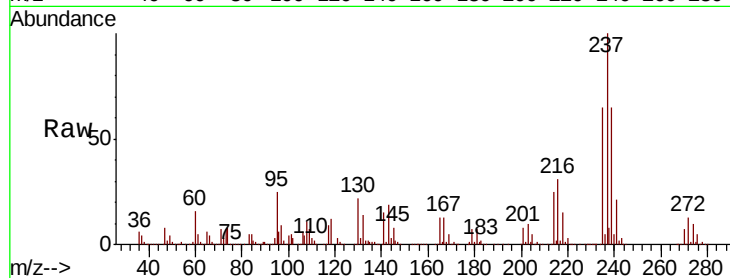




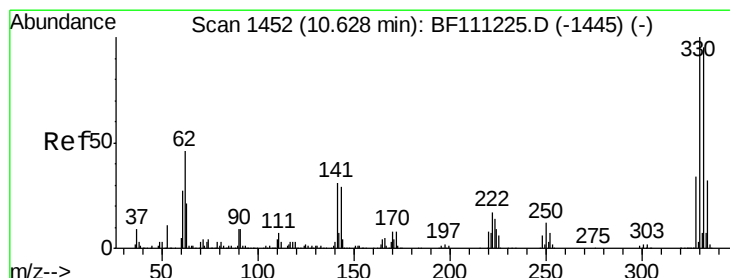
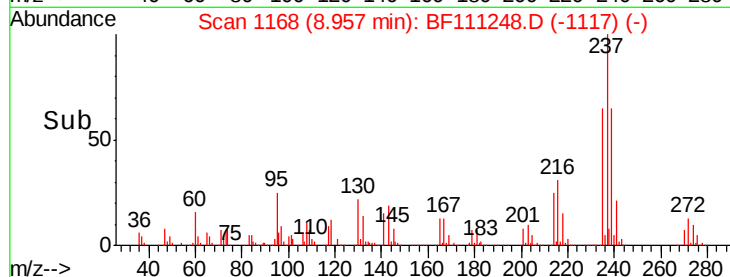
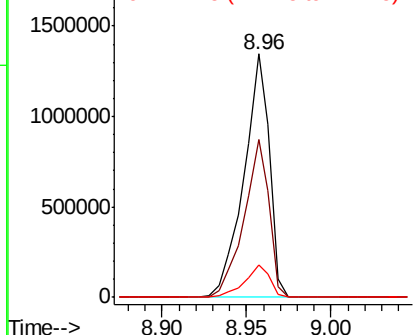
#41
Hexachlorocyclopentadiene
Concen: 80.410 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:237 Resp: 1422524
Ion Ratio Lower Upper
237 100
235 64.9 43.1 83.1
272 13.1 0.0 33.0

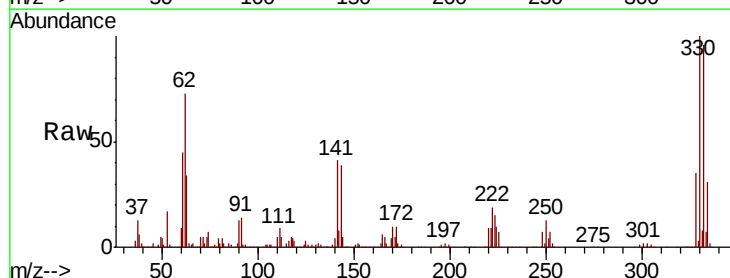


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

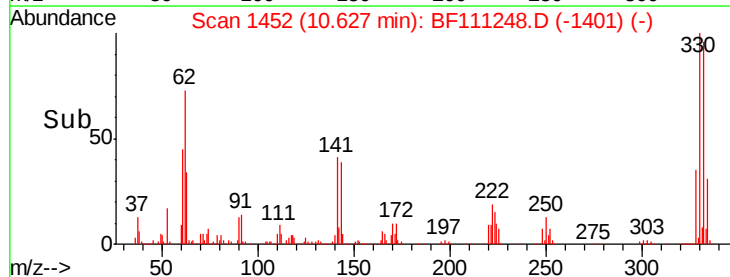
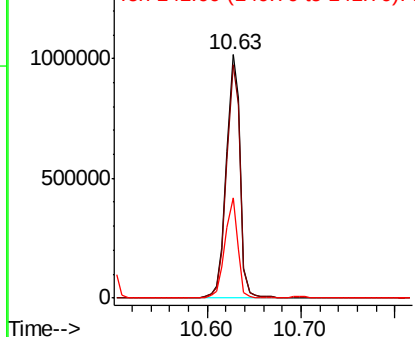


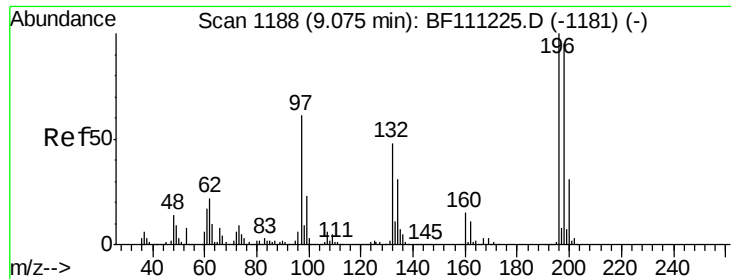
#42
2,4,6-Tribromophenol
Concen: 105.514 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:330 Resp: 1043435
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 38.5 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

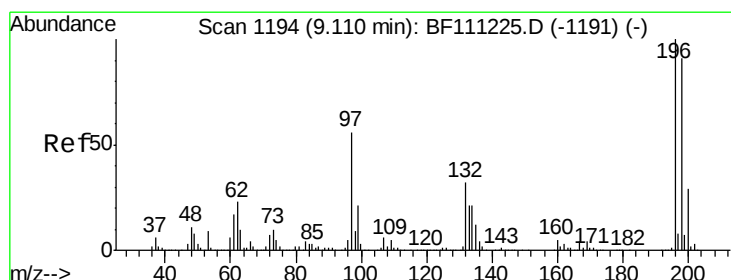
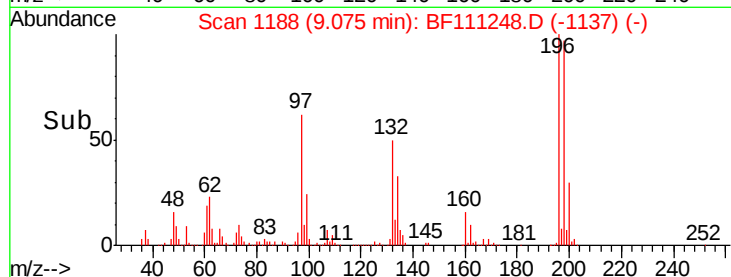
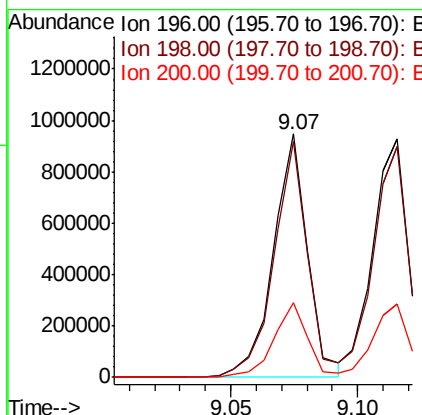
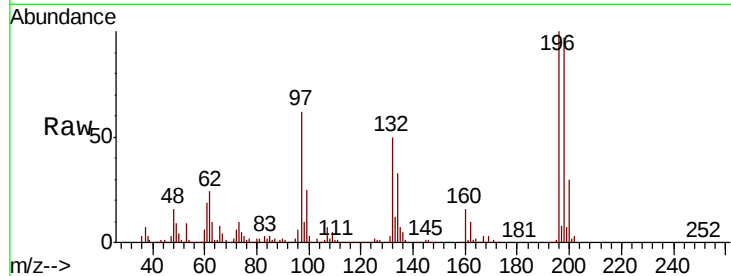




#43
 2,4,6-Trichlorophenol
 Concen: 38.528 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

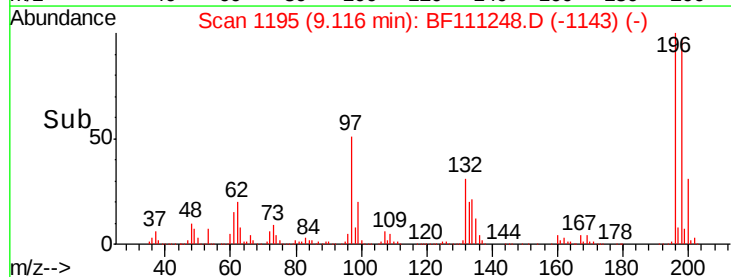
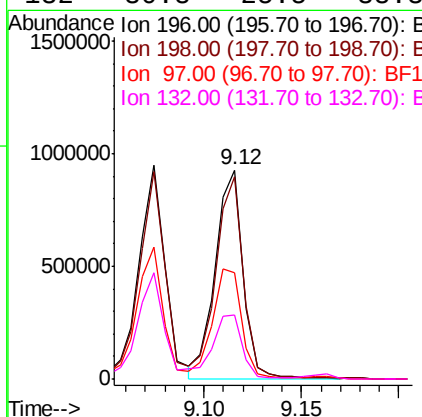
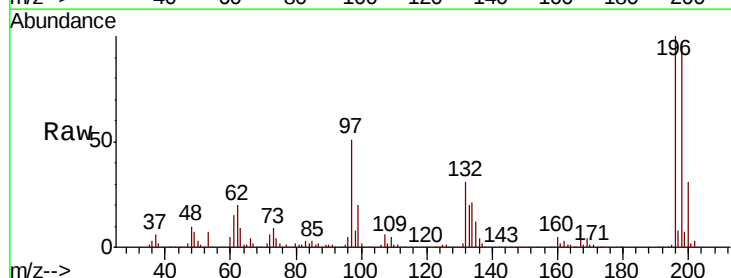
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

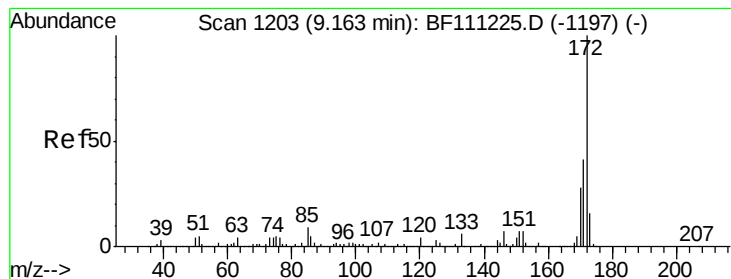
Tgt Ion:196 Resp: 898376
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.3 114.5
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.571 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:196 Resp: 912604
 Ion Ratio Lower Upper
 196 100
 198 96.9 72.9 109.3
 97 50.9 45.3 67.9
 132 30.8 25.5 38.3





#45

2-Fluorobiphenyl

Concen: 60.528 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

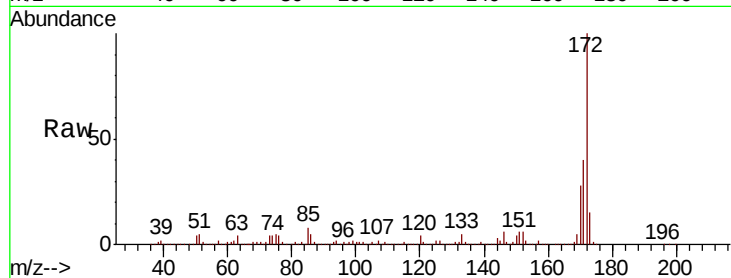
Tgt Ion:172 Resp: 4252552

Ion Ratio Lower Upper

172 100

171 39.9 33.0 49.4

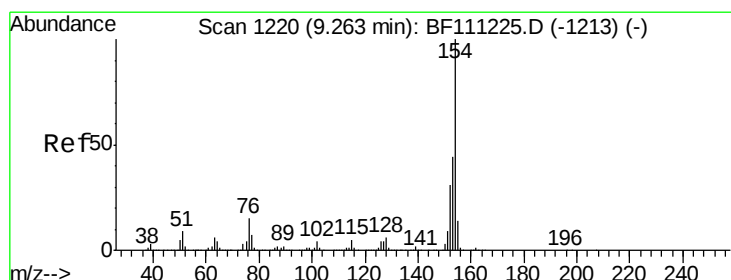
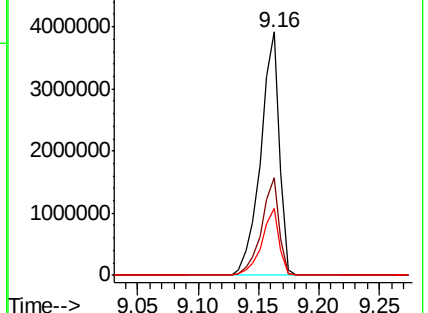
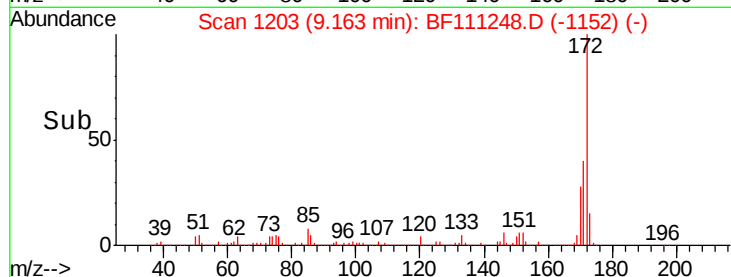
170 27.5 22.3 33.5



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: 36.190 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

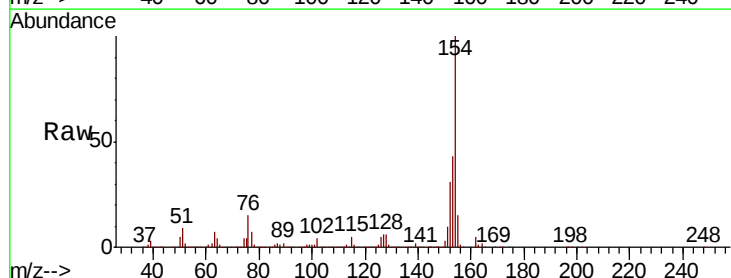
Tgt Ion:154 Resp: 3358287

Ion Ratio Lower Upper

154 100

153 42.7 23.7 63.7

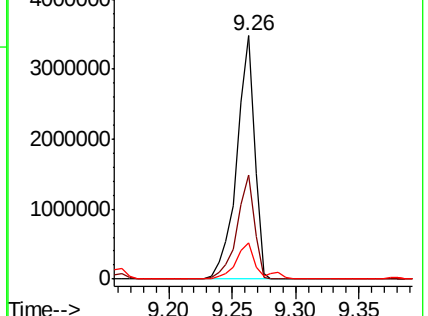
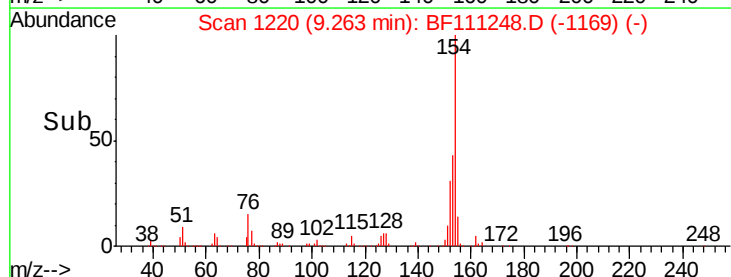
76 14.9 0.0 35.0

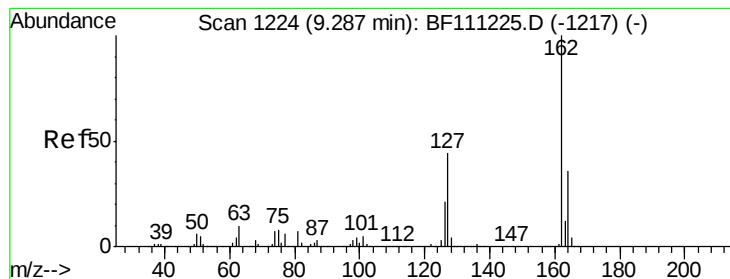


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 36.976 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

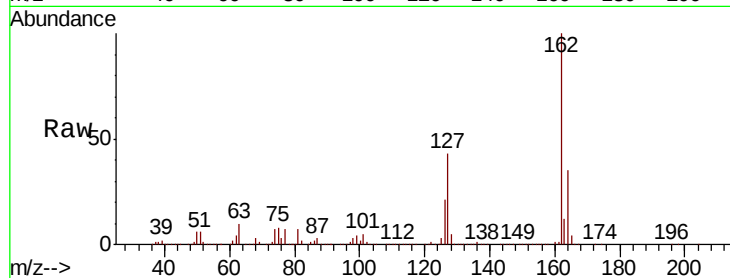
Tgt Ion: 162 Resp: 2700998

Ion Ratio Lower Upper

162 100

127 42.8 35.0 52.4

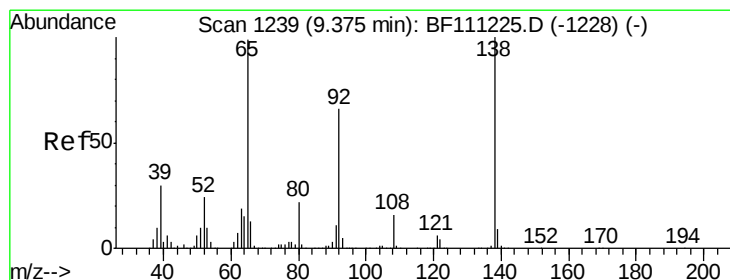
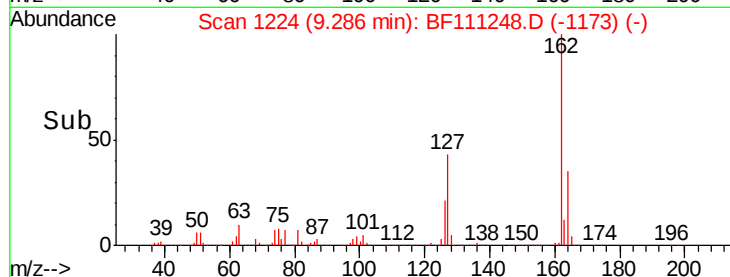
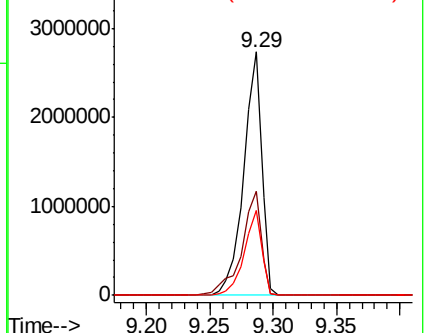
164 34.8 28.4 42.6



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: 38.554 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

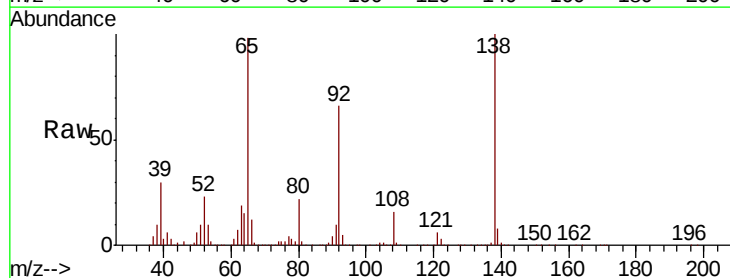
Tgt Ion: 65 Resp: 960703

Ion Ratio Lower Upper

65 100

92 67.1 53.5 80.3

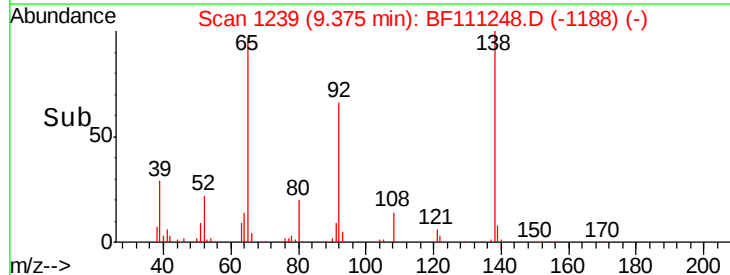
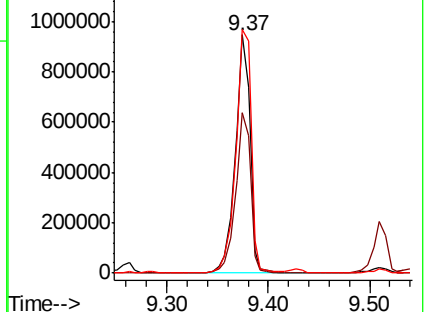
138 102.2 80.9 121.3

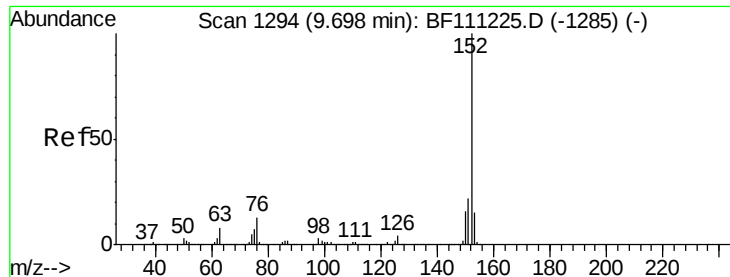


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.188 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

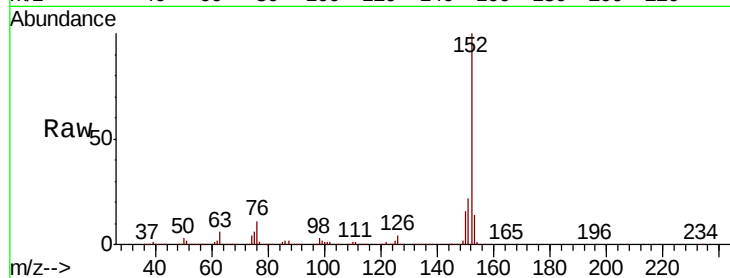
BNA_F

ClientSampleId :

PB115276BS

Tgt Ion:152 Resp: 4155757

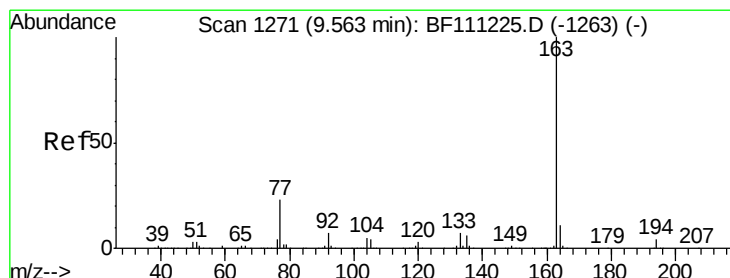
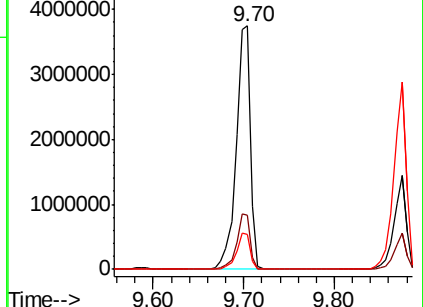
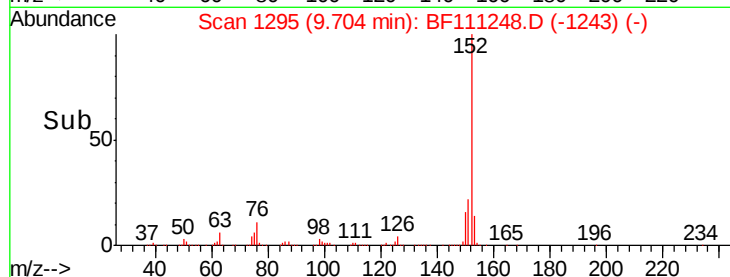
Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.0	27.0
153	14.4	12.3	18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.077 ng

RT: 9.56 min Scan# 1271

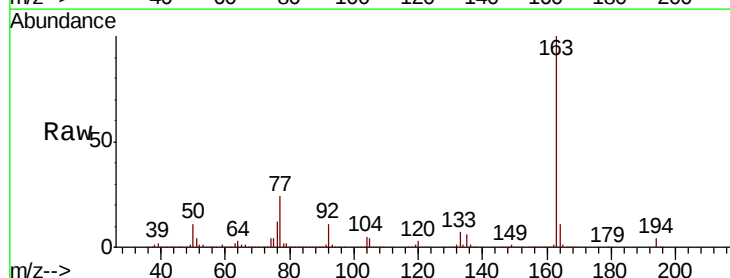
Delta R.T. 0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Tgt Ion:163 Resp: 3054123

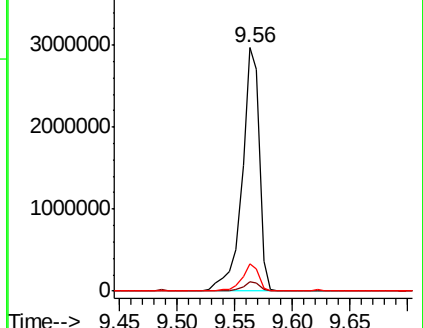
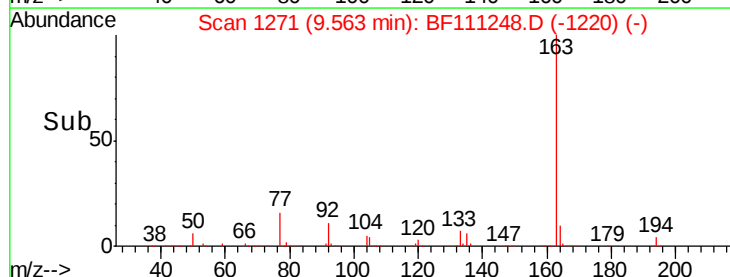
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	11.2	8.9	13.3

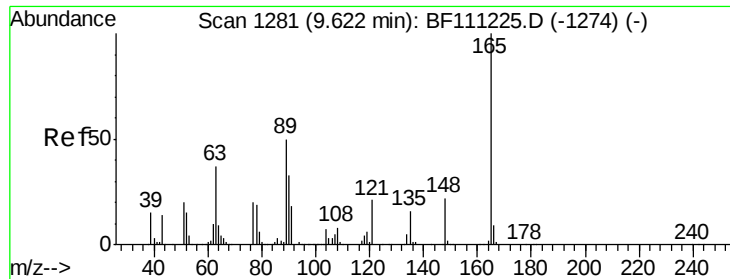


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

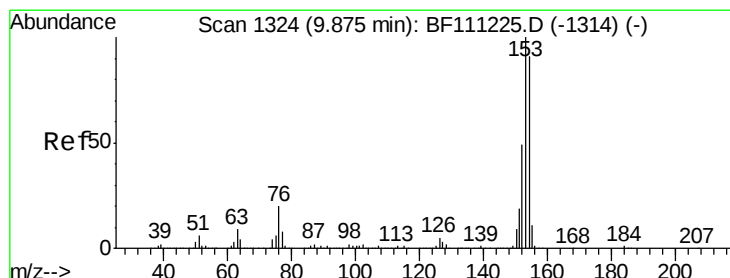
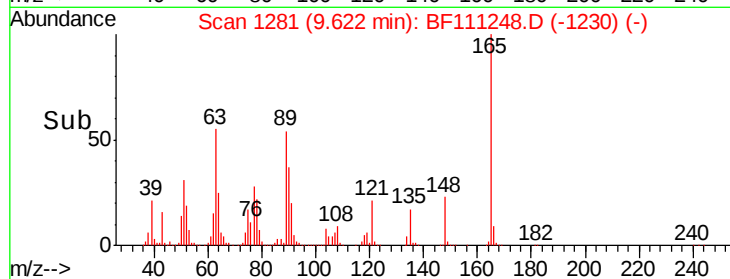
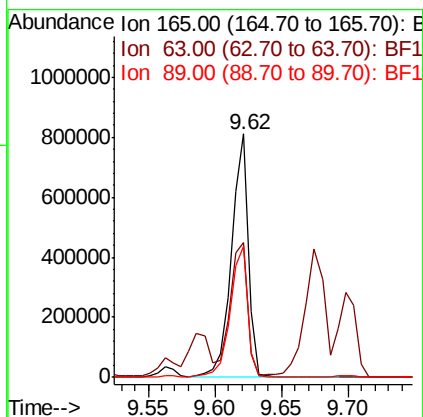
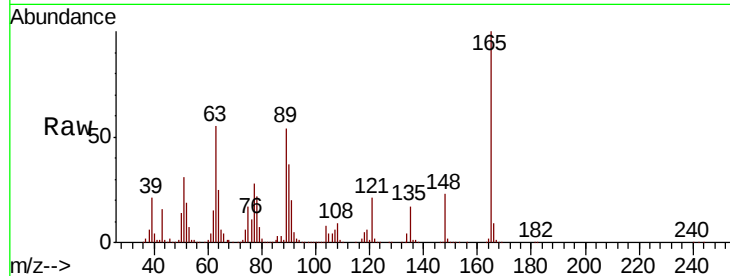




#51
 2,6-Dinitrotoluene
 Concen: 40.149 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

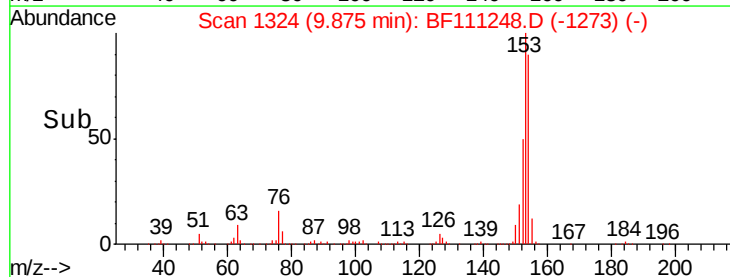
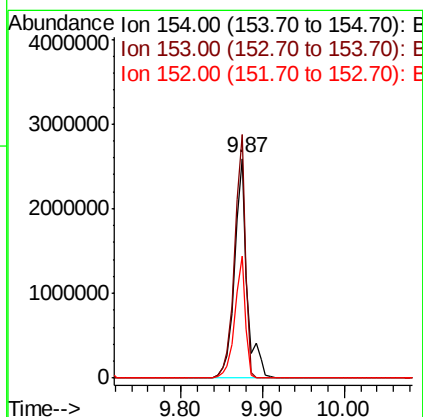
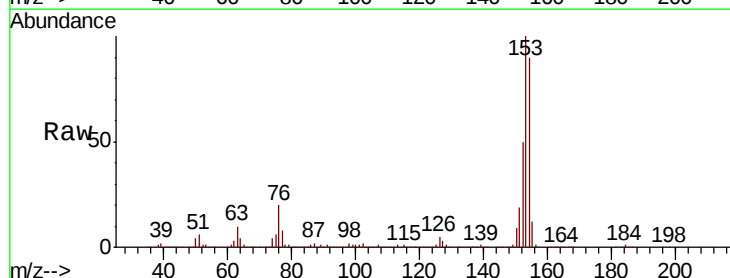
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

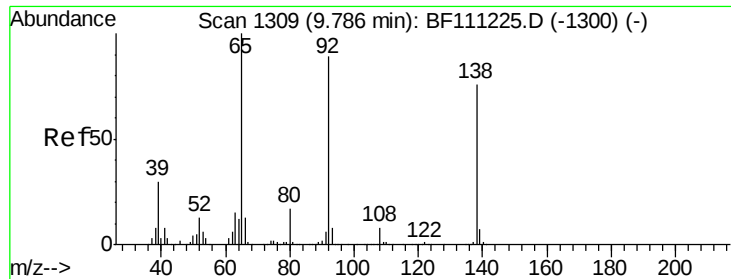
Tgt Ion:165 Resp: 730356
 Ion Ratio Lower Upper
 165 100
 63 55.4 40.5 60.7
 89 53.7 40.0 60.0



#52
 Acenaphthene
 Concen: 41.657 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:154 Resp: 2772216
 Ion Ratio Lower Upper
 154 100
 153 110.8 87.8 131.8
 152 55.5 43.4 65.2

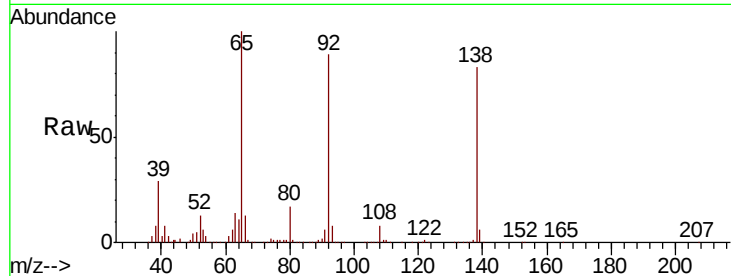




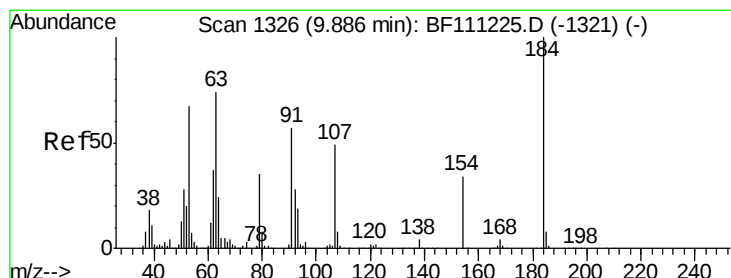
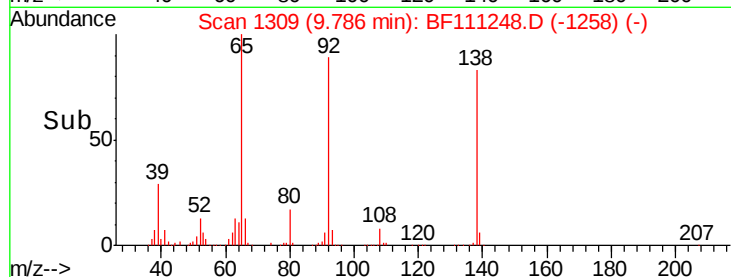
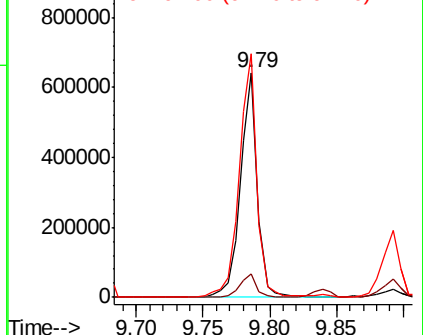
#53
 3-Nitroaniline
 Concen: 25.309 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

Tgt Ion:138 Resp: 568288
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.2 12.4
 92 108.4 93.4 140.2

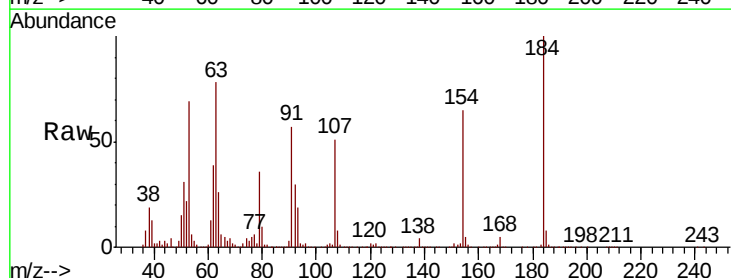


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

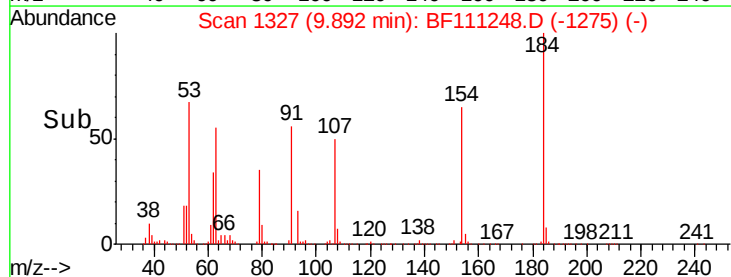
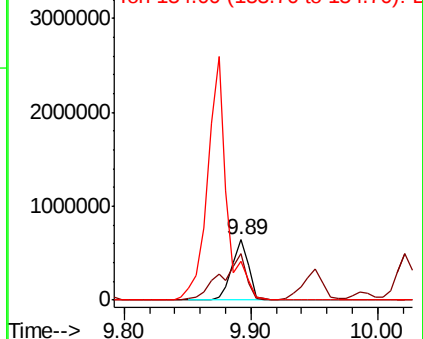


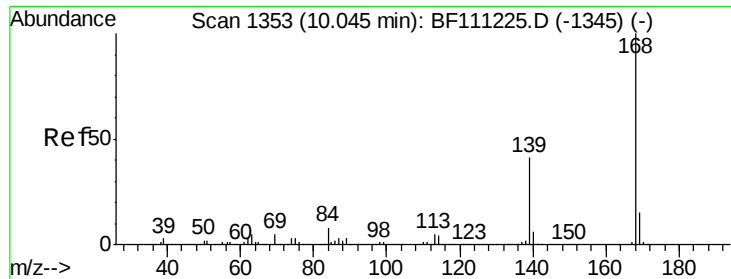
#54
 2,4-Dinitrophenol
 Concen: 83.079 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:184 Resp: 597224
 Ion Ratio Lower Upper
 184 100
 63 78.1 62.3 93.5
 154 64.7 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

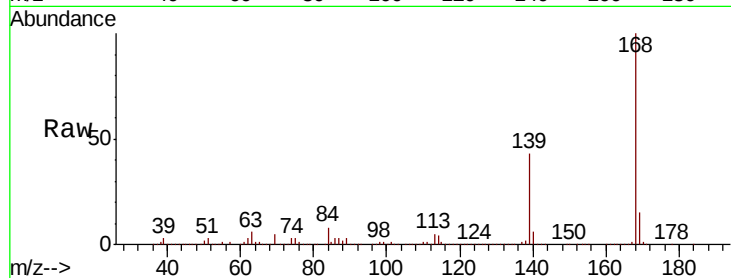




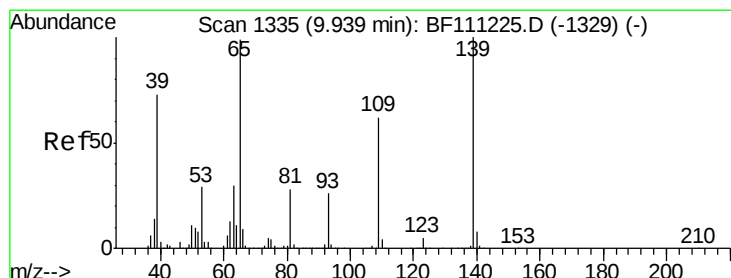
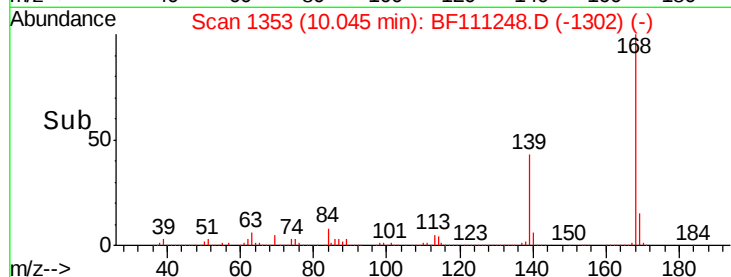
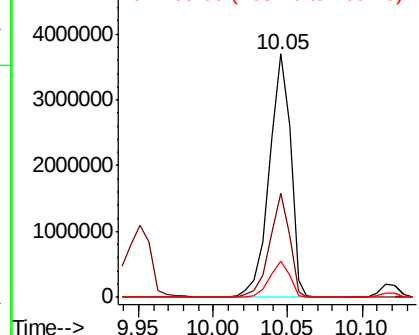
#55
Dibenzofuran
Concen: 39.980 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:168 Resp: 3619639
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 15.1 11.8 17.6

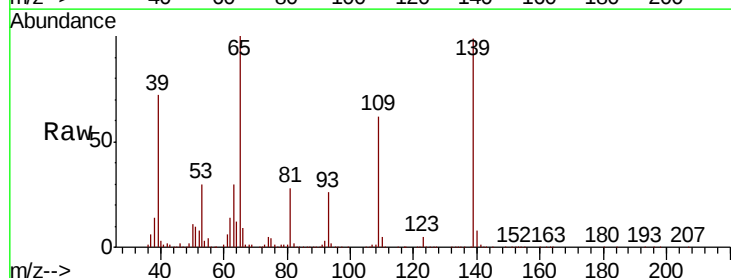


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

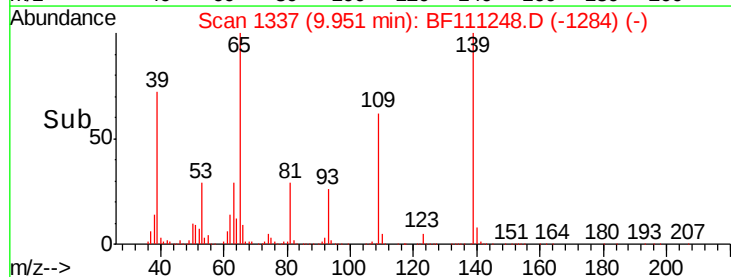
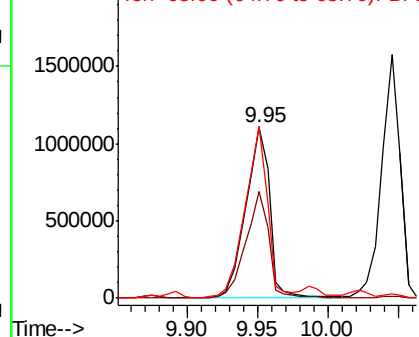


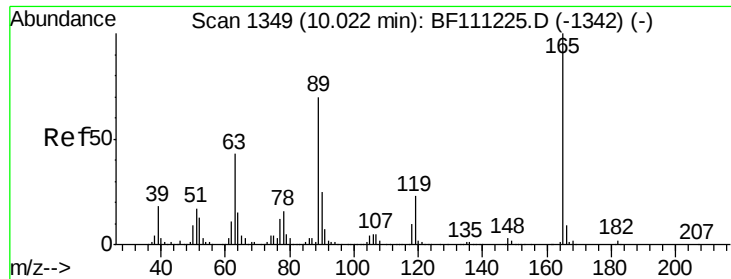
#56
4-Nitrophenol
Concen: 74.796 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:139 Resp: 1308011
Ion Ratio Lower Upper
139 100
109 62.5 41.8 81.8
65 100.6 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

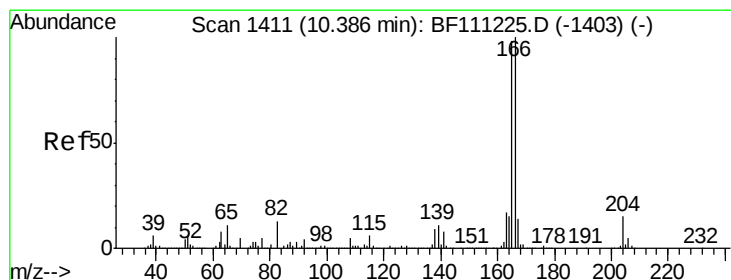
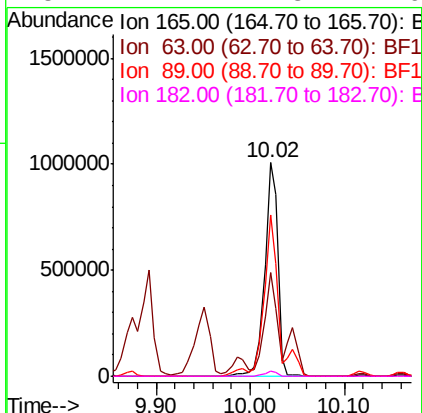
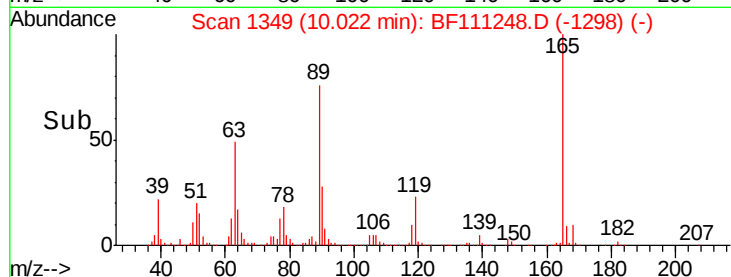
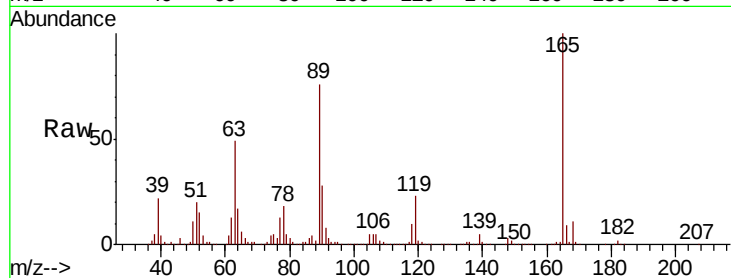




#57
 2,4-Dinitrotoluene
 Concen: 43.357 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

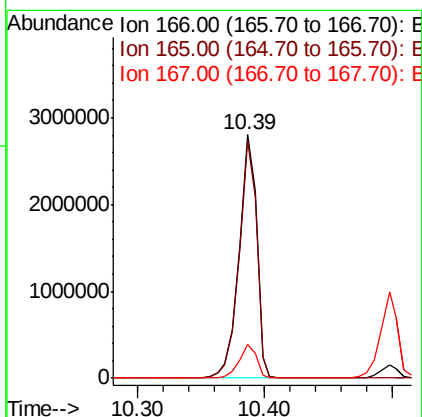
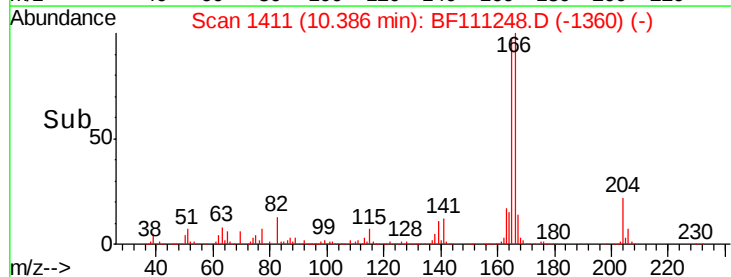
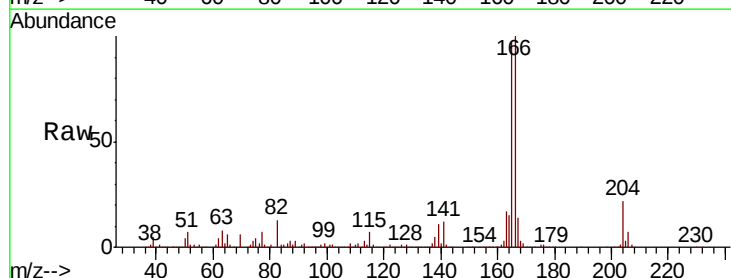
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

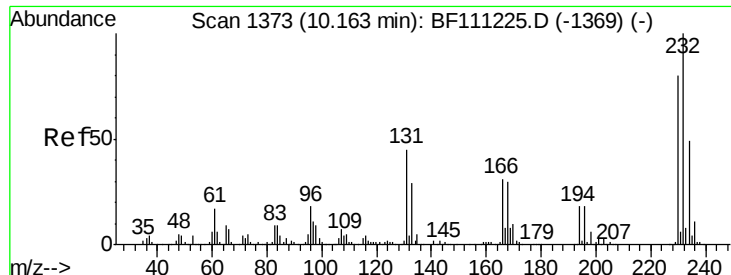
Tgt Ion:	165	Resp:	972320
Ion	Ratio	Lower	Upper
165	100		
63	48.8	34.6	52.0
89	75.6	56.2	84.4
182	2.4	1.8	2.6



#58
 Fluorene
 Concen: 38.145 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:	166	Resp:	2672398
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	14.0	11.2	16.8

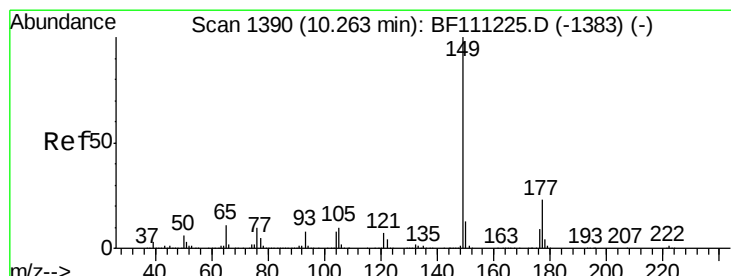
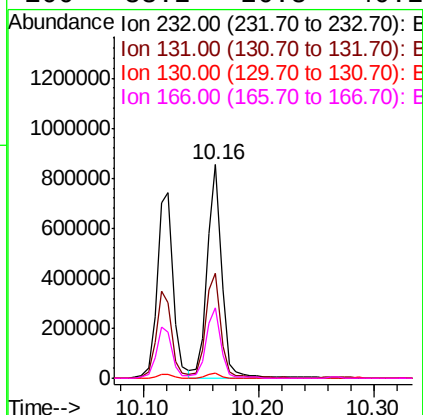
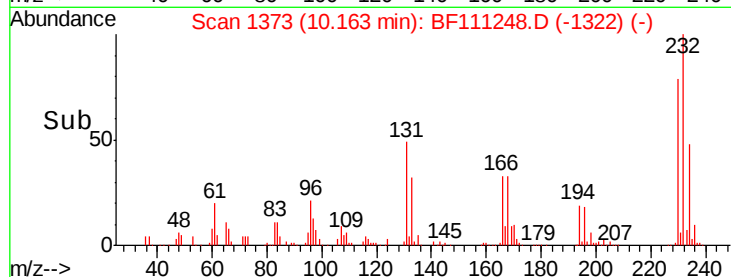
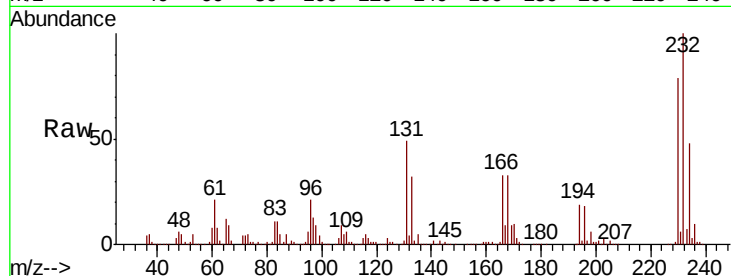




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.670 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

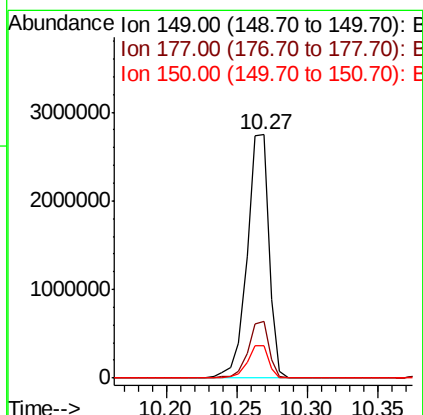
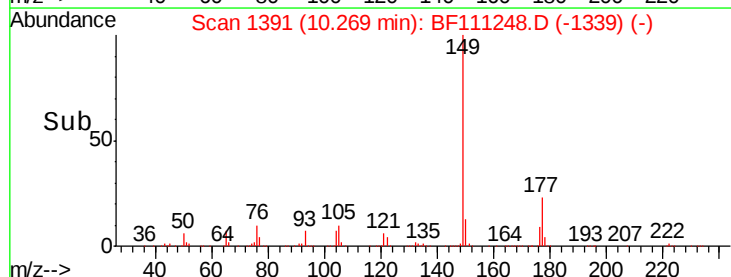
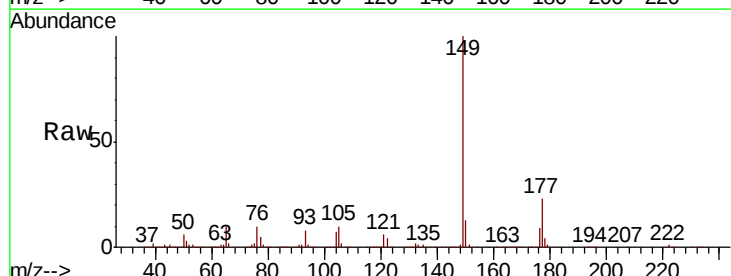
Instrument :
BNA_F
ClientSampleId :
PB115276BS

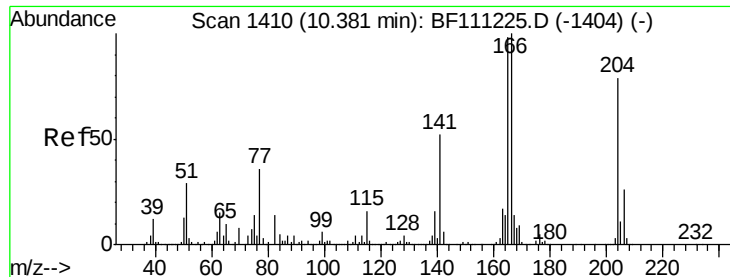
Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.2	40.9	61.3
130	2.5	2.0	3.0
166	33.2	26.8	40.2



#60
Diethylphthalate
Concen: 37.855 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	13.4	10.6	15.8

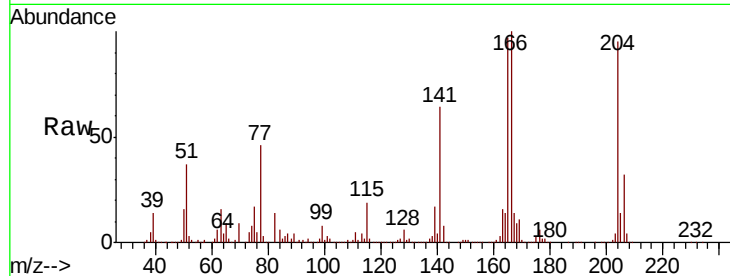




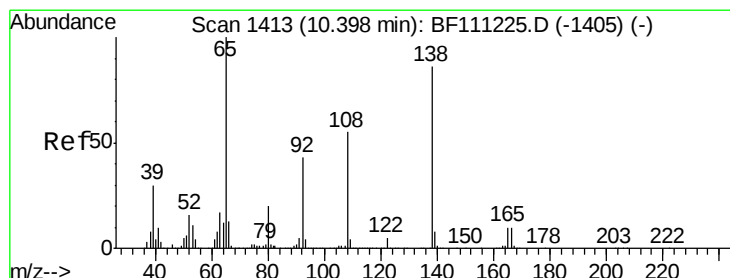
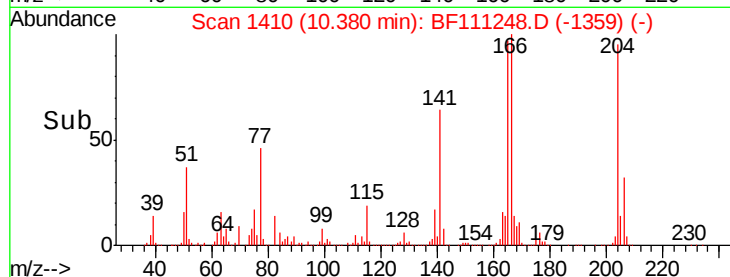
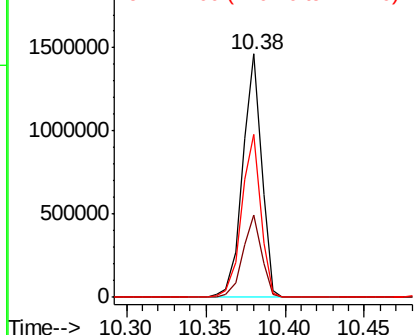
#61
4-Chlorophenyl-phenylether
Concen: 34.780 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:204 Resp: 1209855
Ion Ratio Lower Upper
204 100
206 34.0 26.6 39.8
141 66.8 52.6 78.8

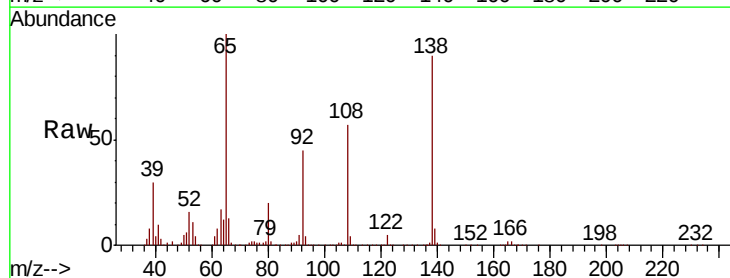


Abundance Ion 204.00 (203.70 to 204.70): E
2000000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

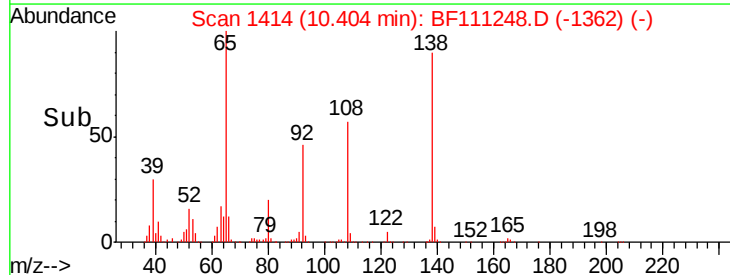
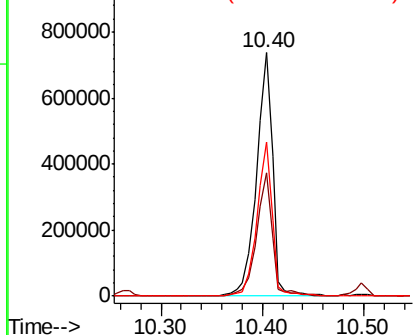


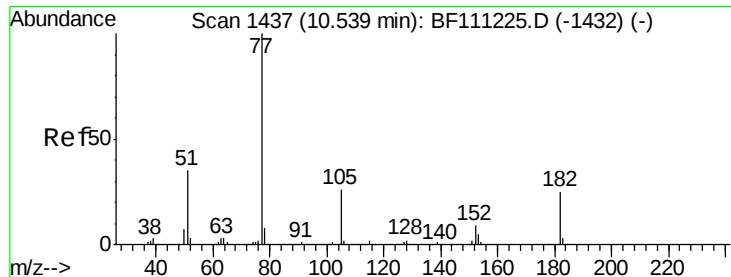
#62
4-Nitroaniline
Concen: 38.339 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:138 Resp: 814538
Ion Ratio Lower Upper
138 100
92 50.7 29.9 69.9
108 63.4 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
1000000 Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.399 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

Tgt Ion: 77 Resp: 3130838

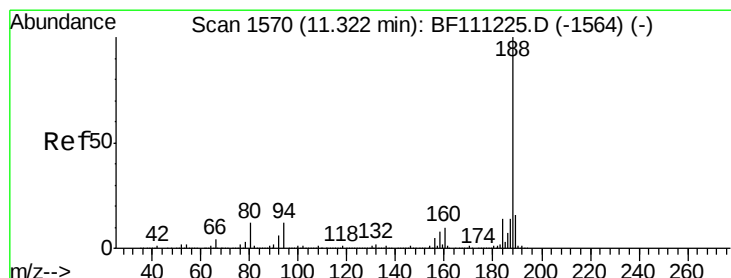
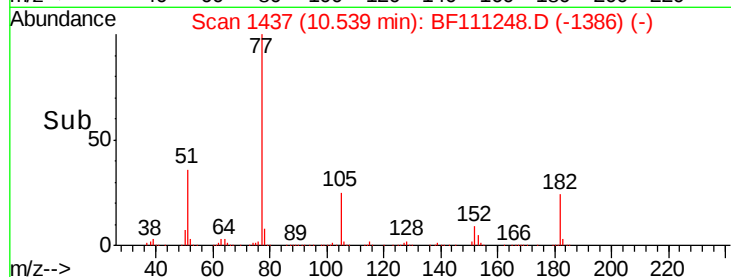
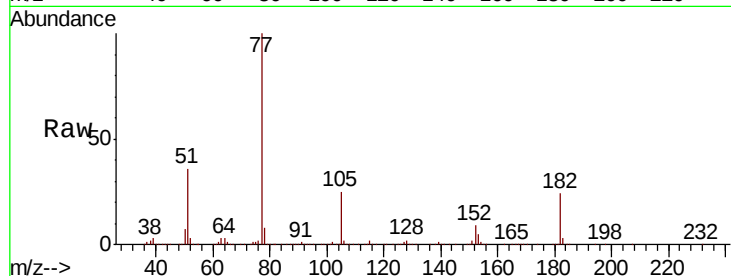
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.9	44.9
105	25.4	6.0	46.0
51	35.7	14.7	54.7

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF111248.D

Acq: 10 Dec 2018 18:02

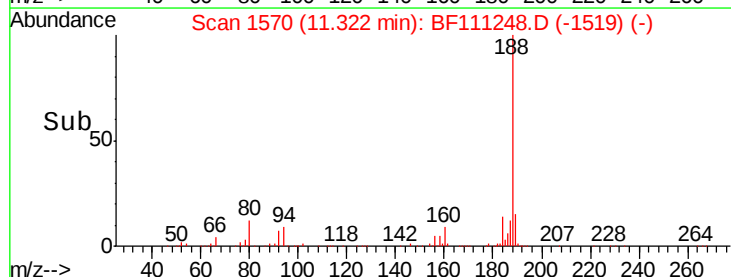
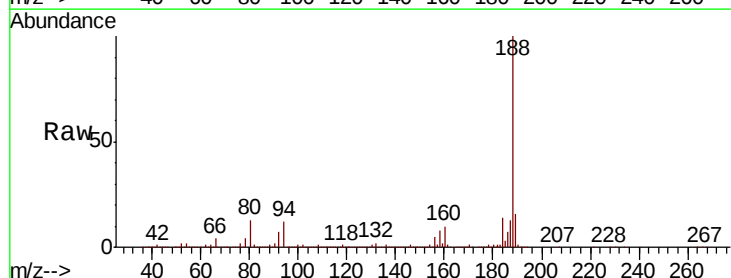
Tgt Ion: 188 Resp: 1874352

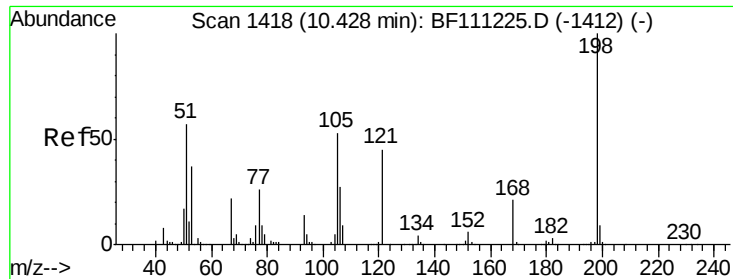
Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.6	14.4
80	12.6	9.8	14.6

Abundance Ion 188.00 (187.70 to 188.70): E

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: 35.635 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

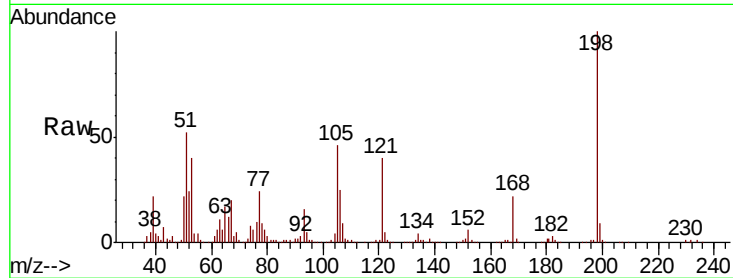
Tgt Ion:198 Resp: 392536

Ion Ratio Lower Upper

198 100

51 52.0 48.0 88.0

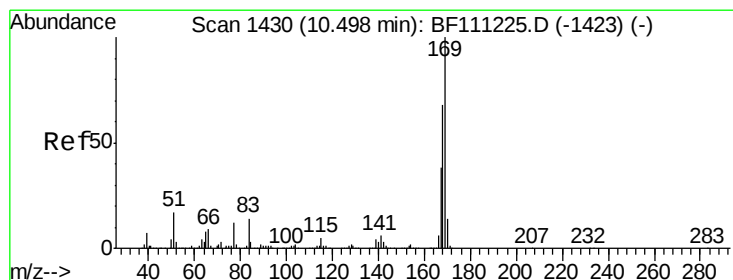
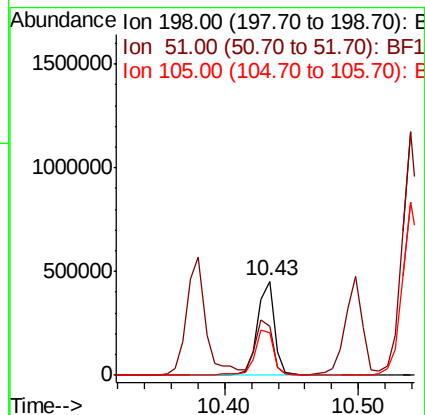
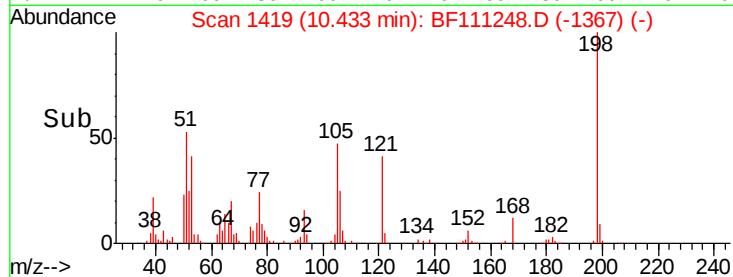
105 45.8 34.0 74.0



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: 39.698 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

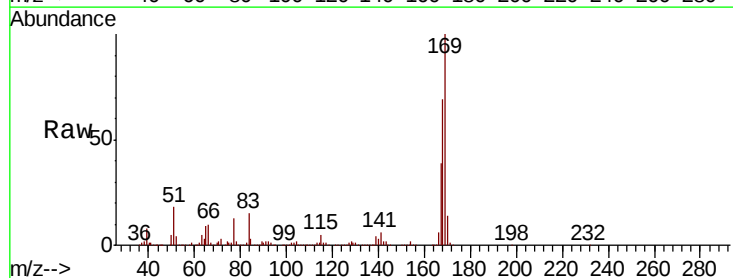
Tgt Ion:169 Resp: 2532915

Ion Ratio Lower Upper

169 100

168 68.8 54.4 81.6

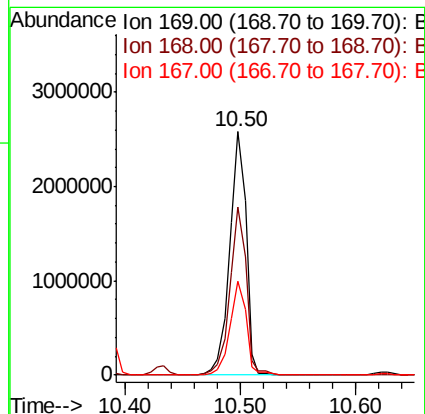
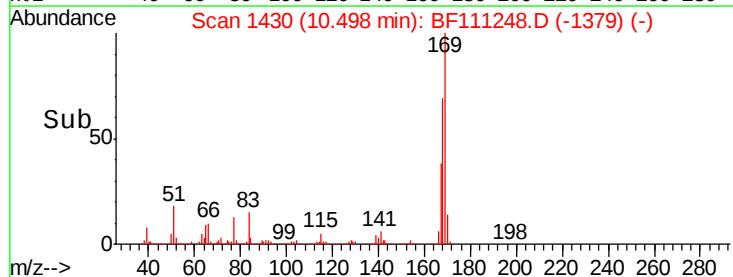
167 38.5 30.5 45.7

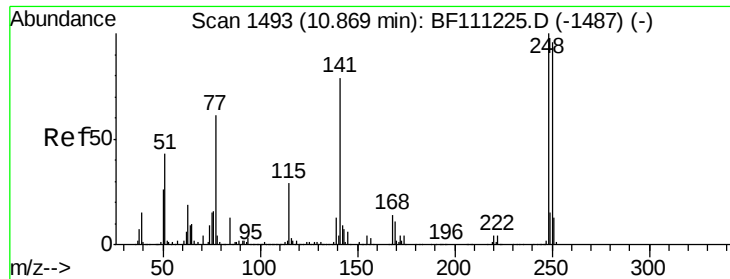


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

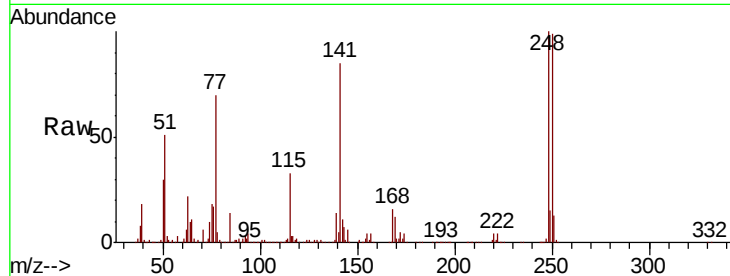




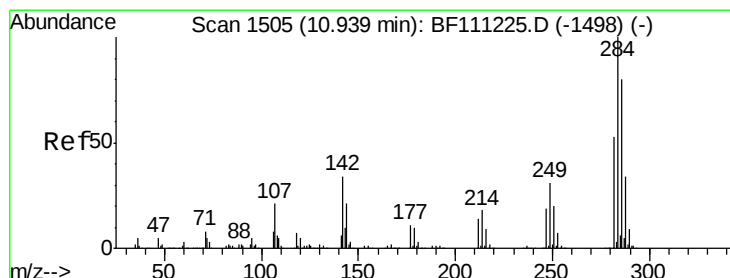
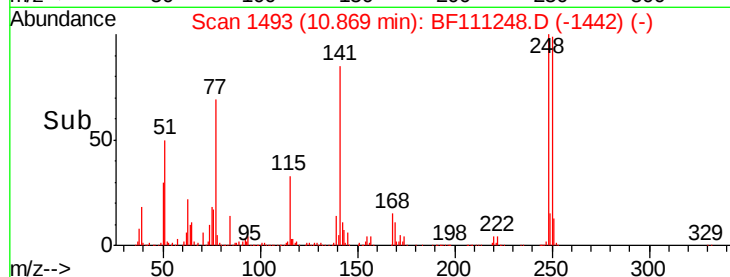
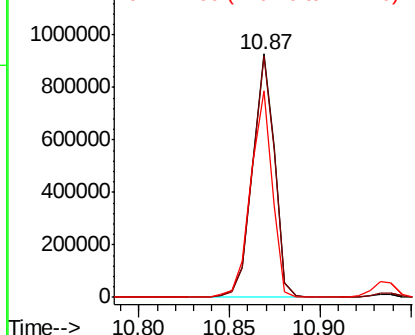
#67
4-Bromophenyl-phenylether
Concen: 37.974 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:248 Resp: 779586
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.4
141 84.9 63.0 94.6

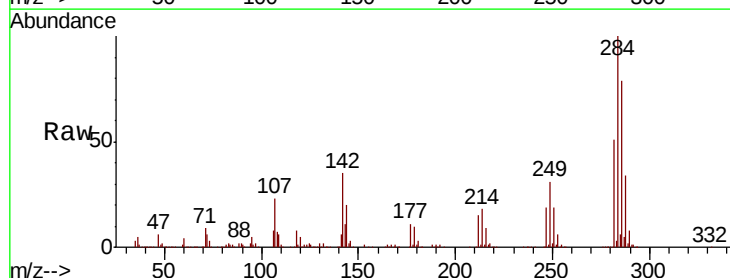


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

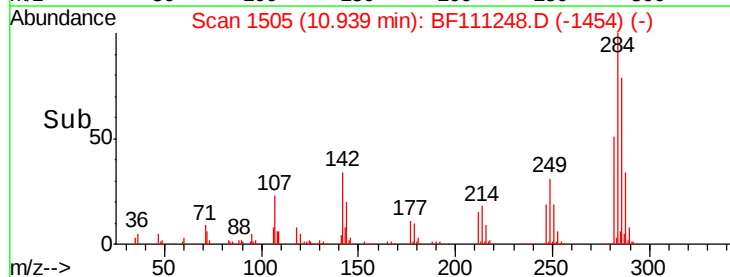
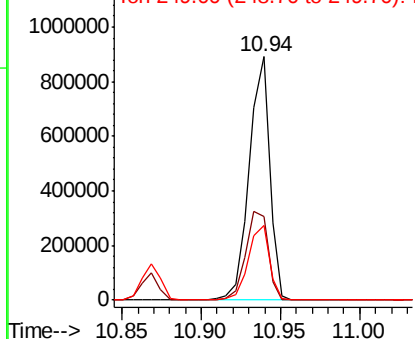


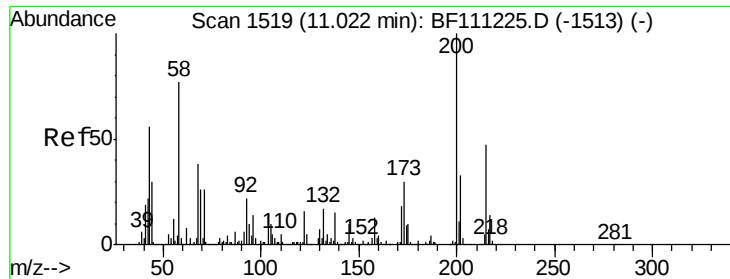
#68
Hexachlorobenzene
Concen: 38.333 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:284 Resp: 800542
Ion Ratio Lower Upper
284 100
142 34.6 27.4 41.2
249 30.9 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: 40.484 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

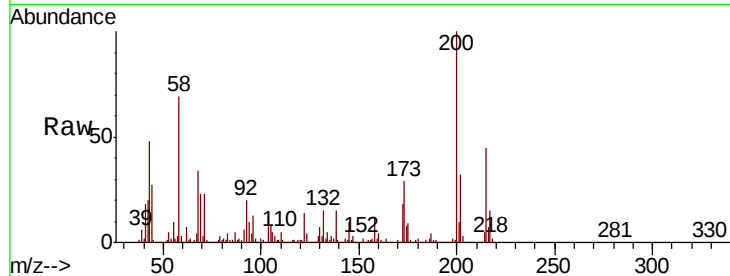
Tgt Ion:200 Resp: 785485

Ion Ratio Lower Upper

200 100

173 28.9 10.1 50.1

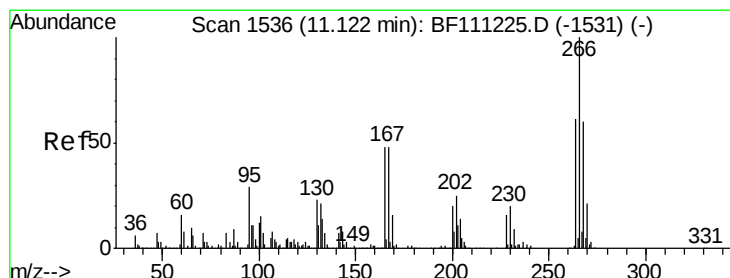
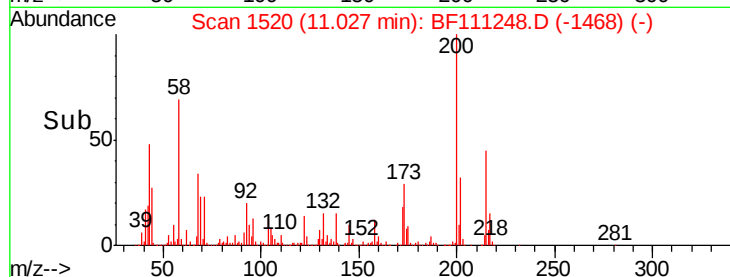
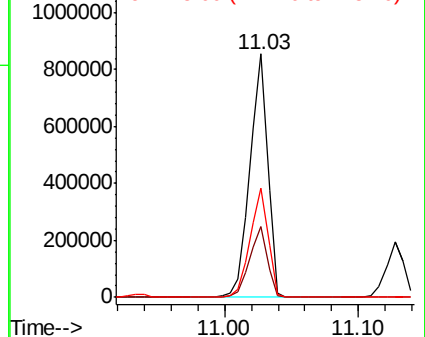
215 45.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.417 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

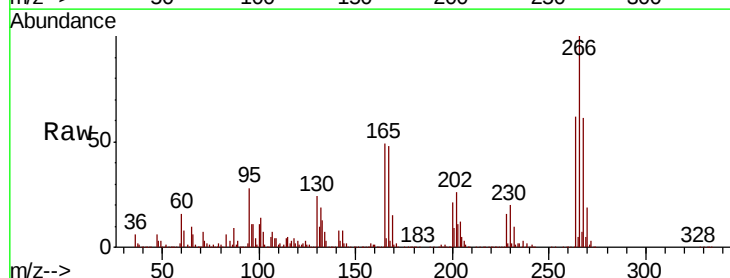
Tgt Ion:266 Resp: 945617

Ion Ratio Lower Upper

266 100

268 61.0 47.9 71.9

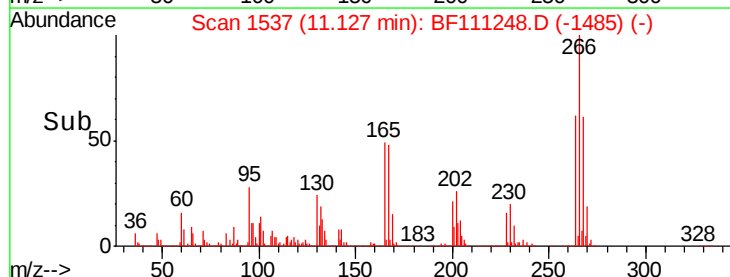
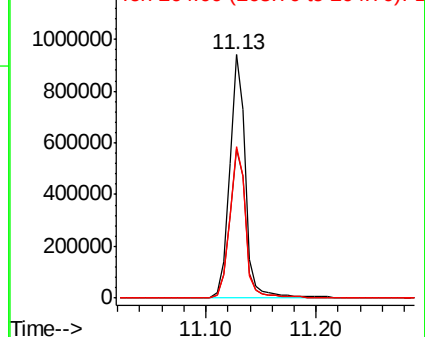
264 62.0 49.1 73.7

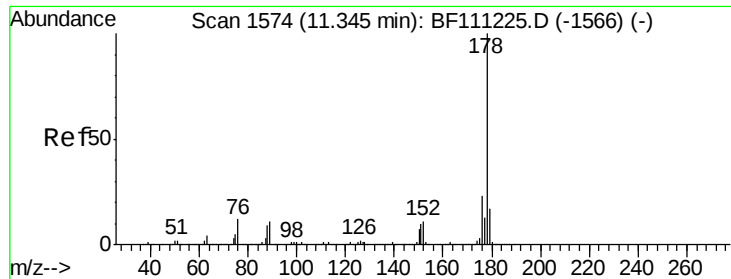


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

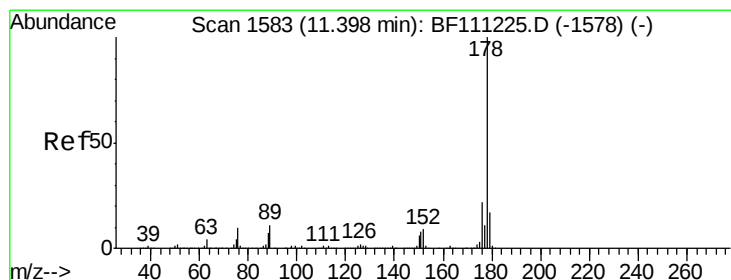
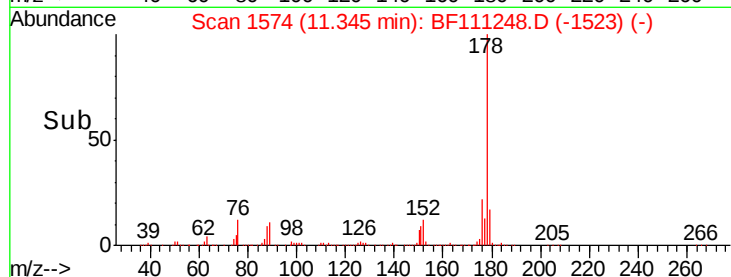
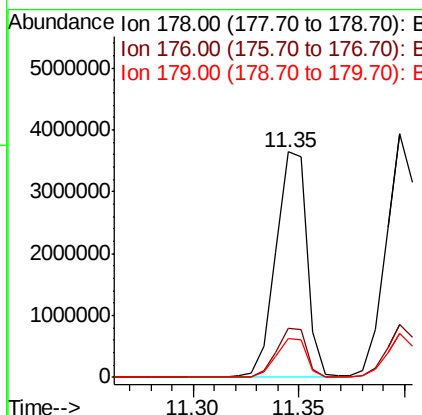
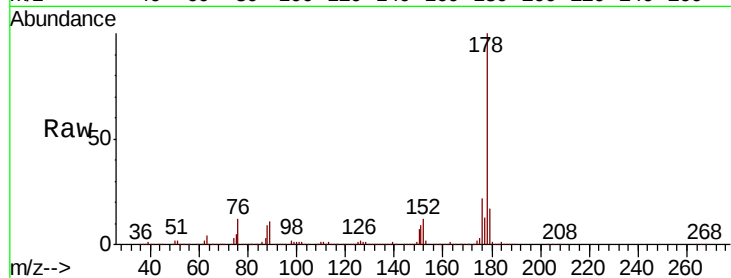




#71
Phenanthrene
Concen: 39.712 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

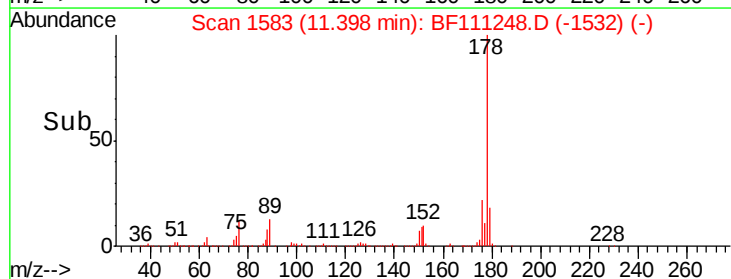
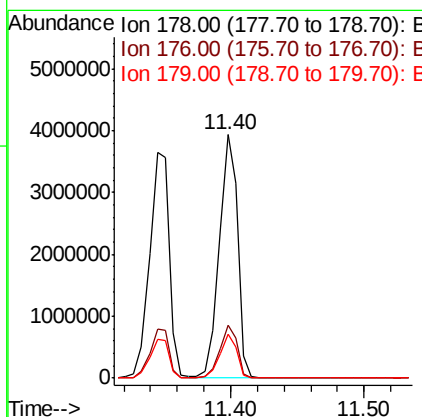
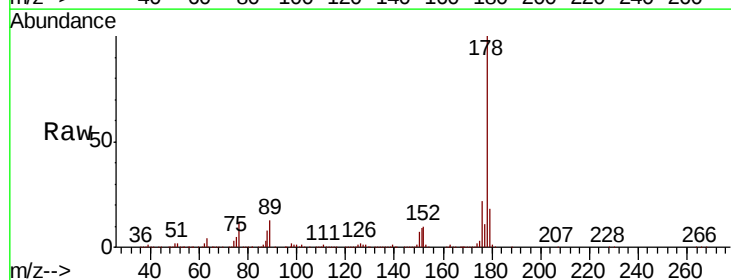
Instrument :
BNA_F
ClientSampleId :
PB115276BS

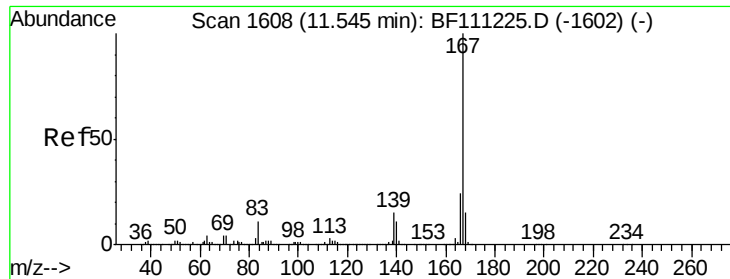
Tgt Ion:178 Resp: 3754354
Ion Ratio Lower Upper
178 100
176 21.8 18.1 27.1
179 17.0 14.0 21.0



#72
Anthracene
Concen: 38.887 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:178 Resp: 3846277
Ion Ratio Lower Upper
178 100
176 21.9 17.2 25.8
179 18.2 13.8 20.8

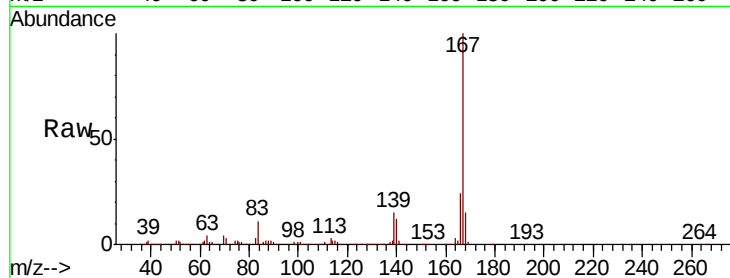




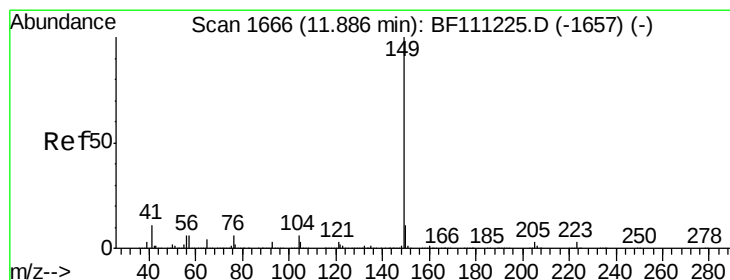
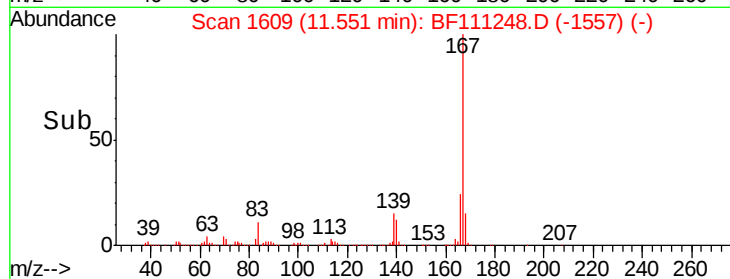
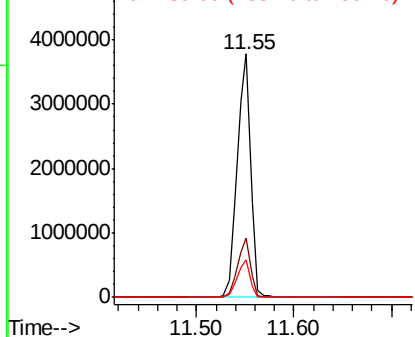
#73
 Carbazole
 Concen: 35.014 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

Tgt Ion:167 Resp: 3621236
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.3 28.9
 139 15.2 11.9 17.9

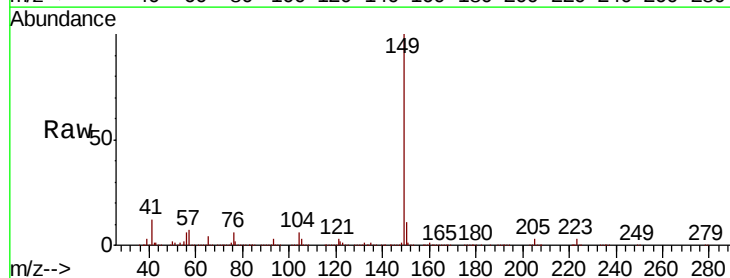


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

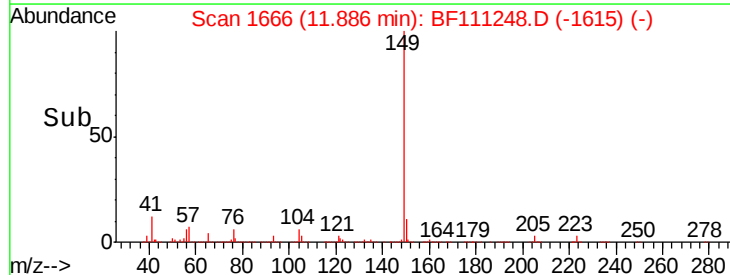
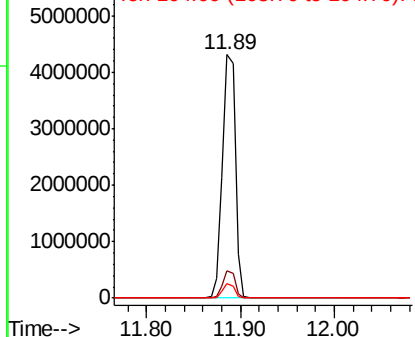


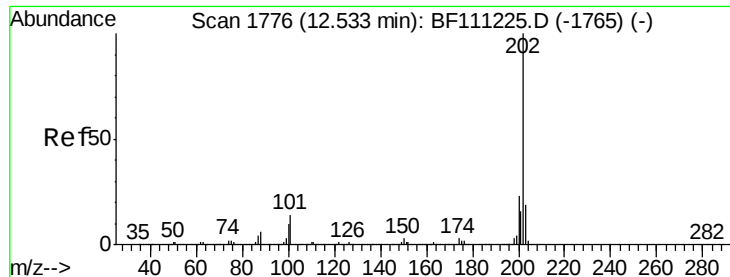
#74
 Di-n-butylphthalate
 Concen: 39.352 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:149 Resp: 4183202
 Ion Ratio Lower Upper
 149 100
 150 11.4 8.8 13.2
 104 5.8 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.626 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

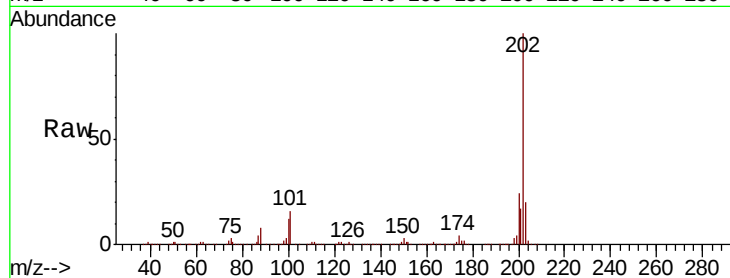
Tgt Ion:202 Resp: 3681267

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.8

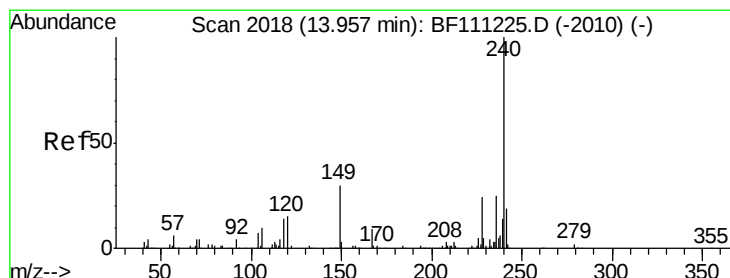
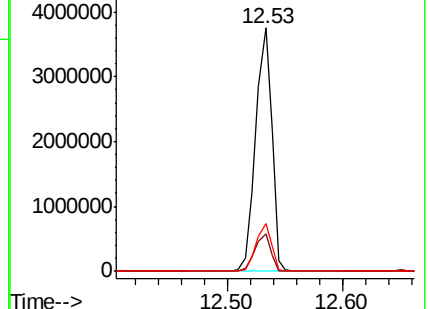
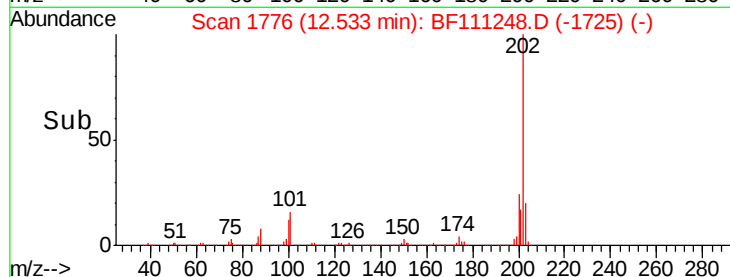
203 19.9 0.0 38.6



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: BF111248.D

Acq: 10 Dec 2018 18:02

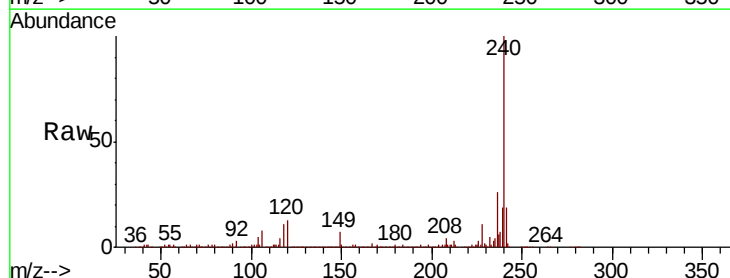
Tgt Ion:240 Resp: 1220814

Ion Ratio Lower Upper

240 100

120 12.6 12.2 18.2

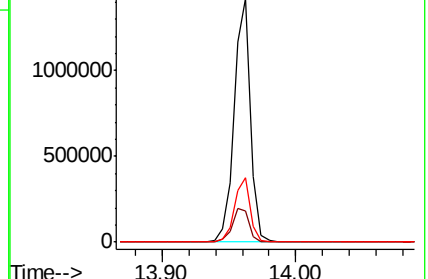
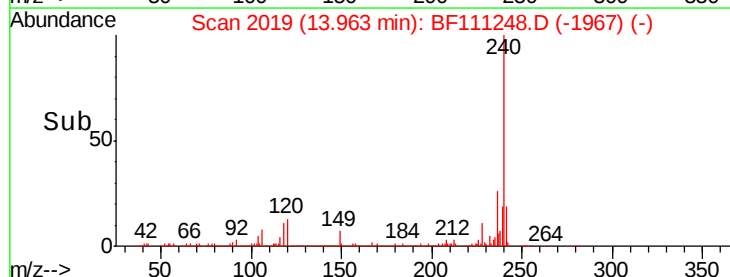
236 26.2 20.2 30.2

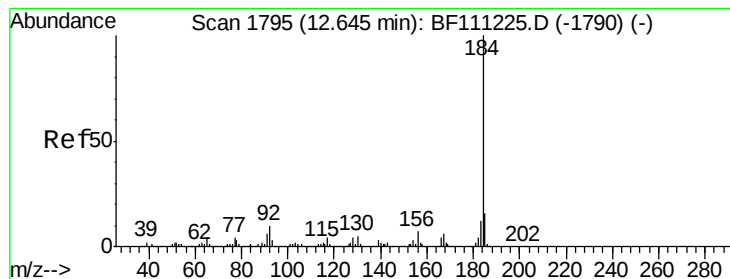


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.079 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

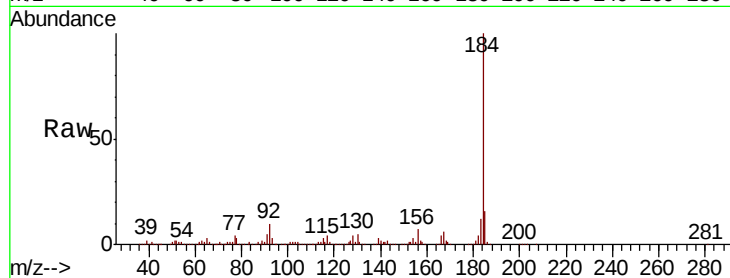
Tgt Ion:184 Resp: 1924048

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

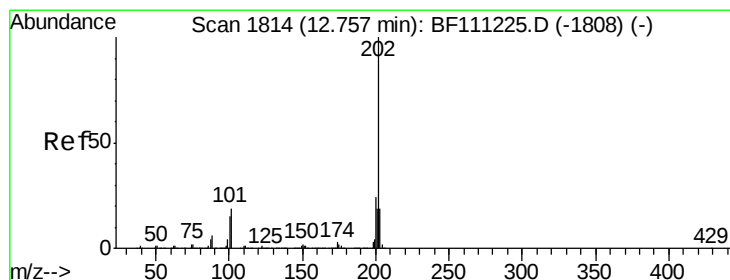
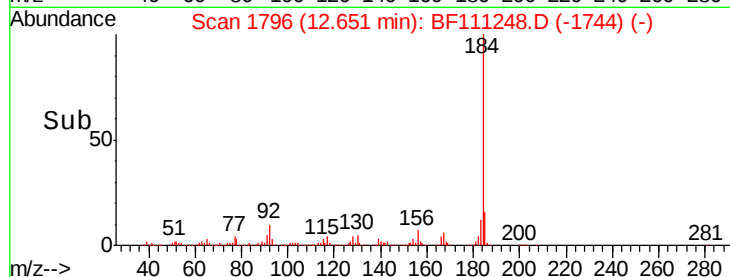
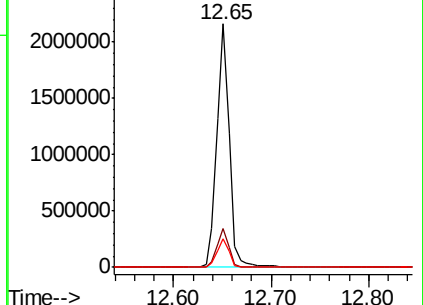
183 11.6 9.3 13.9



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: 42.813 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

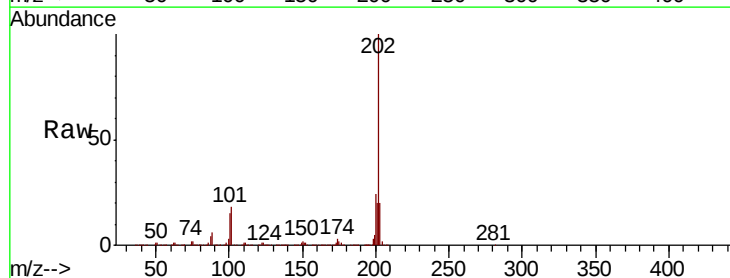
Tgt Ion:202 Resp: 3735014

Ion Ratio Lower Upper

202 100

200 24.3 19.0 28.4

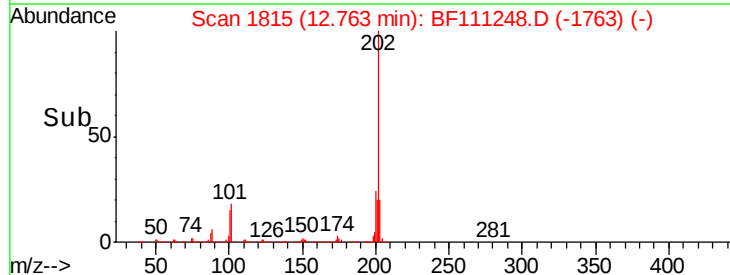
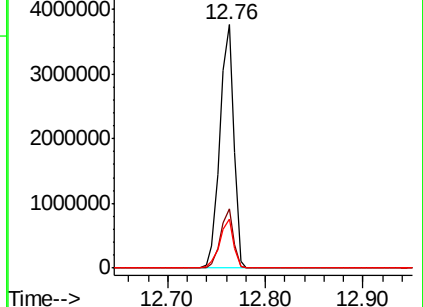
203 20.0 15.2 22.8

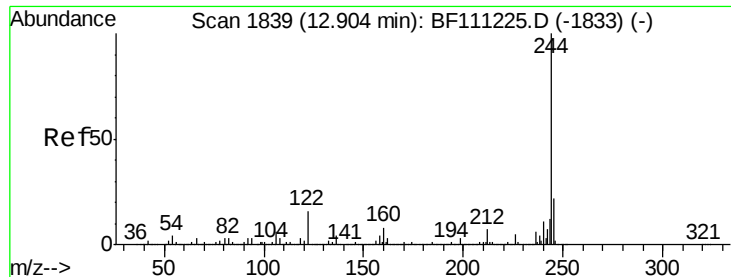


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

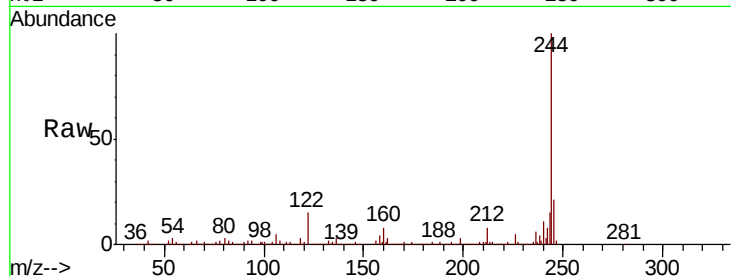




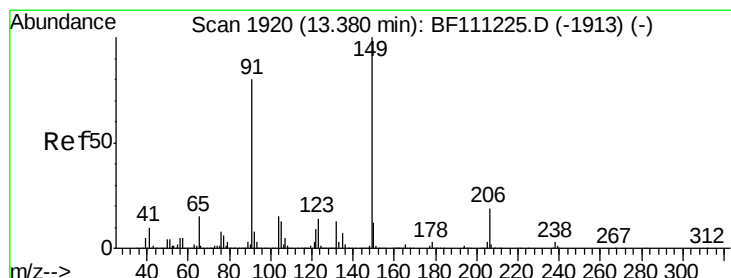
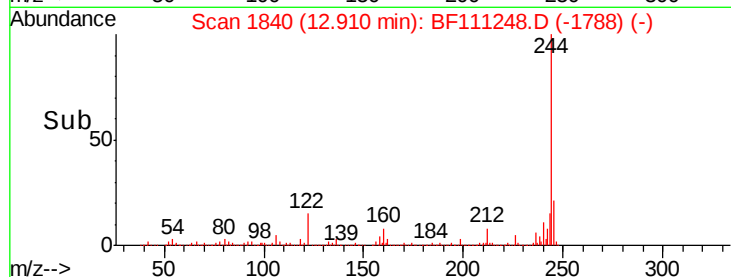
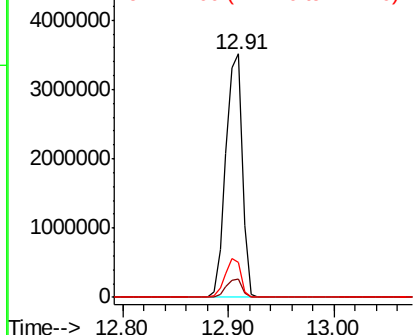
#79
 Terphenyl-d14
 Concen: 74.962 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BS

Tgt Ion:244 Resp: 3815285
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 14.6 13.1 19.7

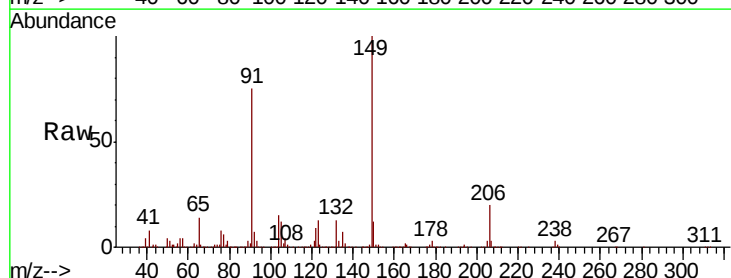


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

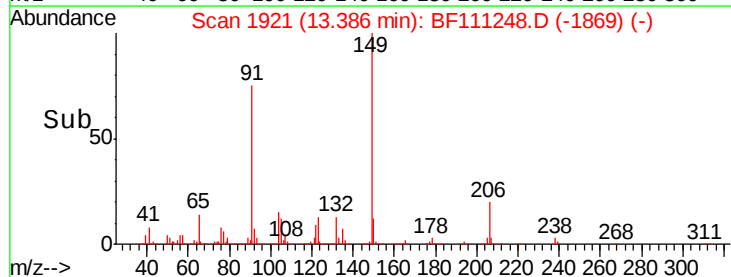
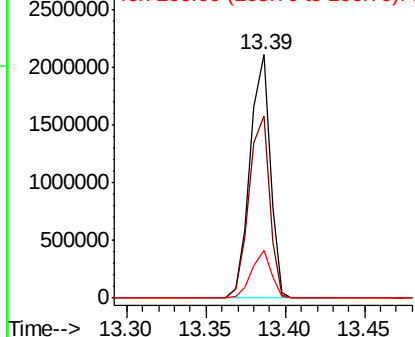


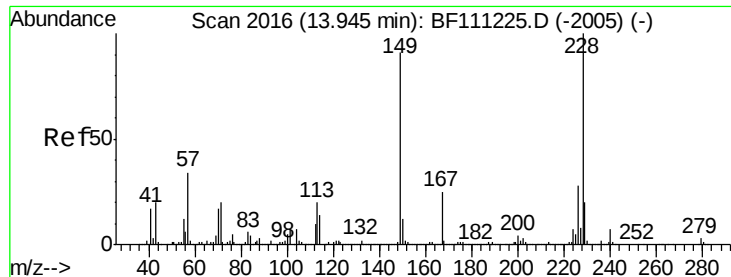
#80
 Butylbenzylphthalate
 Concen: 40.868 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111248.D
 Acq: 10 Dec 2018 18:02

Tgt Ion:149 Resp: 1862247
 Ion Ratio Lower Upper
 149 100
 91 74.9 63.8 95.6
 206 19.6 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

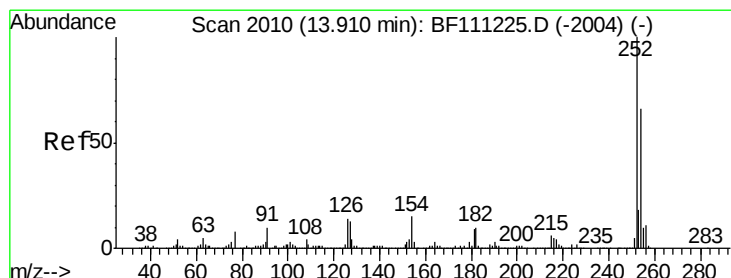
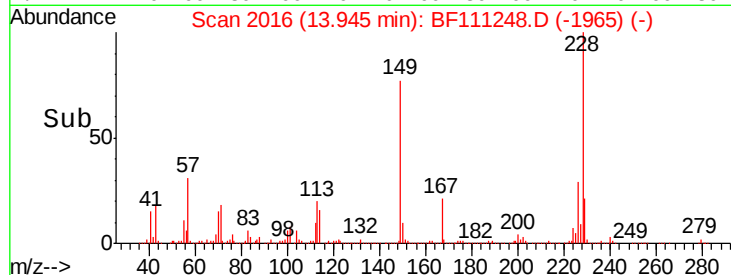
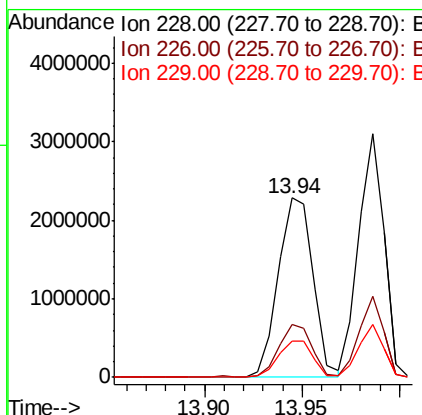
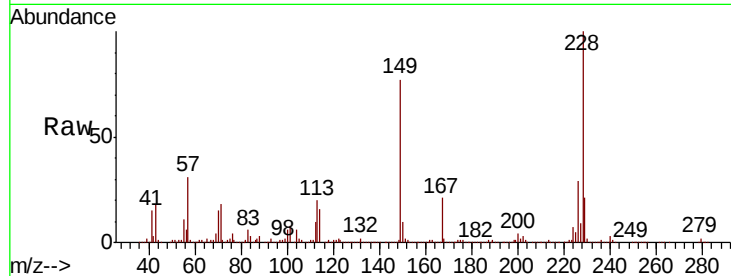




#81
Benzo(a)anthracene
Concen: 41.456 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

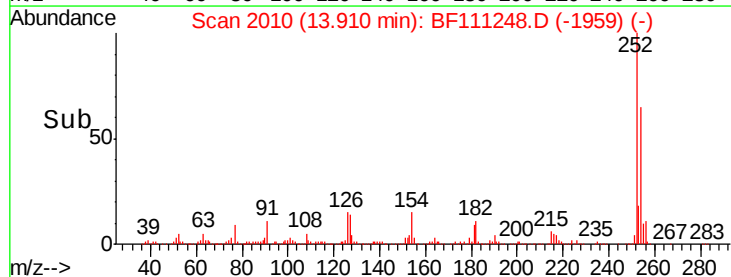
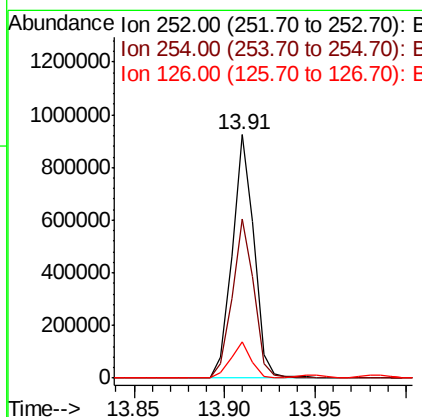
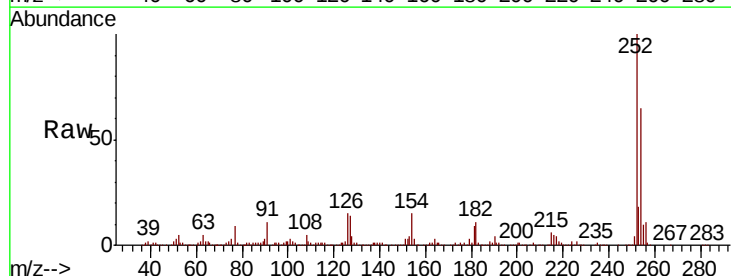
Instrument :
BNA_F
ClientSampleId :
PB115276BS

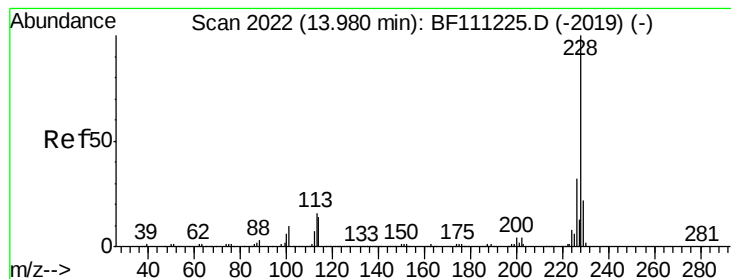
Tgt Ion:228 Resp: 2823489
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.777 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:252 Resp: 775411
Ion Ratio Lower Upper
252 100
254 65.3 52.7 79.1
126 14.6 11.1 16.7





#83

Chrysene

Concen: 40.079 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

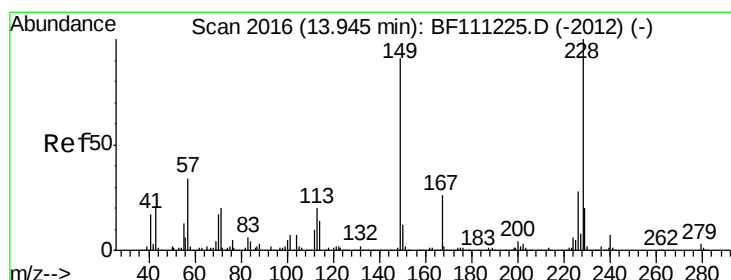
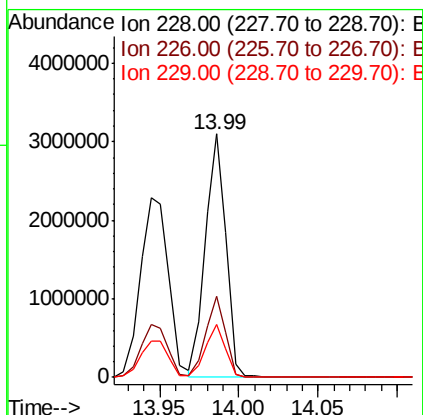
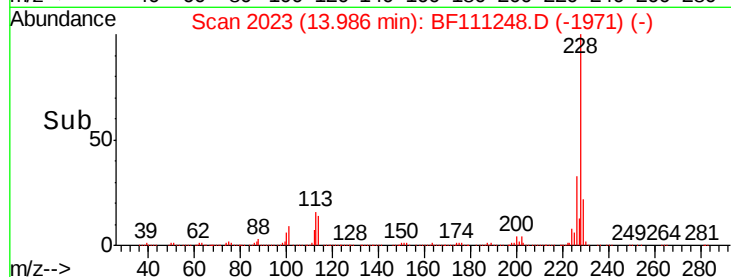
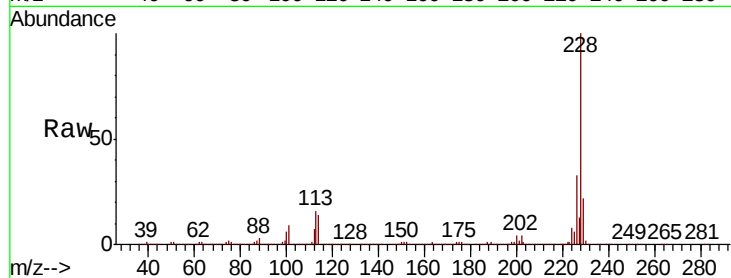
Tgt Ion:228 Resp: 2814130

Ion Ratio Lower Upper

228 100

226 33.2 25.3 37.9

229 21.9 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.167 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

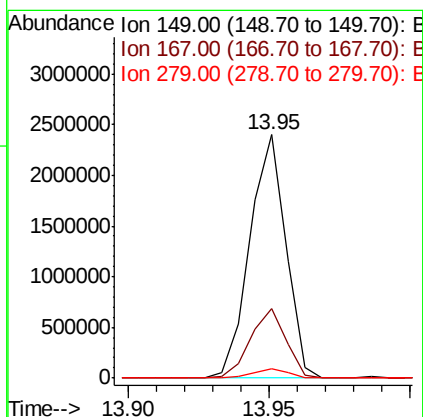
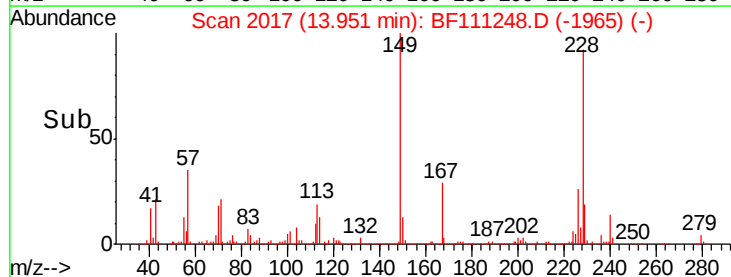
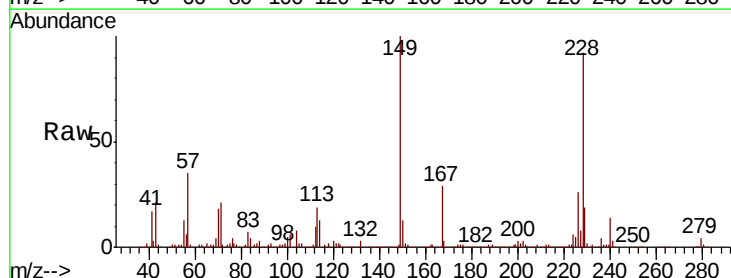
Tgt Ion:149 Resp: 2120731

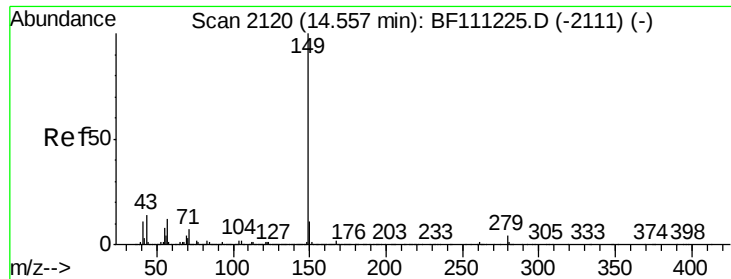
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 3.7 2.6 4.0

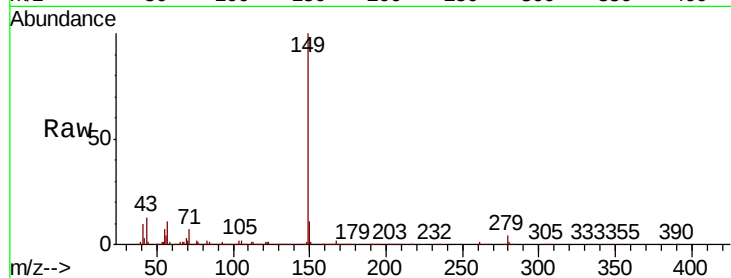




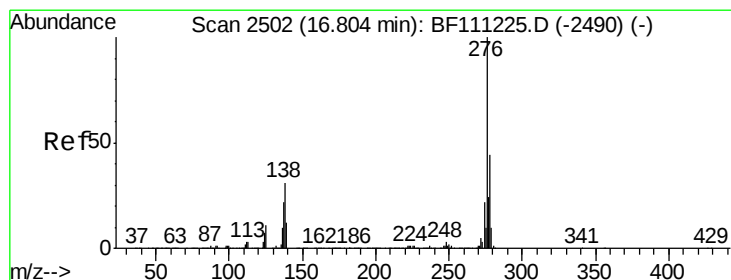
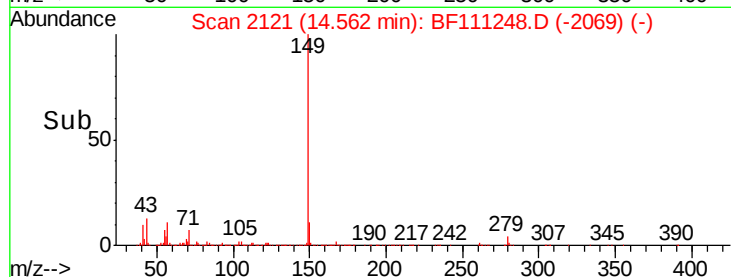
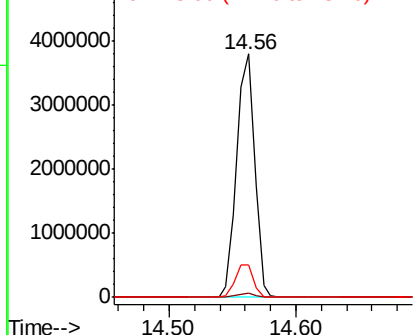
#85
Di-n-octyl phthalate
Concen: 40.917 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:149 Resp: 3713441
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 10.9 16.3

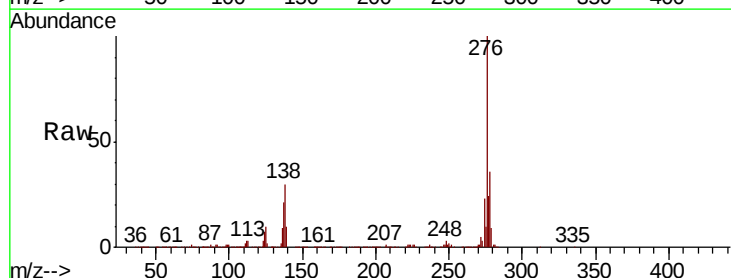


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

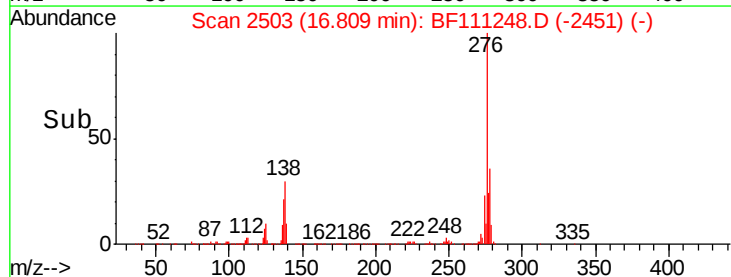
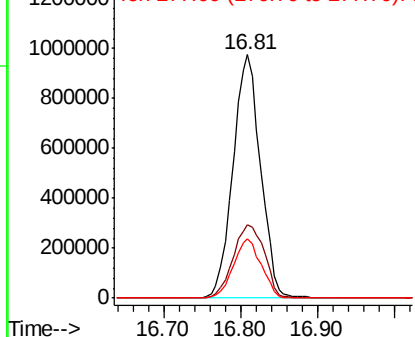


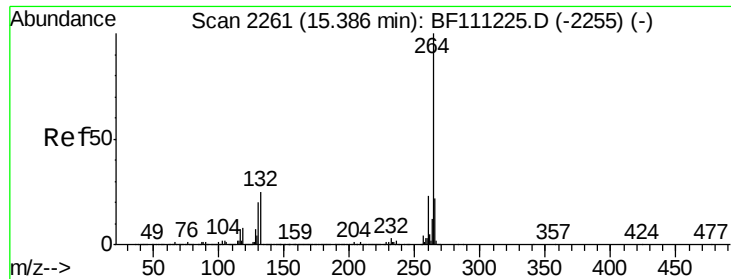
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.057 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:276 Resp: 2440437
Ion Ratio Lower Upper
276 100
138 34.0 27.8 41.6
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



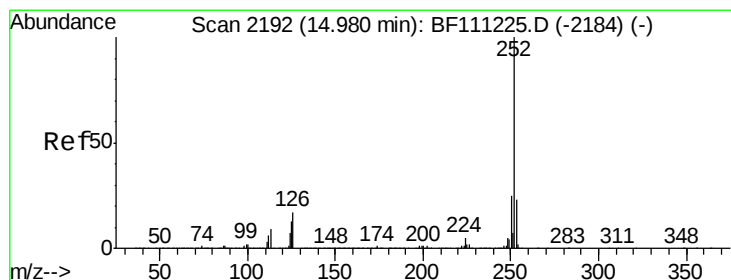
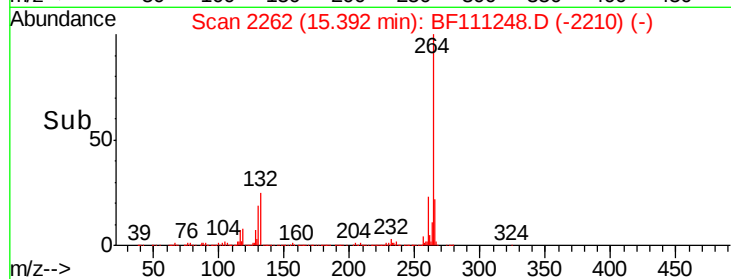
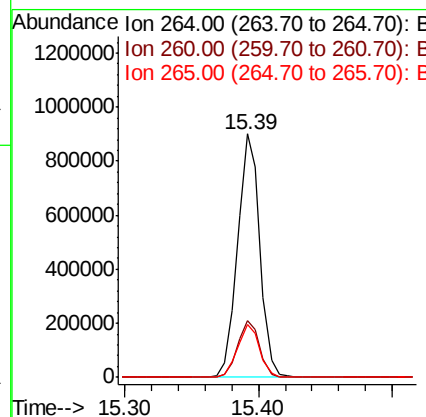
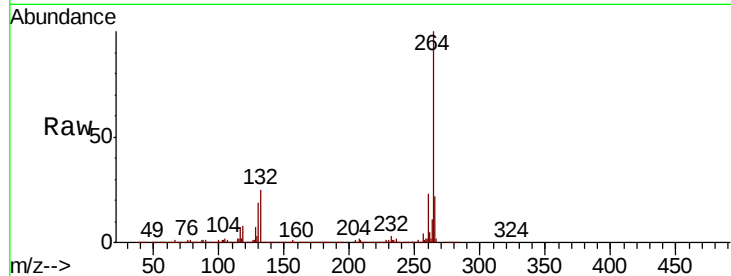


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:264 Resp: 1049937

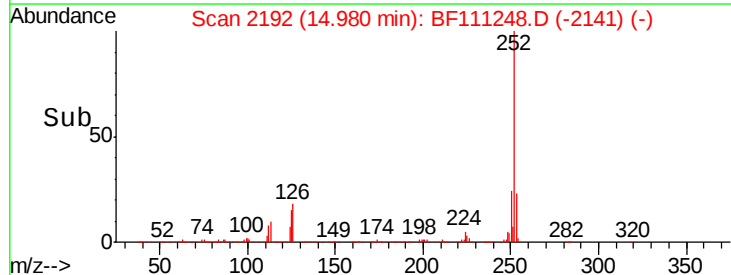
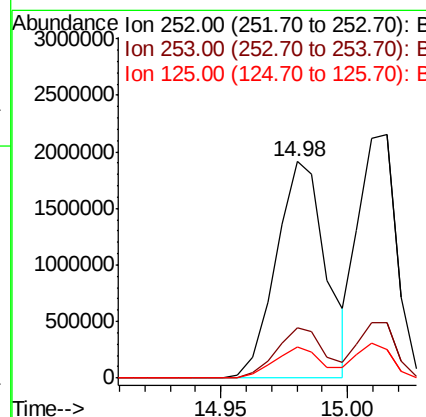
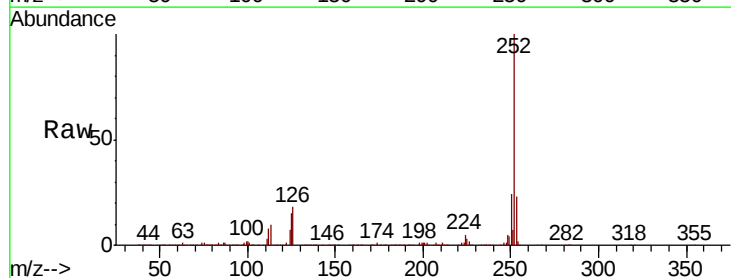
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.6	17.7	26.5

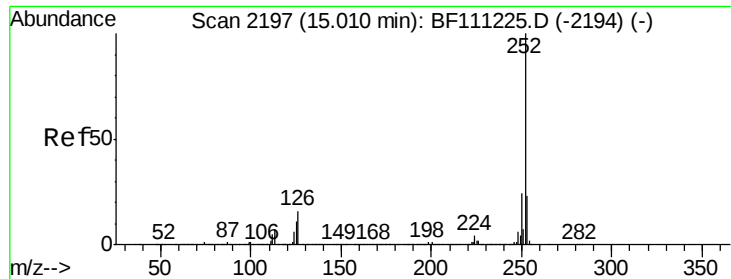


#88
Benzo(b)fluoranthene
Concen: 45.312 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:252 Resp: 2630988

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	14.7	10.4	15.6

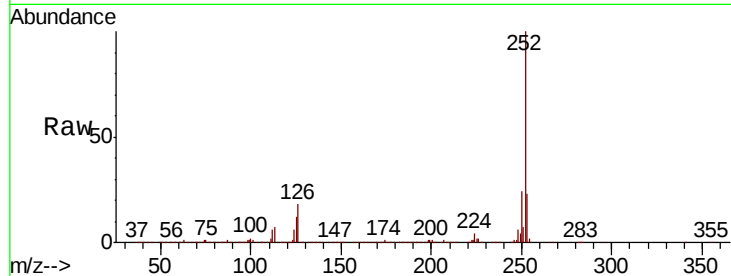




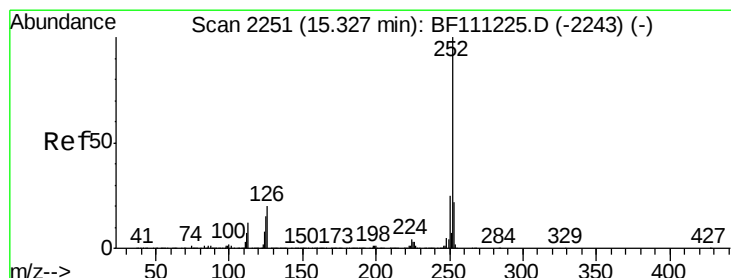
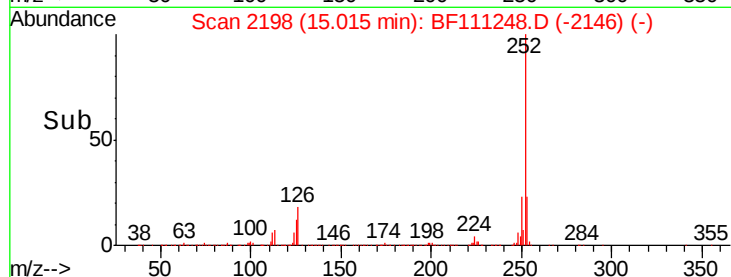
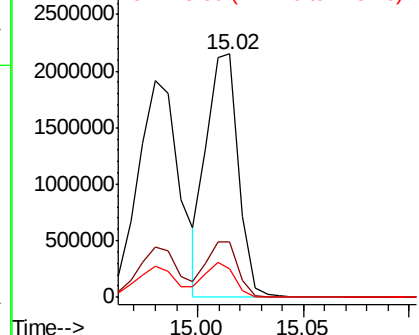
#89
Benzo(k)fluoranthene
Concen: 41.496 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Instrument :
BNA_F
ClientSampleId :
PB115276BS

Tgt Ion:252 Resp: 2265295
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.8 9.8 14.8

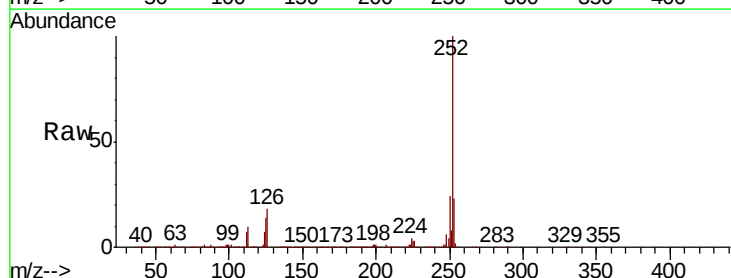


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

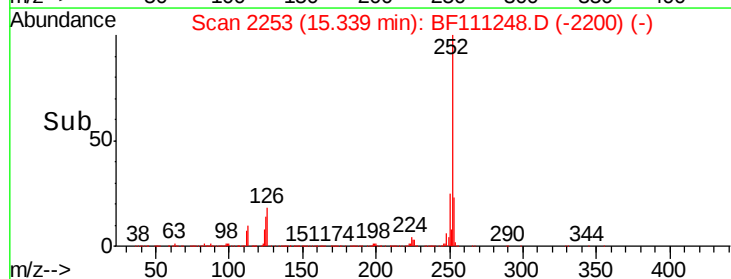
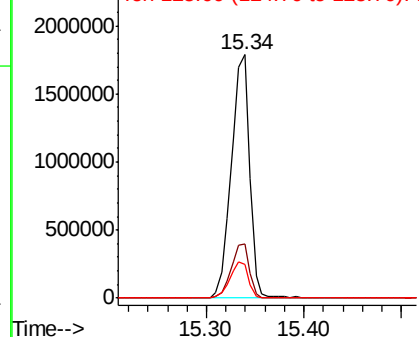


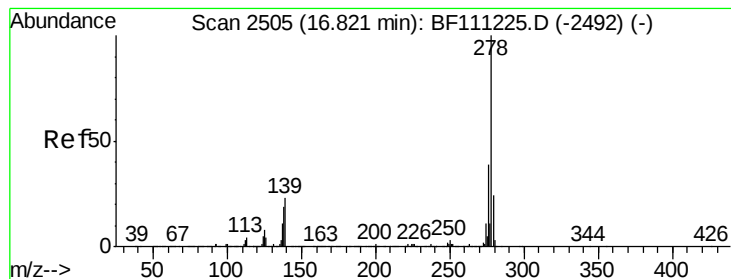
#90
Benzo(a)pyrene
Concen: 43.783 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111248.D
Acq: 10 Dec 2018 18:02

Tgt Ion:252 Resp: 2341037
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 13.6 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: 48.185 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA_F

ClientSampleId :

PB115276BS

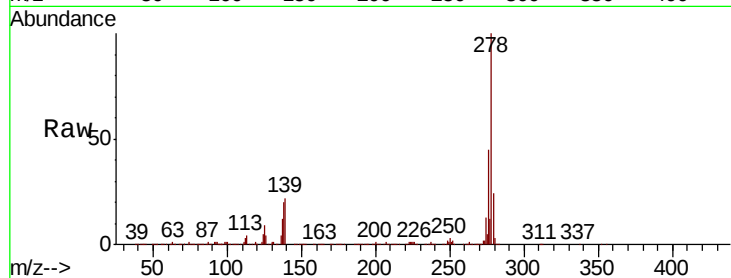
Tgt Ion:278 Resp: 2023625

Ion Ratio Lower Upper

278 100

139 21.7 18.2 27.4

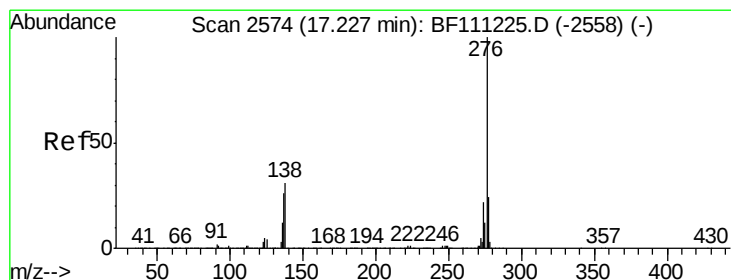
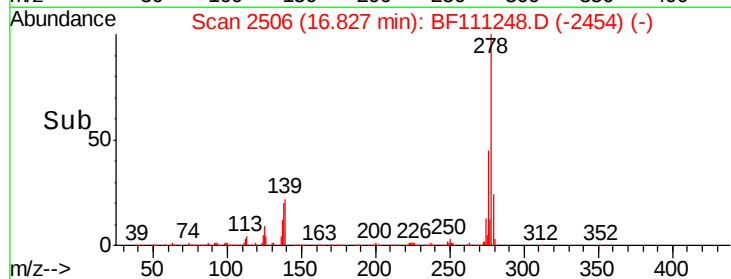
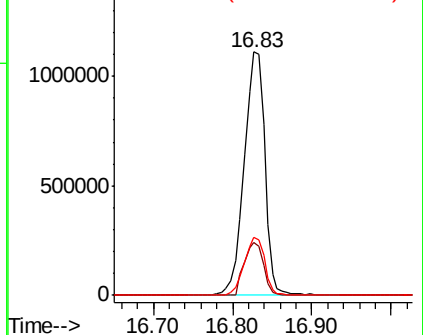
279 24.0 19.0 28.6



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: 49.468 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

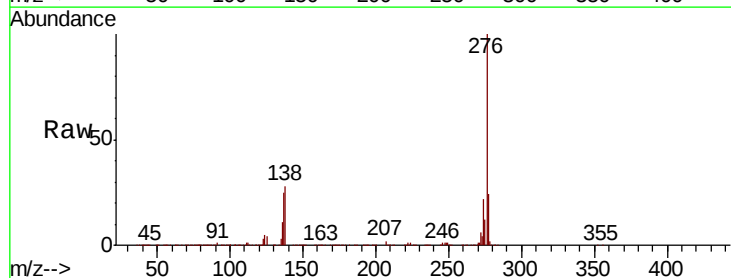
Tgt Ion:276 Resp: 2079672

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 28.5 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

