

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111250.D
 Acq On : 10 Dec 2018 18:57
 Operator : JU/SJ
 Sample : PB115431BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Quant Time: Dec 11 03:58:18 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	504542	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2076376	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	972228	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1637976	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1020077	20.00	ng	0.00
87) Perylene-d12	15.39	264	765166	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3773525	118.10	ng	0.02
7) Phenol-d6	6.44	99	4783867	120.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	2550375	68.89	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1015566	117.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4148297	70.35	ng	0.00
79) Terphenyl-d14	12.91	244	3631709	85.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	602849	36.772	ng	98
3) Pyridine	3.36	79	1661810	38.156	ng	97
4) n-Nitrosodimethylamine	3.29	42	802478	43.215	ng	96
6) Aniline	6.46	93	1788307	33.778	ng	98
8) 2-Chlorophenol	6.59	128	1535446	42.277	ng	97
9) Benzaldehyde	6.35	77	600095	23.047	ng	98
10) Phenol	6.45	94	1906659	41.065	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	1476832	41.127	ng	99
12) 1,3-Dichlorobenzene	6.74	146	1569422	40.217	ng	98
13) 1,4-Dichlorobenzene	6.82	146	1588075	40.303	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1498733	40.780	ng	99
15) Benzyl Alcohol	6.94	79	1327957	42.260	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2854573	42.460	ng	99
17) 2-Methylphenol	7.06	107	1307942	44.110	ng	99
18) Hexachloroethane	7.32	117	614989	40.993	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	1094491	41.146	ng	96
20) 3+4-Methylphenols	7.20	107	1501916	42.585	ng	96
22) Acetophenone	7.21	105	2017423	42.464	ng	# 96
24) Nitrobenzene	7.38	77	1654747	42.948	ng	95
25) Isophorone	7.62	82	3060906	48.546	ng	99
26) 2-Nitrophenol	7.70	139	839859	43.873	ng	96
27) 2,4-Dimethylphenol	7.74	122	1456123	49.225	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1948563	44.628	ng	100
29) 2,4-Dichlorophenol	7.94	162	1313664	43.431	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	1268589	42.579	ng	100
31) Naphthalene	8.10	128	4280439	47.234	ng	99
32) Benzoic acid	7.86	122	1114803	45.574	ng	97
33) 4-Chloroaniline	8.15	127	1208737	27.771	ng	97
34) Hexachlorobutadiene	8.23	225	665948	40.492	ng	98
35) Caprolactam	8.52	113	250816	23.401	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	1392545	44.966	ng	95
37) 2-Methylnaphthalene	8.80	142	2927232	48.653	ng	98
38) 1-Methylnaphthalene	8.90	142	2791811	47.383	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1042470	38.535	ng	99

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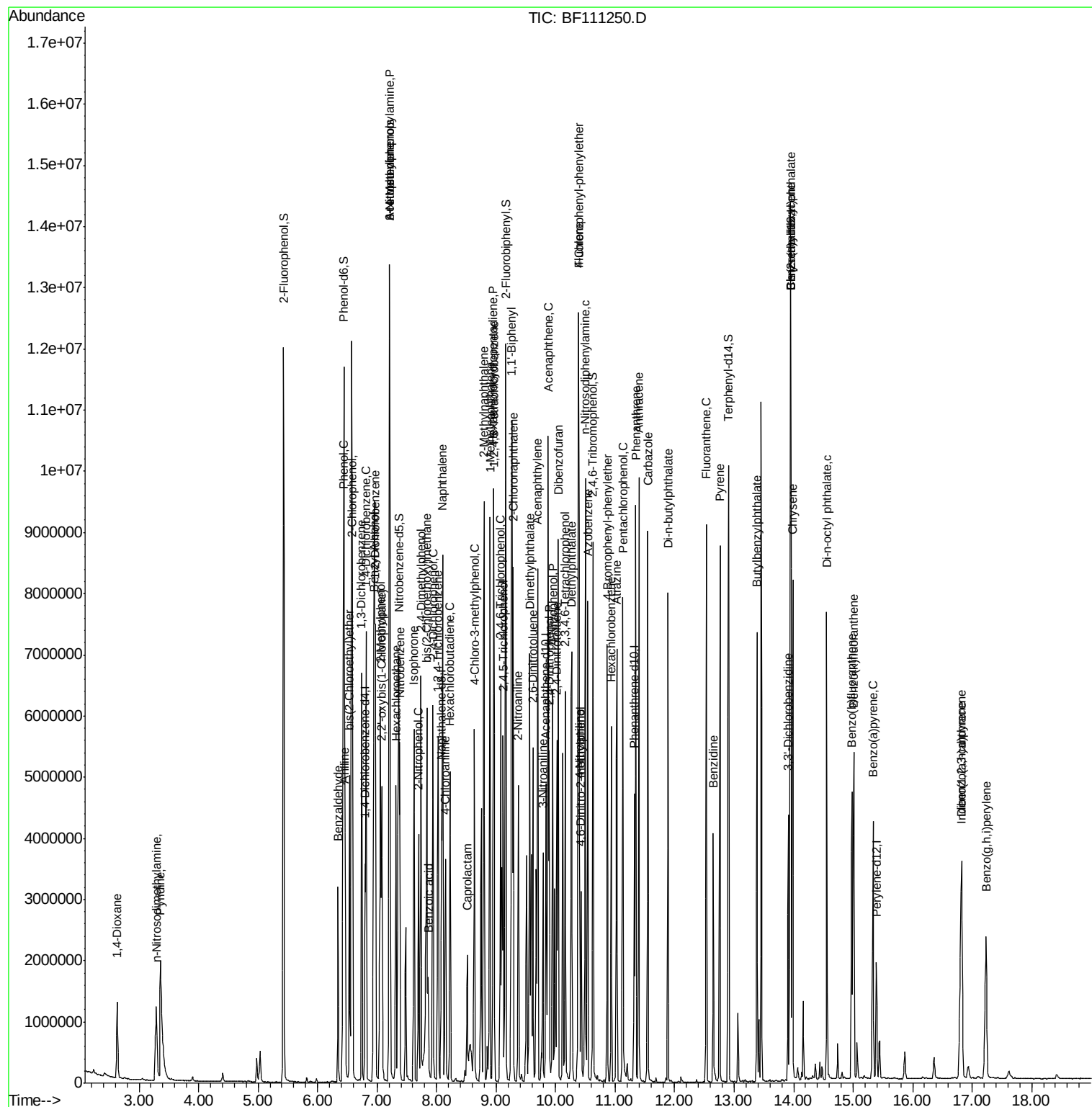
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1281689	83.192	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	859350	42.319	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	894288	42.276	ng	99
46) 1,1'-Biphenyl	9.26	154	3211069	40.849	ng	100
47) 2-Chloronaphthalene	9.29	162	2594665	40.787	ng	98
48) 2-Nitroaniline	9.37	65	923696	42.565	ng	98
49) Acenaphthylene	9.70	152	3989317	43.197	ng	99
50) Dimethylphthalate	9.56	163	2953751	41.175	ng	99
51) 2,6-Dinitrotoluene	9.62	165	700353	44.208	ng	95
52) Acenaphthene	9.87	154	2686344	46.353	ng	100
53) 3-Nitroaniline	9.79	138	569412	29.119	ng	97
54) 2,4-Dinitrophenol	9.89	184	583232	93.163	ng	94
55) Dibenzofuran	10.05	168	3473160	44.051	ng	98
56) 4-Nitrophenol	9.95	139	1256664	82.515	ng	98
57) 2,4-Dinitrotoluene	10.02	165	916269	46.916	ng	91
58) Fluorene	10.39	166	2568291	42.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	728261	45.419	ng	99
60) Diethylphthalate	10.27	149	2868881	41.948	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	1161505	38.342	ng	97
62) 4-Nitroaniline	10.40	138	771776	41.713	ng	98
63) Azobenzene	10.54	77	2974765	41.895	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	393226	40.705	ng	81
66) n-Nitrosodiphenylamine	10.50	169	2414066	43.296	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	746068	41.586	ng	95
68) Hexachlorobenzene	10.94	284	764902	41.912	ng	99
69) Atrazine	11.03	200	733380	43.253	ng	99
70) Pentachlorophenol	11.13	266	913044	68.964	ng	96
71) Phenanthrene	11.34	178	3594814	43.511	ng	100
72) Anthracene	11.40	178	3671026	42.471	ng	100
73) Carbazole	11.55	167	3463441	38.321	ng	99
74) Di-n-butylphthalate	11.89	149	4038556	43.473	ng	100
75) Fluoranthene	12.53	202	3567744	47.273	ng	97
77) Benzidine	12.65	184	1515872	50.048	ng	98
78) Pyrene	12.76	202	3548934	48.685	ng	99
80) Butylbenzylphthalate	13.39	149	1762099	46.280	ng	93
81) Benzo(a)anthracene	13.94	228	2635466	46.310	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	807363	34.613	ng	99
83) Chrysene	13.99	228	2675740	45.607	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2000900	44.226	ng	100
85) Di-n-octyl phthalate	14.56	149	3366175	44.390	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2138686	45.159	ng	98
88) Benzo(b)fluoranthene	14.98	252	2138337	50.533	ng	99
89) Benzo(k)fluoranthene	15.01	252	2101943	52.834	ng	99
90) Benzo(a)pyrene	15.33	252	2008609	51.546	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1732201	56.596	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1806995	58.978	ng	95

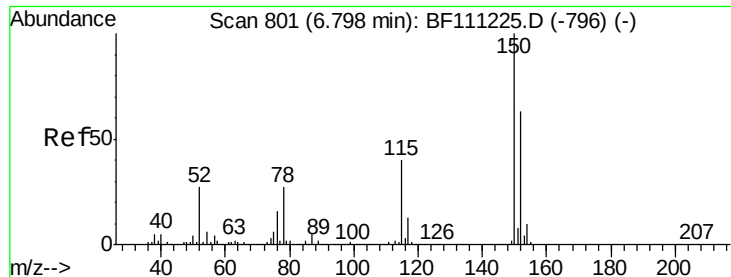
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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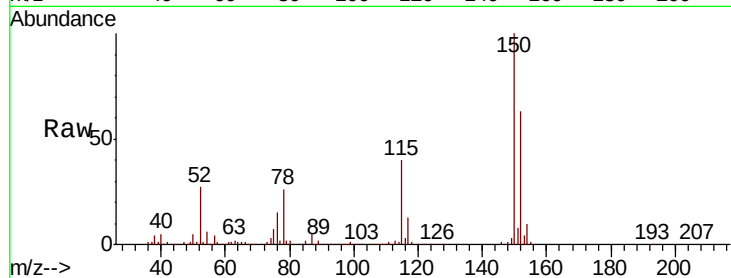


#1

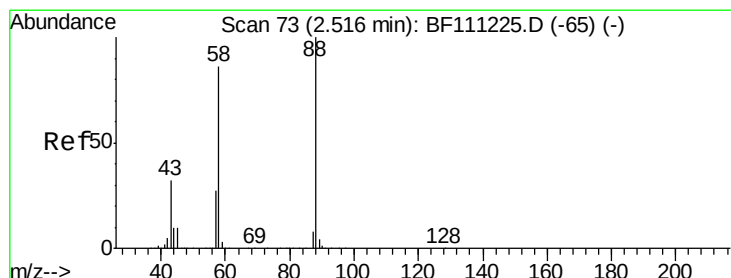
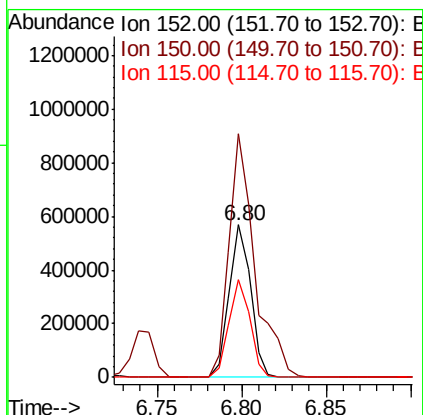
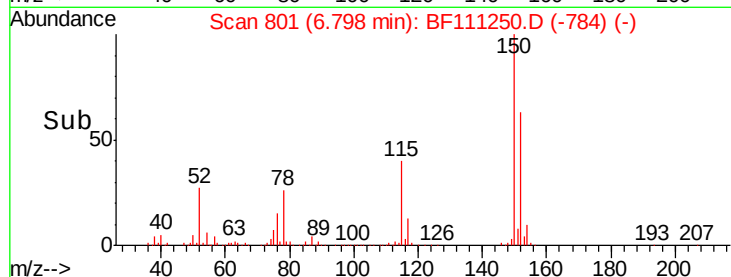
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:152 Resp: 504542
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 64.3 50.7 76.1



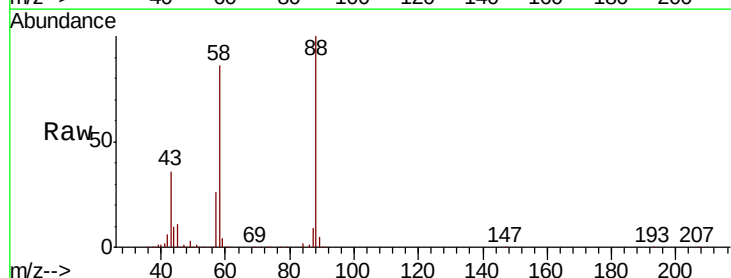
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



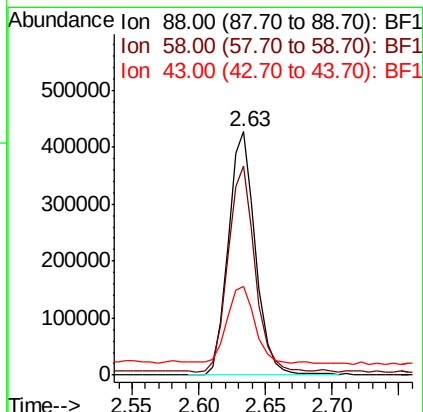
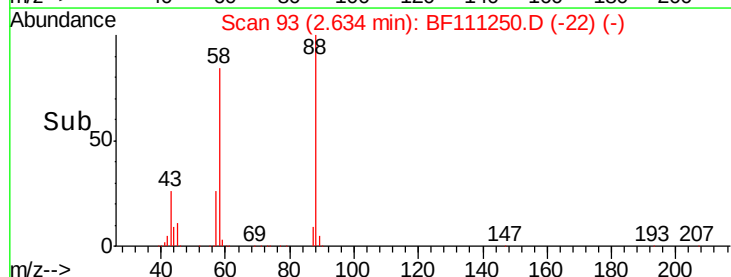
#2

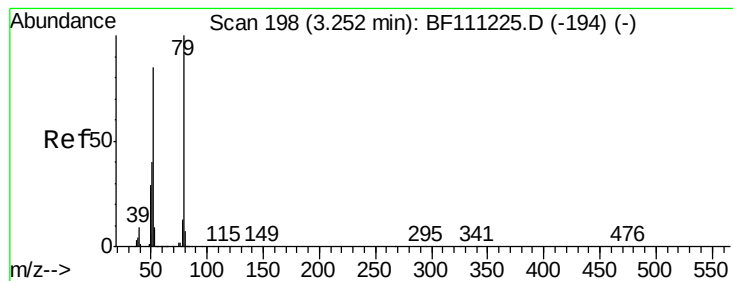
1,4-Dioxane
Concen: 36.772 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 88 Resp: 602849
Ion Ratio Lower Upper
88 100
58 84.2 68.9 103.3
43 33.3 25.8 38.6



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





#3

Pyridine

Concen: 38.156 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

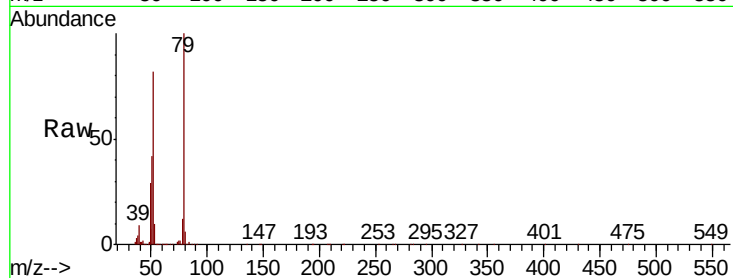
Tgt Ion: 79 Resp: 1661810

Ion Ratio Lower Upper

79 100

52 82.4 68.3 102.5

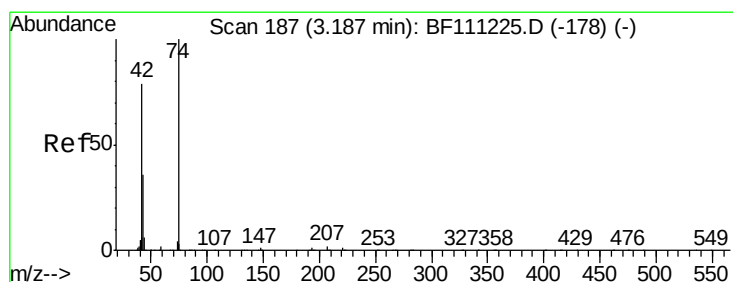
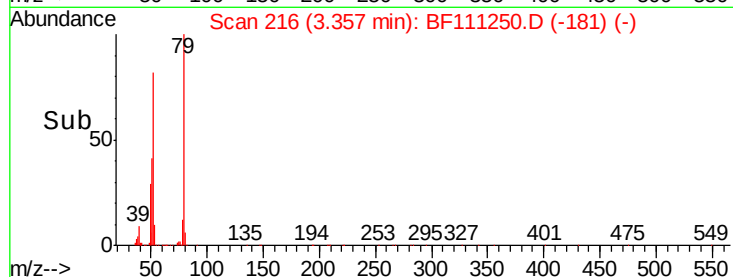
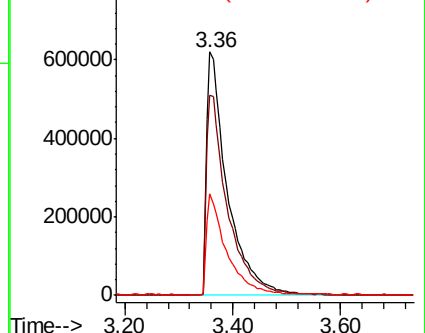
51 41.7 32.6 49.0



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: 43.215 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.11 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

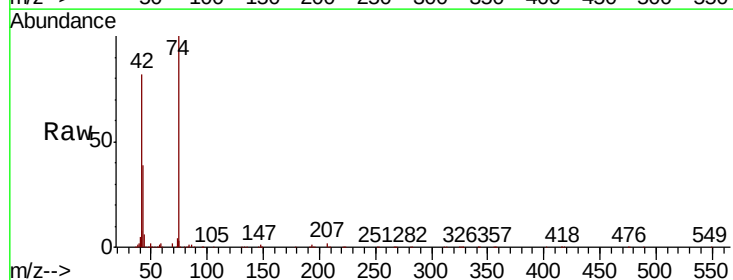
Tgt Ion: 42 Resp: 802478

Ion Ratio Lower Upper

42 100

74 122.1 101.5 152.3

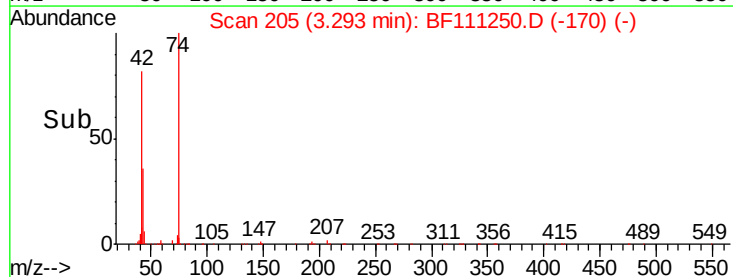
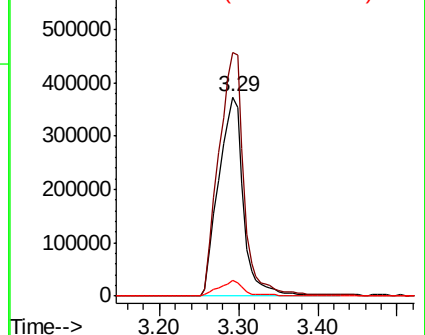
44 7.8 6.0 9.0

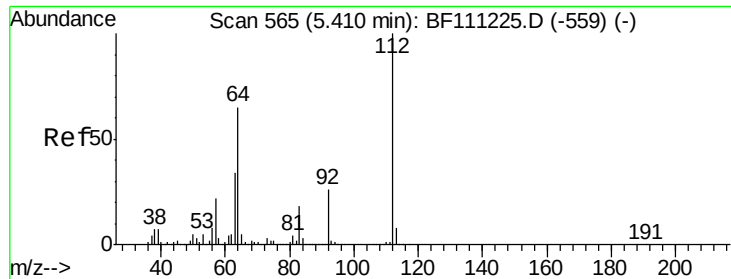


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.100 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

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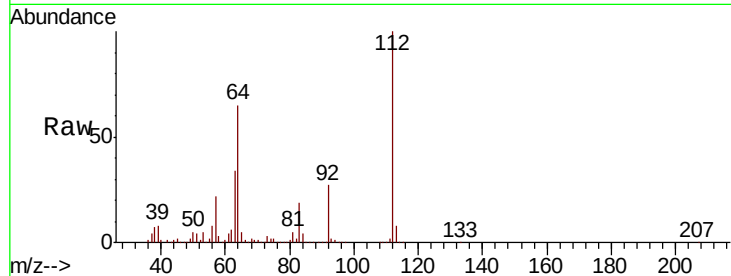
Tgt Ion:112 Resp: 3773525

Ion Ratio Lower Upper

112 100

64 65.4 51.8 77.6

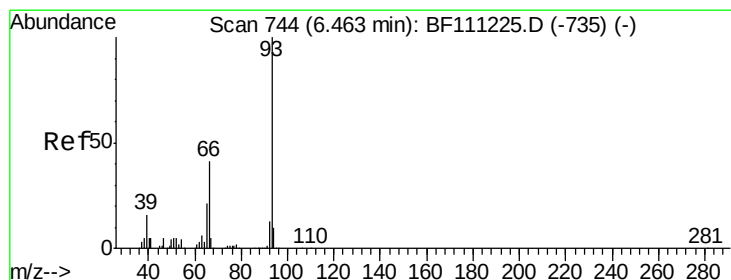
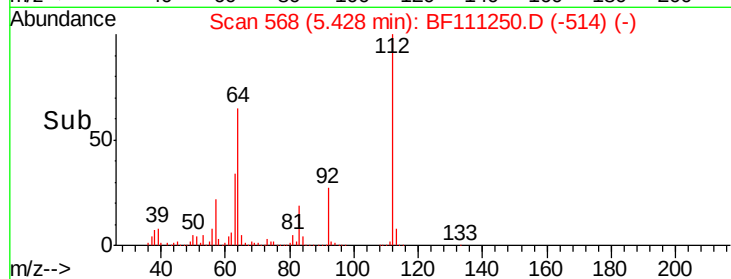
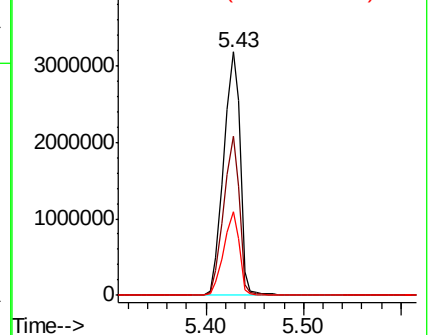
63 34.5 26.8 40.2



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: 33.778 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

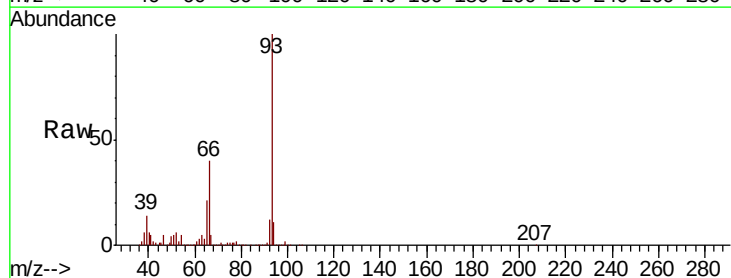
Tgt Ion: 93 Resp: 1788307

Ion Ratio Lower Upper

93 100

66 39.8 33.2 49.8

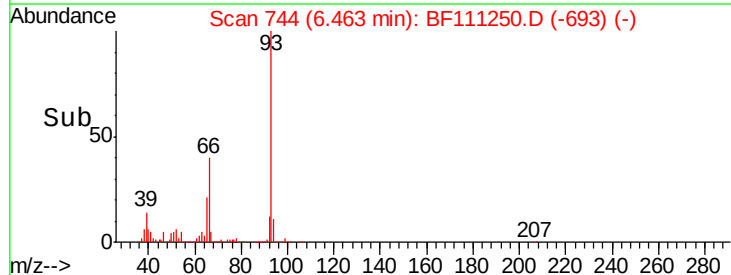
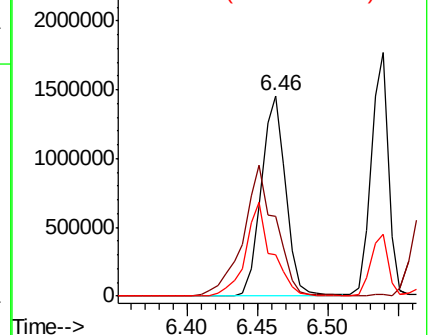
65 20.9 17.0 25.4

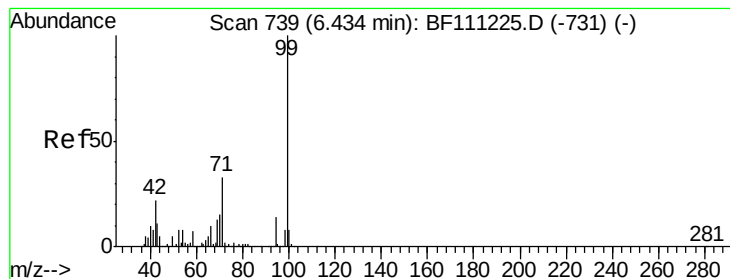


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.476 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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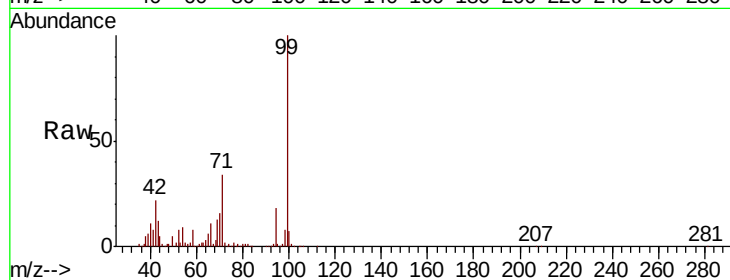
Tgt Ion: 99 Resp: 4783867

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

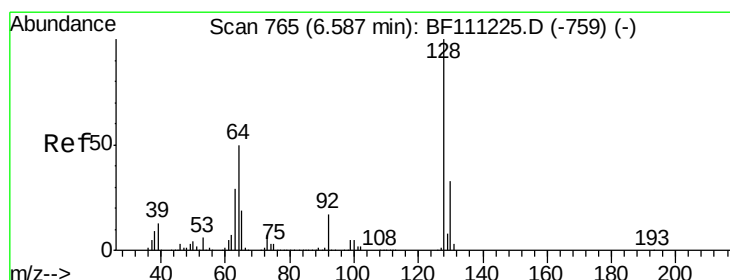
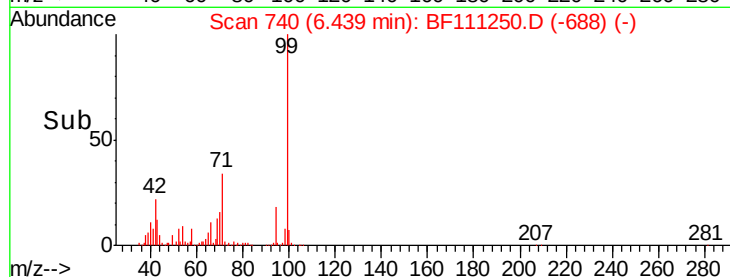
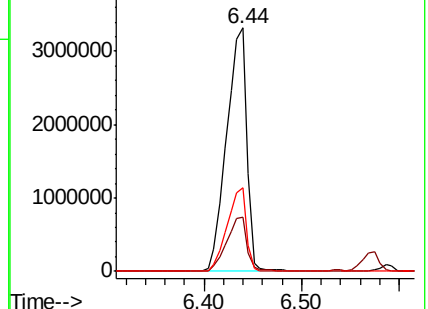
71 34.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.277 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

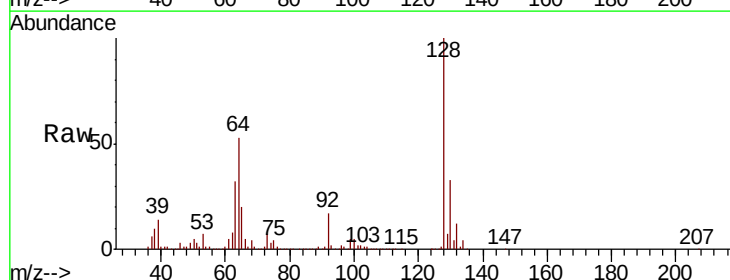
Tgt Ion: 128 Resp: 1535446

Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

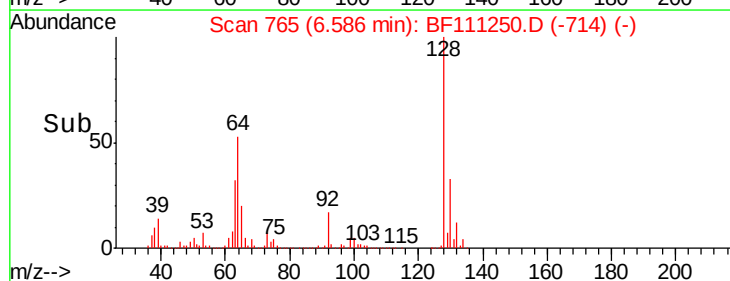
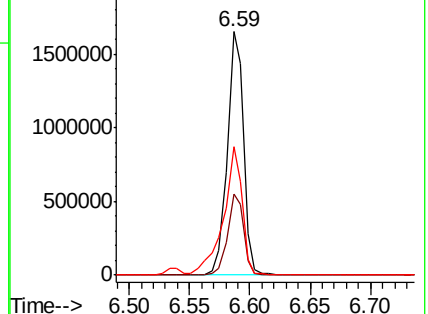
64 52.9 30.0 70.0

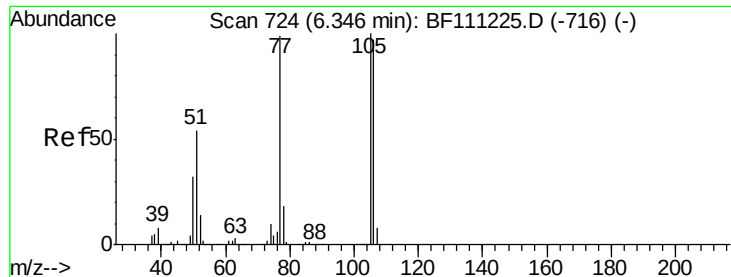


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.047 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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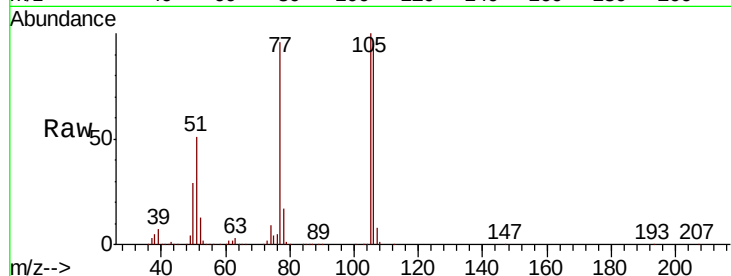
Tgt Ion: 77 Resp: 600095

Ion Ratio Lower Upper

77 100

105 103.8 81.4 121.4

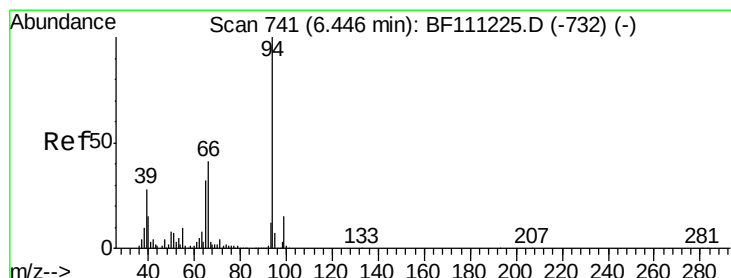
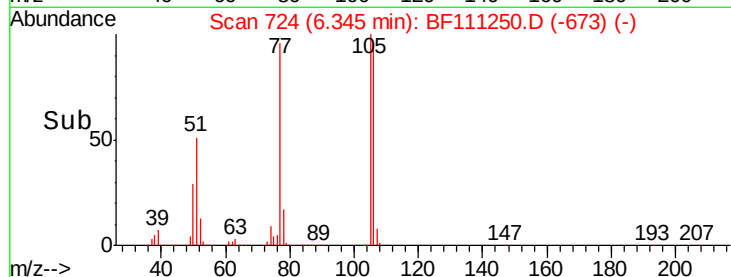
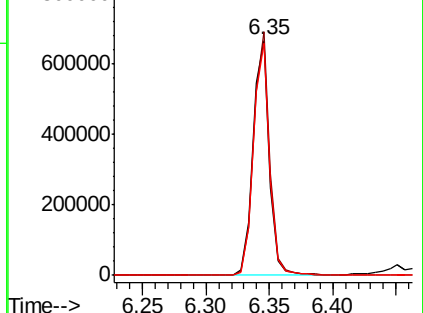
106 99.1 77.9 117.9



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: 41.065 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

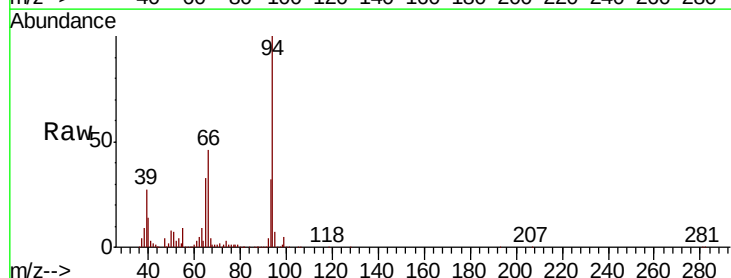
Tgt Ion: 94 Resp: 1906659

Ion Ratio Lower Upper

94 100

65 32.9 11.7 51.7

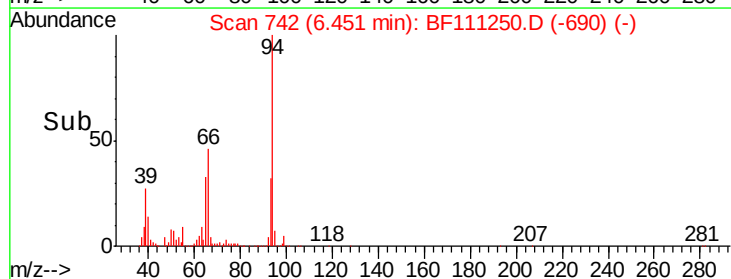
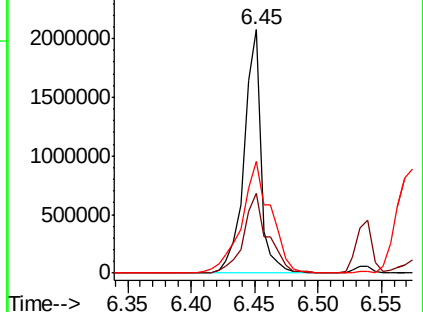
66 45.7 21.0 61.0

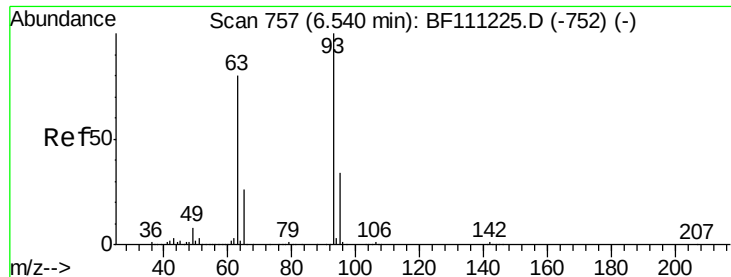


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



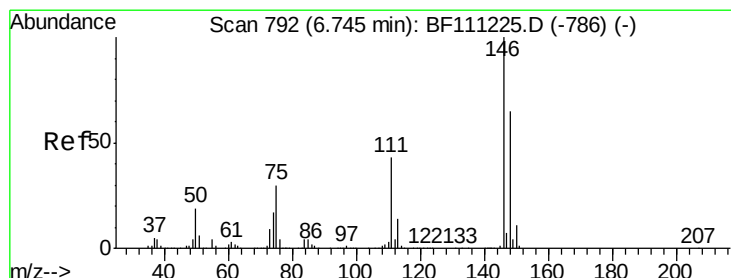
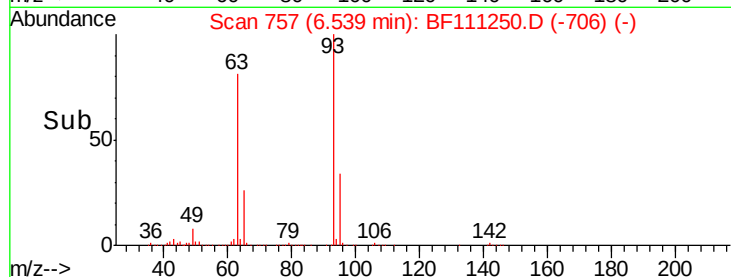
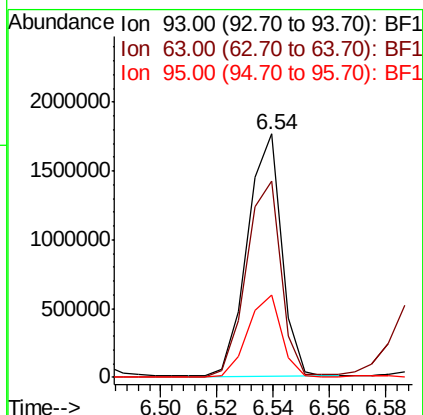
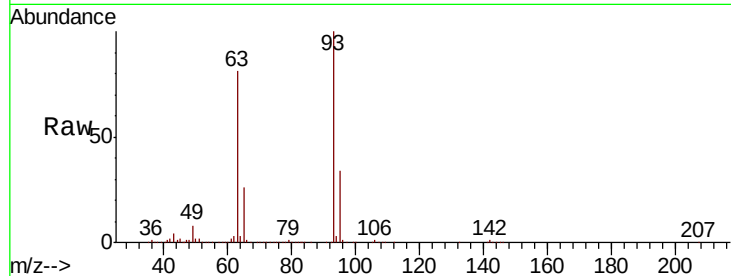


#11
bis(2-Chloroethyl)ether
Concen: 41.127 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion: 93 Resp: 1476832

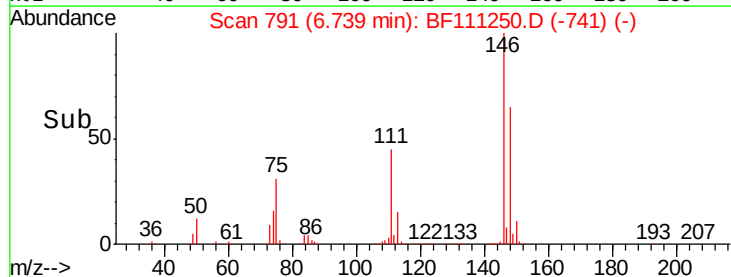
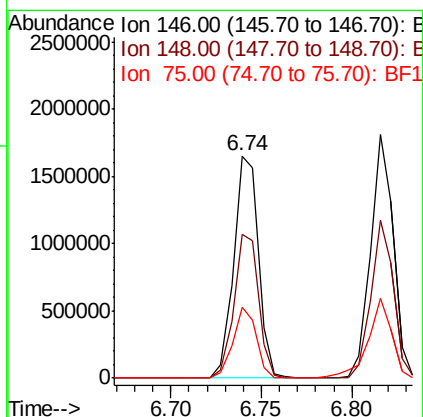
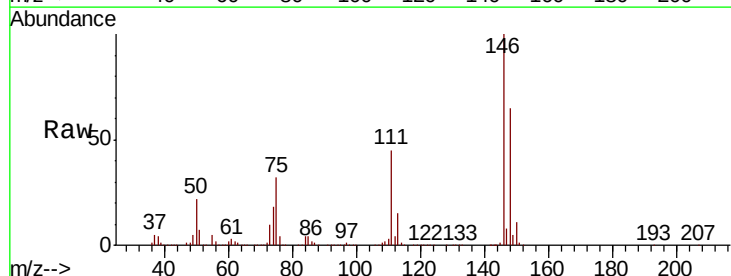
Ion	Ratio	Lower	Upper
93	100		
63	80.8	60.0	100.0
95	33.9	13.4	53.4

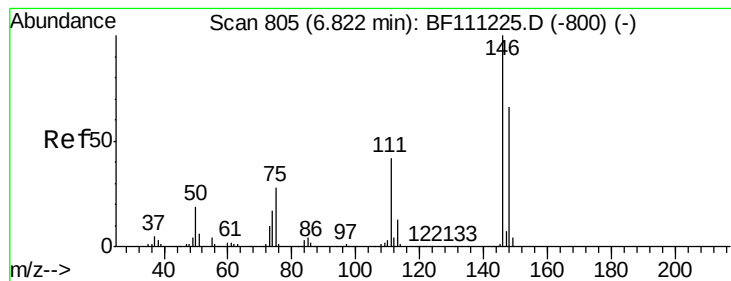


#12
1,3-Dichlorobenzene
Concen: 40.217 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 146 Resp: 1569422

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	31.9	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 40.303 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

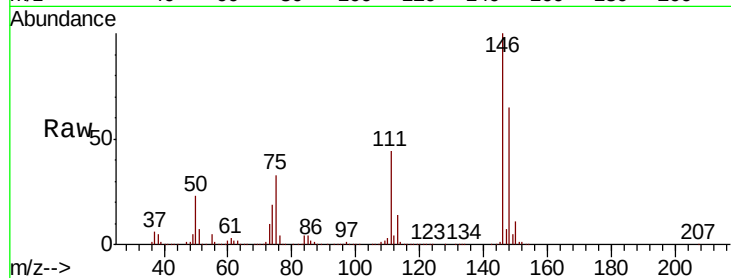
Tgt Ion:146 Resp: 1588075

Ion Ratio Lower Upper

146 100

148 64.7 52.8 79.2

111 43.9 33.4 50.0

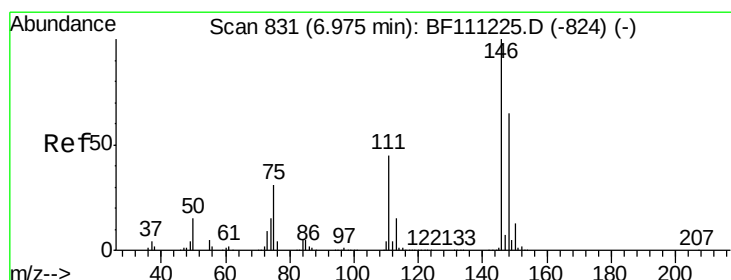
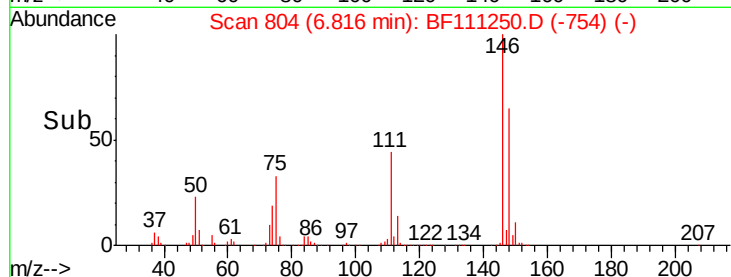
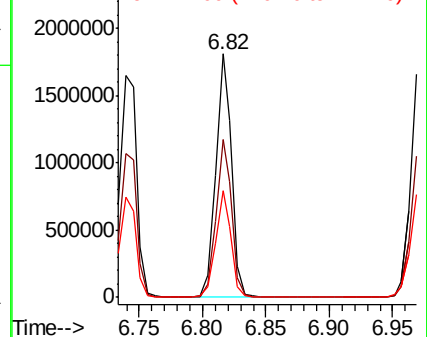


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.780 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

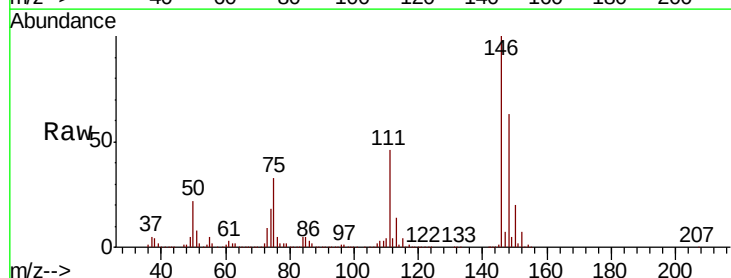
Tgt Ion:146 Resp: 1498733

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

111 45.7 36.2 54.4

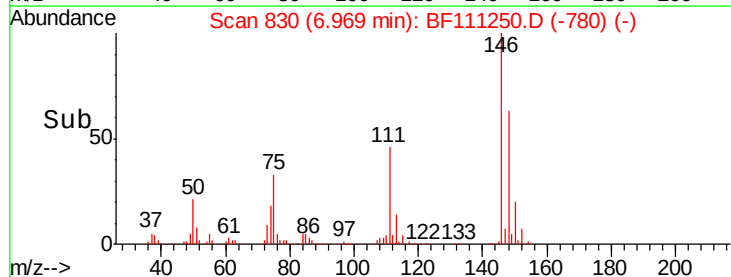
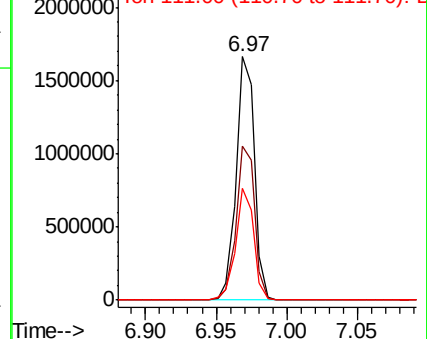


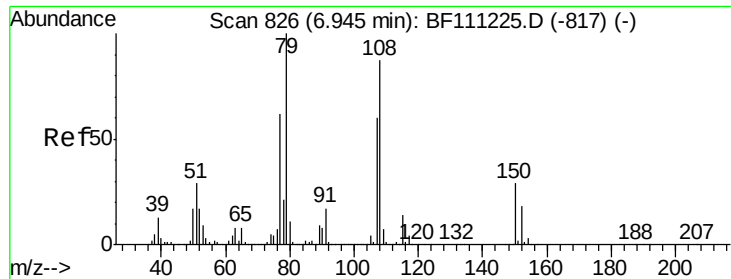
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.260 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

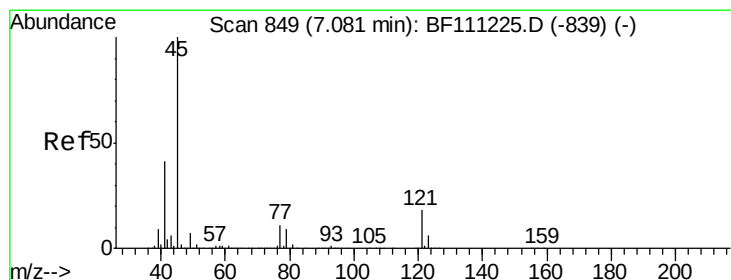
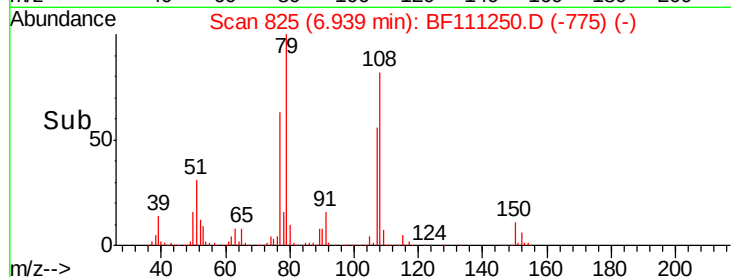
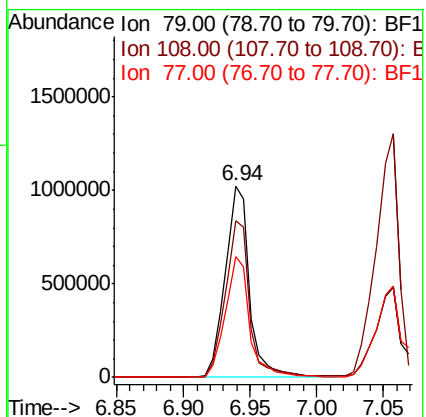
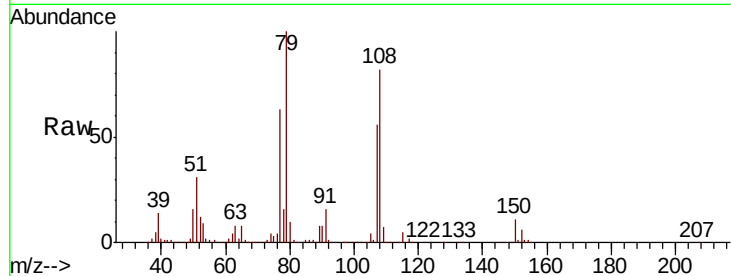
Tgt Ion: 79 Resp: 1327957

Ion Ratio Lower Upper

79 100

108 81.7 69.4 104.2

77 62.9 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.460 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

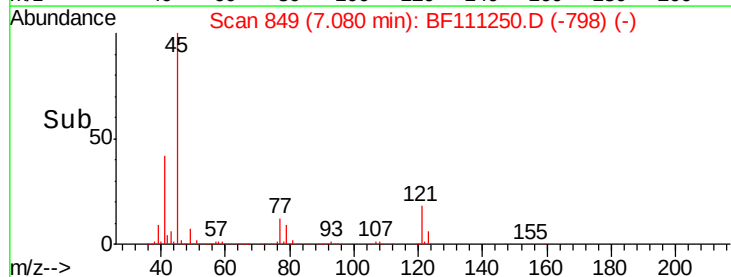
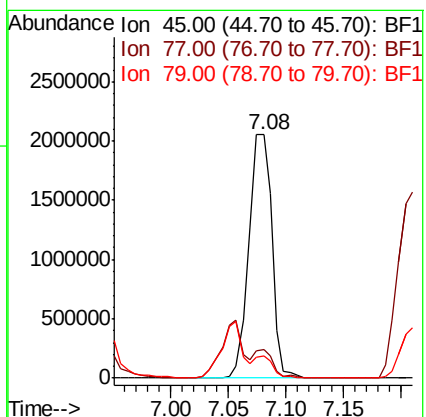
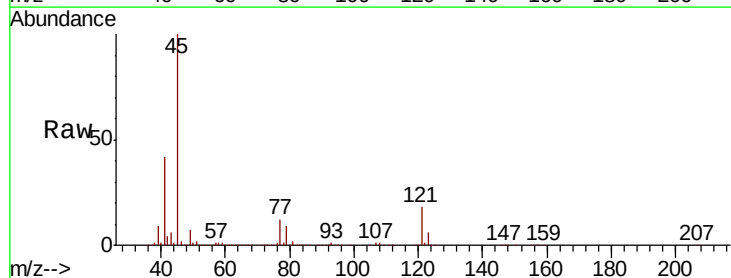
Tgt Ion: 45 Resp: 2854573

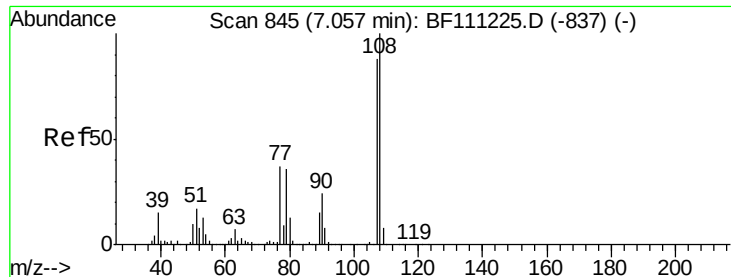
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

79 9.2 0.0 28.9

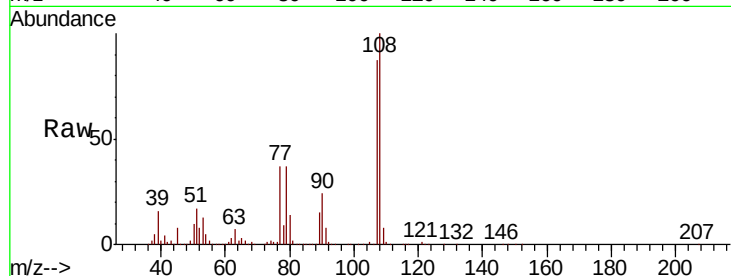




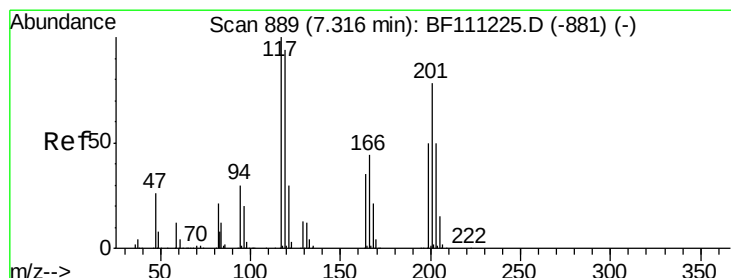
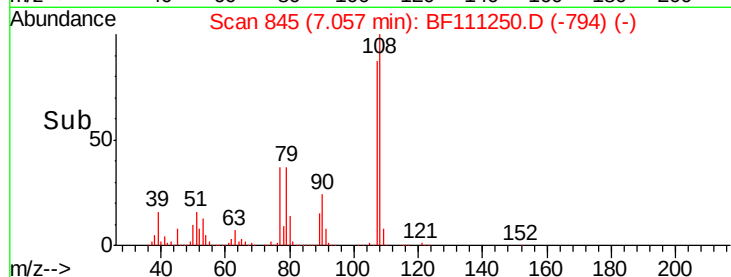
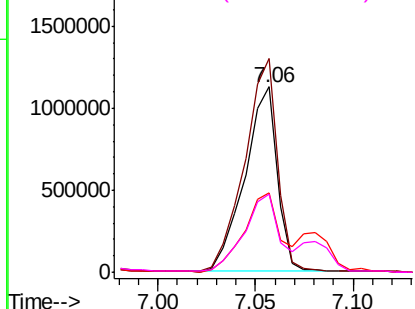
#17
2-Methylphenol
Concen: 44.110 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:107 Resp: 1307942
Ion Ratio Lower Upper
107 100
108 115.2 91.0 136.4
77 43.0 33.5 50.3
79 42.3 33.3 49.9

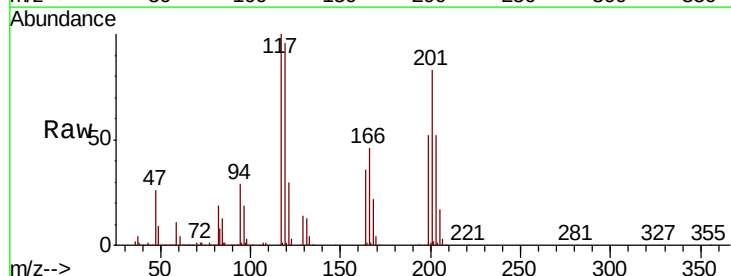


Abundance Ion 107.00 (106.70 to 107.70): E
2000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

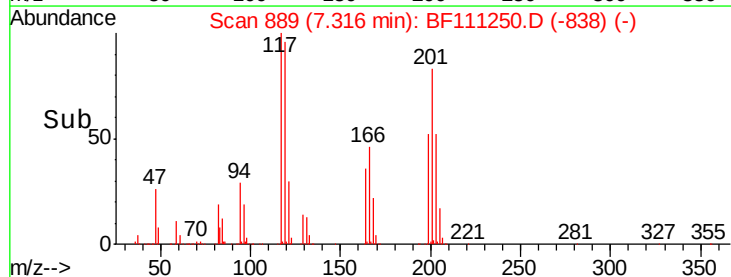
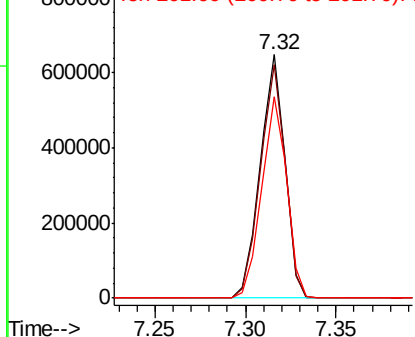


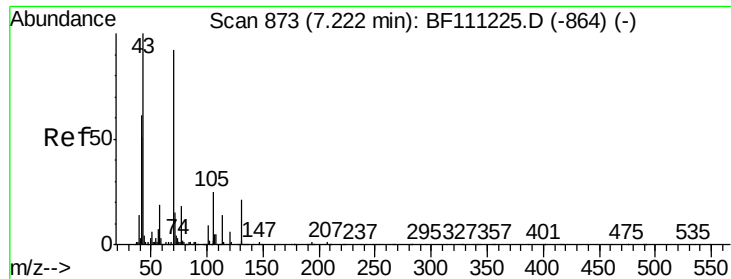
#18
Hexachloroethane
Concen: 40.993 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:117 Resp: 614989
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 82.6 62.4 93.6



Abundance Ion 117.00 (116.70 to 117.70): E
800000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

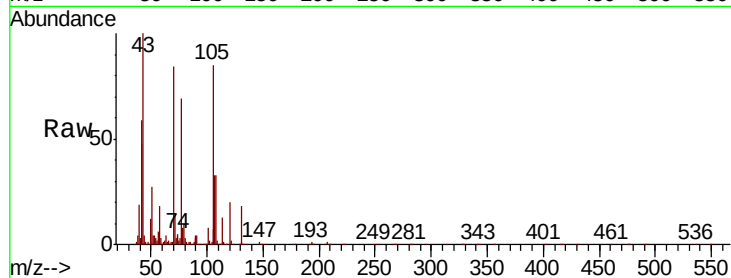




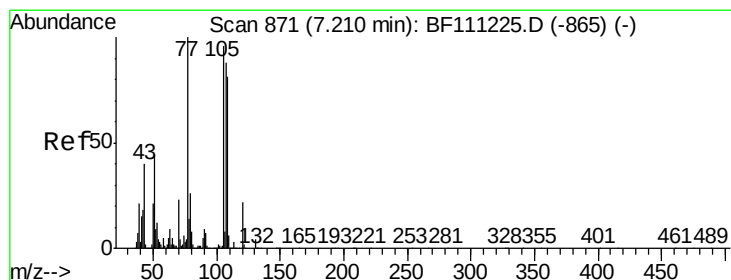
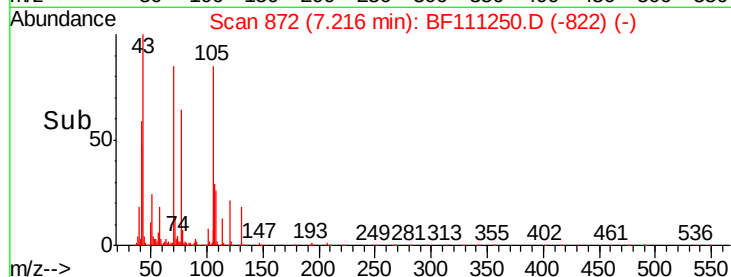
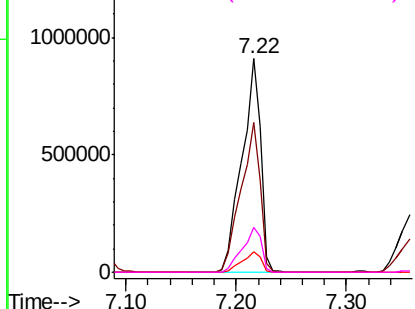
#19
n-Nitroso-di-n-propylamine
Concen: 41.146 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion: 70 Resp: 1094491
Ion Ratio Lower Upper
70 100
42 70.0 53.2 79.8
101 9.4 8.2 12.4
130 20.9 18.1 27.1

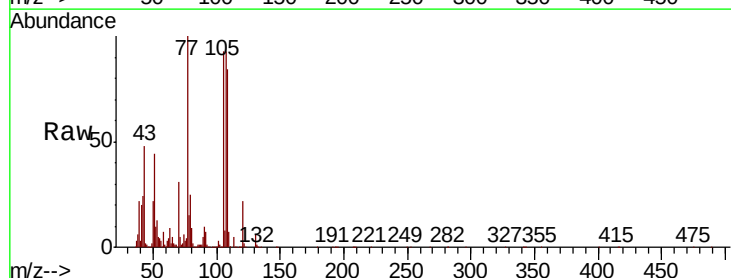


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

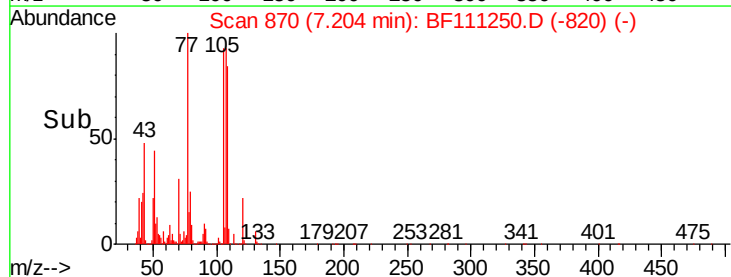
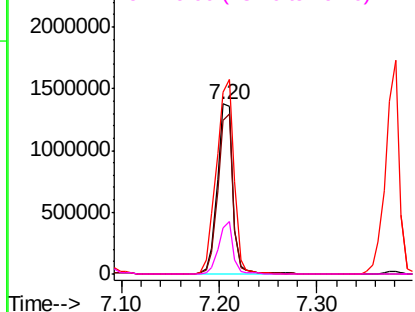


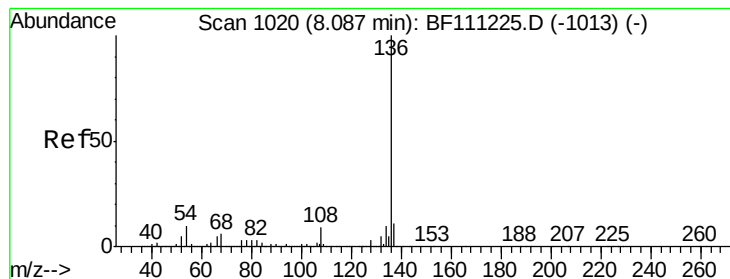
#20
3+4-Methylphenols
Concen: 42.585 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 107 Resp: 1501916
Ion Ratio Lower Upper
107 100
108 90.5 72.1 112.1
77 107.1 94.1 134.1
79 27.2 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: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tgt Ion:136 Resp: 2076376

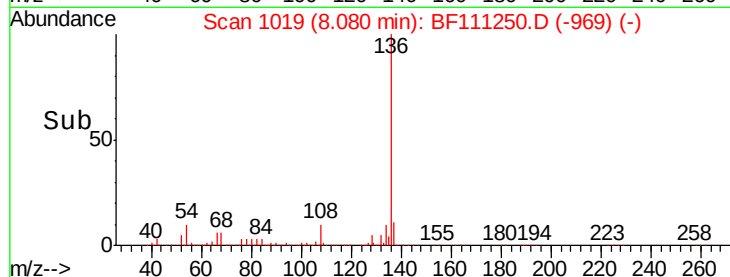
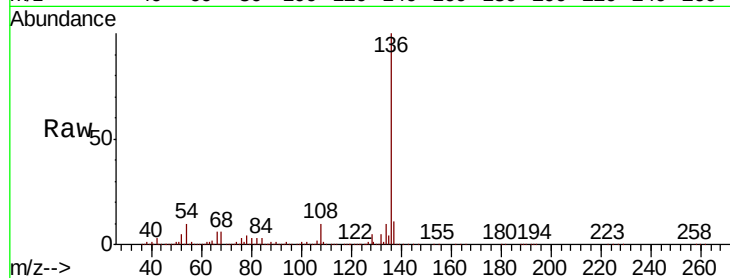
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.1 7.7 11.5

68 6.5 4.9 7.3

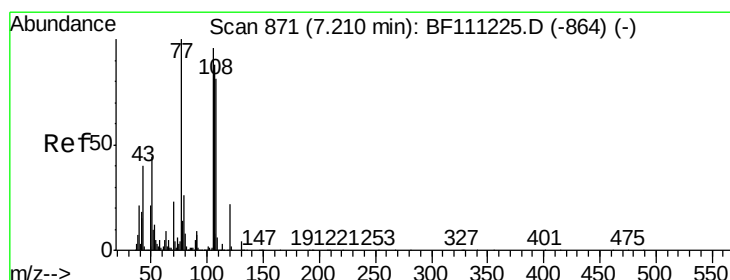
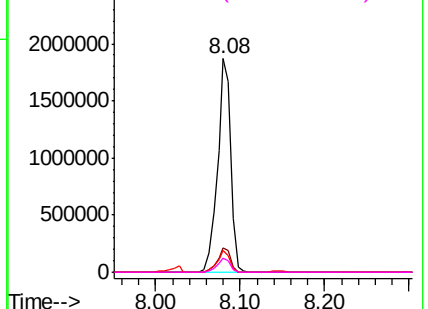


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.464 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Tgt Ion:105 Resp: 2017423

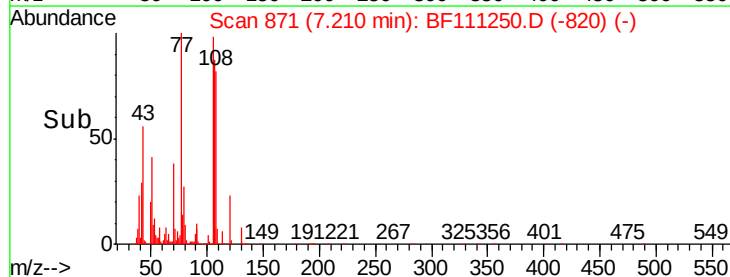
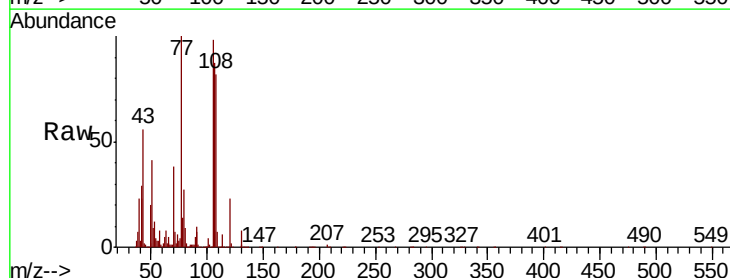
Ion Ratio Lower Upper

105 100

71 6.7 3.1 4.7#

51 41.9 36.6 54.8

120 23.1 18.2 27.4

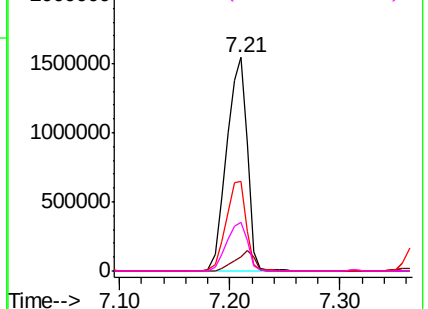


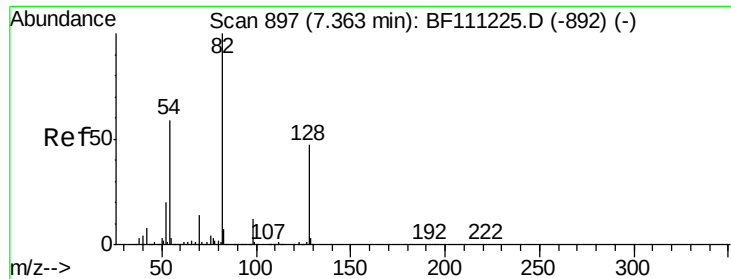
Abundance Ion 105.00 (104.70 to 105.70): E

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

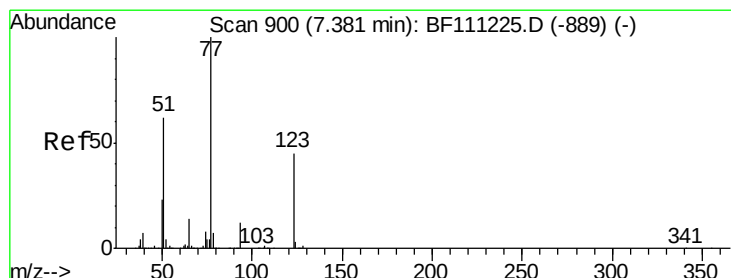
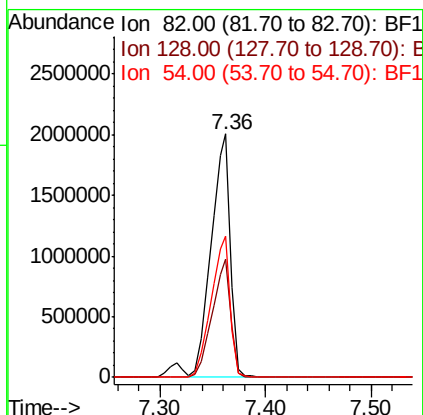
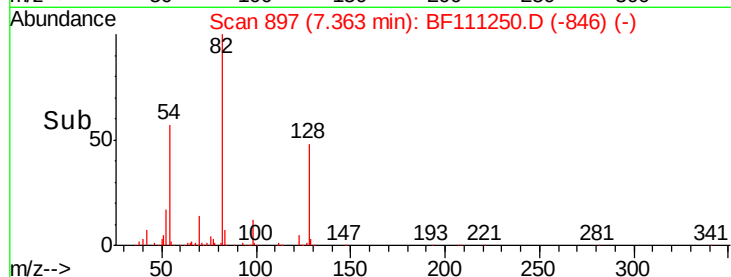
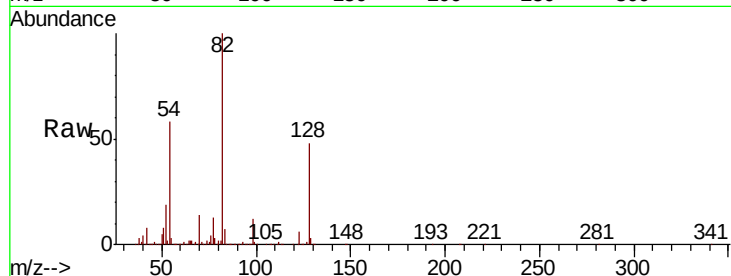




#23
 Nitrobenzene-d5
 Concen: 68.893 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

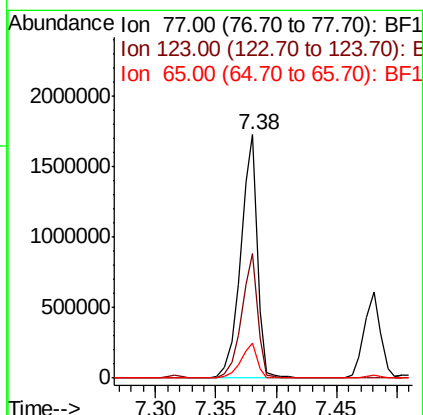
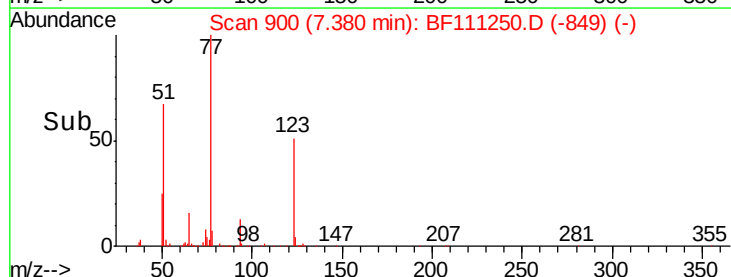
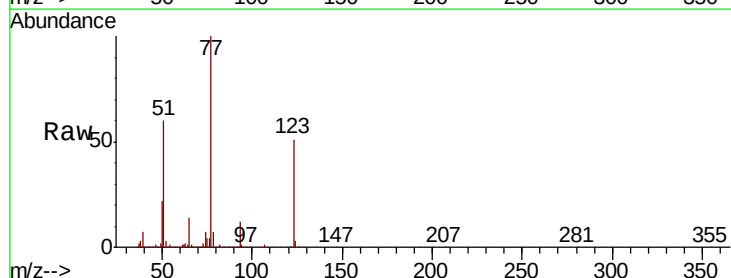
Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

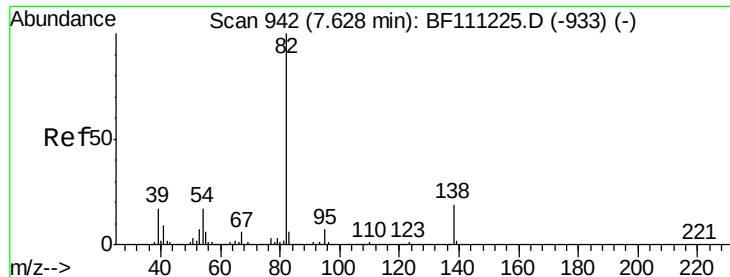
Tgt Ion: 82 Resp: 2550375
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.4 56.2
 54 57.8 47.6 71.4



#24
 Nitrobenzene
 Concen: 42.948 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion: 77 Resp: 1654747
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.2 55.8
 65 14.2 11.5 17.3

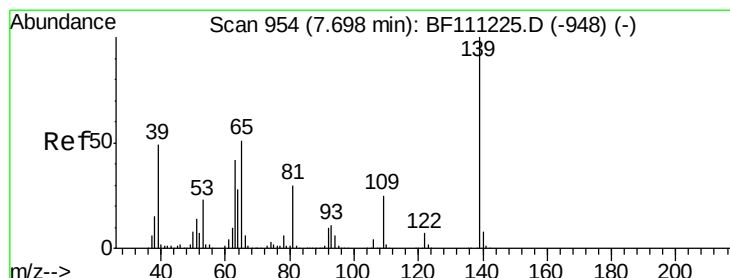
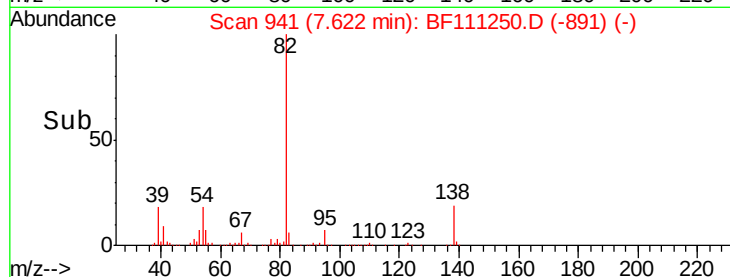
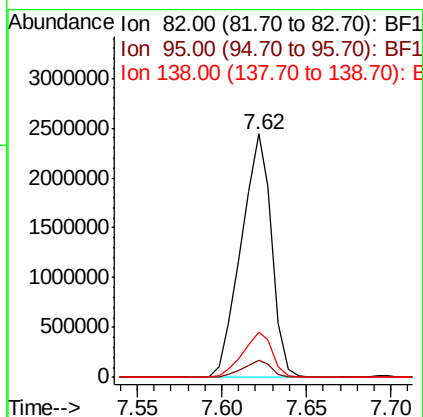
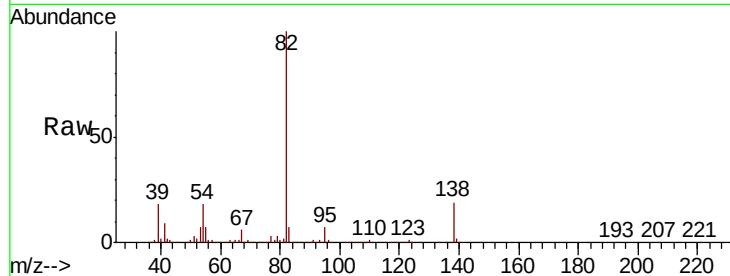




#25
Isophorone
Concen: 48.546 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

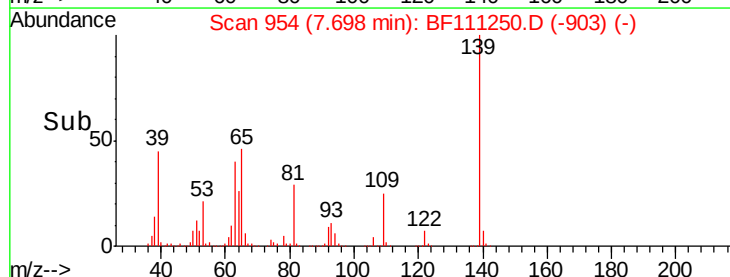
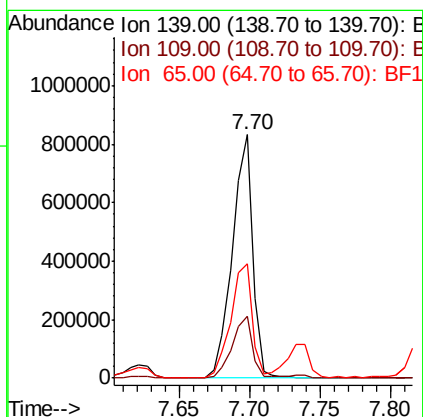
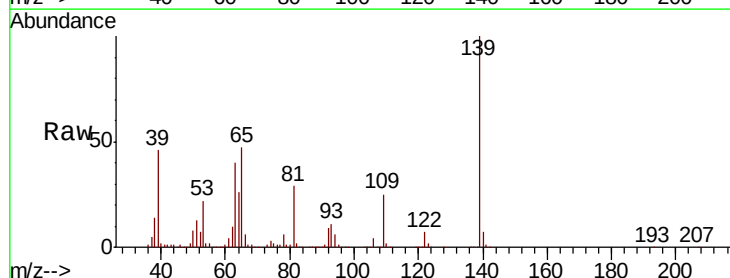
Instrument :
BNA_F
ClientSampleId :
PB115431BS

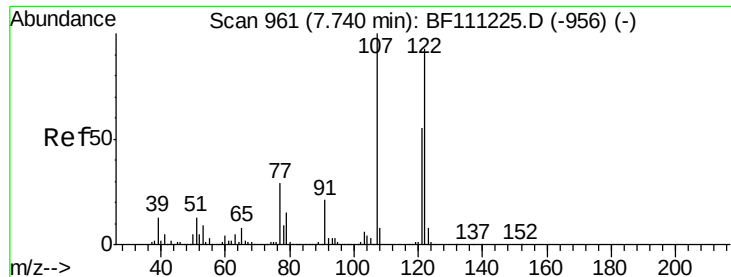
Tgt Ion: 82 Resp: 3060906
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.5 15.1 22.7



#26
2-Nitrophenol
Concen: 43.873 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 139 Resp: 839859
Ion Ratio Lower Upper
139 100
109 25.2 20.2 30.4
65 46.8 40.7 61.1

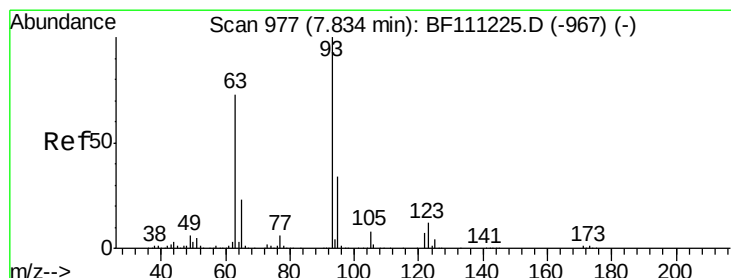
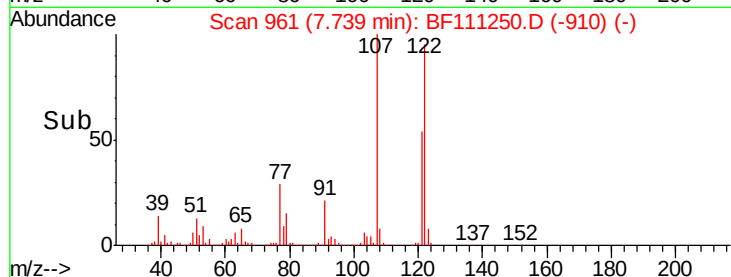
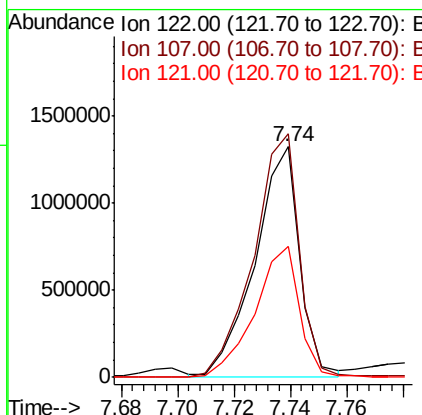
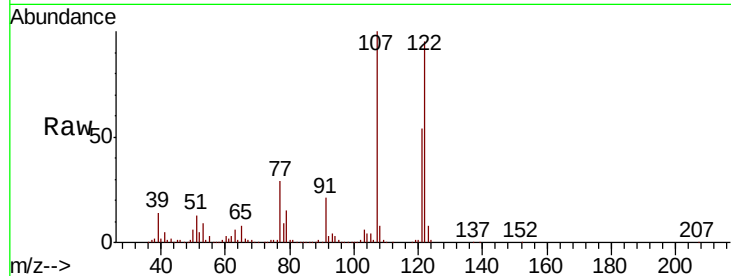




#27
 2,4-Dimethylphenol
 Concen: 49.225 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

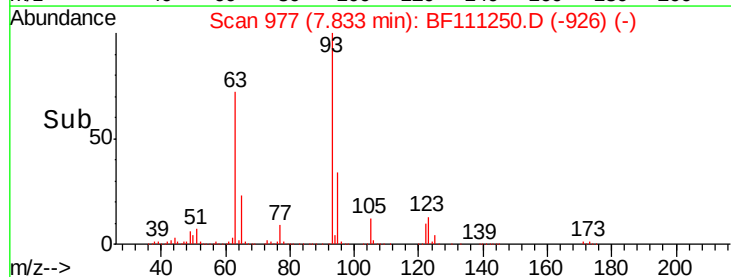
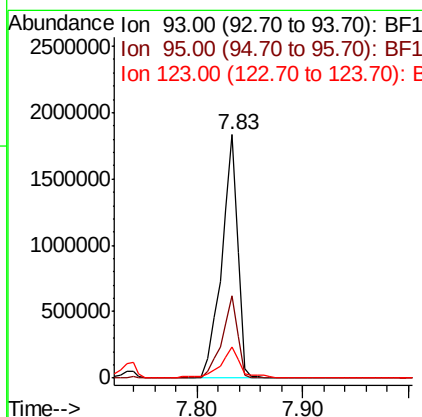
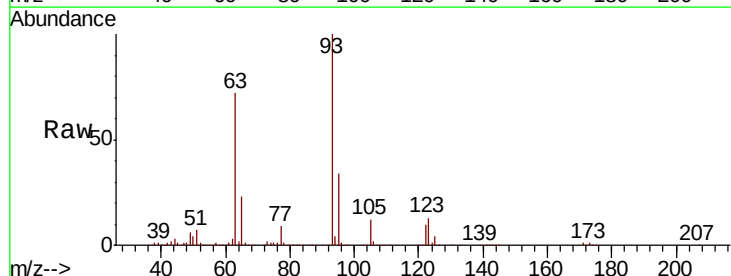
Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

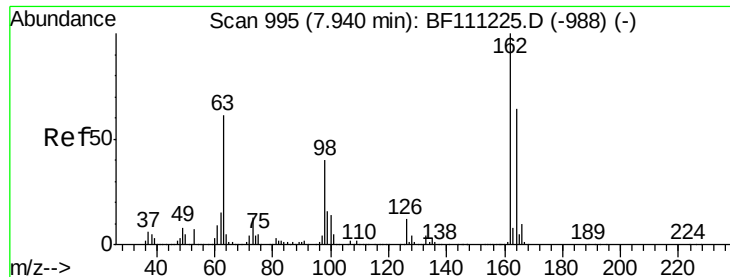
Tgt Ion:122 Resp: 1456123
 Ion Ratio Lower Upper
 122 100
 107 105.7 85.5 128.3
 121 56.7 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.628 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion: 93 Resp: 1948563
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.1 40.7
 123 12.7 9.9 14.9

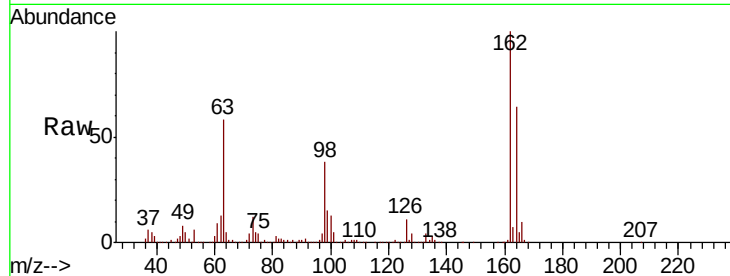




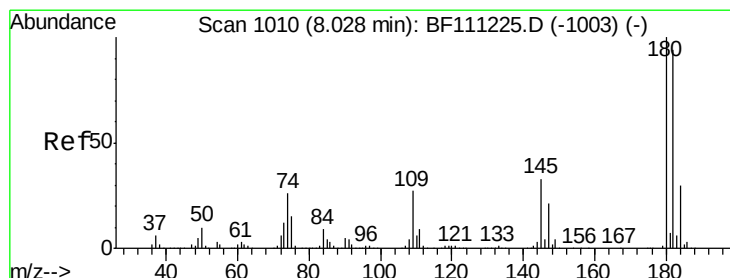
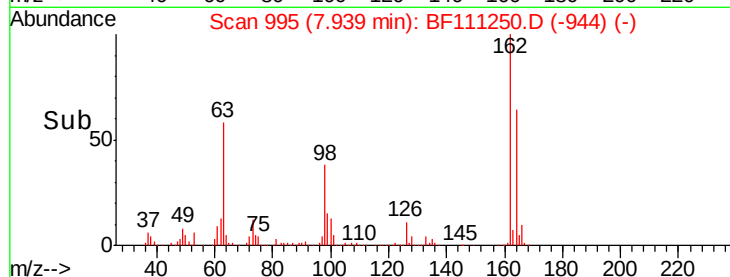
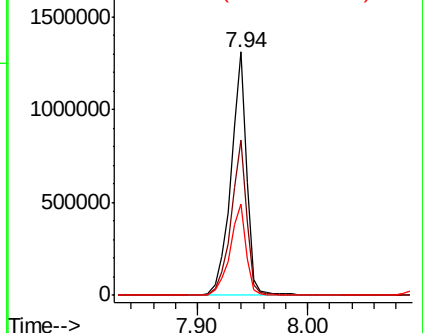
#29
2,4-Dichlorophenol
Concen: 43.431 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:162 Resp: 1313664
Ion Ratio Lower Upper
162 100
164 63.7 44.4 84.4
98 37.7 20.3 60.3

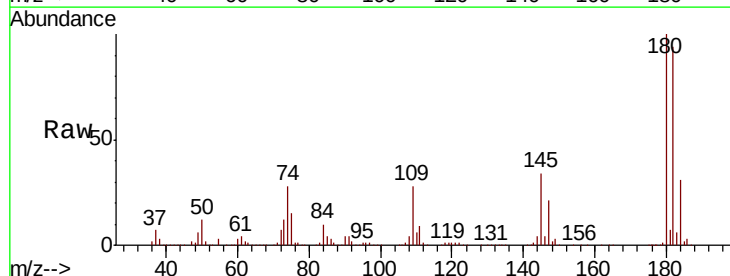


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

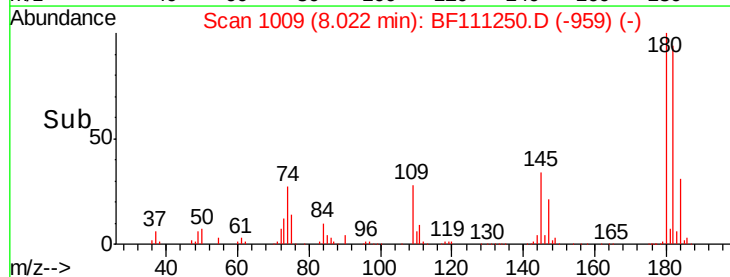
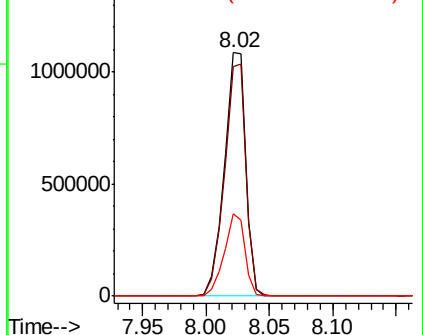


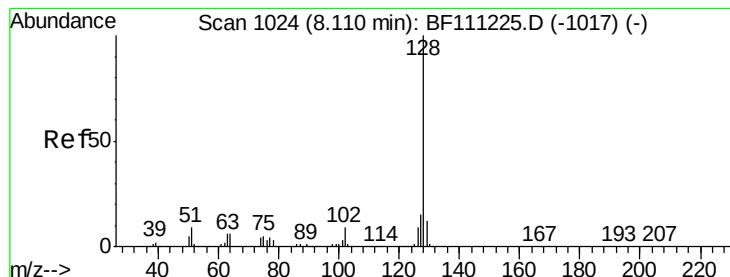
#30
1,2,4-Trichlorobenzene
Concen: 42.579 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:180 Resp: 1268589
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 33.7 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

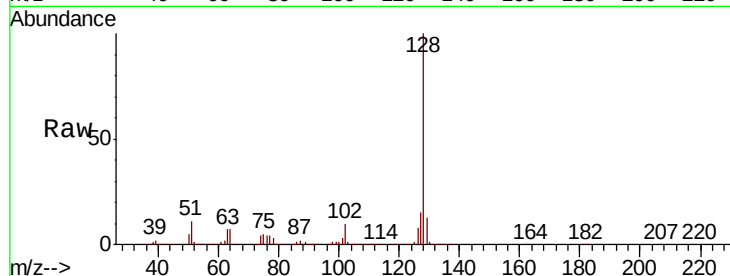




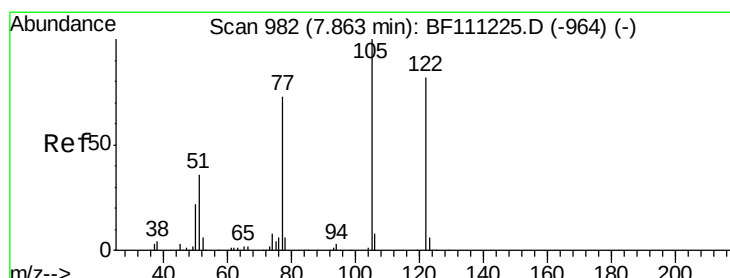
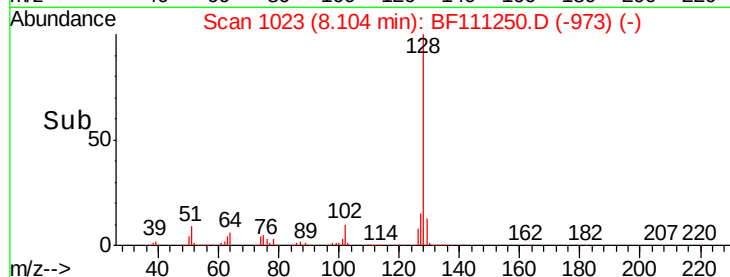
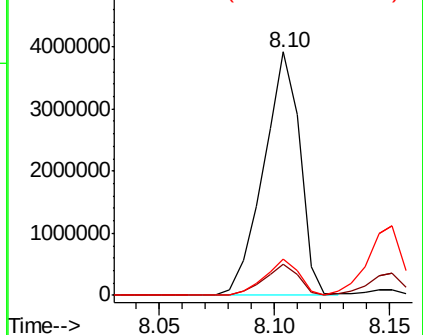
#31
Naphthalene
Concen: 47.234 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:128 Resp: 4280439
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.8
127 14.9 12.0 18.0

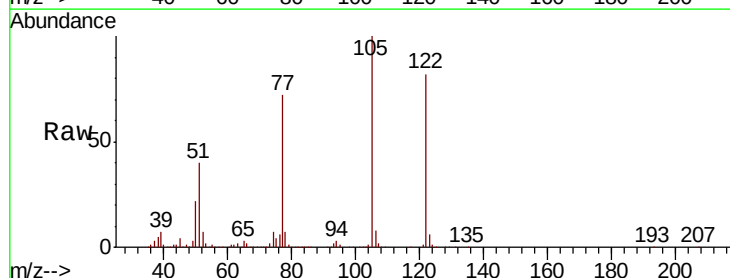


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

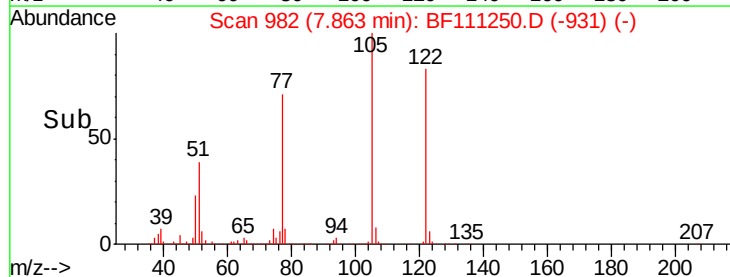
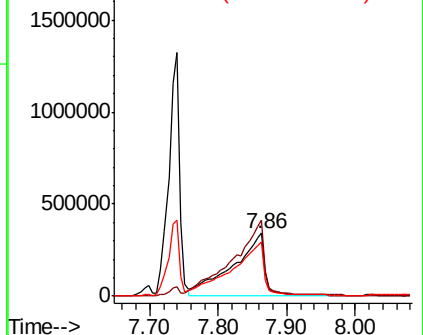


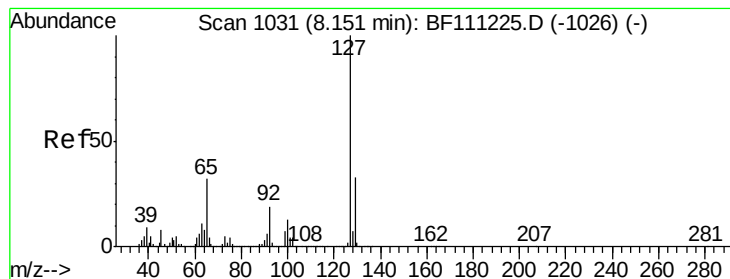
#32
Benzoic acid
Concen: 45.574 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:122 Resp: 1114803
Ion Ratio Lower Upper
122 100
105 121.2 97.0 137.0
77 87.1 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: 27.771 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tgt Ion:127 Resp: 1208737

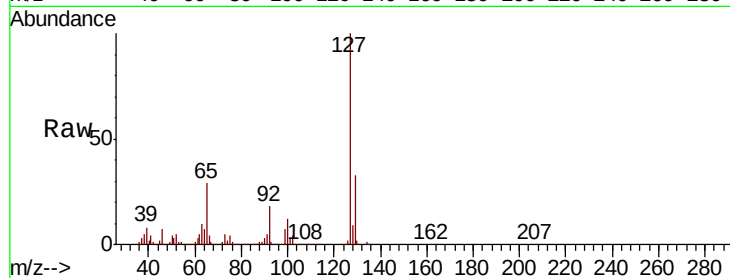
Ion Ratio Lower Upper

127 100

129 32.6 26.6 39.8

65 29.4 25.7 38.5

92 18.1 15.4 23.2

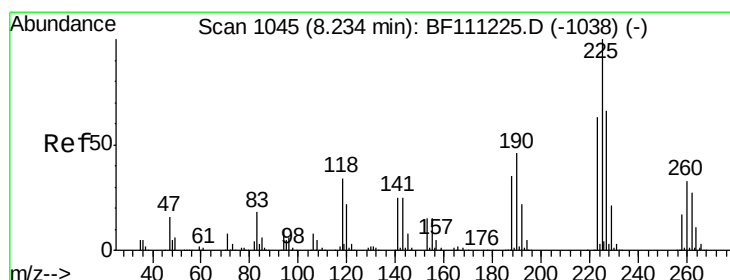
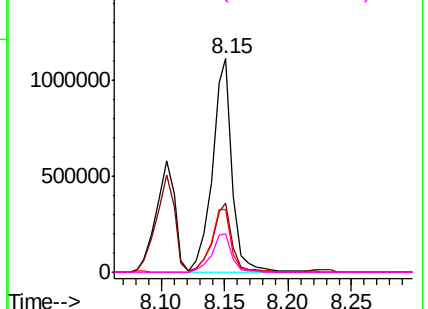
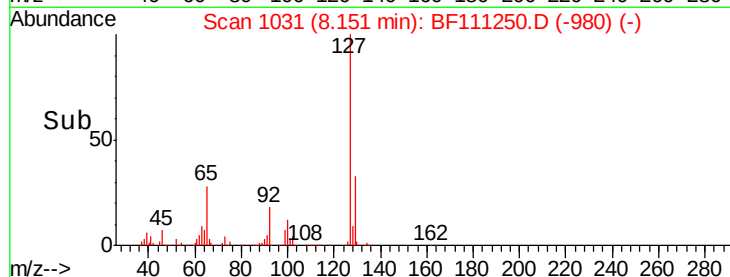


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.492 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

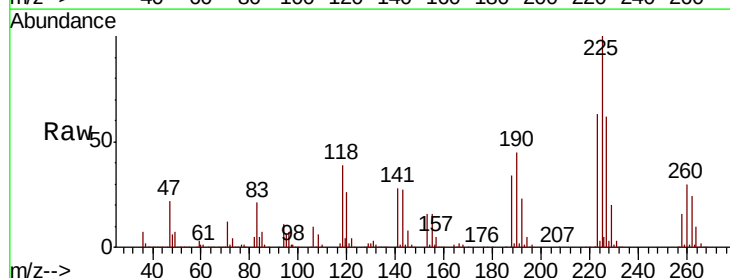
Tgt Ion:225 Resp: 665948

Ion Ratio Lower Upper

225 100

223 63.4 50.7 76.1

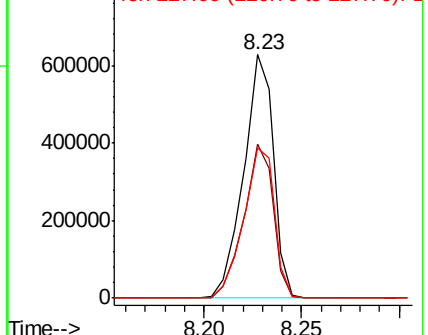
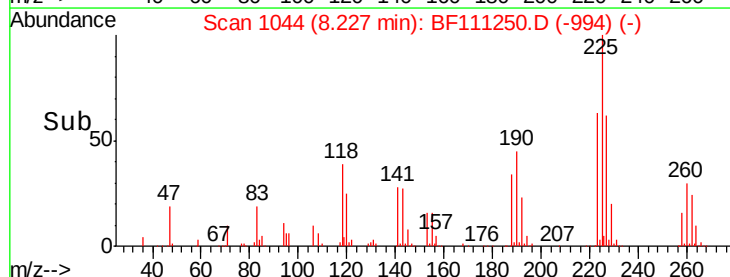
227 61.9 52.6 78.8

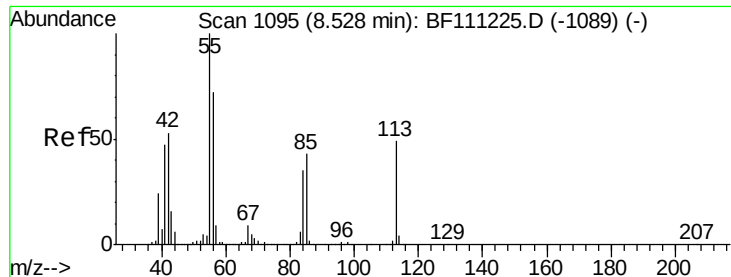


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

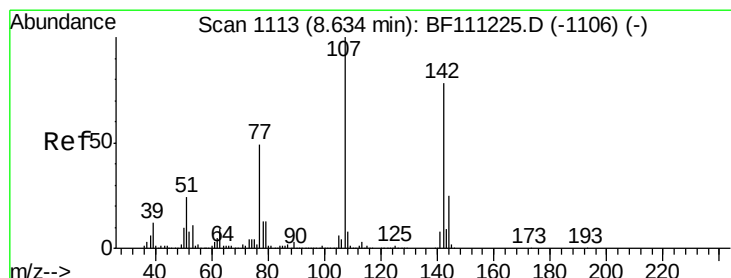
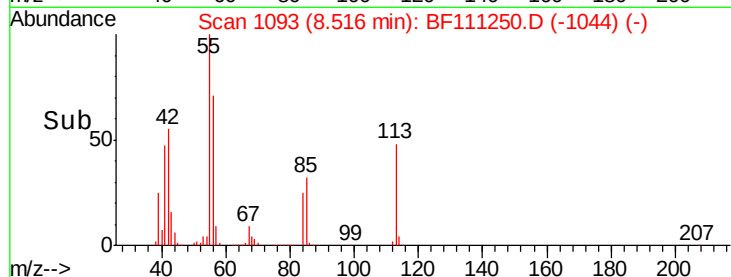
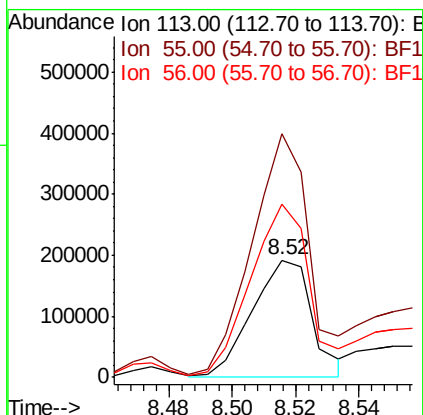
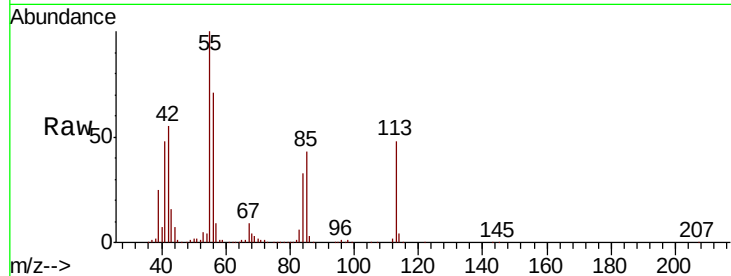




#35
 Caprolactam
 Concen: 23.401 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

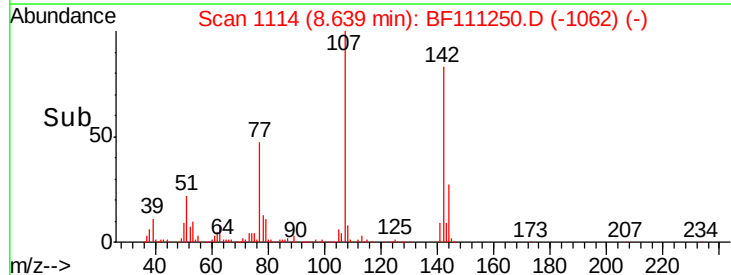
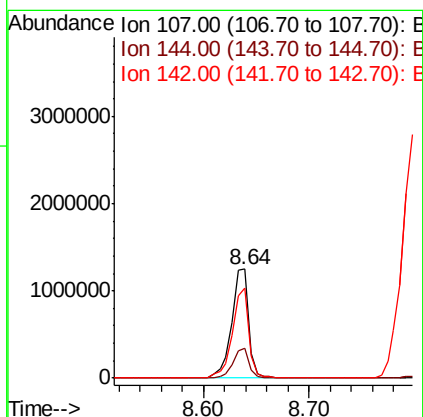
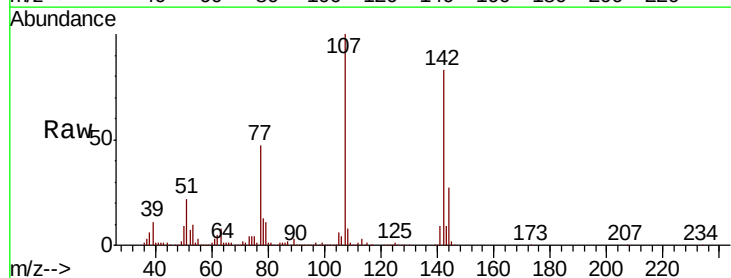
Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

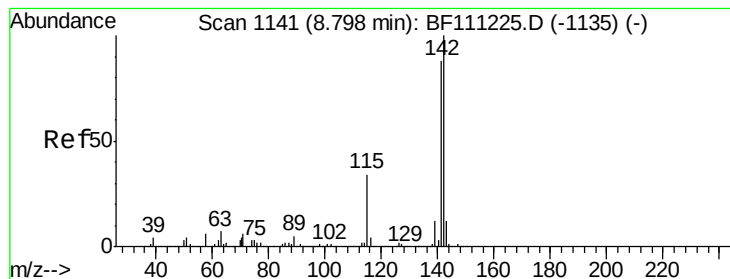
Tgt Ion:113 Resp: 250816
 Ion Ratio Lower Upper
 113 100
 55 207.4 184.1 224.1
 56 147.9 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.966 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:107 Resp: 1392545
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.8 29.6
 142 82.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 48.653 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

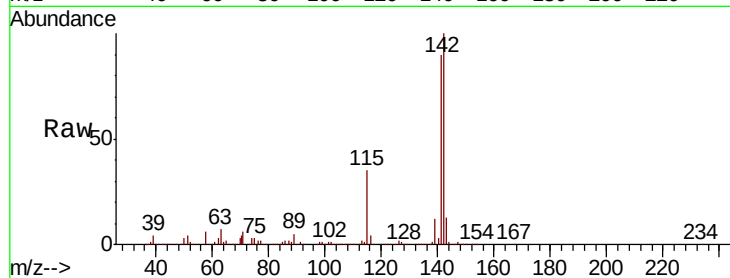
Tgt Ion:142 Resp: 2927232

Ion Ratio Lower Upper

142 100

141 90.1 70.6 105.8

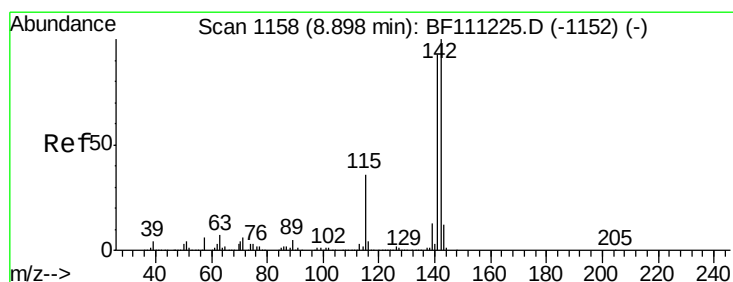
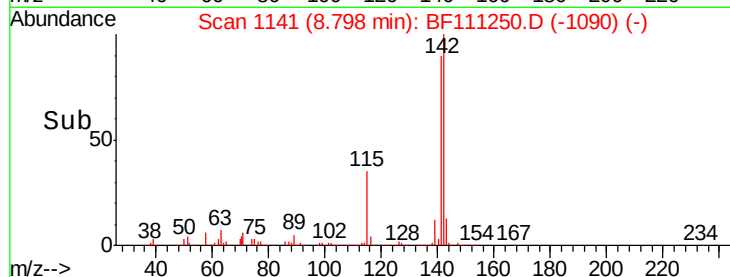
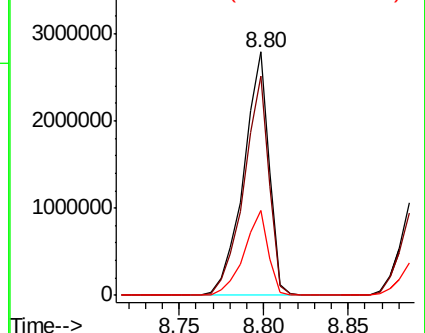
115 34.9 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.383 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

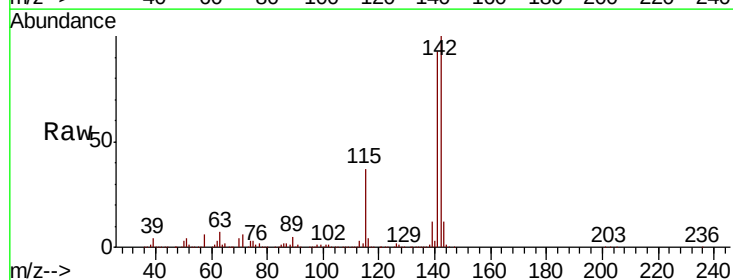
Tgt Ion:142 Resp: 2791811

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

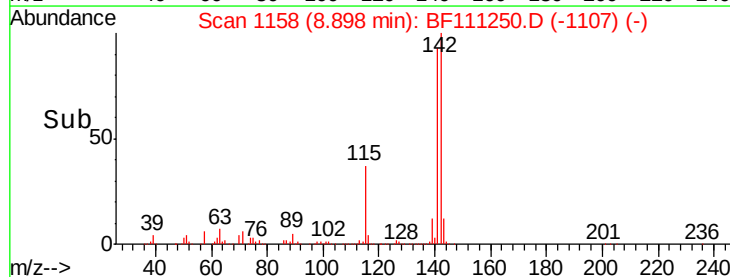
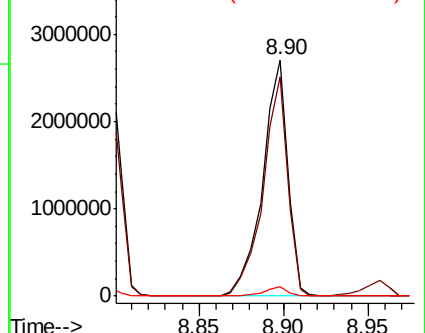
116 3.8 2.9 4.3

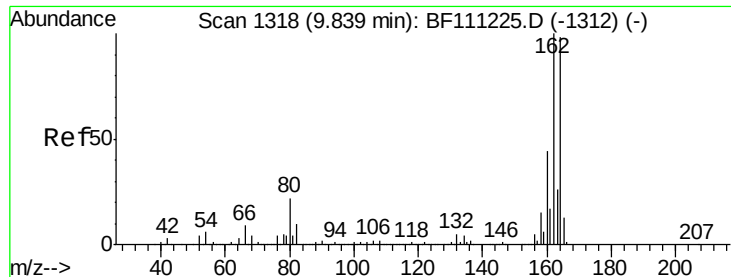


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

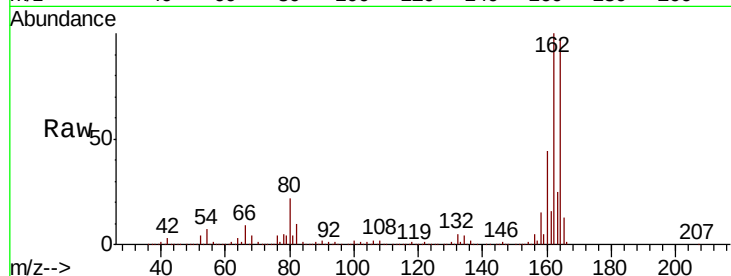




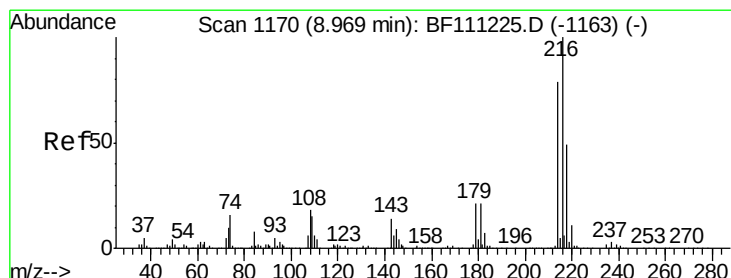
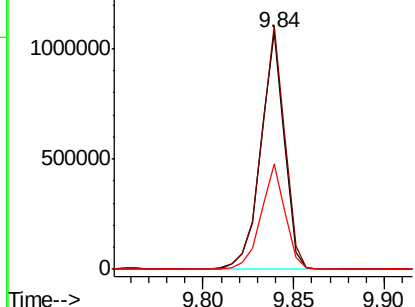
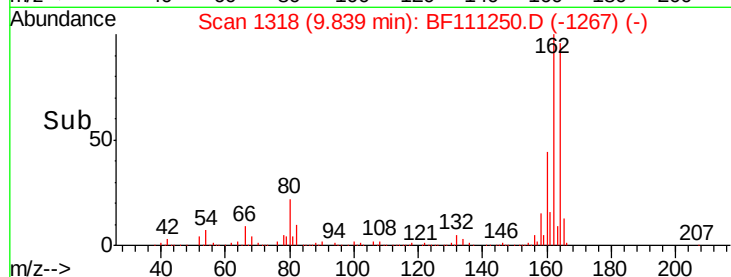
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tgt Ion:164 Resp: 972228
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.0
 160 44.7 35.7 53.5

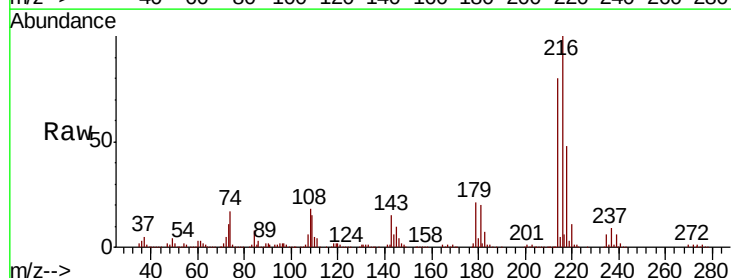


Abundance Ion 164.00 (163.70 to 164.70): E
 1500000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

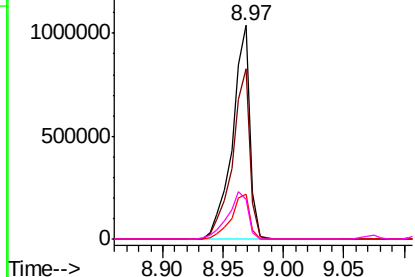
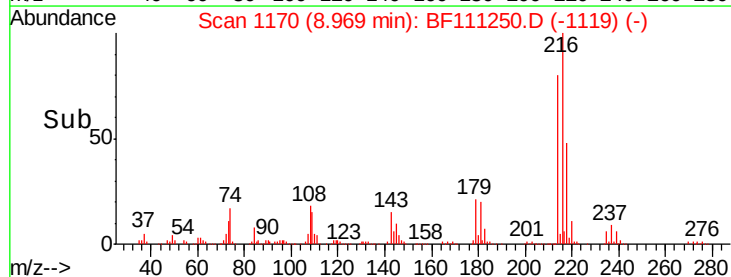


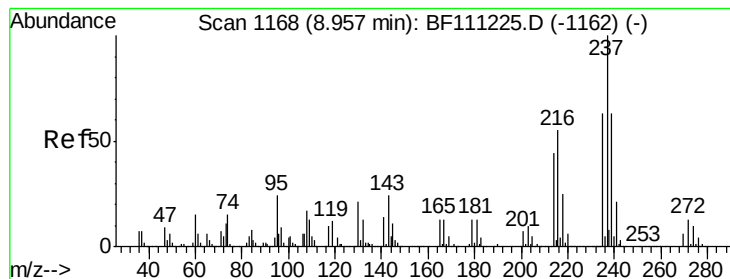
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.535 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:216 Resp: 1042470
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.8 95.8
 179 22.1 17.9 26.9
 108 25.5 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
 1500000 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: 83.192 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

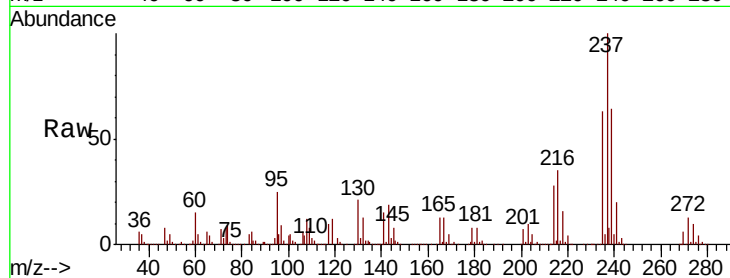
Tgt Ion:237 Resp: 1281689

Ion Ratio Lower Upper

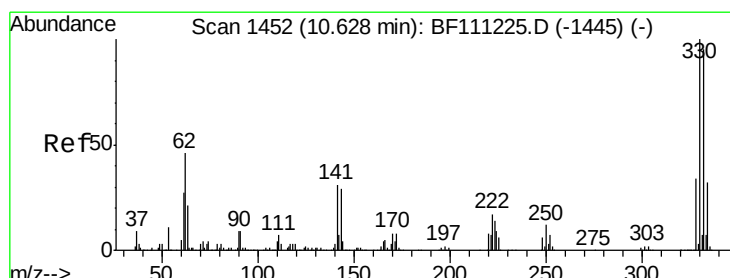
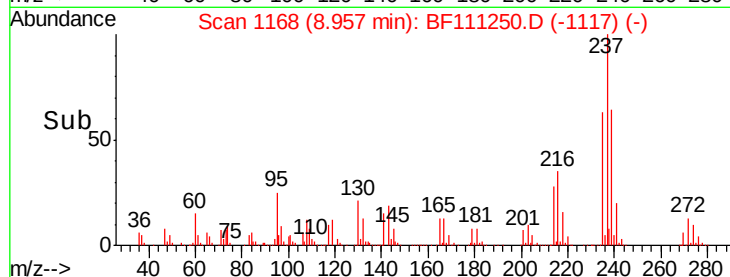
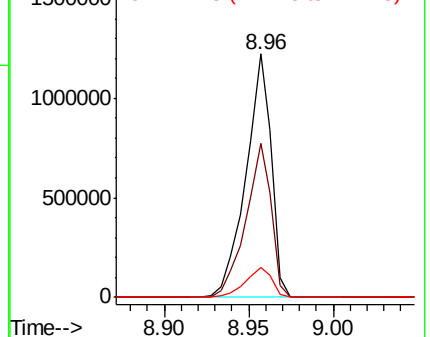
237 100

235 63.1 43.1 83.1

272 12.5 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: 117.923 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

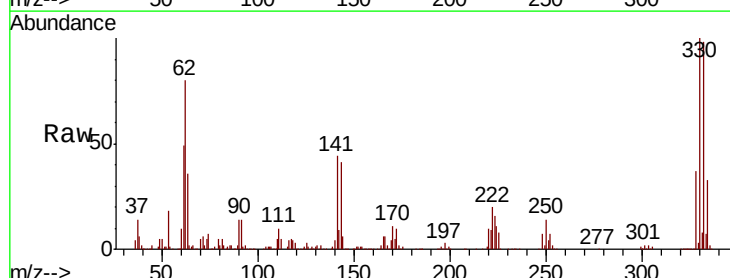
Tgt Ion:330 Resp: 1015566

Ion Ratio Lower Upper

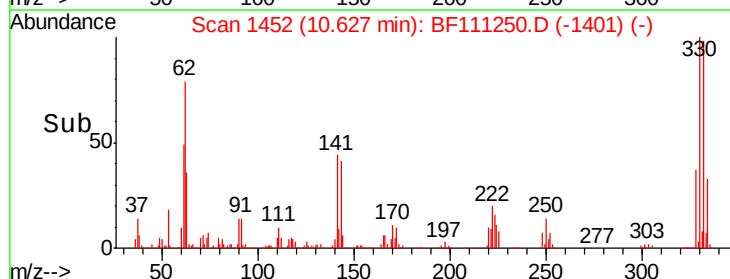
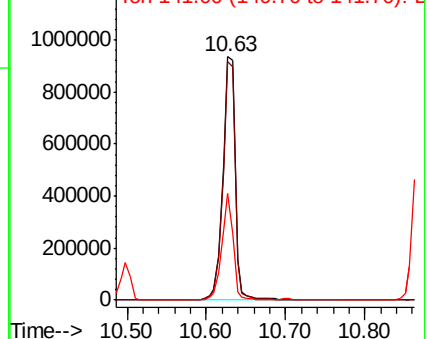
330 100

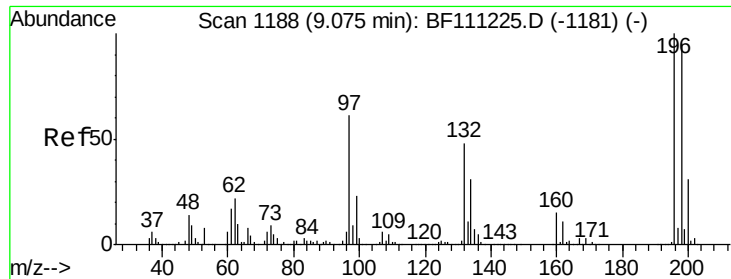
332 97.0 76.0 114.0

141 39.6 31.0 46.6



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

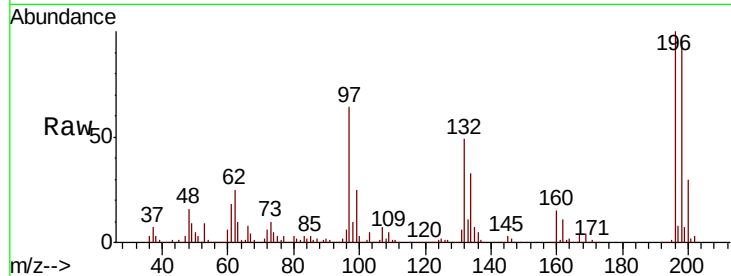




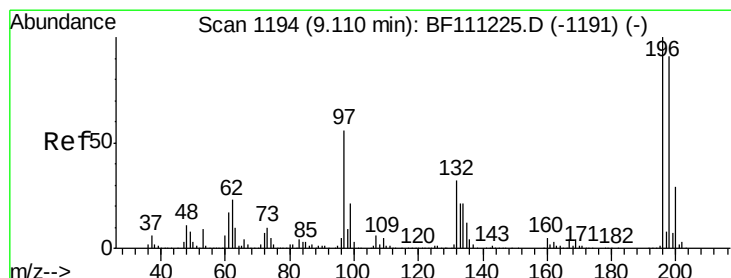
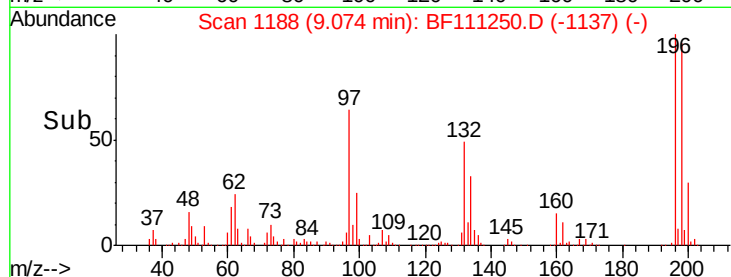
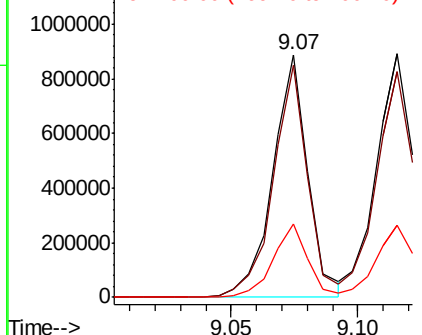
#43
 2,4,6-Trichlorophenol
 Concen: 42.319 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tgt Ion:	196	Resp:	859350
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
200	30.3	24.9	37.3

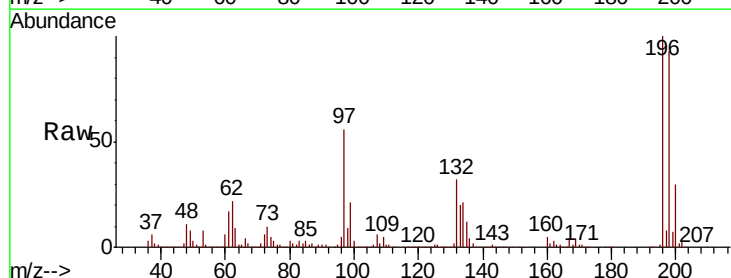


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

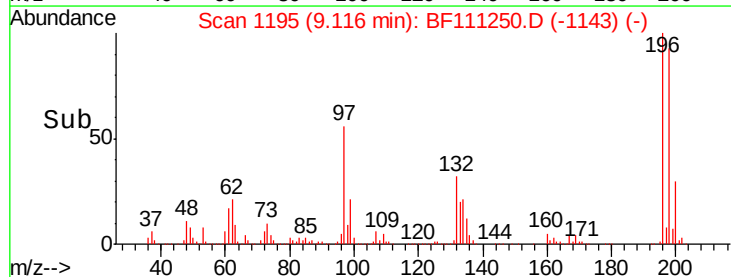
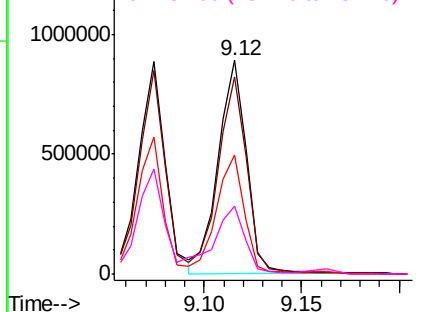


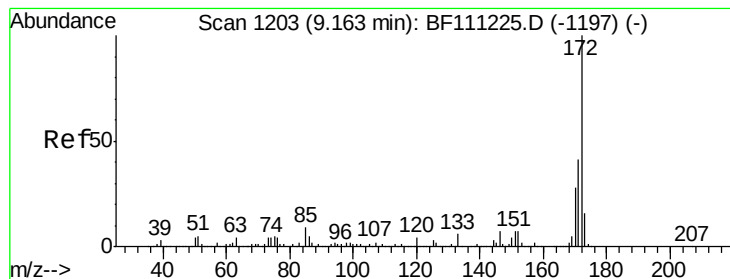
#44
 2,4,5-Trichlorophenol
 Concen: 42.276 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:	196	Resp:	894288
Ion	Ratio	Lower	Upper
196	100		
198	92.6	72.9	109.3
97	55.5	45.3	67.9
132	31.8	25.5	38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 70.347 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

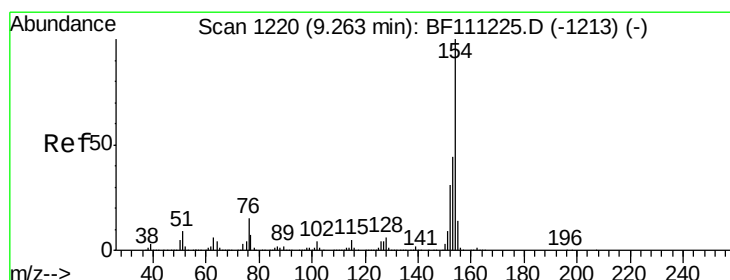
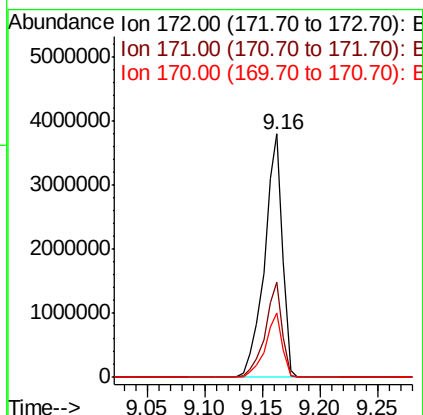
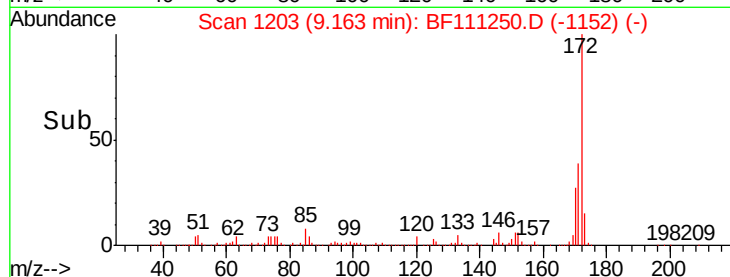
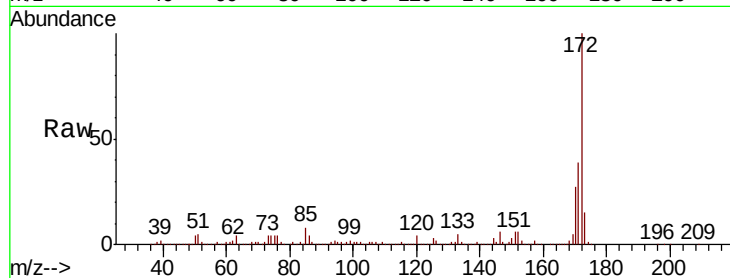
Tgt Ion:172 Resp: 4148297

Ion Ratio Lower Upper

172 100

171 39.3 33.0 49.4

170 26.7 22.3 33.5



#46

1,1'-Biphenyl

Concen: 40.849 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

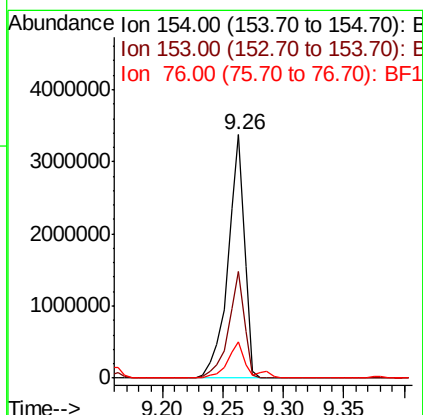
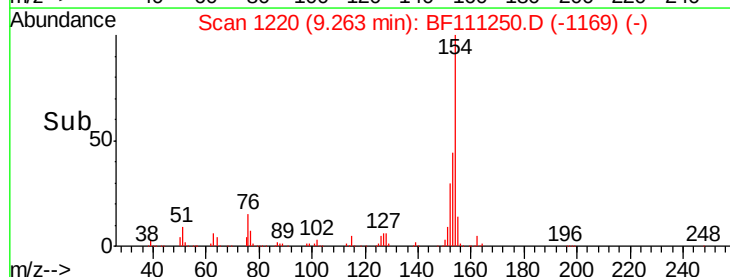
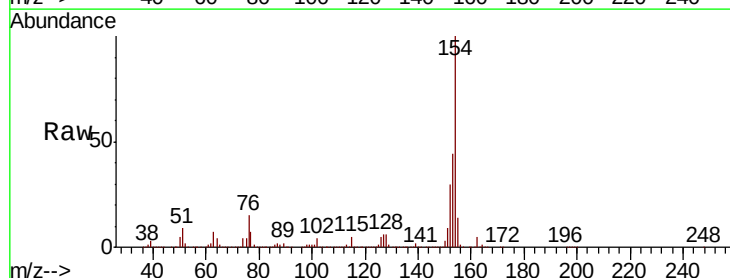
Tgt Ion:154 Resp: 3211069

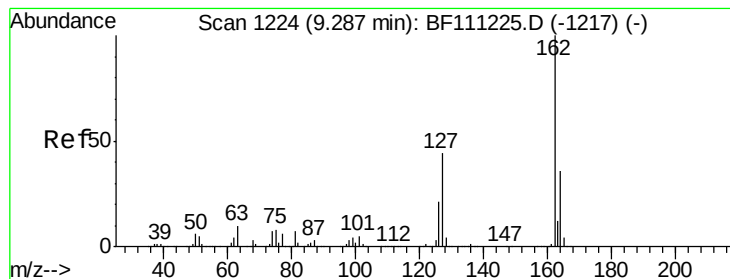
Ion Ratio Lower Upper

154 100

153 43.7 23.7 63.7

76 14.8 0.0 35.0





#47

2-Chloronaphthalene

Concen: 40.787 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

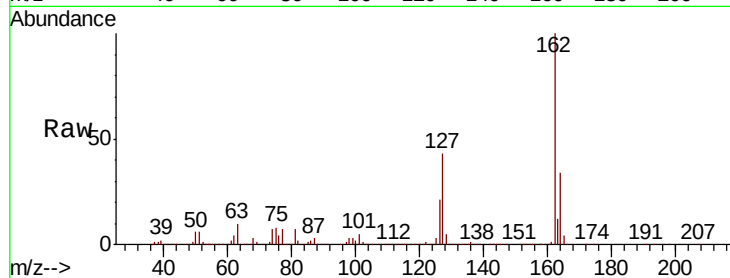
Tgt Ion: 162 Resp: 2594665

Ion Ratio Lower Upper

162 100

127 42.8 35.0 52.4

164 34.5 28.4 42.6

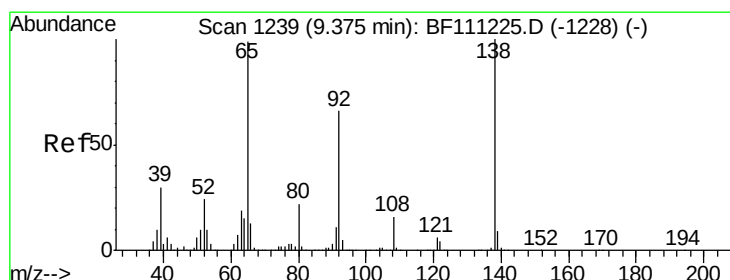
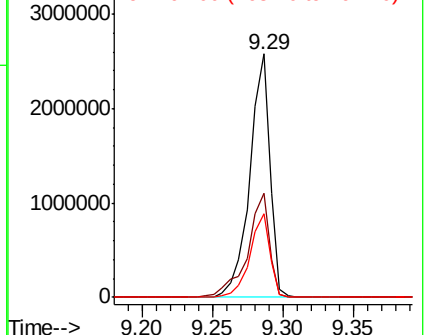
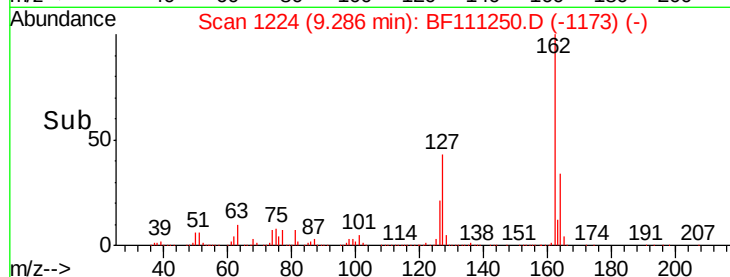


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.565 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

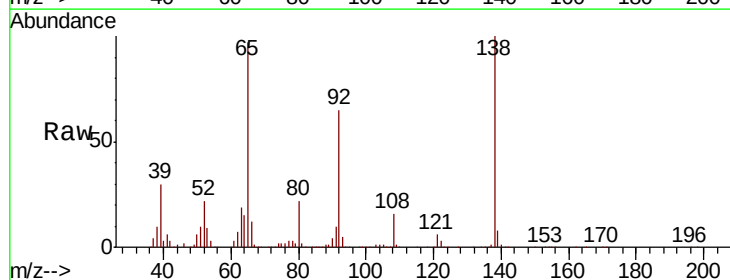
Tgt Ion: 65 Resp: 923696

Ion Ratio Lower Upper

65 100

92 67.7 53.5 80.3

138 103.6 80.9 121.3

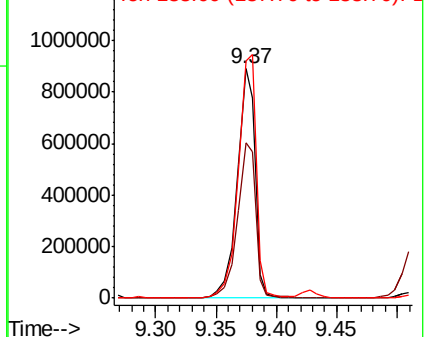
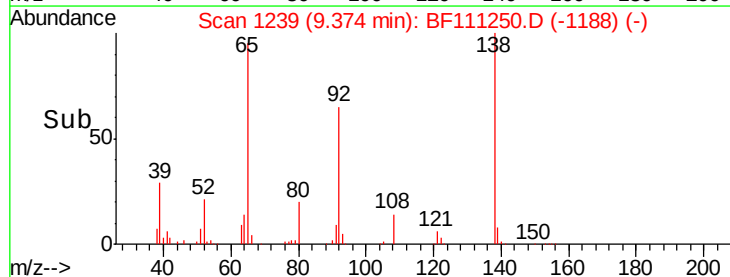


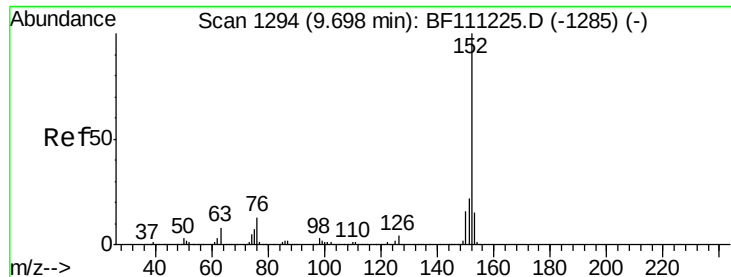
Abundance

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: 43.197 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

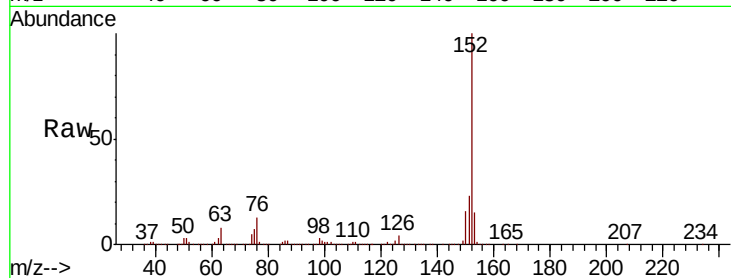
Tgt Ion:152 Resp: 3989317

Ion Ratio Lower Upper

152 100

151 22.5 18.0 27.0

153 14.7 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

5000000 Ion 151.00 (150.70 to 151.70): E

4000000 Ion 153.00 (152.70 to 153.70): E

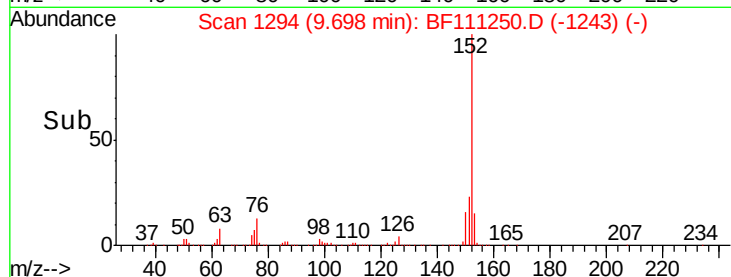
3000000

2000000

1000000

0

Time-->

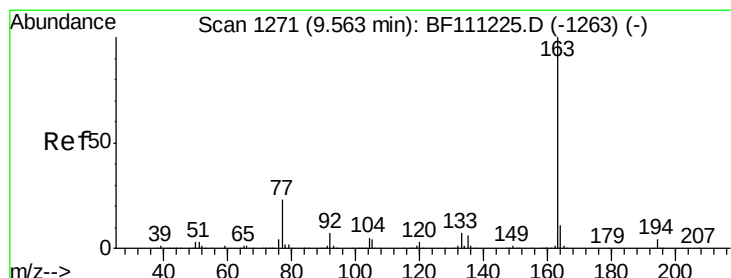


9.70

9.65

9.70

9.75



#50

Dimethylphthalate

Concen: 41.175 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

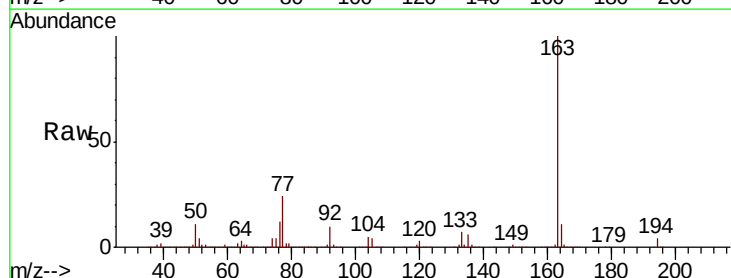
Tgt Ion:163 Resp: 2953751

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 11.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

4000000 Ion 194.00 (193.70 to 194.70): E

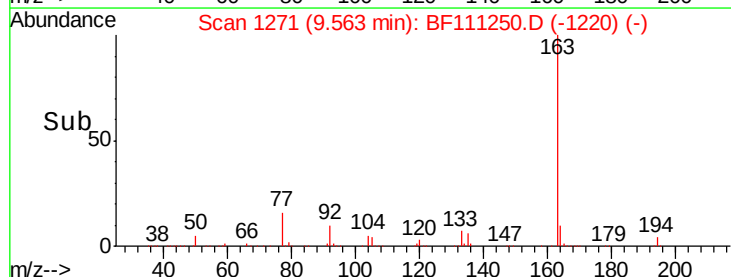
3000000 Ion 164.00 (163.70 to 164.70): E

2000000

1000000

0

Time-->

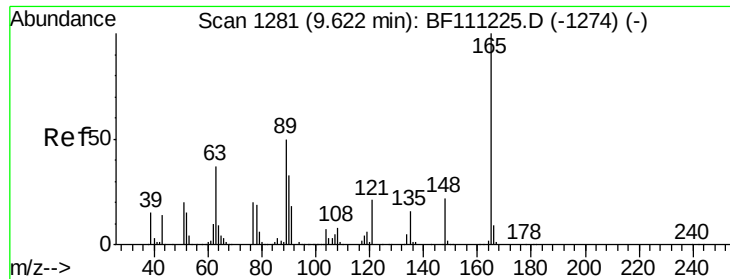


9.56

9.50

9.55

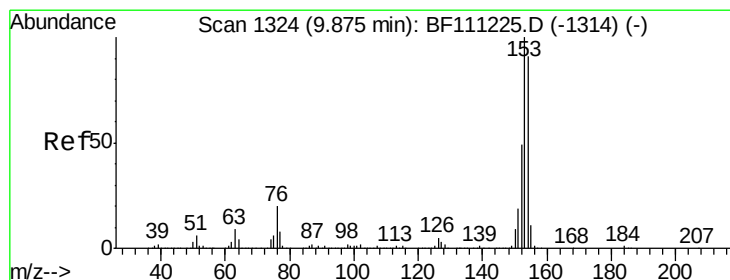
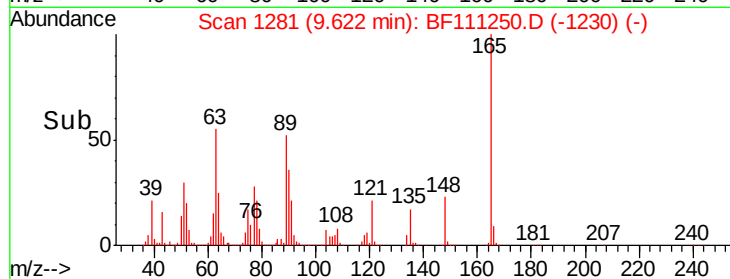
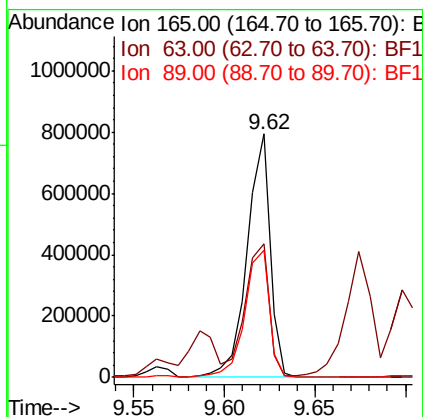
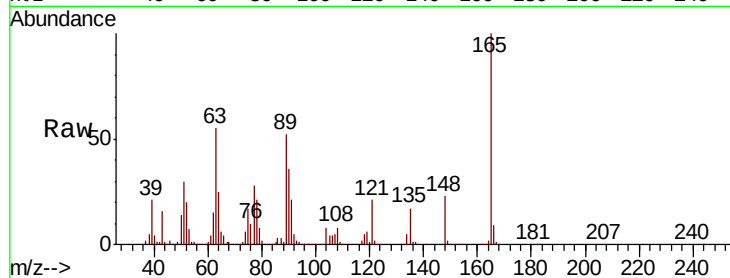
9.60



#51
 2,6-Dinitrotoluene
 Concen: 44.208 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

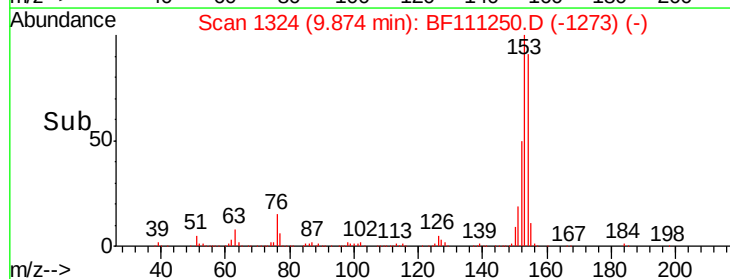
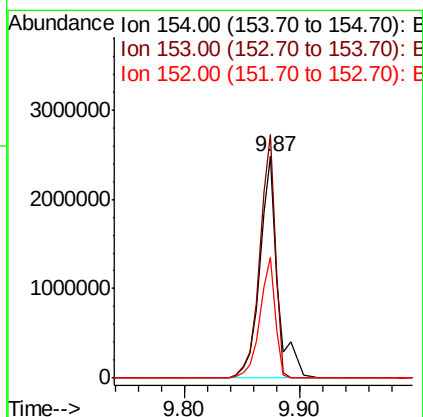
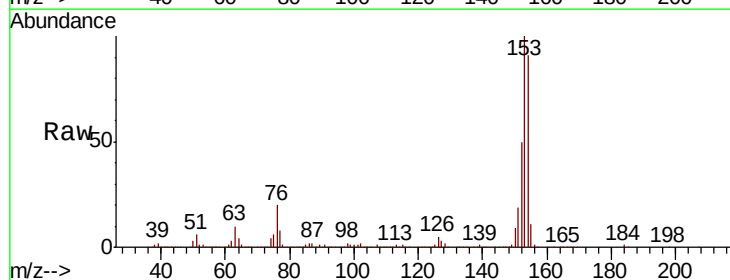
Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

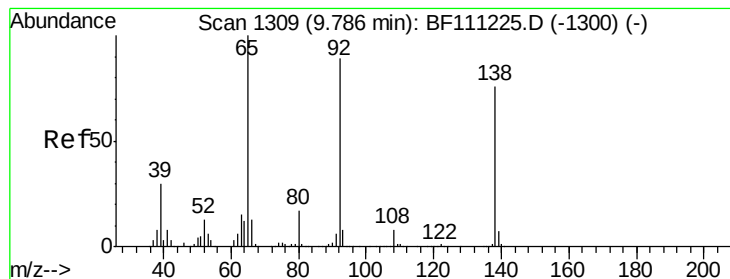
Tgt Ion:165 Resp: 700353
 Ion Ratio Lower Upper
 165 100
 63 55.0 40.5 60.7
 89 52.2 40.0 60.0



#52
 Acenaphthene
 Concen: 46.353 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:154 Resp: 2686344
 Ion Ratio Lower Upper
 154 100
 153 110.0 87.8 131.8
 152 54.8 43.4 65.2





#53

3-Nitroaniline

Concen: 29.119 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

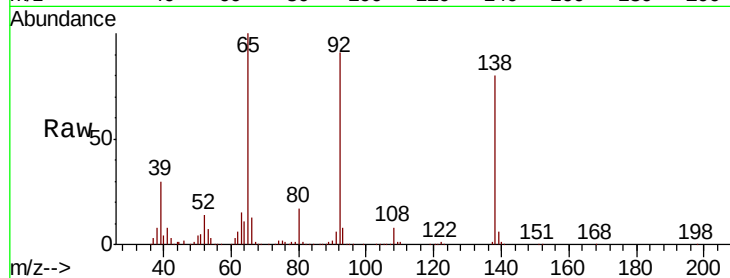
Tgt Ion:138 Resp: 569412

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.4

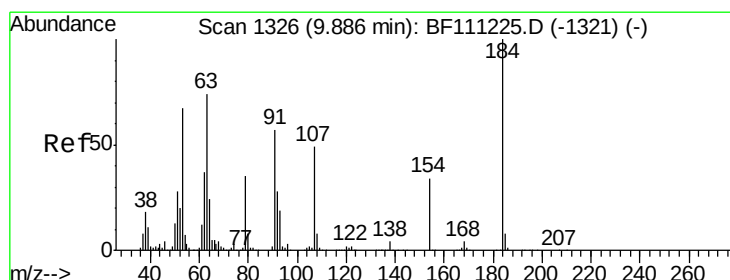
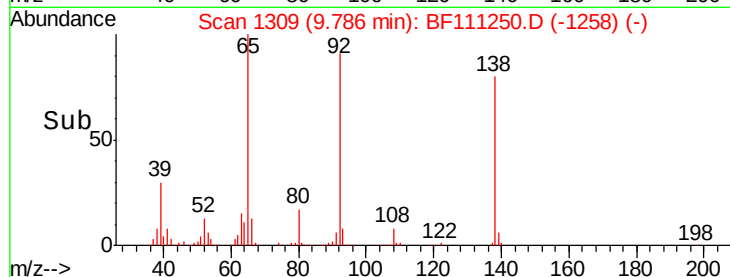
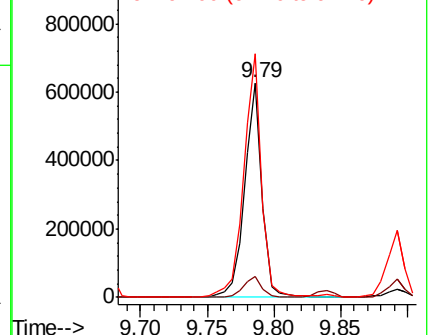
92 113.5 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 93.163 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

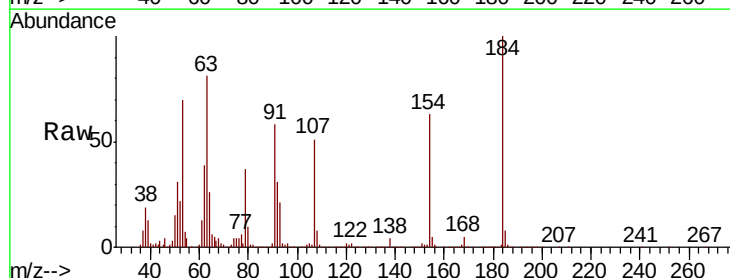
Tgt Ion:184 Resp: 583232

Ion Ratio Lower Upper

184 100

63 81.4 62.3 93.5

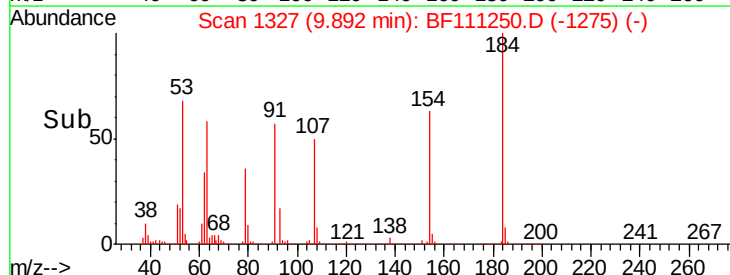
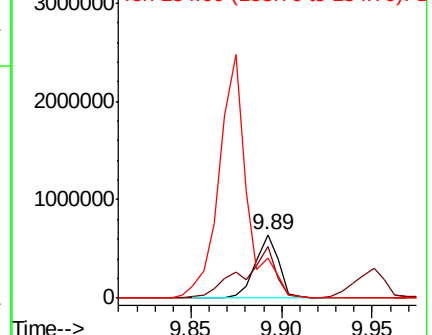
154 63.4 56.2 84.2

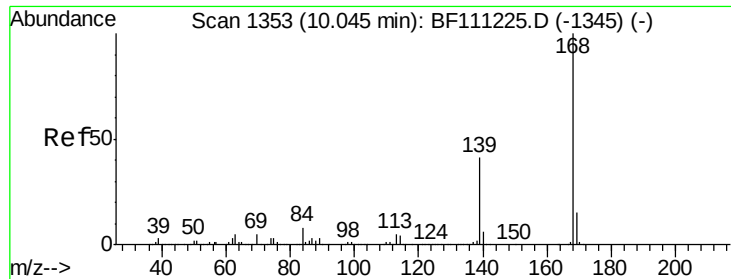


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

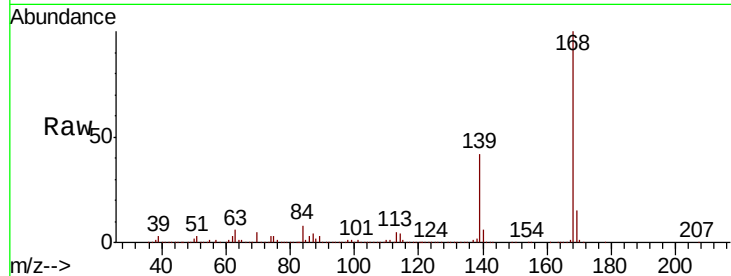




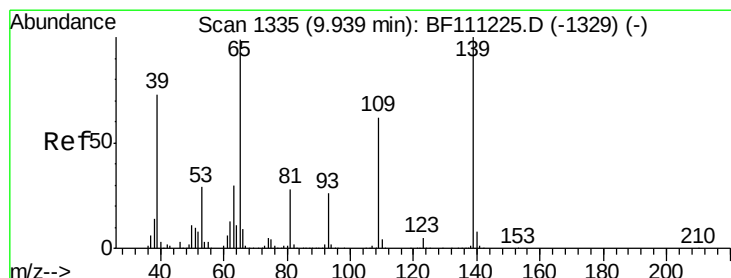
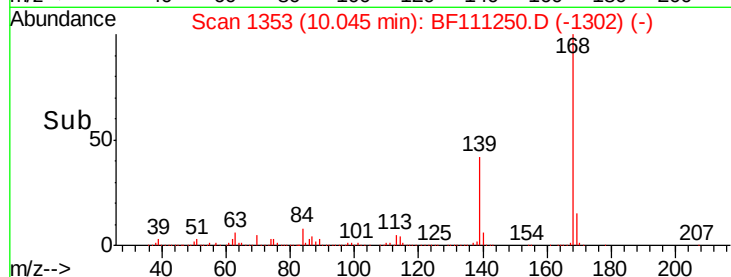
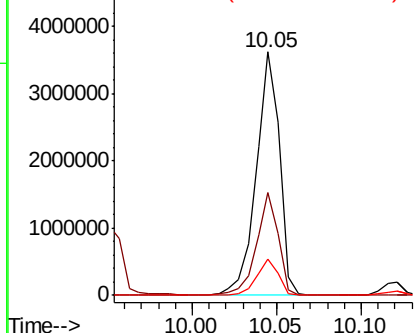
#55
Dibenzofuran
Concen: 44.051 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:168 Resp: 3473160
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 14.9 11.8 17.6

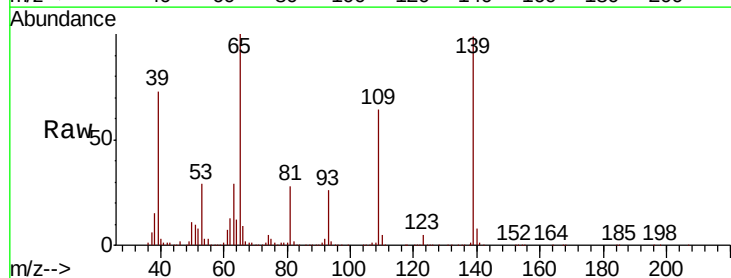


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

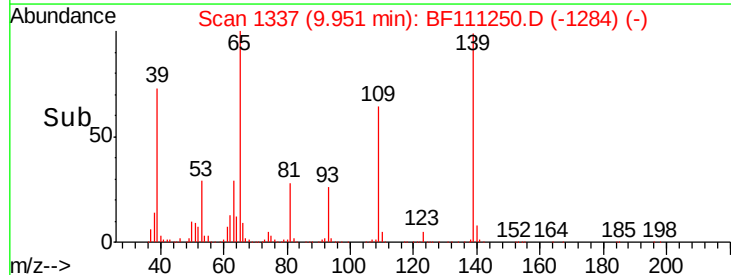
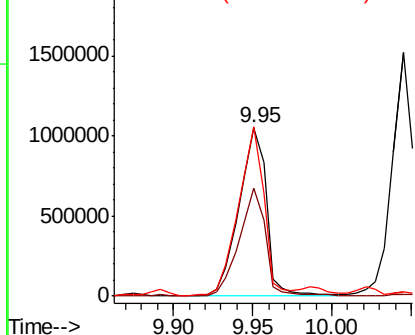


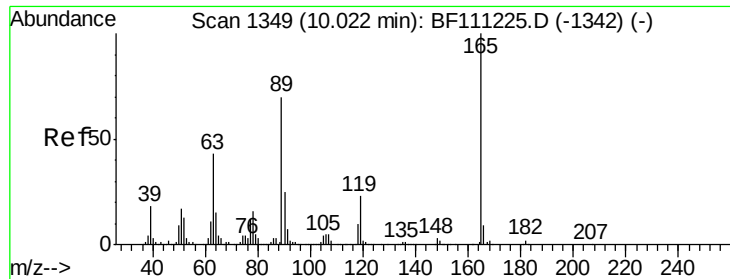
#56
4-Nitrophenol
Concen: 82.515 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:139 Resp: 1256664
Ion Ratio Lower Upper
139 100
109 64.2 41.8 81.8
65 100.8 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

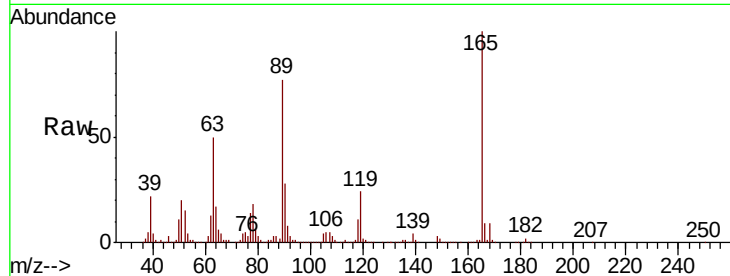




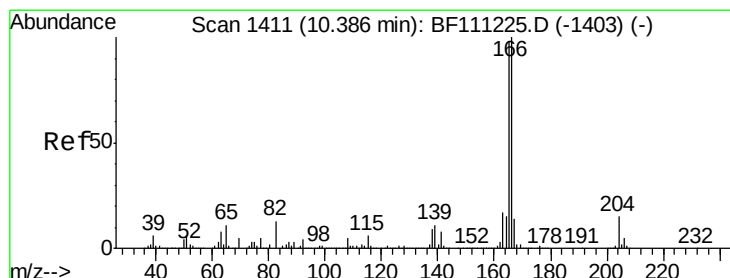
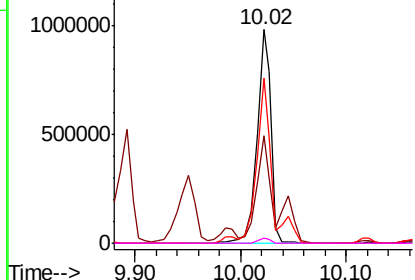
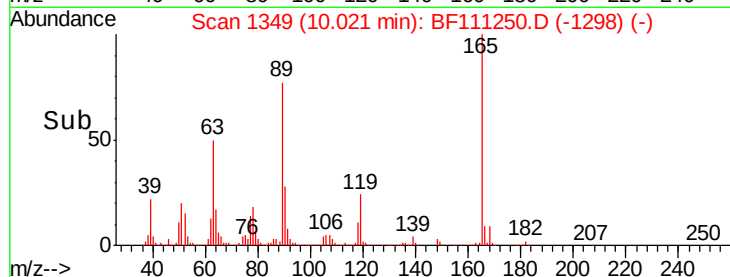
#57
 2,4-Dinitrotoluene
 Concen: 46.916 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tgt Ion:165 Resp: 916269
 Ion Ratio Lower Upper
 165 100
 63 50.4 34.6 52.0
 89 77.3 56.2 84.4
 182 2.4 1.8 2.6

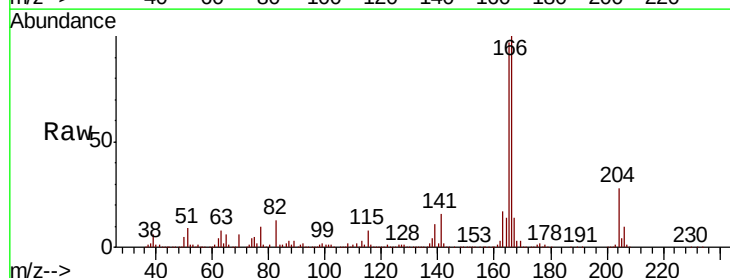


Abundance Ion 165.00 (164.70 to 165.70): E
 1500000 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

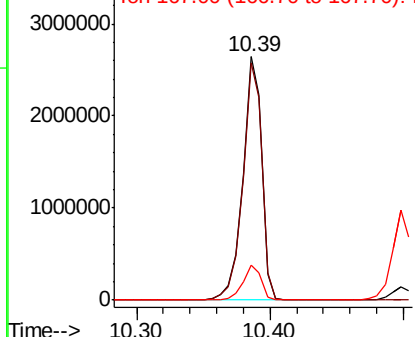
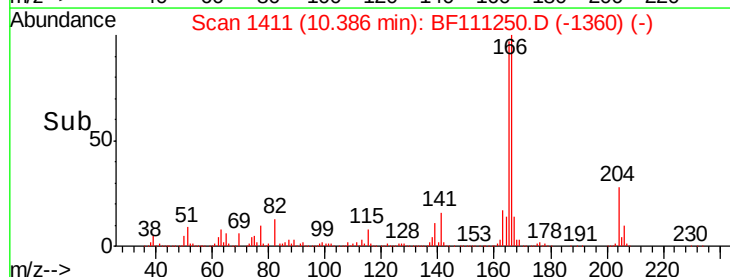


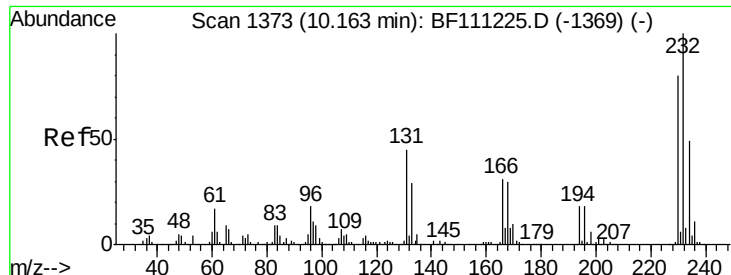
#58
 Fluorene
 Concen: 42.094 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:166 Resp: 2568291
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.4 117.6
 167 14.4 11.2 16.8



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

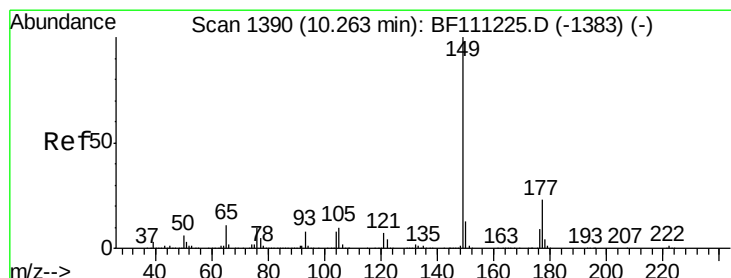
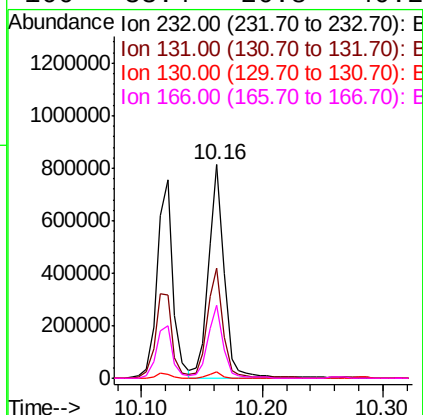
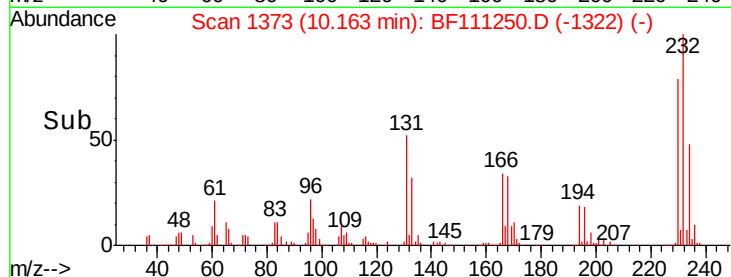
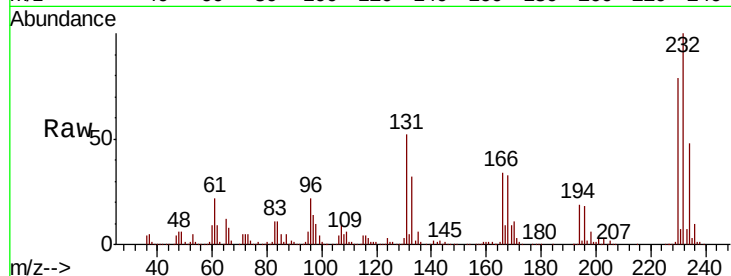




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.419 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

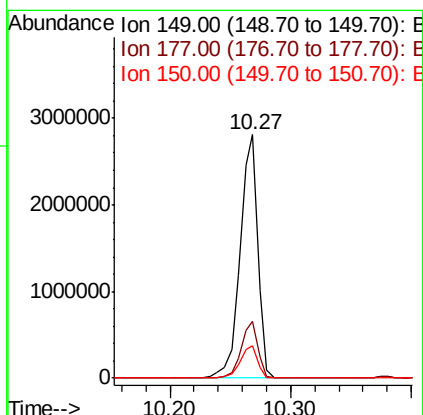
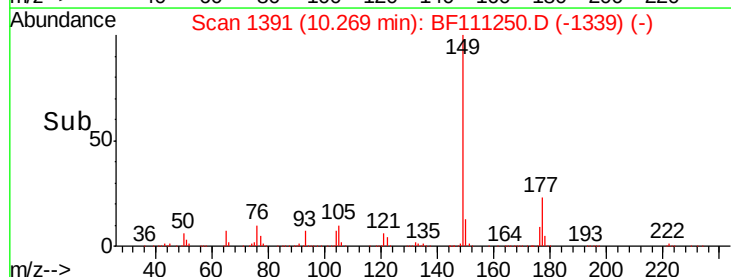
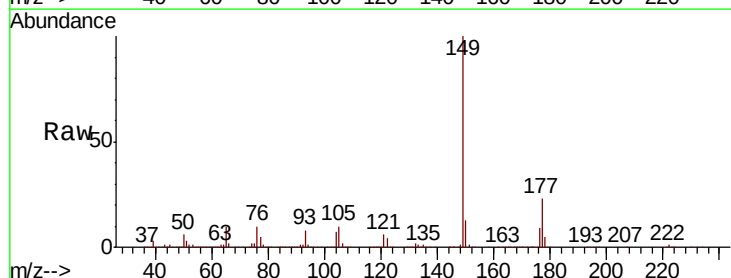
Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

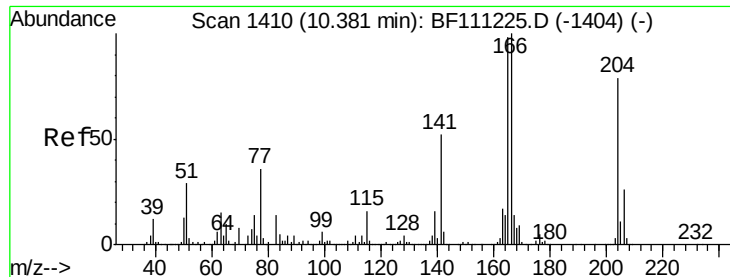
Tgt Ion:	232	Resp:	728261
Ion	Ratio	Lower	Upper
232	100		
131	51.7	40.9	61.3
130	2.4	2.0	3.0
166	33.4	26.8	40.2



#60
 Diethylphthalate
 Concen: 41.948 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:	149	Resp:	2868881
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	13.3	10.6	15.8

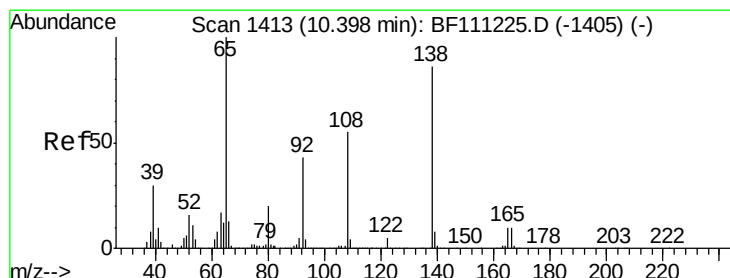
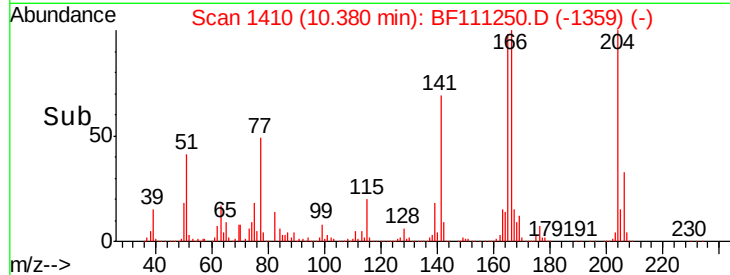
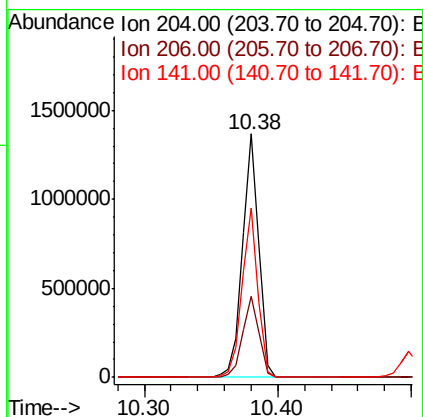
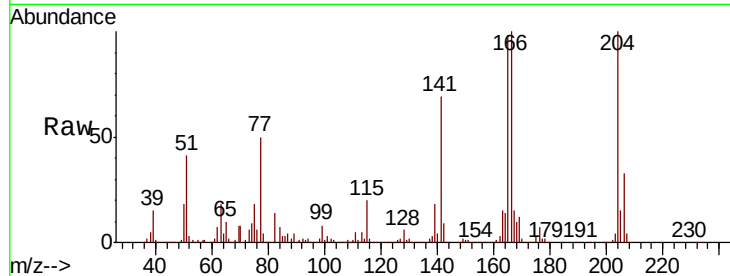




#61
 4-Chlorophenyl-phenylether
 Concen: 38.342 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

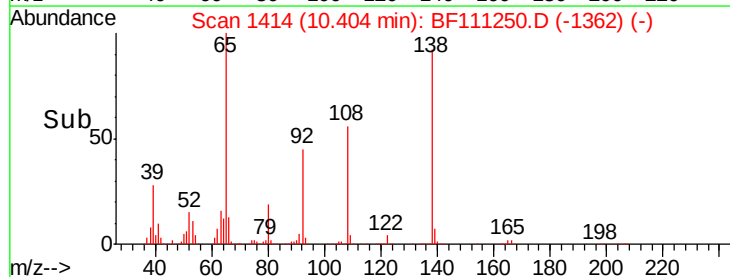
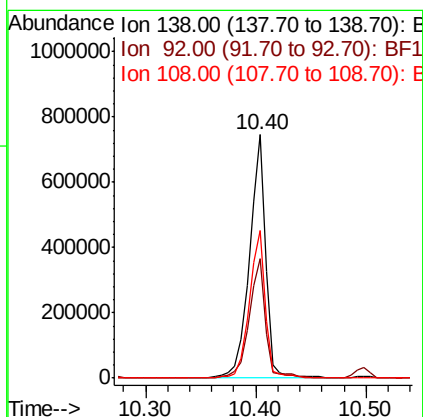
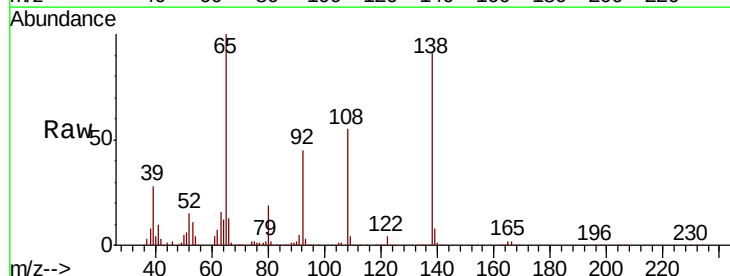
Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

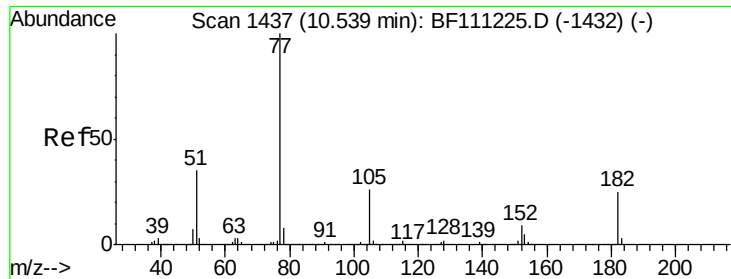
Tgt Ion:204 Resp: 1161505
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.6 39.8
 141 69.6 52.6 78.8



#62
 4-Nitroaniline
 Concen: 41.713 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:138 Resp: 771776
 Ion Ratio Lower Upper
 138 100
 92 49.2 29.9 69.9
 108 60.8 43.2 83.2





#63

Azobenzene

Concen: 41.895 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tgt Ion: 77 Resp: 2974765

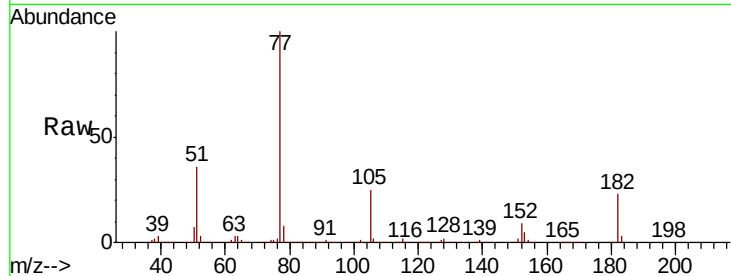
Ion Ratio Lower Upper

77 100

182 23.3 4.9 44.9

105 25.0 6.0 46.0

51 35.6 14.7 54.7

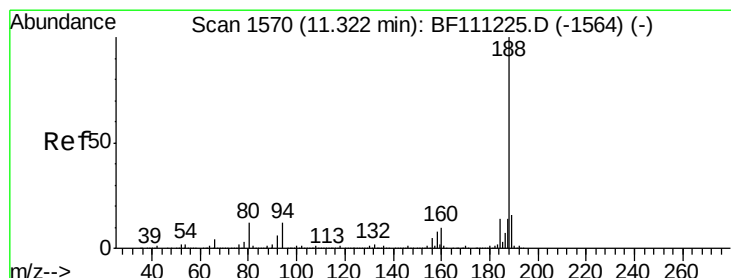
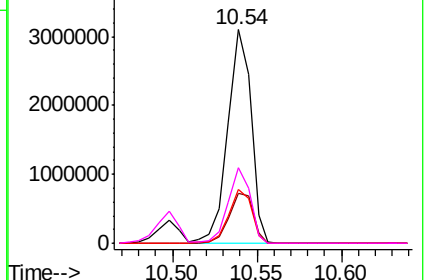
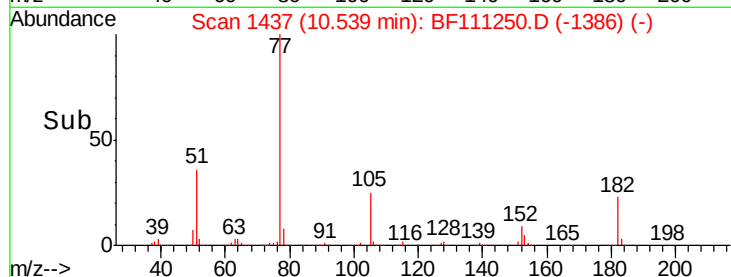


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF111250.D

Acq: 10 Dec 2018 18:57

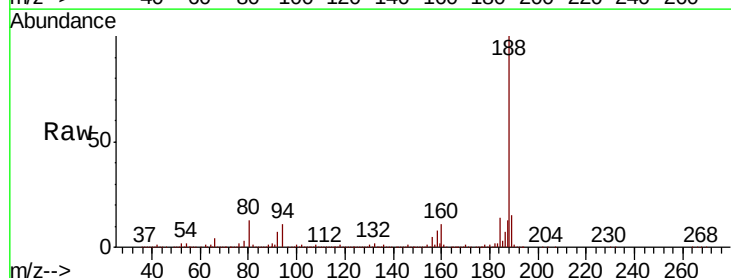
Tgt Ion: 188 Resp: 1637976

Ion Ratio Lower Upper

188 100

94 11.2 9.6 14.4

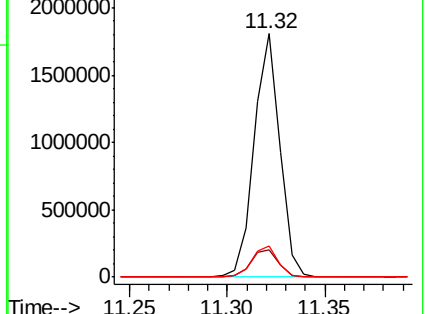
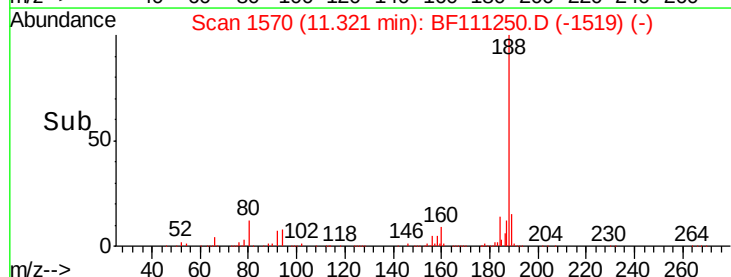
80 12.7 9.8 14.6

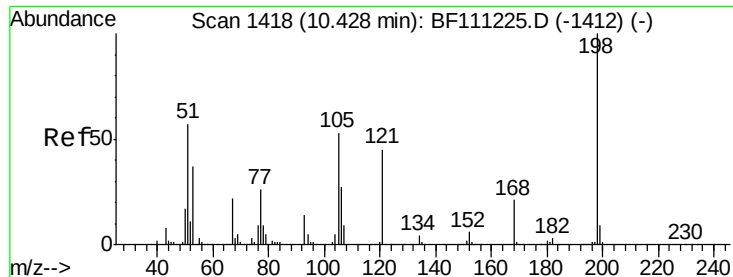


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

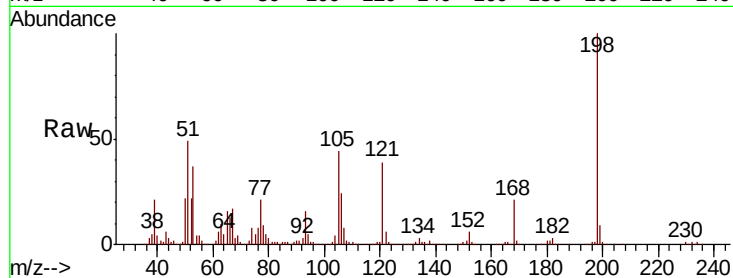




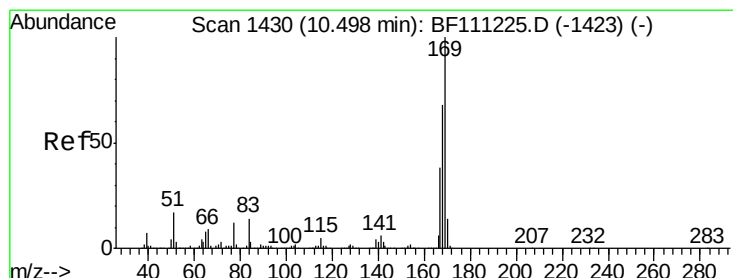
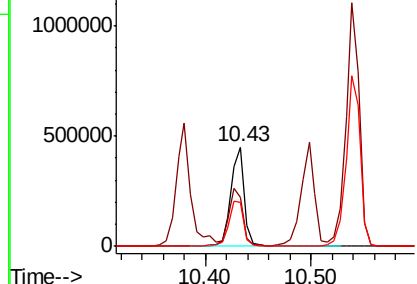
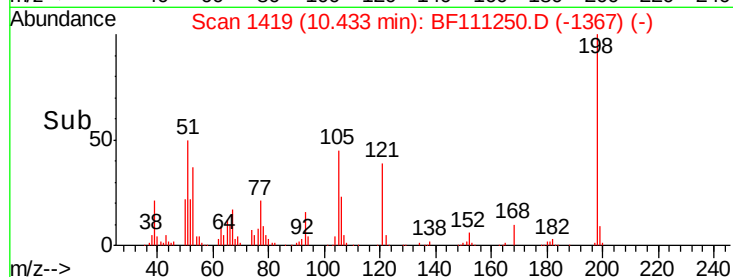
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.705 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tgt Ion:198 Resp: 393226
 Ion Ratio Lower Upper
 198 100
 51 49.4 48.0 88.0
 105 44.4 34.0 74.0

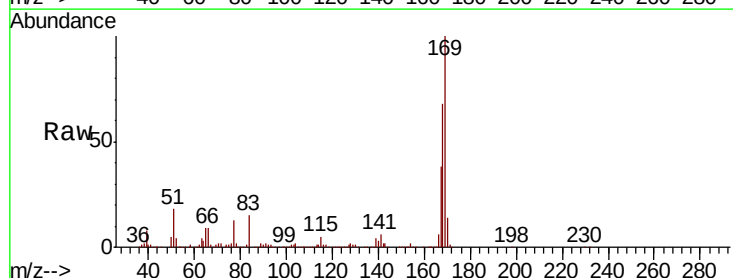


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

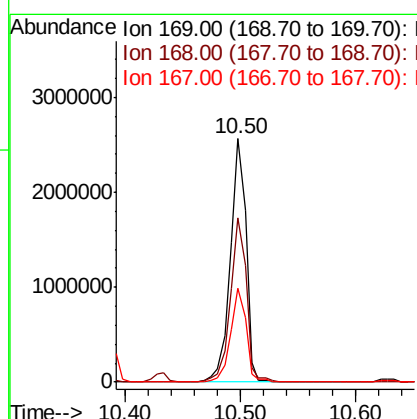
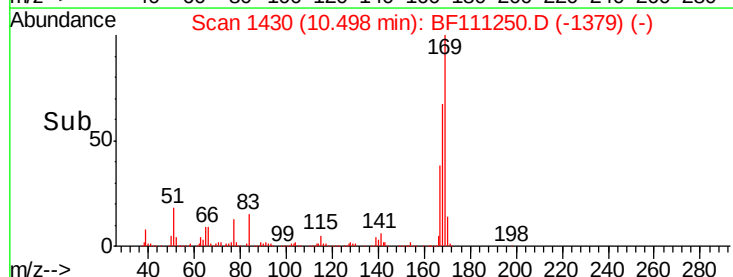


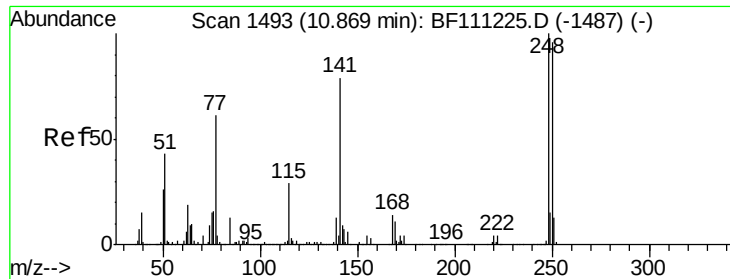
#66
 n-Nitrosodiphenylamine
 Concen: 43.296 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:169 Resp: 2414066
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 38.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

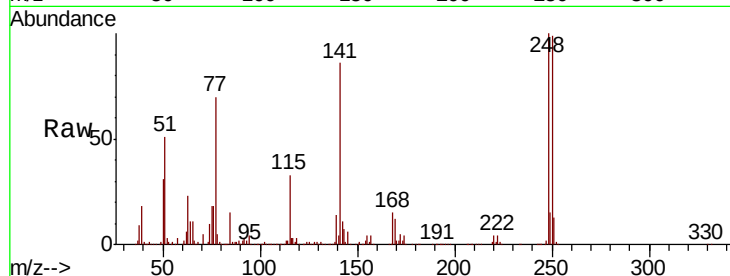




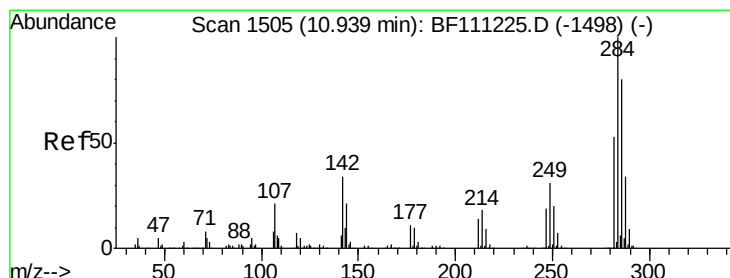
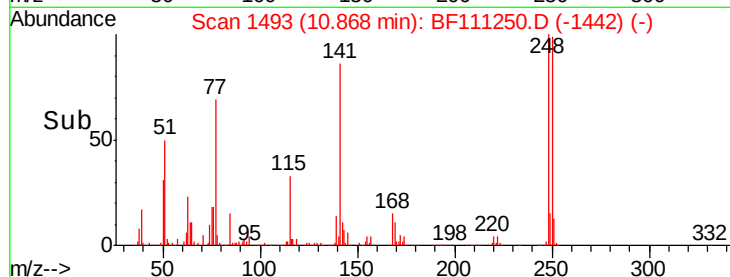
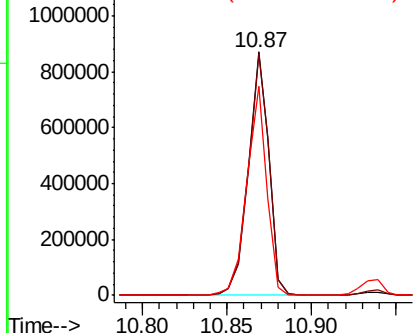
#67
4-Bromophenyl-phenylether
Concen: 41.586 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:248 Resp: 746068
Ion Ratio Lower Upper
248 100
250 99.1 77.0 115.4
141 85.8 63.0 94.6

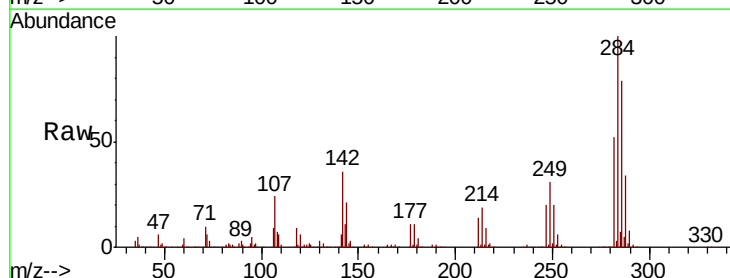


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

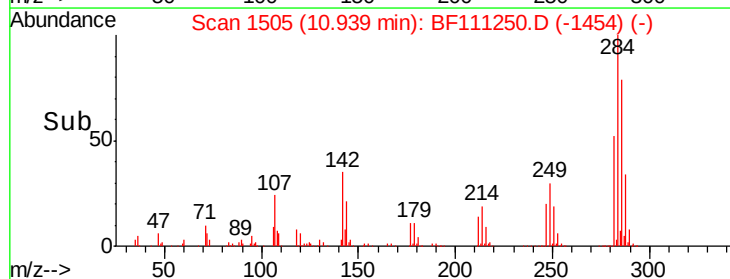
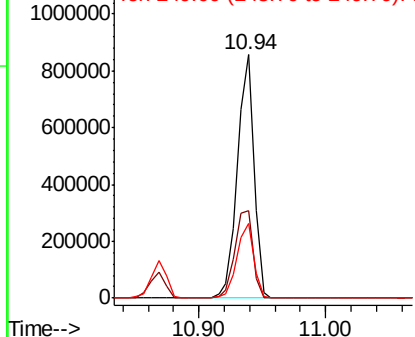


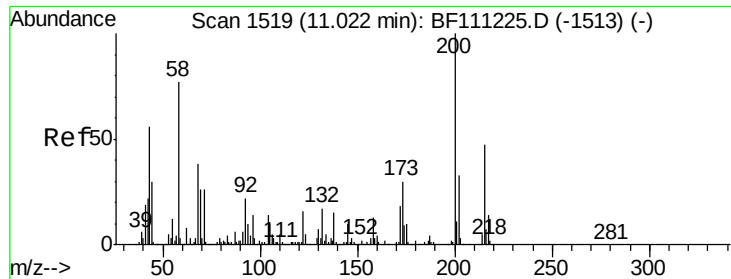
#68
Hexachlorobenzene
Concen: 41.912 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:284 Resp: 764902
Ion Ratio Lower Upper
284 100
142 35.8 27.4 41.2
249 30.6 24.4 36.6



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





#69

Atrazine

Concen: 43.253 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

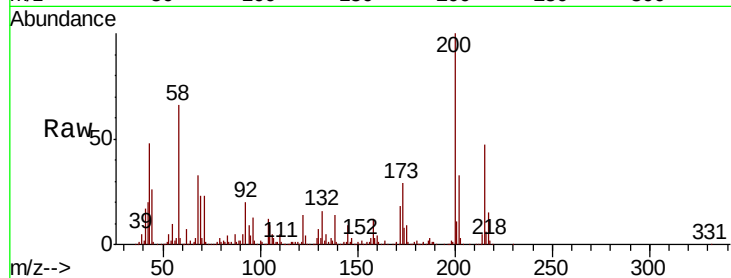
Tgt Ion:200 Resp: 733380

Ion Ratio Lower Upper

200 100

173 29.0 10.1 50.1

215 46.7 26.9 66.9

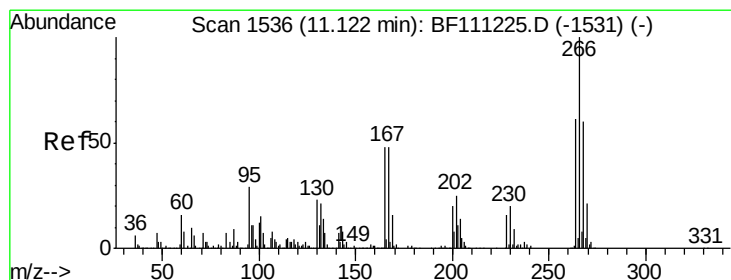
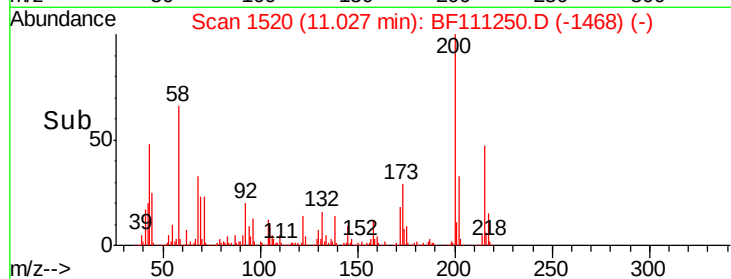
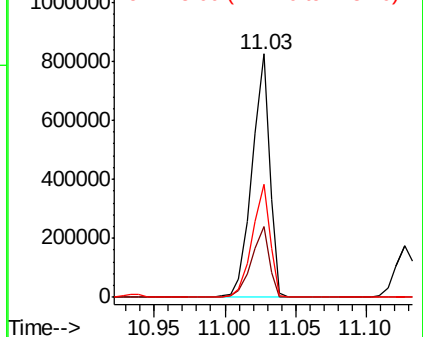


Abundance

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: 68.964 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

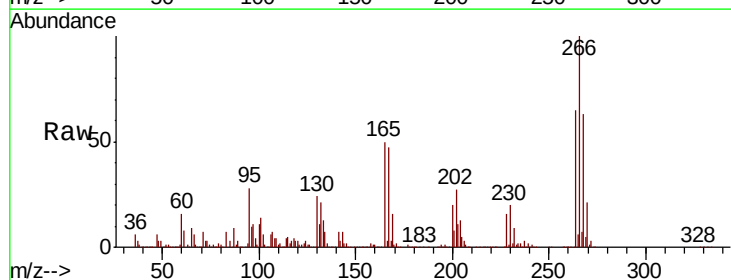
Tgt Ion:266 Resp: 913044

Ion Ratio Lower Upper

266 100

268 62.5 47.9 71.9

264 64.6 49.1 73.7

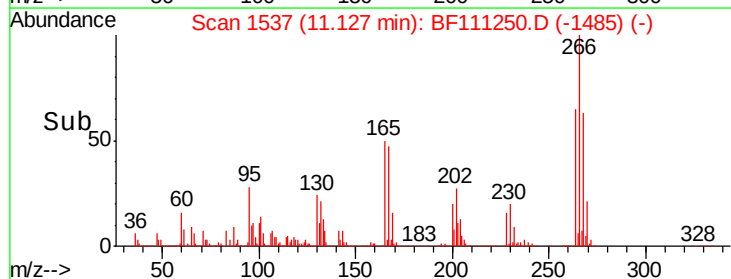
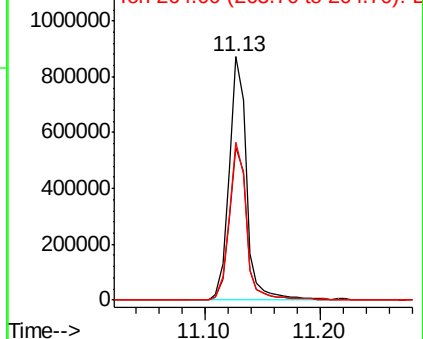


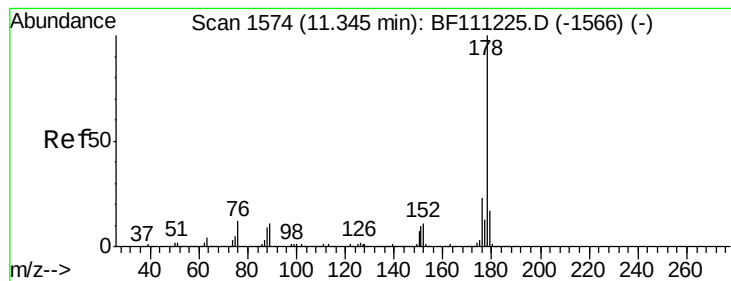
Abundance

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: 43.511 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

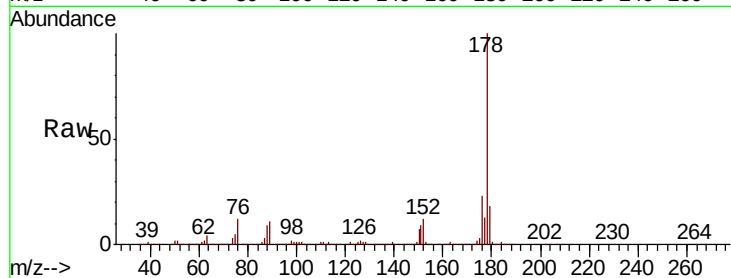
Tgt Ion:178 Resp: 3594814

Ion Ratio Lower Upper

178 100

176 22.5 18.1 27.1

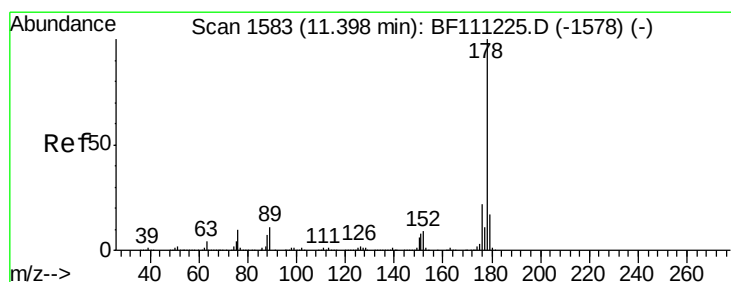
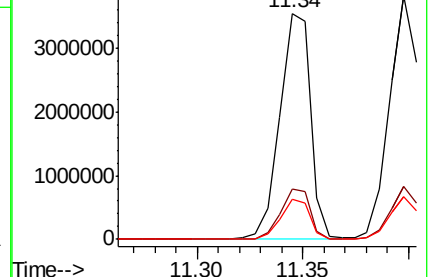
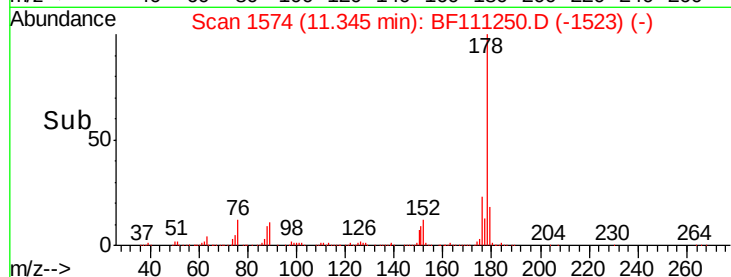
179 17.8 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.471 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

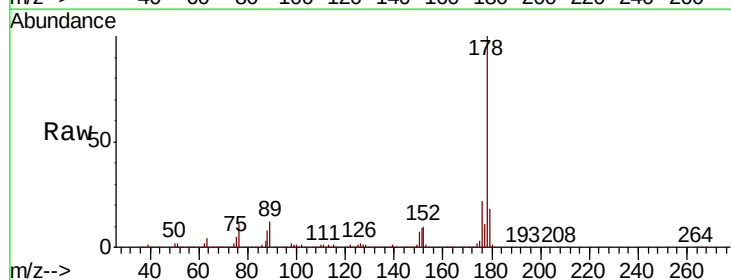
Tgt Ion:178 Resp: 3671026

Ion Ratio Lower Upper

178 100

176 21.6 17.2 25.8

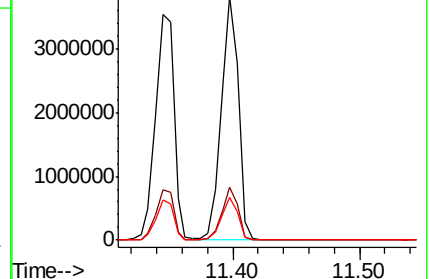
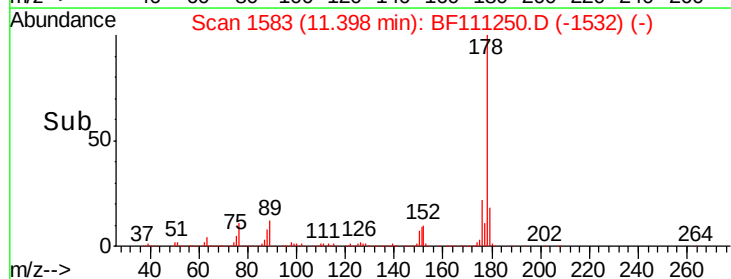
179 17.6 13.8 20.8

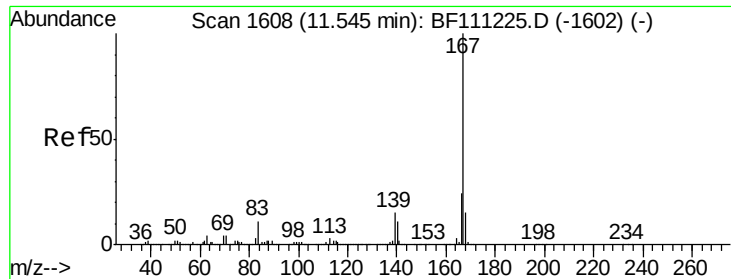


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

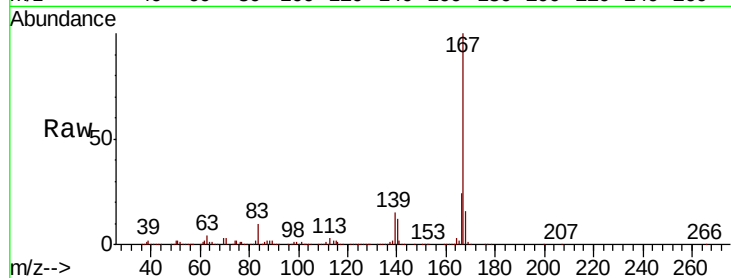




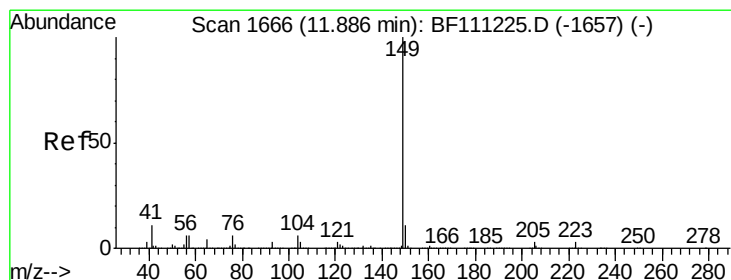
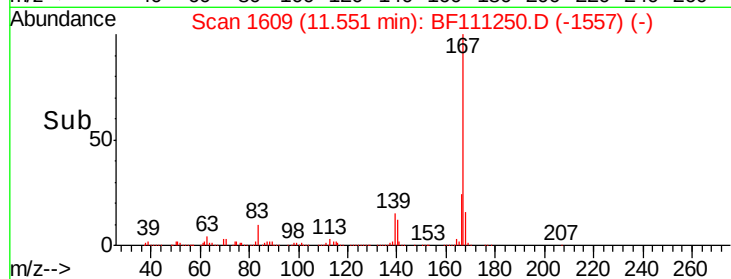
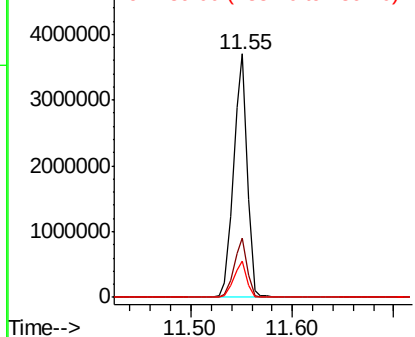
#73
 Carbazole
 Concen: 38.321 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tgt Ion:167 Resp: 3463441
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.3 28.9
 139 15.0 11.9 17.9

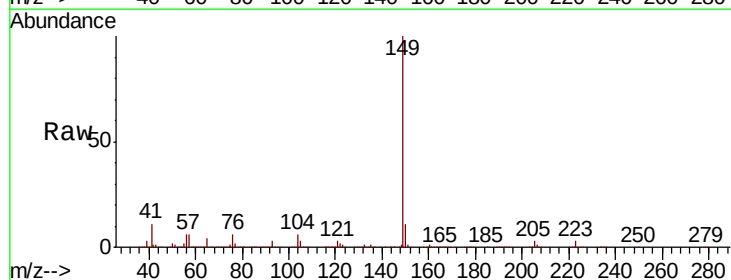


Abundance Ion 167.00 (166.70 to 167.70): E
 5000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

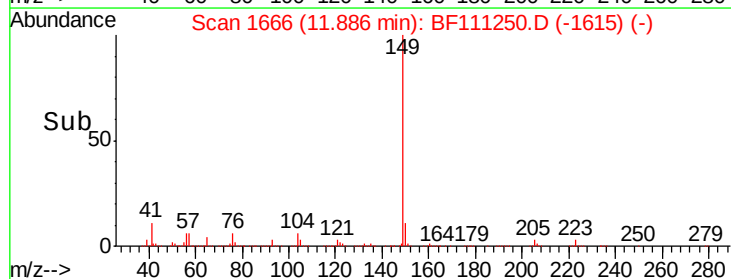
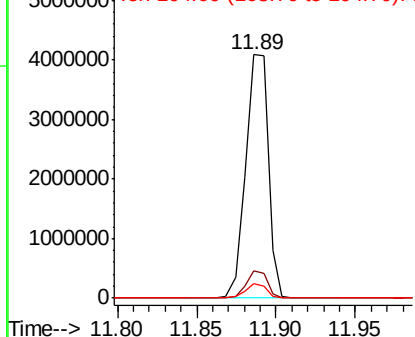


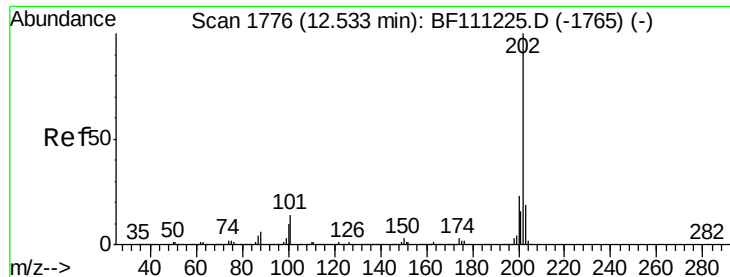
#74
 Di-n-butylphthalate
 Concen: 43.473 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:149 Resp: 4038556
 Ion Ratio Lower Upper
 149 100
 150 11.2 8.8 13.2
 104 5.8 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 5000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.273 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

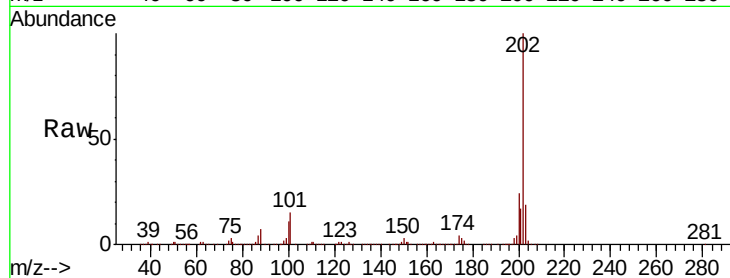
Tgt Ion:202 Resp: 3567744

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.8

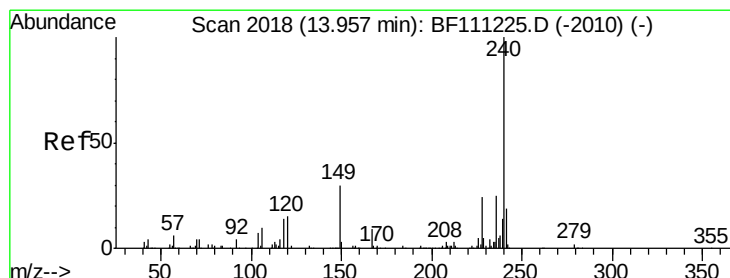
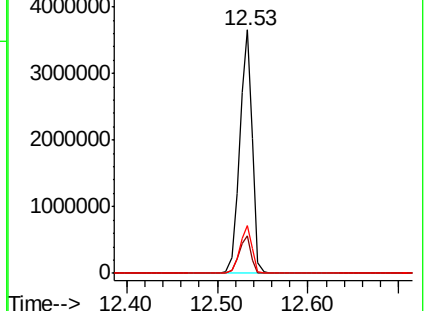
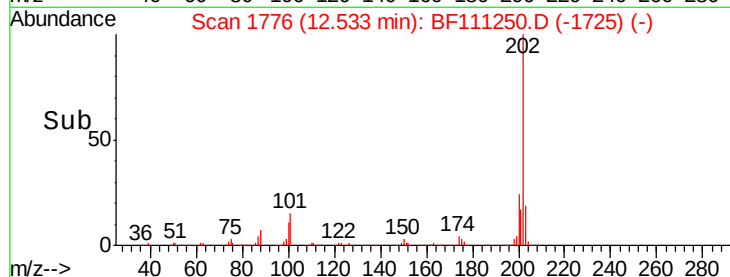
203 19.4 0.0 38.6



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# 1818

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

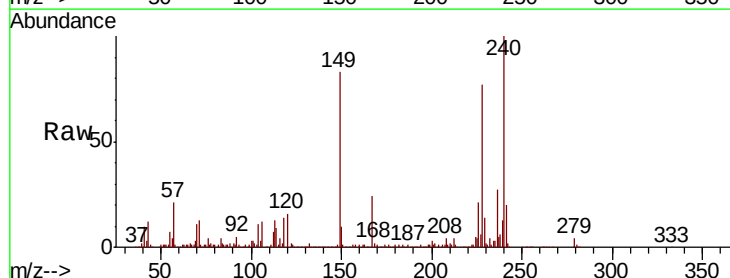
Tgt Ion:240 Resp: 1020077

Ion Ratio Lower Upper

240 100

120 16.3 12.2 18.2

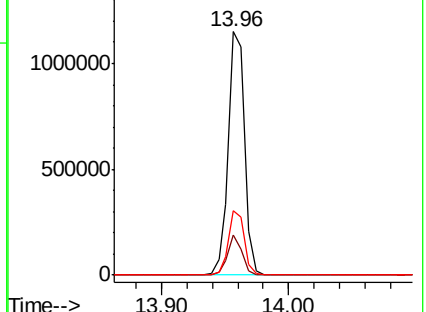
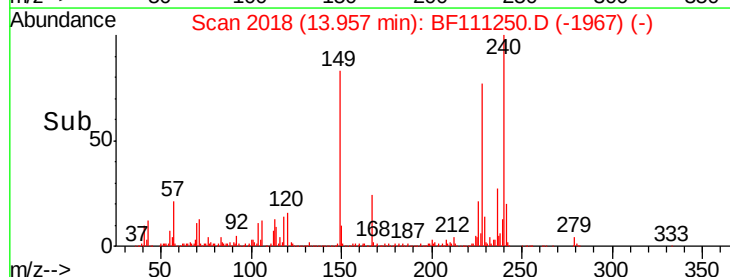
236 26.7 20.2 30.2

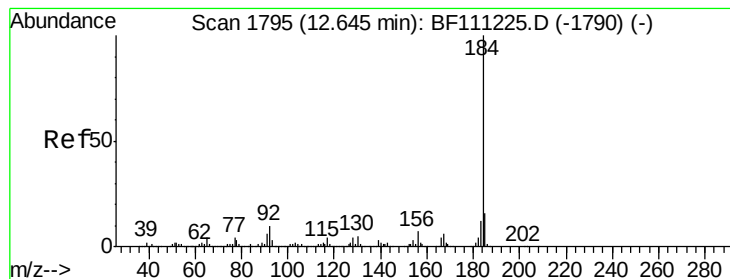


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.048 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

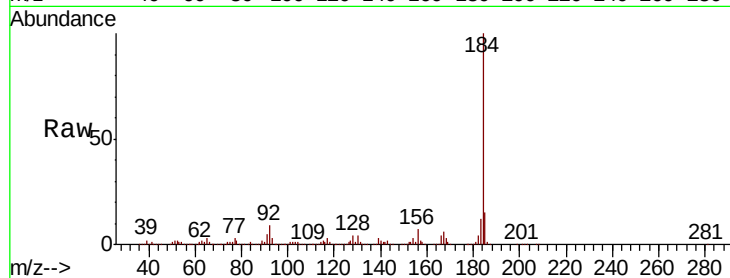
Tgt Ion:184 Resp: 1515872

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

183 11.8 9.3 13.9

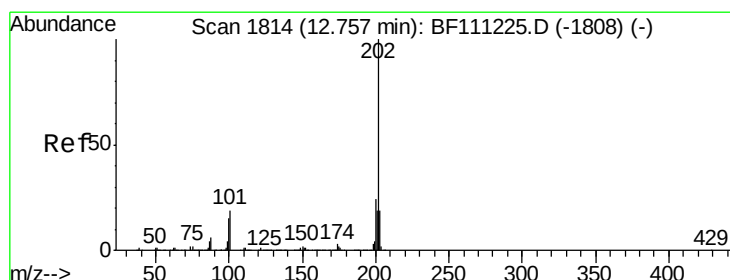
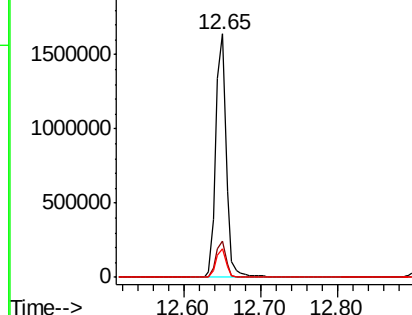
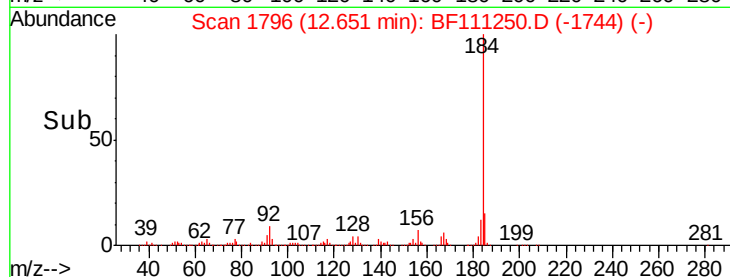


Abundance

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: 48.685 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

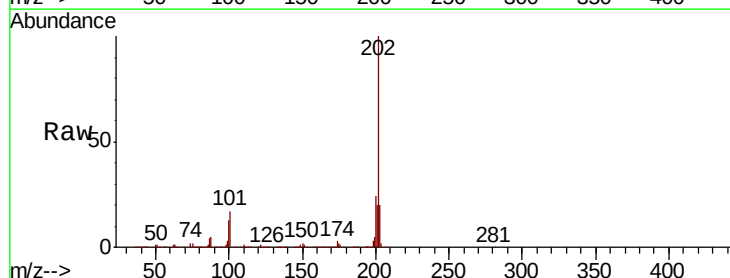
Tgt Ion:202 Resp: 3548934

Ion Ratio Lower Upper

202 100

200 24.0 19.0 28.4

203 19.6 15.2 22.8

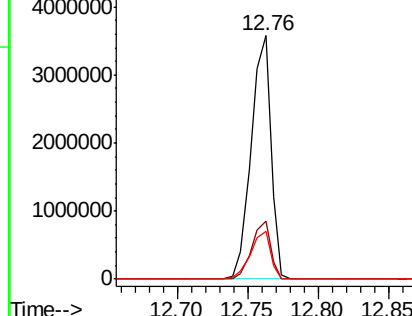
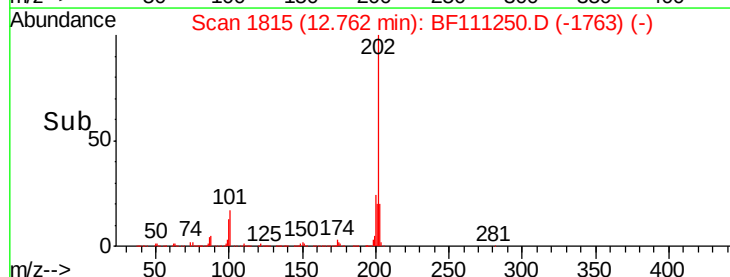


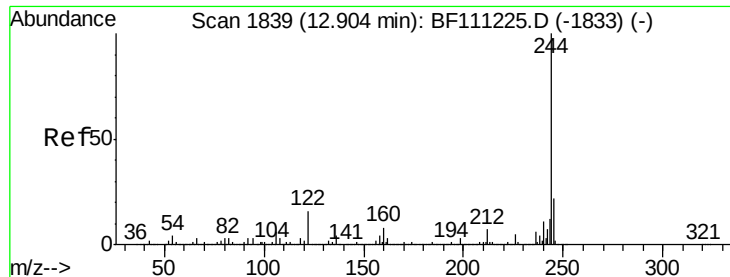
Abundance

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: 85.397 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

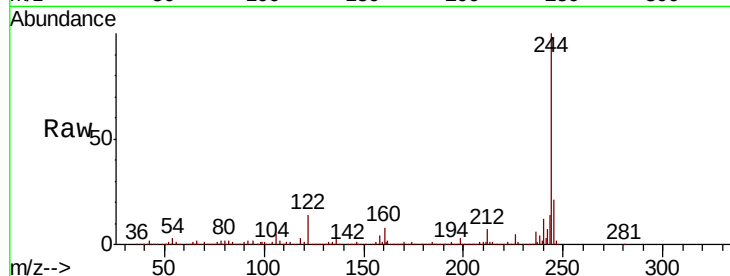
Tgt Ion:244 Resp: 3631709

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

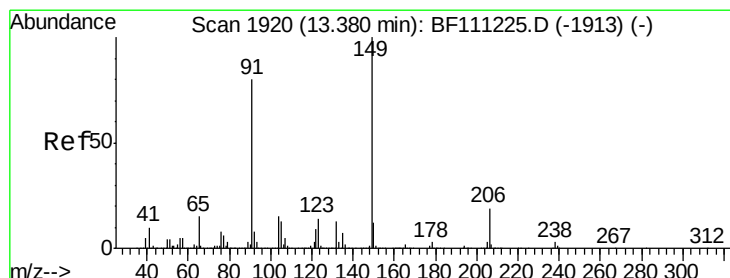
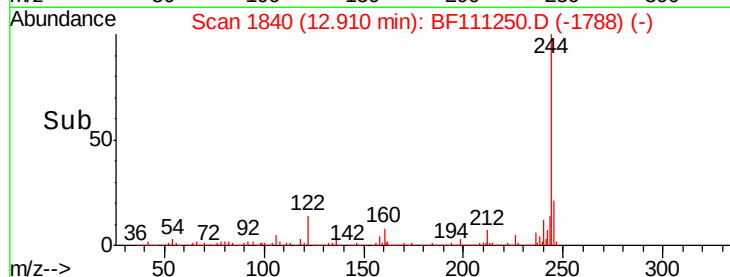
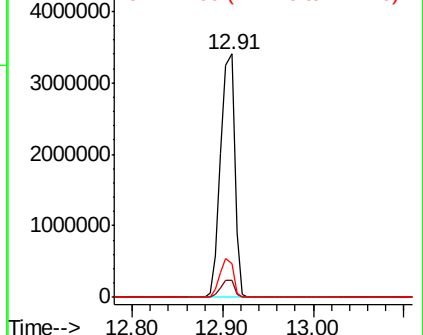
122 13.9 13.1 19.7



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: 46.280 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

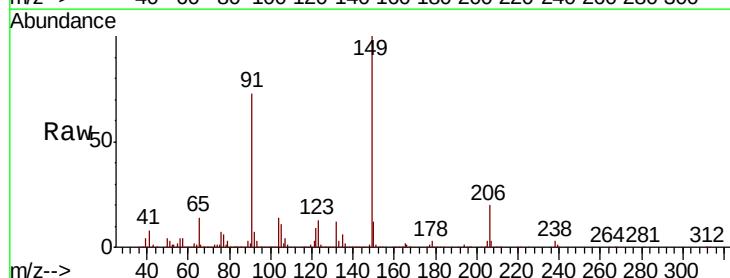
Tgt Ion:149 Resp: 1762099

Ion Ratio Lower Upper

149 100

91 72.6 63.8 95.6

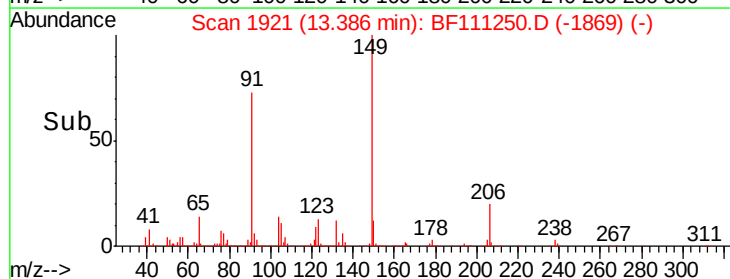
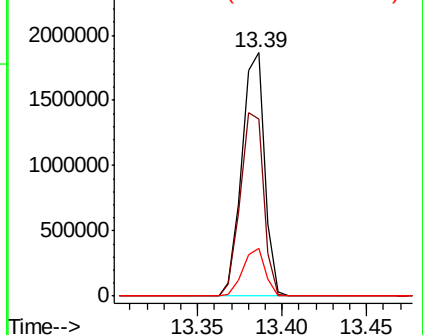
206 19.5 15.1 22.7

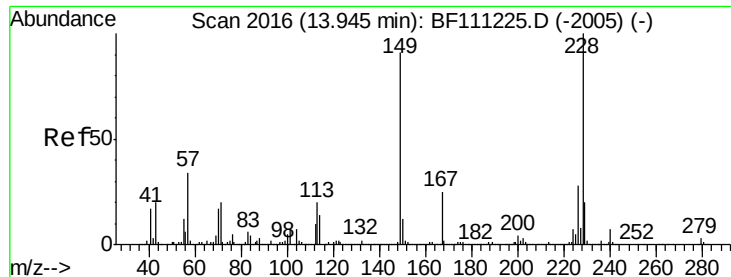


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.310 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

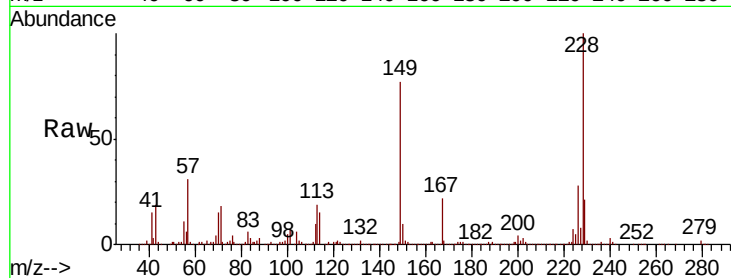
Tgt Ion:228 Resp: 2635466

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

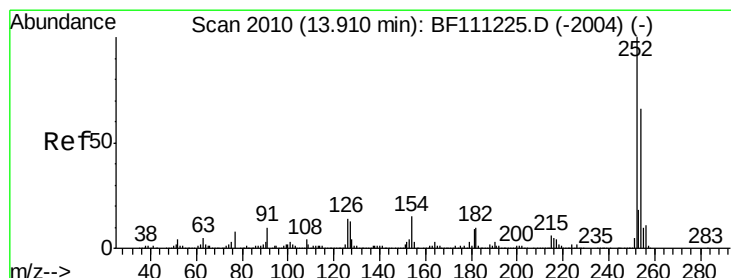
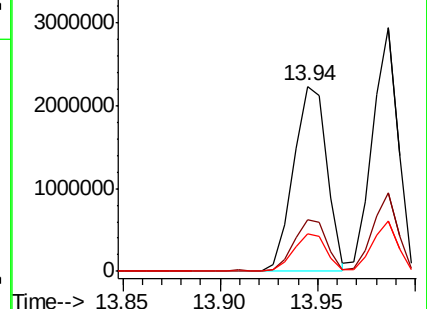
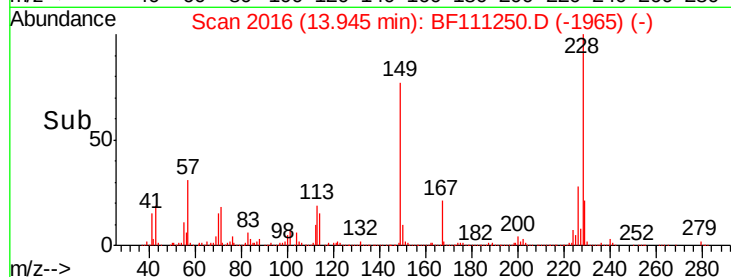
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.613 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

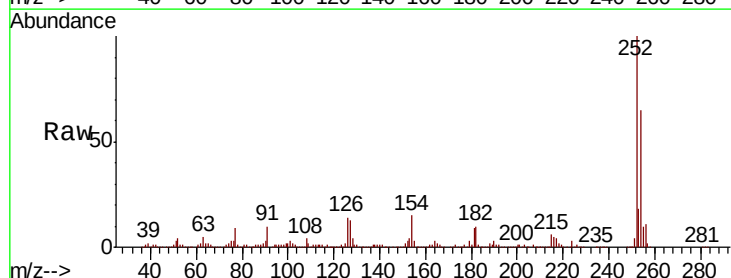
Tgt Ion:252 Resp: 807363

Ion Ratio Lower Upper

252 100

254 65.2 52.7 79.1

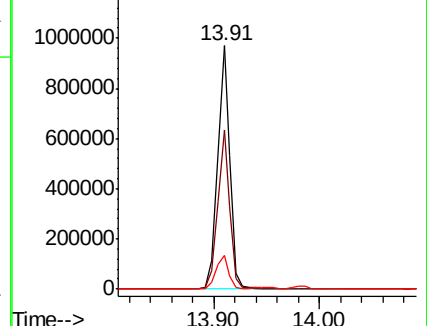
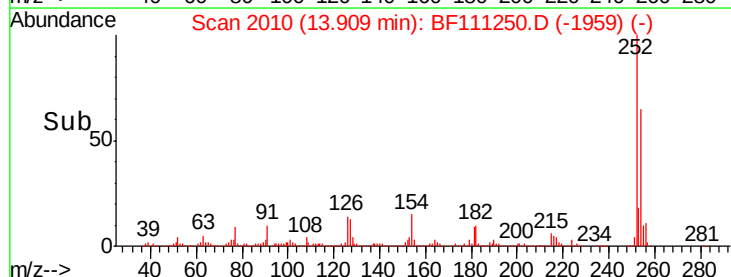
126 13.9 11.1 16.7

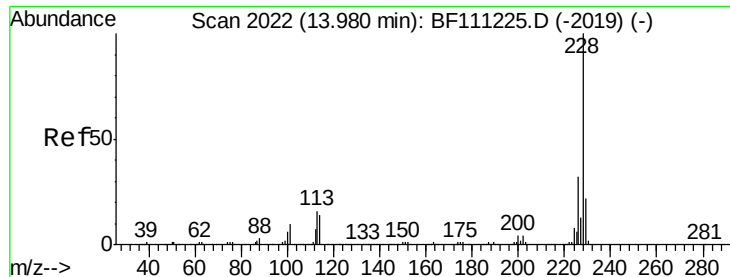


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.607 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

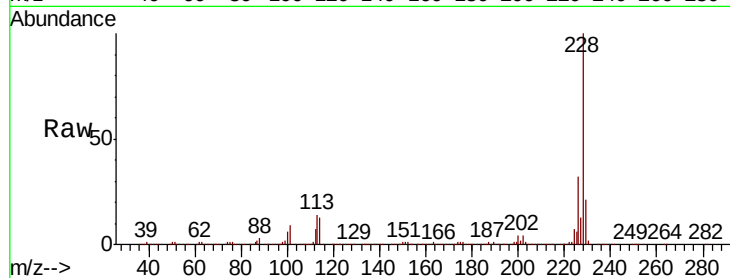
Tgt Ion:228 Resp: 2675740

Ion Ratio Lower Upper

228 100

226 32.4 25.3 37.9

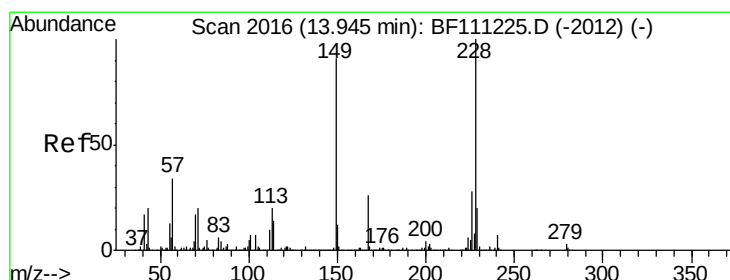
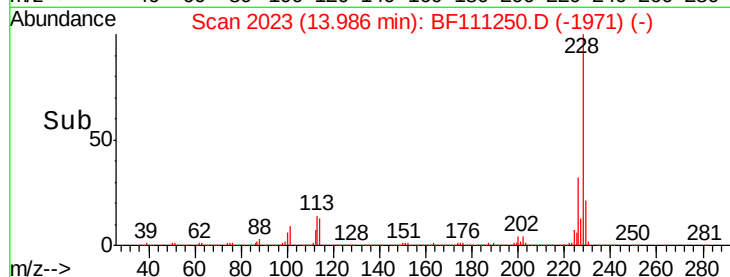
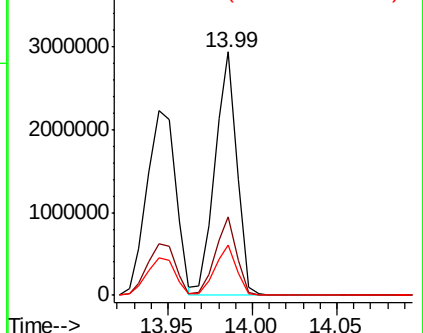
229 20.9 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.226 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

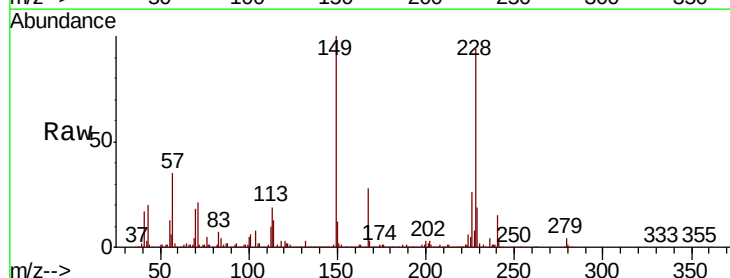
Tgt Ion:149 Resp: 2000900

Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

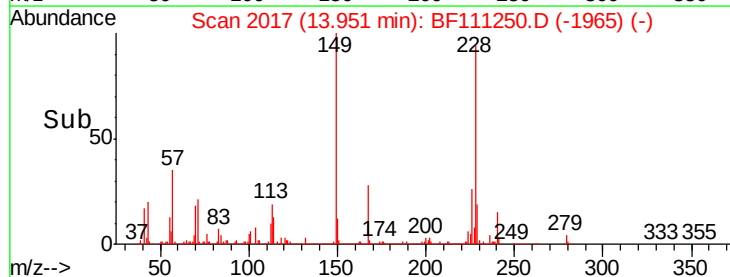
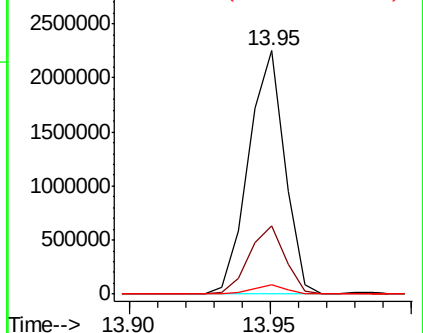
279 3.6 2.6 4.0

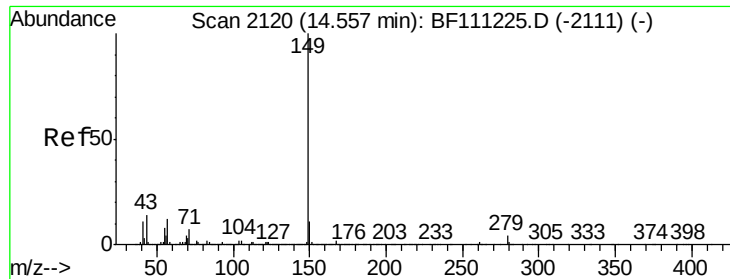


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

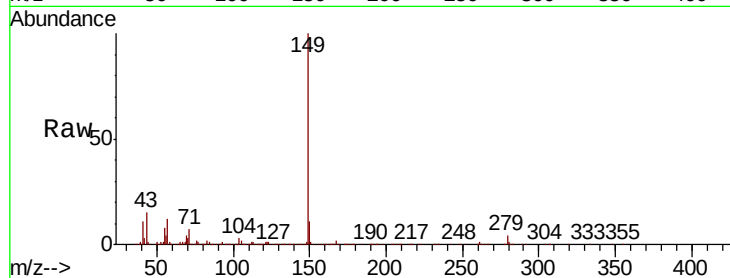




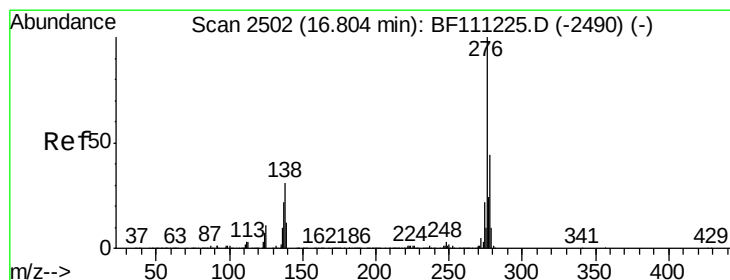
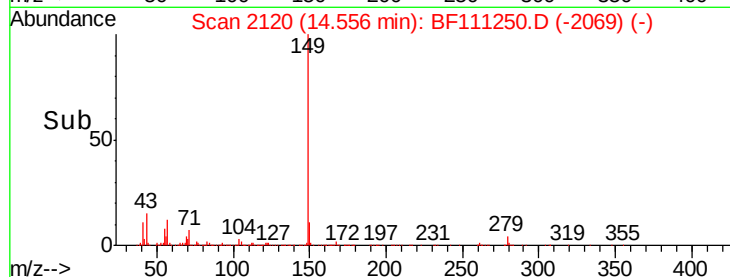
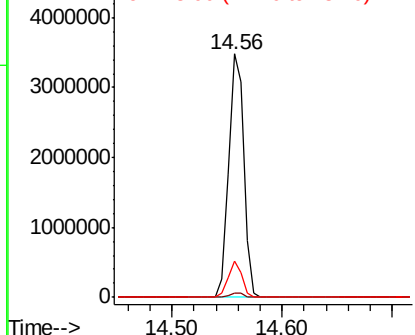
#85
Di-n-octyl phthalate
Concen: 44.390 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tgt Ion:149 Resp: 3366175
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.9 16.3

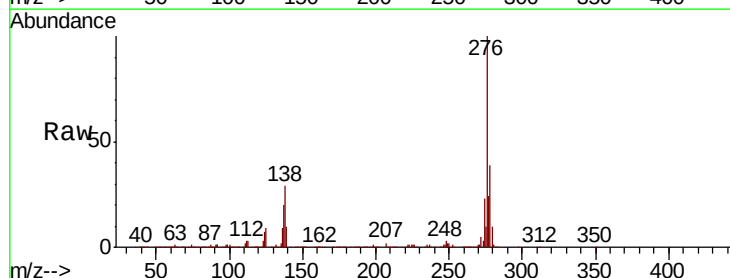


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

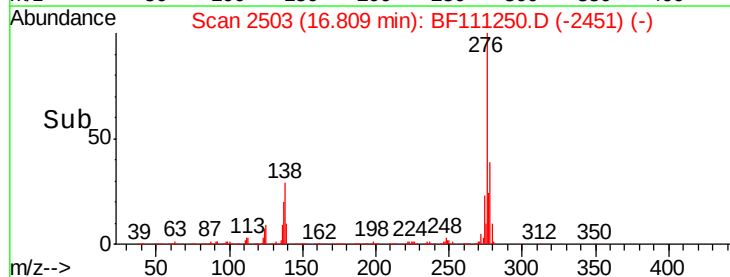
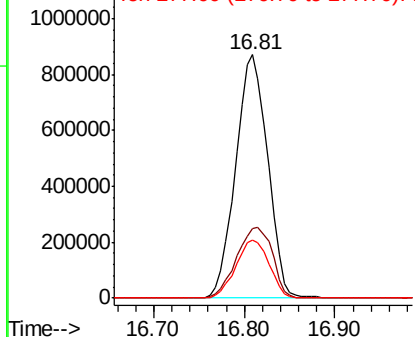


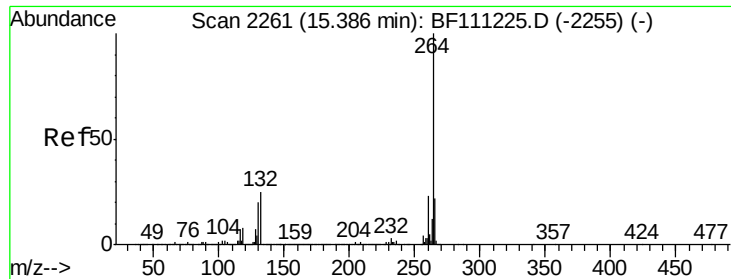
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.159 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:276 Resp: 2138686
Ion Ratio Lower Upper
276 100
138 32.5 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: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

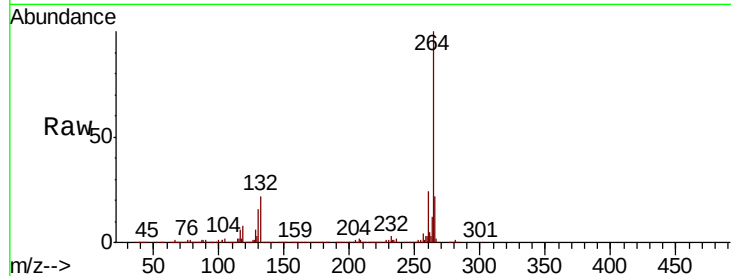
Tgt Ion:264 Resp: 765166

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

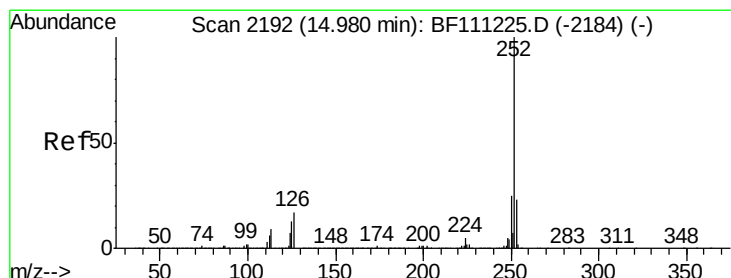
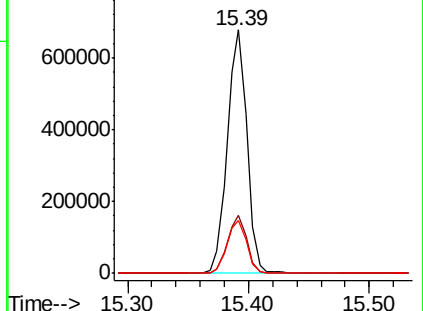
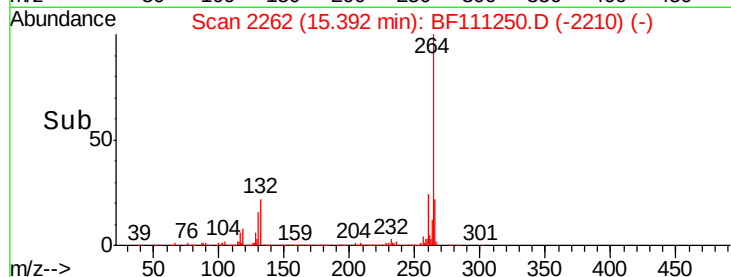
265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.533 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

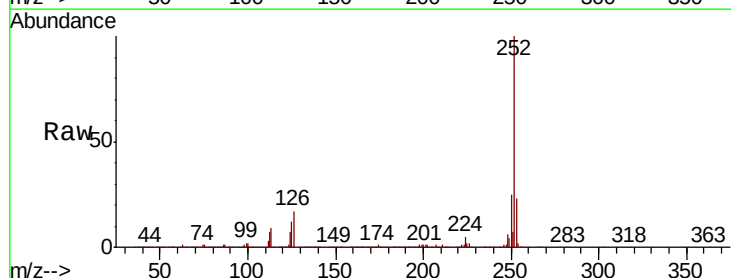
Tgt Ion:252 Resp: 2138337

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

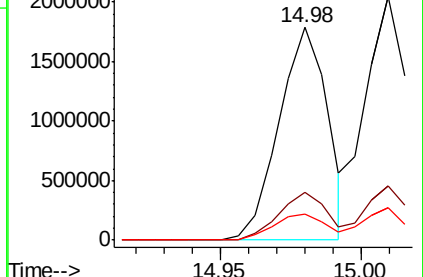
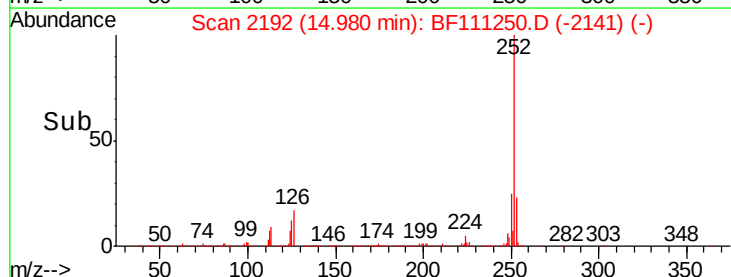
125 12.5 10.4 15.6

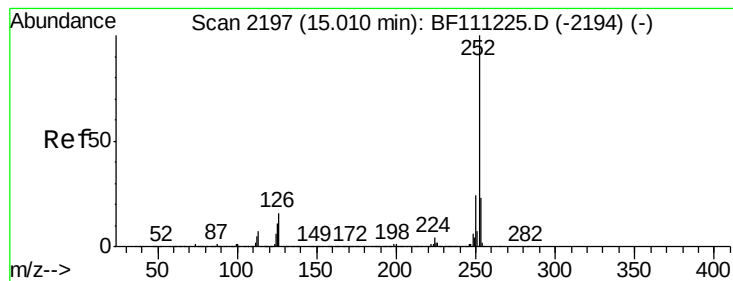


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.834 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

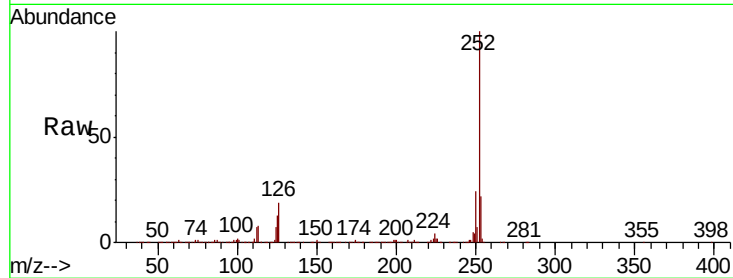
Tgt Ion:252 Resp: 2101943

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 13.2 9.8 14.8

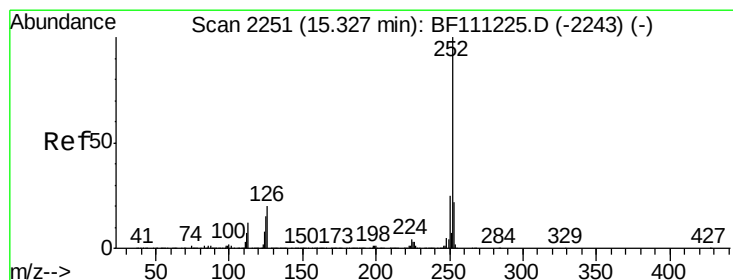
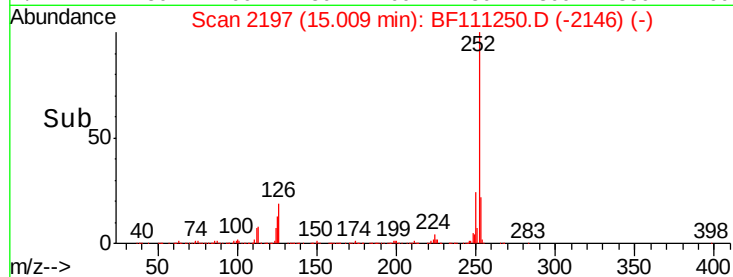
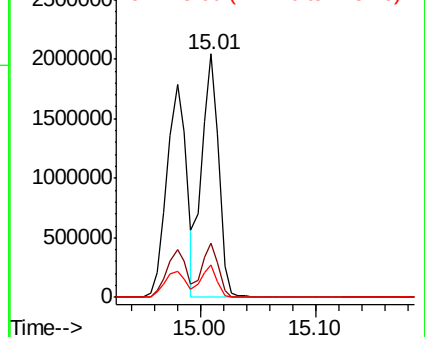


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.546 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

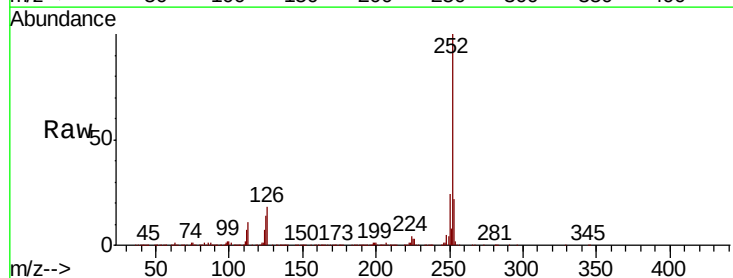
Tgt Ion:252 Resp: 2008609

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 14.1 12.3 18.5

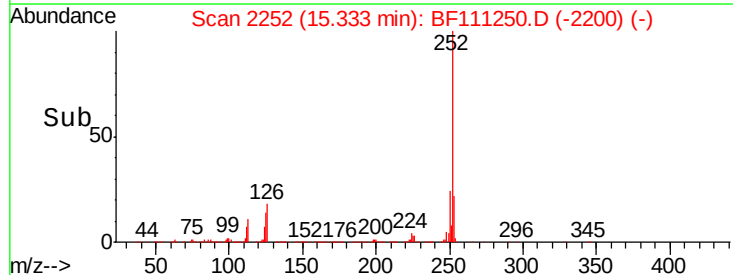
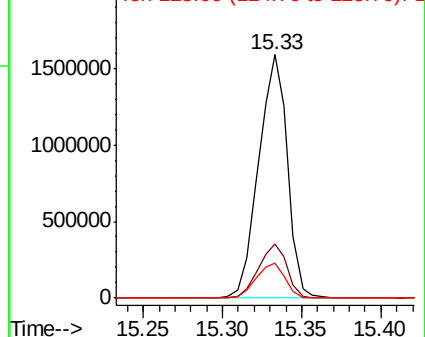


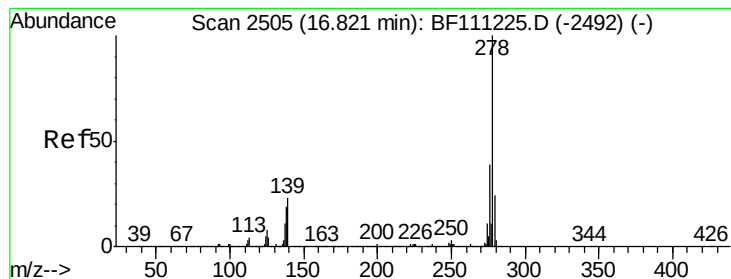
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 56.596 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

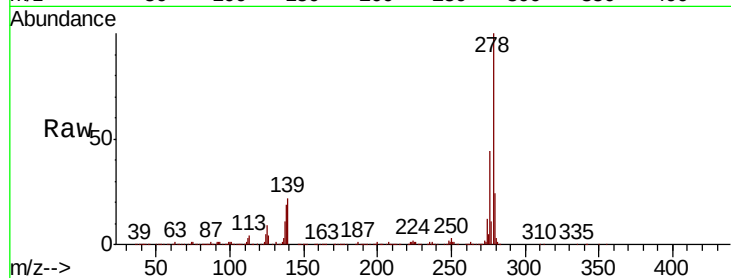
Tgt Ion:278 Resp: 1732201

Ion Ratio Lower Upper

278 100

139 21.5 18.2 27.4

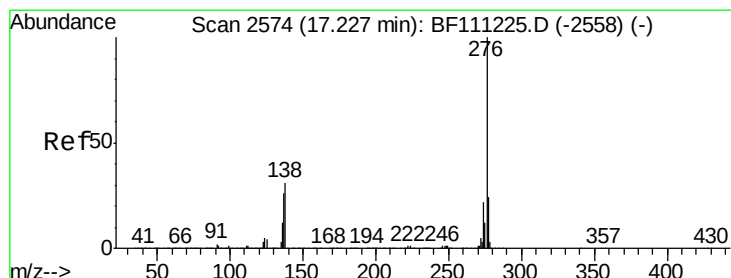
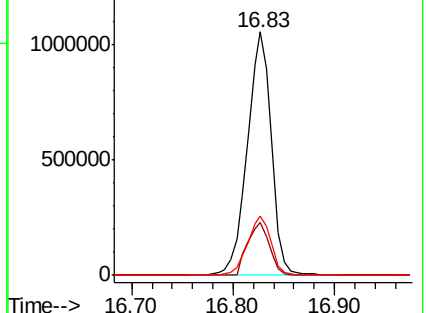
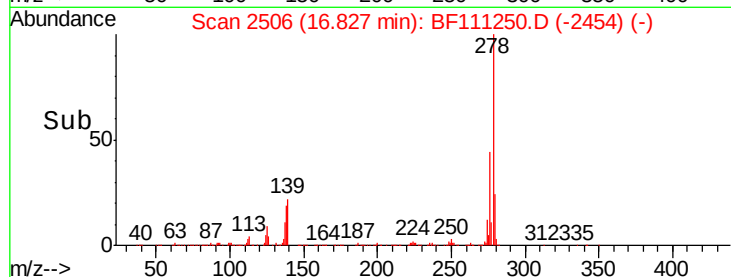
279 24.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.978 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

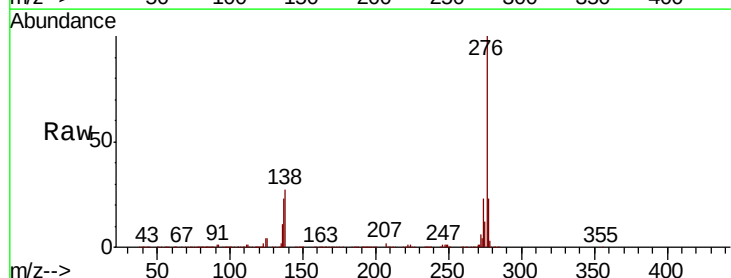
Tgt Ion:276 Resp: 1806995

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 26.6 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

