

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111105.D
 Acq On : 5 Dec 2018 13:27
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 15:28:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 15:25:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	476391	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1985034	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	947588	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1653218	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1382272	20.00	ng	0.00
87) Perylene-d12	15.38	264	1255322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	178409	6.21	ng	-0.01
7) Phenol-d6	6.42	99	228145	6.09	ng	-0.02
23) Nitrobenzene-d5	7.35	82	159035	4.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	40331	4.29	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	385664	5.90	ng	0.00
79) Terphenyl-d14	12.90	244	385520	5.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	46261	3.361	ng	# 80
3) Pyridine	3.28	79	96420	3.199	ng	# 69
4) n-Nitrosodimethylamine	3.18	42	47126	3.417	ng	# 81
6) Aniline	6.46	93	144969	3.132	ng	# 50
8) 2-Chlorophenol	6.58	128	102326	3.006	ng	97
9) Benzaldehyde	6.35	77	81347	4.071	ng	95
10) Phenol	6.46	94	9269	0.220	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	100324	3.159	ng	92
12) 1,3-Dichlorobenzene	6.75	146	111112	2.971	ng	97
13) 1,4-Dichlorobenzene	6.82	146	107846	2.804	ng	98
14) 1,2-Dichlorobenzene	6.97	146	104560	2.888	ng	96
15) Benzyl Alcohol	6.93	79	85507	2.972	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	191797	3.794	ng	# 63
17) 2-Methylphenol	7.05	107	78267	2.891	ng	# 79
18) Hexachloroethane	7.32	117	38224	2.702	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	73029	2.995	ng	# 80
20) 3+4-Methylphenols	7.20	107	105601	2.935	ng	# 72
22) Acetophenone	7.20	105	146413	3.147	ng	# 95
24) Nitrobenzene	7.37	77	89417	2.479	ng	99
25) Isophorone	7.62	82	167731	2.948	ng	# 97
26) 2-Nitrophenol	7.69	139	27109	1.547	ng	97
27) 2,4-Dimethylphenol	7.73	122	80444	3.040	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	118048	3.097	ng	94
29) 2,4-Dichlorophenol	7.93	162	74043	2.674	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	80090	2.581	ng	94
31) Naphthalene	8.10	128	286938	3.084	ng	98
32) Benzoic acid	7.76	122	24715	1.256	ng	94
33) 4-Chloroaniline	8.15	127	117472	2.966	ng	99
34) Hexachlorobutadiene	8.23	225	41951	2.373	ng	98
35) Caprolactam	8.46	113	27657	2.925	ng	# 79
36) 4-Chloro-3-methylphenol	8.62	107	83374	2.710	ng	99
37) 2-Methylnaphthalene	8.80	142	181137	2.947	ng	94
38) 1-Methylnaphthalene	8.89	142	169197	2.830	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	74772	2.508	ng	95

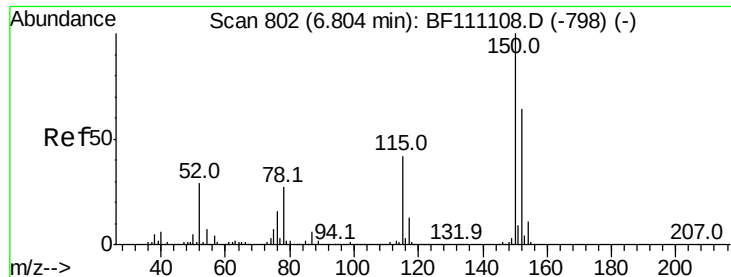
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111105.D
 Acq On : 5 Dec 2018 13:27
 Operator : JU/SJ
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 QLast Update : Wed Dec 05 15:25:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	32532	10.846	ng	95
43) 2,4,6-Trichlorophenol	9.07	196	49100	2.758	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	46825	2.498	ng #	91
46) 1,1'-Biphenyl	9.26	154	242080	2.771	ng	97
47) 2-Chloronaphthalene	9.28	162	177413	2.801	ng	100
48) 2-Nitroaniline	9.37	65	32528	1.642	ng	88
49) Acenaphthylene	9.69	152	271223	3.011	ng	99
50) Dimethylphthalate	9.55	163	194117	2.793	ng	99
51) 2,6-Dinitrotoluene	9.61	165	25457	1.645	ng	97
52) Acenaphthene	9.87	154	168255	2.914	ng	98
53) 3-Nitroaniline	9.77	138	35145	1.949	ng #	95
54) 2,4-Dinitrophenol	9.87	184	3937	0.801	ng #	1
55) Dibenzofuran	10.04	168	249801	2.965	ng	94
56) 4-Nitrophenol	9.92	139	25592	2.846	ng #	82
57) 2,4-Dinitrotoluene	10.00	165	25795	1.285	ng #	76
58) Fluorene	10.38	166	186118	2.840	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	35004	2.275	ng #	83
60) Diethylphthalate	10.25	149	190790	2.662	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	88630	2.585	ng	99
62) 4-Nitroaniline	10.37	138	32784	1.953	ng	93
63) Azobenzene	10.53	77	209867	3.004	ng	95
65) 4,6-Dinitro-2-methylphenol	10.41	198	7133	0.912	ng #	52
66) n-Nitrosodiphenylamine	10.49	169	169650	3.083	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	49359	2.741	ng #	84
68) Hexachlorobenzene	10.93	284	50788	2.648	ng #	80
69) Atrazine	11.01	200	51212	3.616	ng	96
70) Pentachlorophenol	11.12	266	26600	3.486	ng	97
71) Phenanthrene	11.34	178	266203	3.040	ng	98
72) Anthracene	11.39	178	260528	2.922	ng	99
73) Carbazole	11.54	167	274720	3.174	ng	98
74) Di-n-butylphthalate	11.89	149	302456	2.989	ng	98
75) Fluoranthene	12.52	202	252640	2.807	ng	93
77) Benzidine	12.64	184	160230	4.532	ng	97
78) Pyrene	12.75	202	277946	2.753	ng	96
80) Butylbenzylphthalate	13.38	149	110603	2.427	ng	99
81) Benzo(a)anthracene	13.93	228	218544	2.678	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	80147	2.864	ng #	98
83) Chrysene	13.97	228	216237	2.692	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	151678	2.497	ng #	96
85) Di-n-octyl phthalate	14.55	149	244580	2.551	ng #	92
86) Indeno(1,2,3-cd)pyrene	17.19	276	132752	2.302	ng #	90
88) Benzo(b)fluoranthene	14.96	252	183790	2.492	ng #	97
89) Benzo(k)fluoranthene	14.99	252	194719	2.565	ng #	95
90) Benzo(a)pyrene	15.32	252	171212	2.494	ng	98
91) Dibenzo(a,h)anthracene	16.79	278	133378	2.355	ng #	90
92) Benzo(g,h,i)perylene	17.19	276	132752	2.431	ng #	84

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

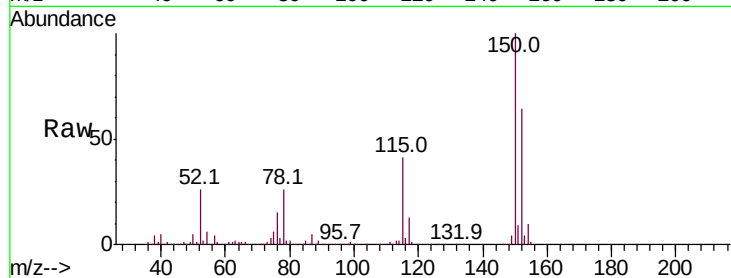


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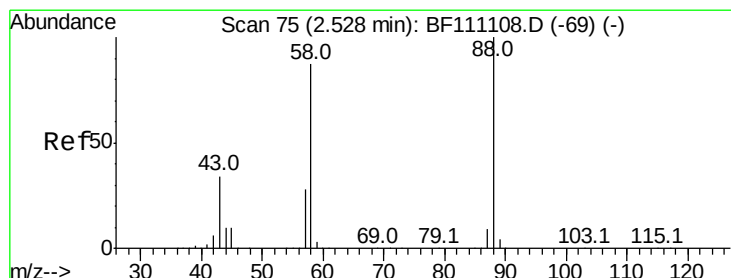
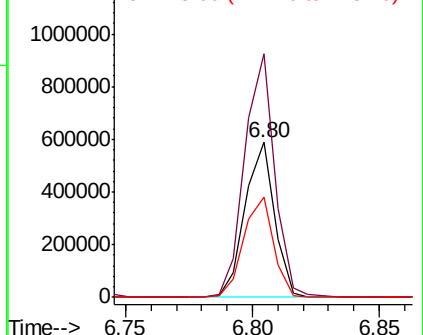
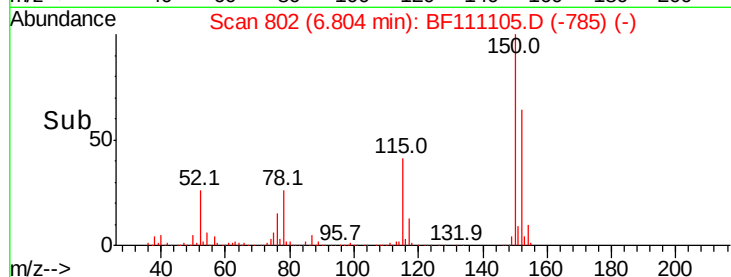
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 476391
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 65.0 49.1 73.7



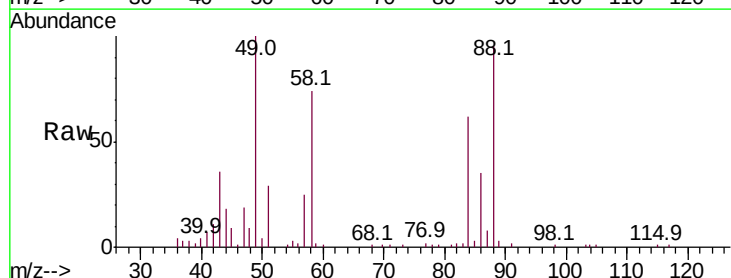
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



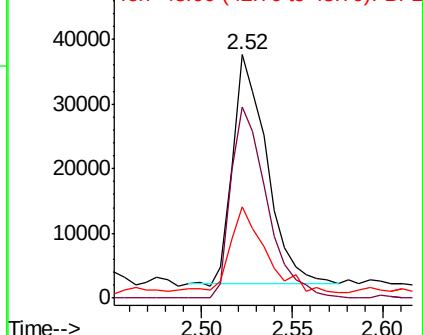
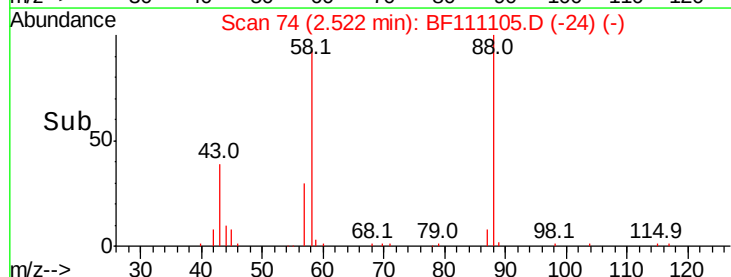
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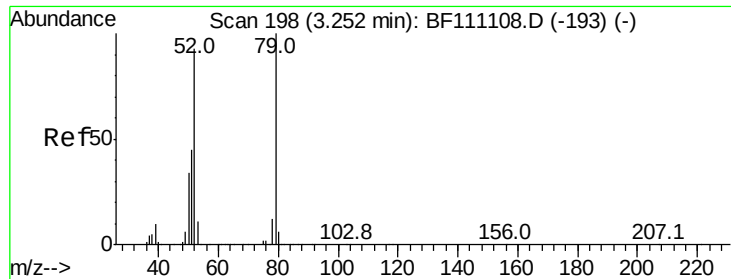
1,4-Dioxane
Concen: 3.361 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion: 88 Resp: 46261
Ion Ratio Lower Upper
88 100
58 88.7 57.1 85.7#
43 40.6 24.1 36.1#



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

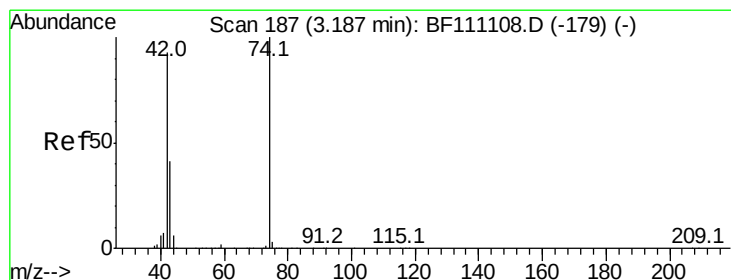
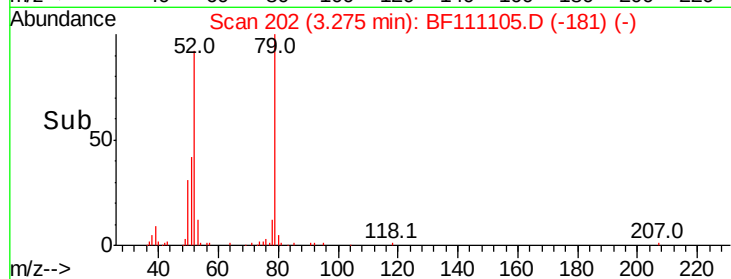
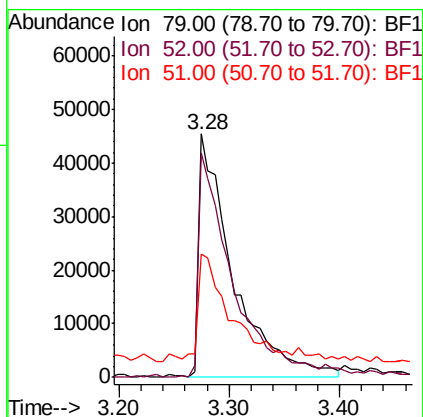
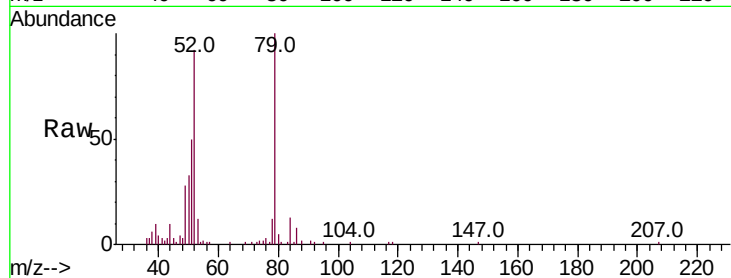




#3
 Pvridine
 Concen: 3.199 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.02 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

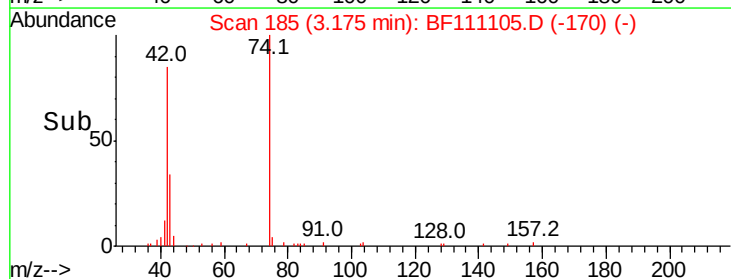
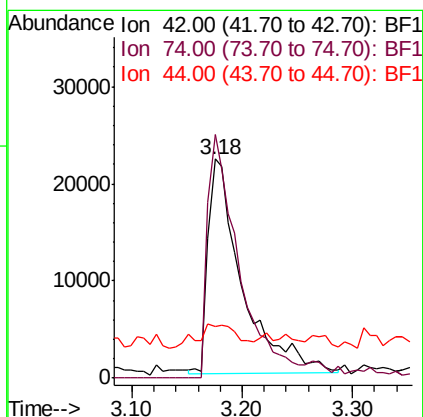
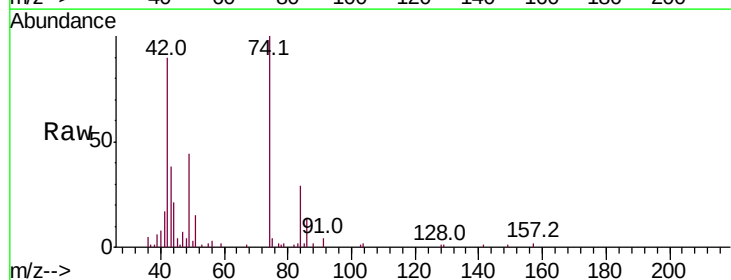
Instrument :
 BNA_F
 ClientSampleId :

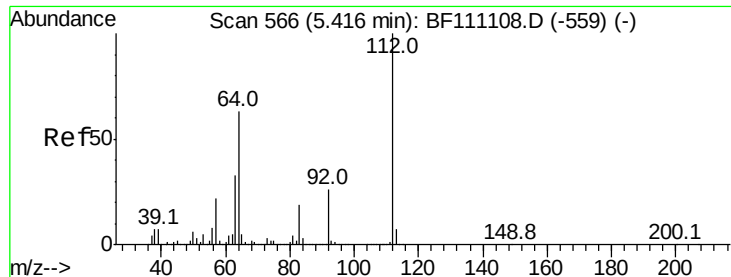
Tot Ion: 79 Resp: 96420
 Ion Ratio Lower Upper
 79 100
 52 92.4 53.1 79.7#
 51 50.4 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 3.417 ng
 RT: 3.18 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion: 42 Resp: 47126
 Ion Ratio Lower Upper
 42 100
 74 111.3 105.5 158.3
 44 23.7 4.9 7.3#





#5

2-Fluorophenol

Concen: 6.210 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

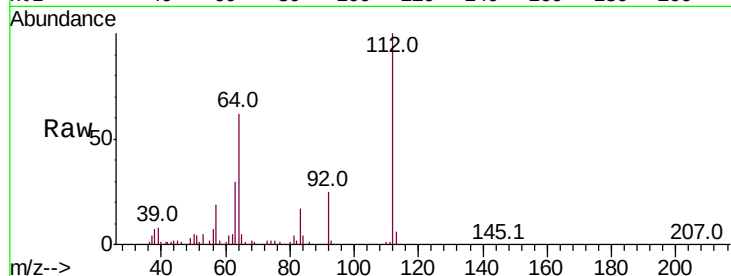
Tot Ion:112 Resp: 178409

Ion Ratio Lower Upper

112 100

64 61.6 44.1 66.1

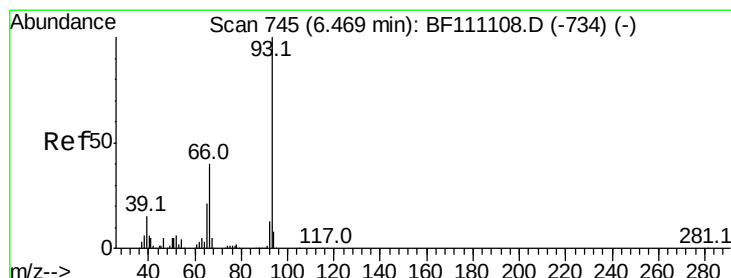
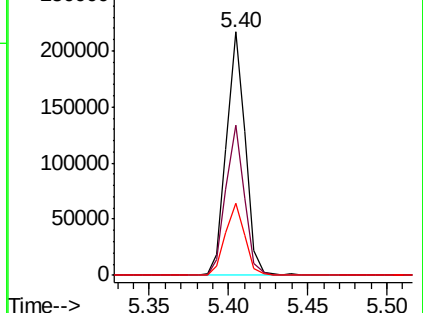
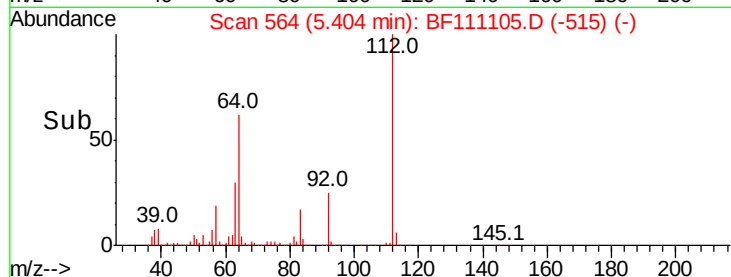
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.132 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

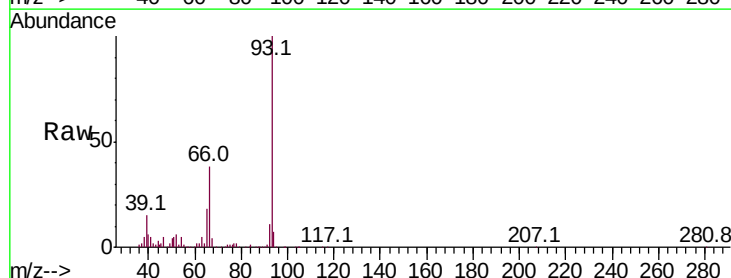
Tgt Ion: 93 Resp: 144969

Ion Ratio Lower Upper

93 100

66 38.2 67.4 101.0#

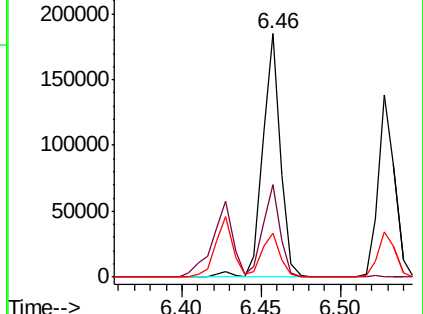
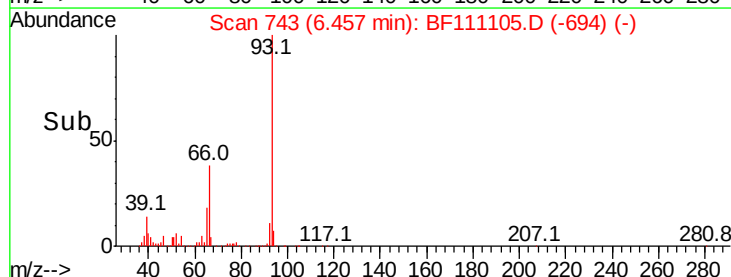
65 17.9 41.0 61.4#

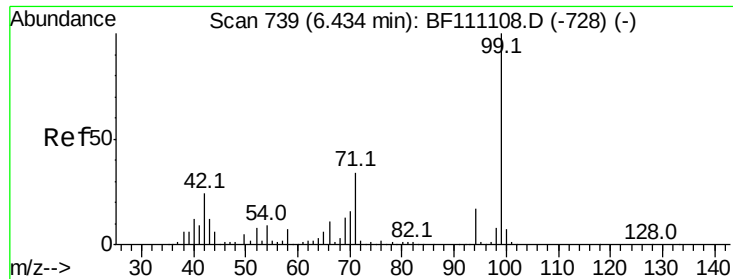


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 6.094 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

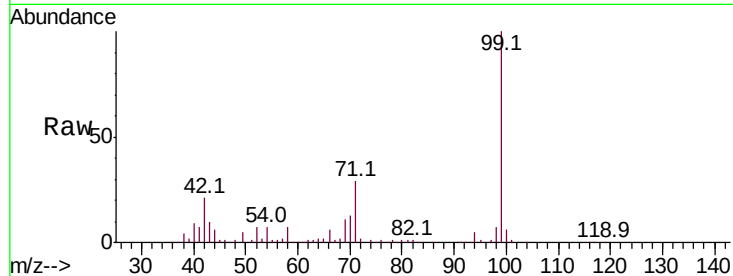
Tot Ion: 99 Resp: 228145

Ion Ratio Lower Upper

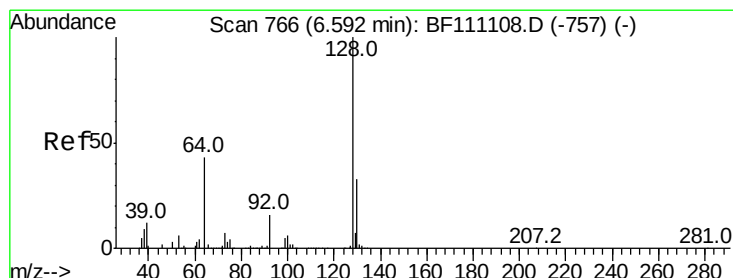
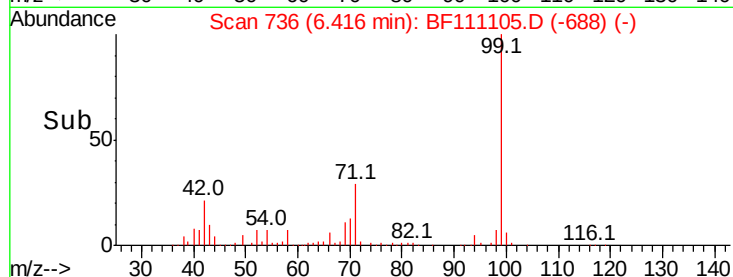
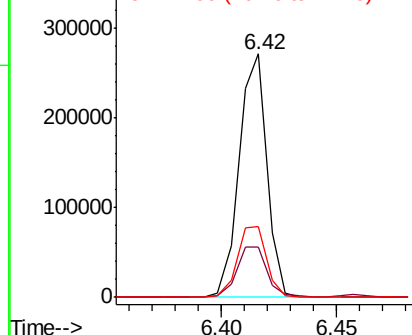
99 100

42 20.9 15.8 23.6

71 29.0 28.0 42.0



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: 3.006 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

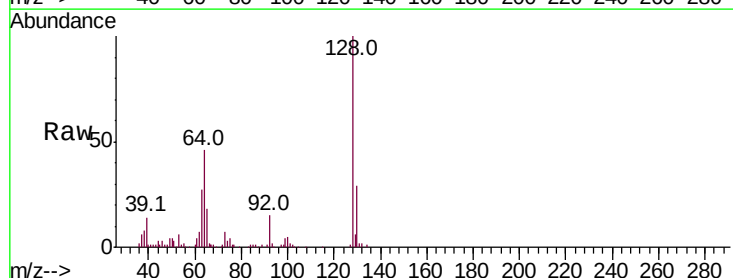
Tgt Ion:128 Resp: 102326

Ion Ratio Lower Upper

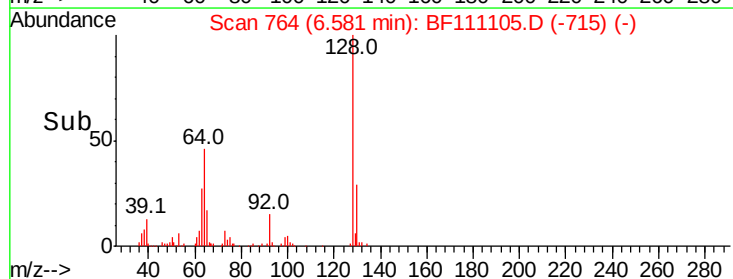
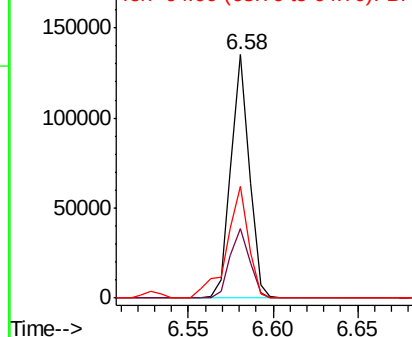
128 100

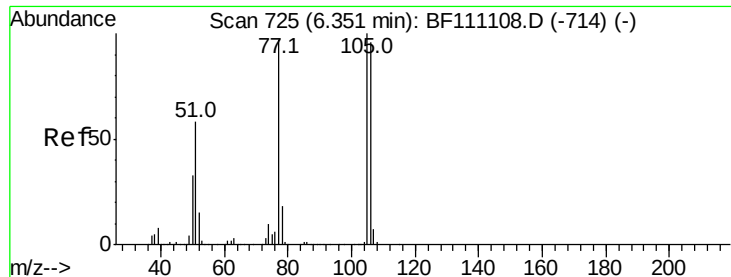
130 28.7 13.1 53.1

64 46.0 26.0 66.0



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: 4.071 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

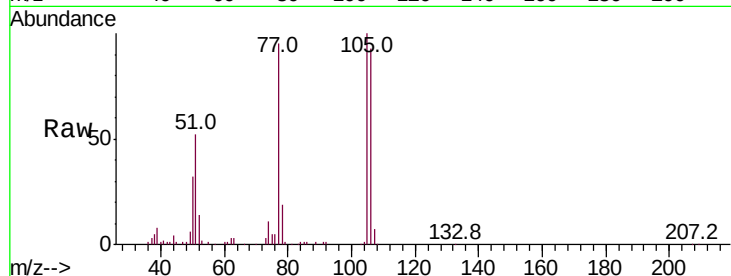
Tot Ion: 77 Resp: 81347

Ion Ratio Lower Upper

77 100

105 105.4 78.6 118.6

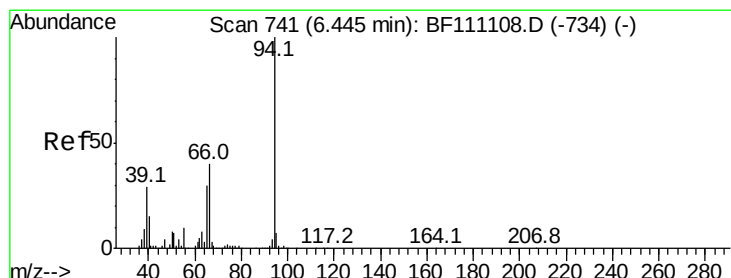
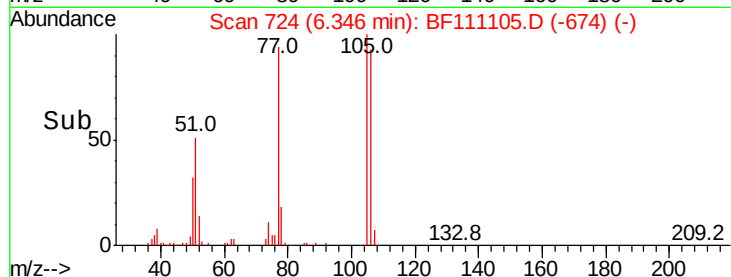
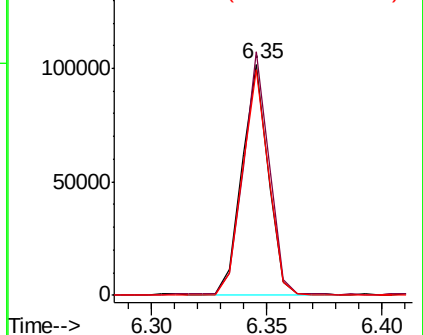
106 97.7 74.8 114.8



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: 0.220 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

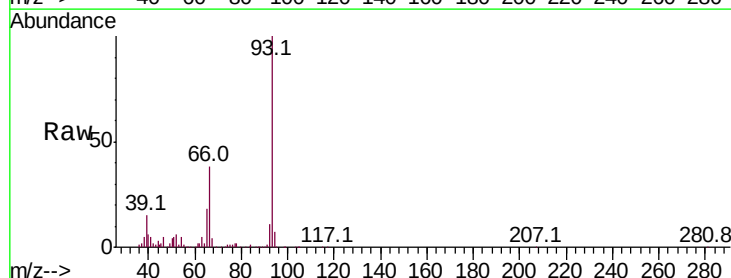
Tgt Ion: 94 Resp: 9269

Ion Ratio Lower Upper

94 100

65 247.8 25.3 65.3#

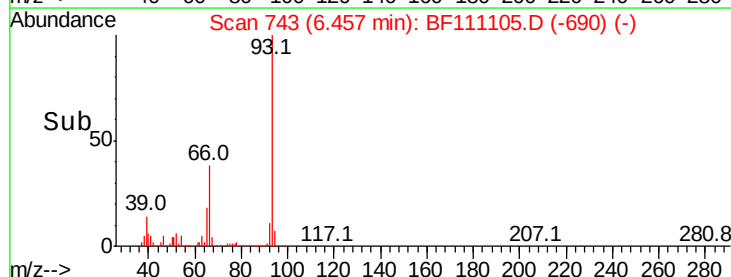
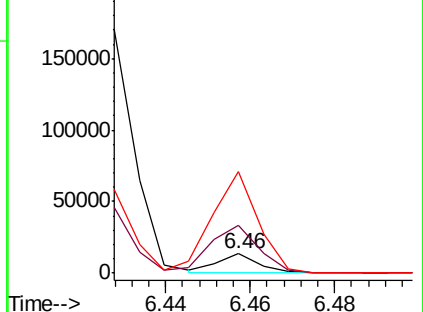
66 527.1 54.5 94.5#

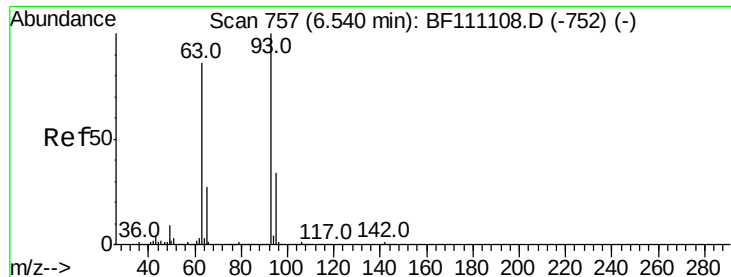


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 3.159 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

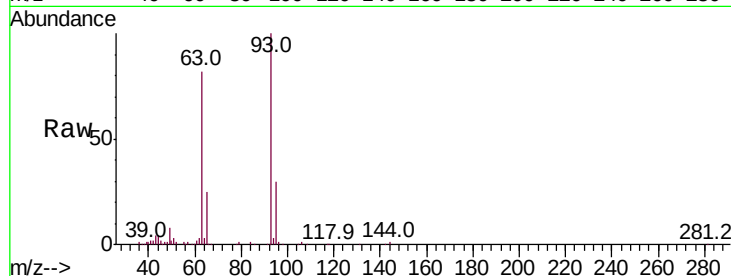
Tot Ion: 93 Resp: 100324

Ion Ratio Lower Upper

93 100

63 81.6 53.4 93.4

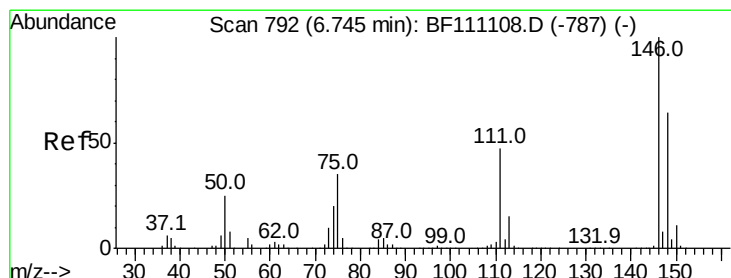
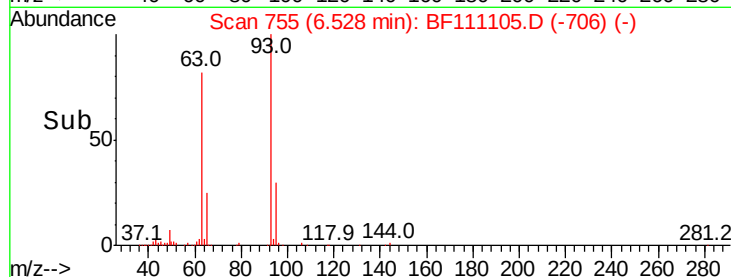
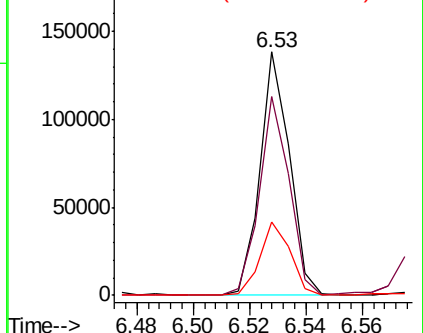
95 30.3 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 2.971 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

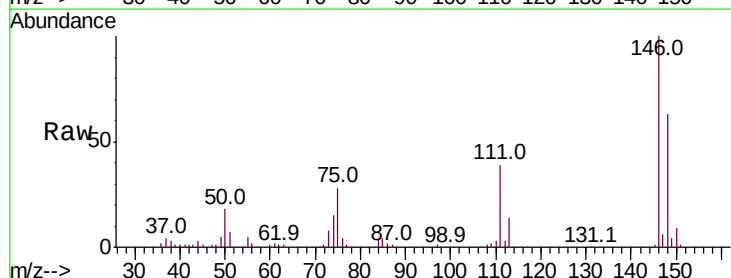
Tgt Ion: 146 Resp: 111112

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

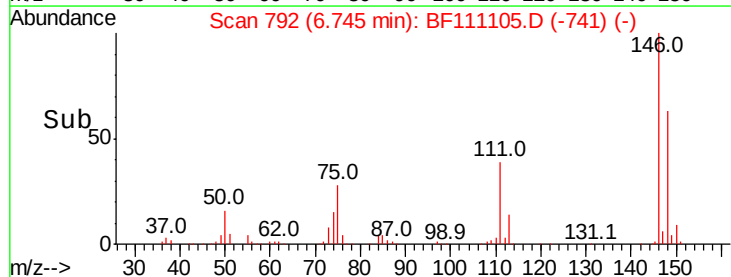
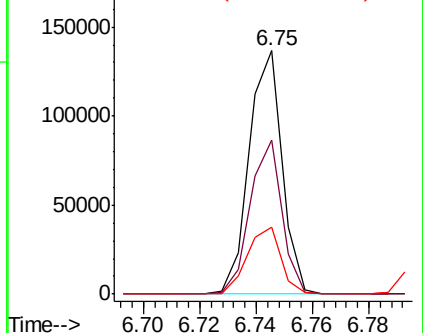
75 27.7 25.8 38.6

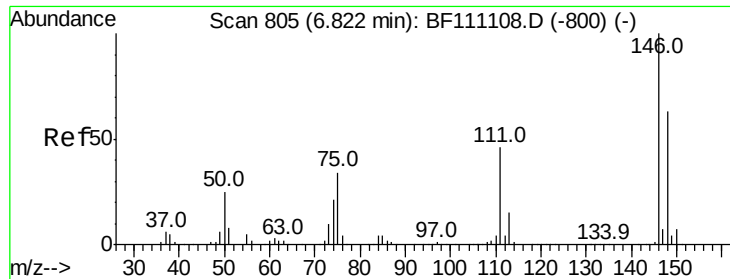


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

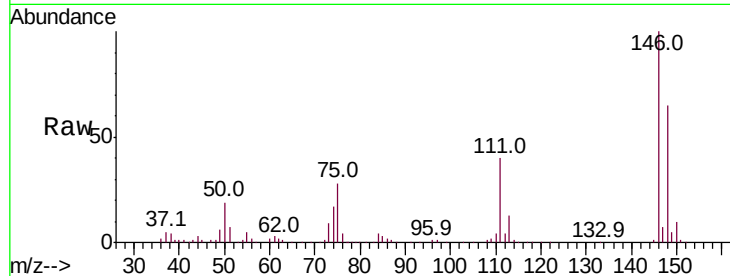




#13
 1,4-Dichlorobenzene
 Concen: 2.804 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.3	75.5
111	40.1	32.7	49.1

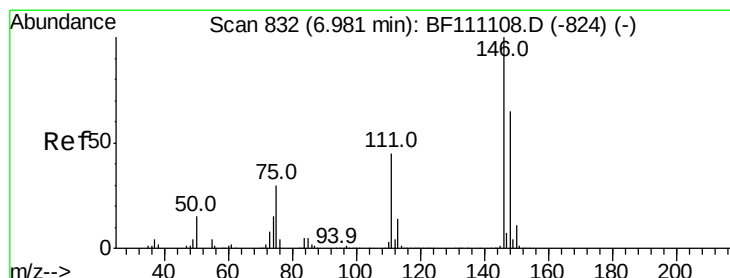
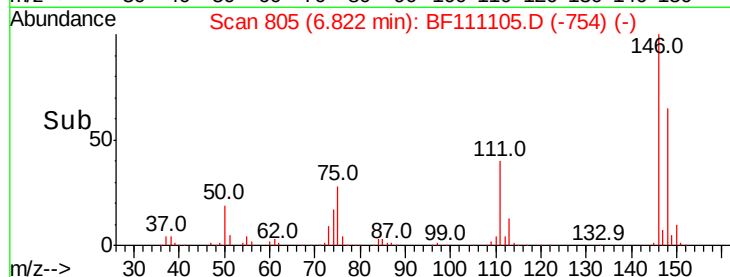
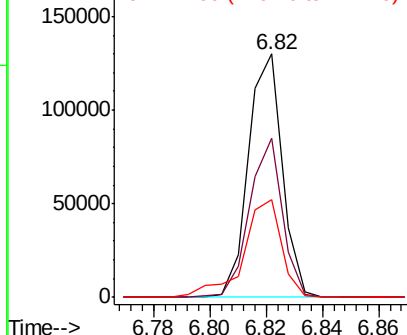


Abundance

Ion 146.00 (145.70 to 146.70): E

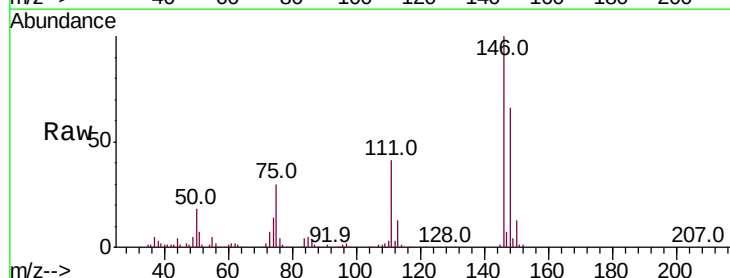
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 2.888 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	40.7	35.8	53.6

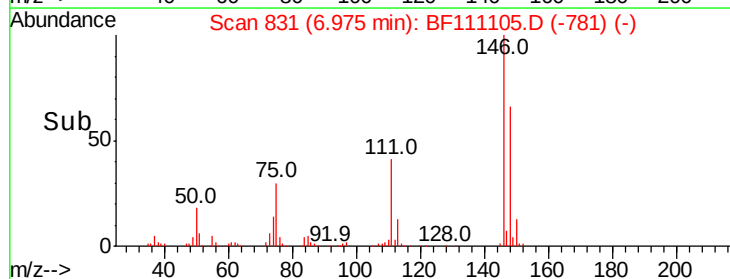
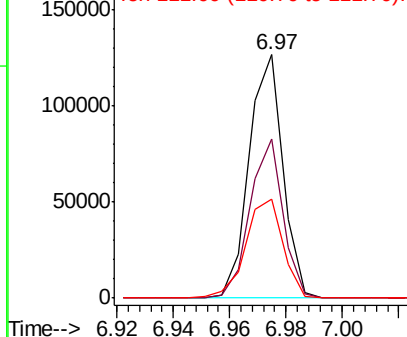


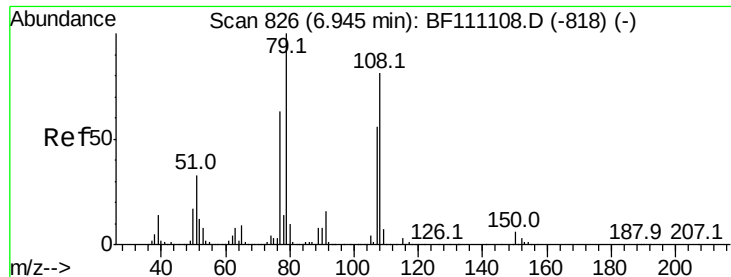
Abundance

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

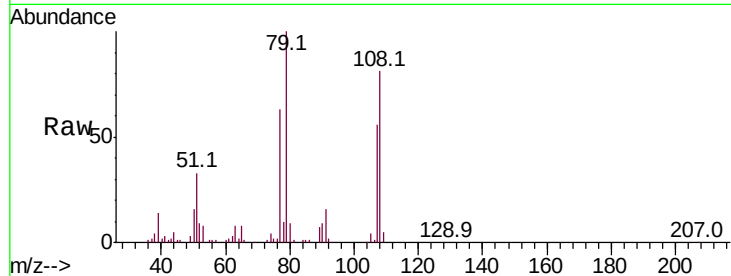




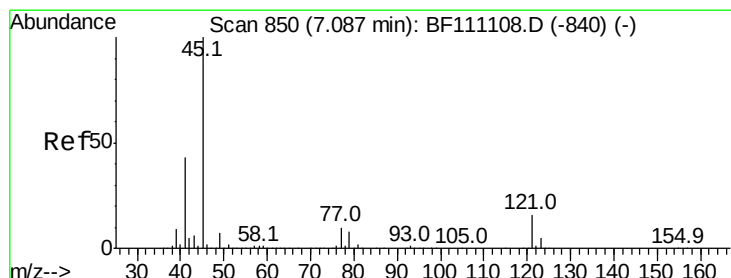
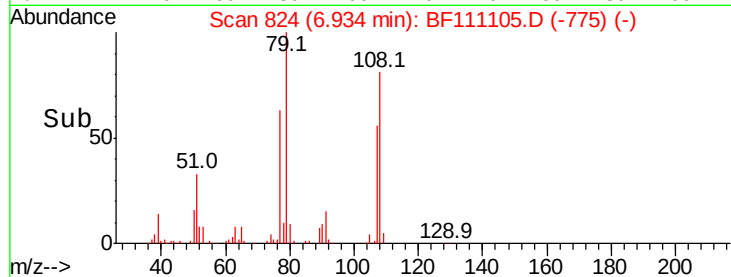
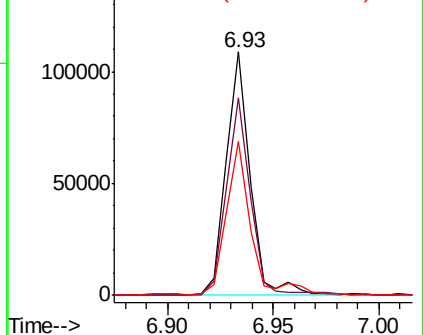
#15
Benzyl Alcohol
Concen: 2.972 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	56.3	84.5
77	63.3	52.9	79.3

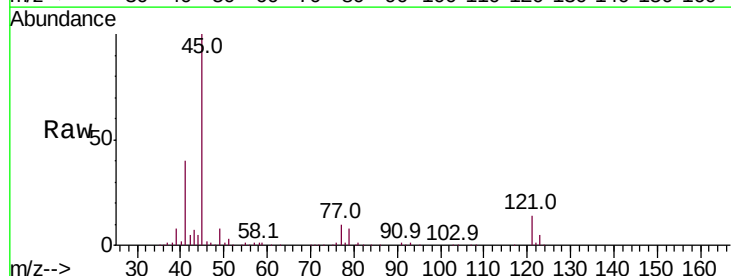


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

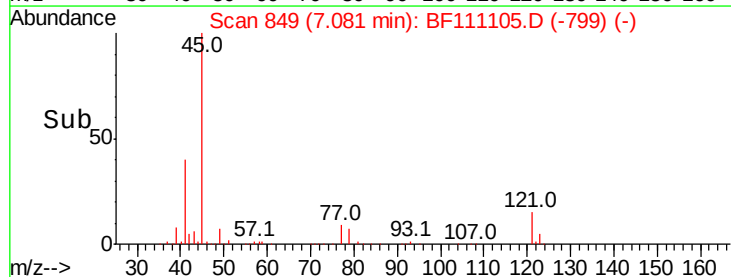
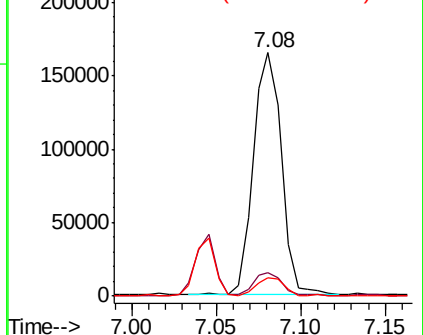


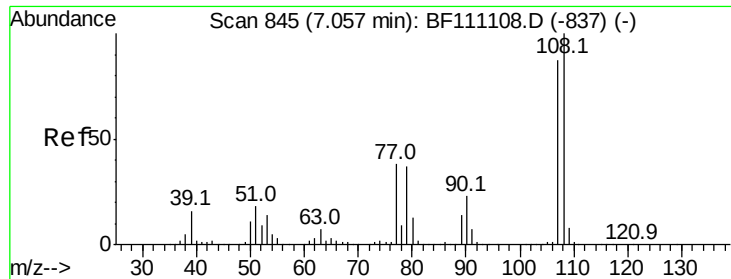
#16
2,2'-oxybis(1-chloropropane)
Concen: 3.794 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	10.0	50.0#
79	7.6	6.1	46.1



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

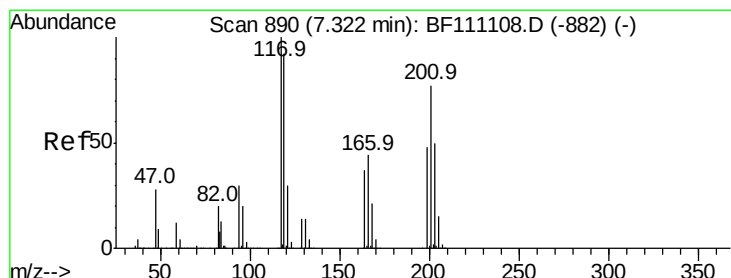
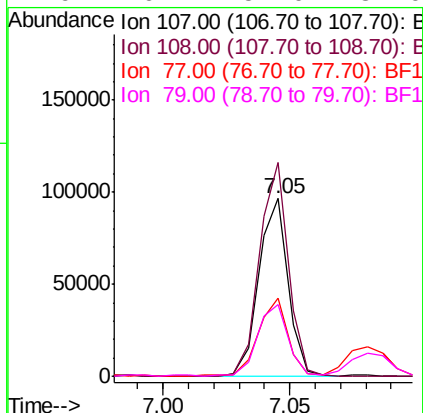
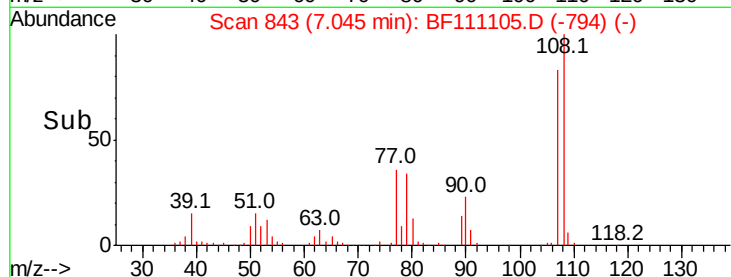
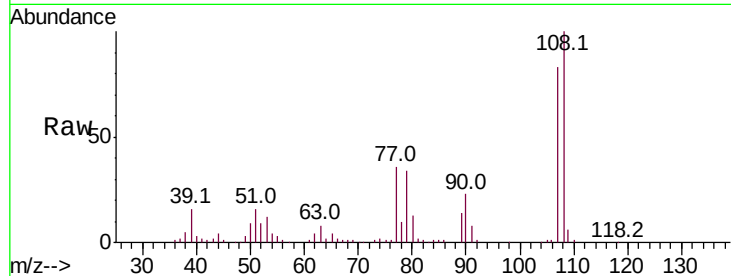




#17
2-Methylphenol
Concen: 2.891 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

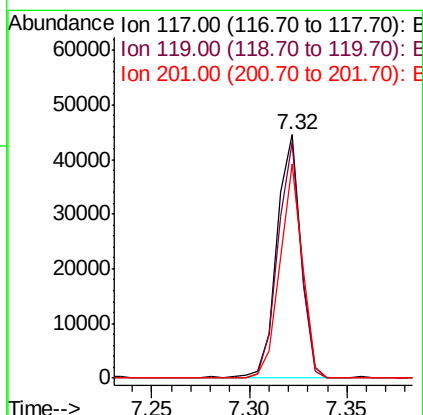
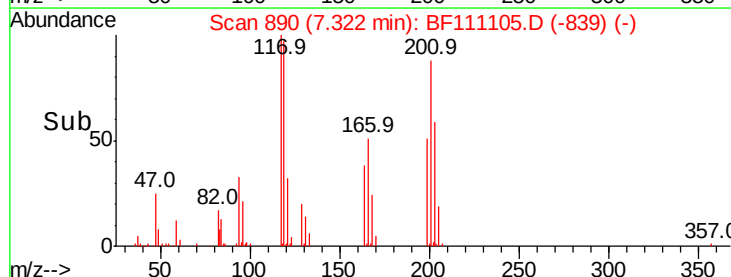
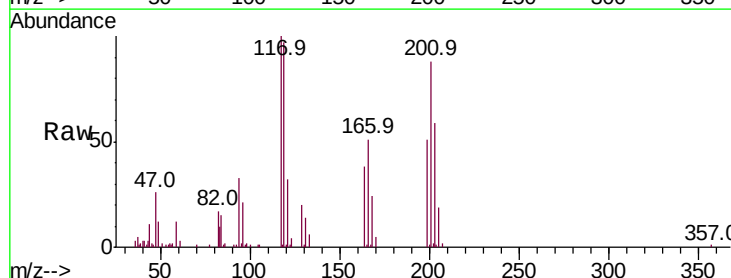
Instrument :
BNA_F
ClientSampleId :

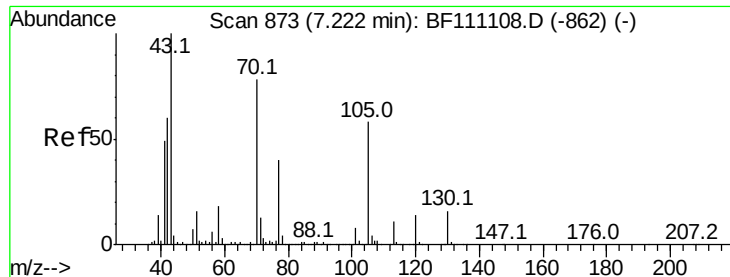
Tot Ion	Ratio	Lower	Upper
107	100		
108	120.1	92.6	138.8
77	43.7	59.4	89.2#
79	40.4	54.0	81.0#



#18
Hexachloroethane
Concen: 2.702 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.0	112.6
201	88.0	79.2	118.8

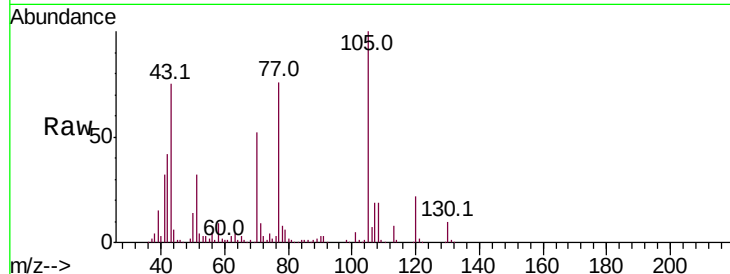




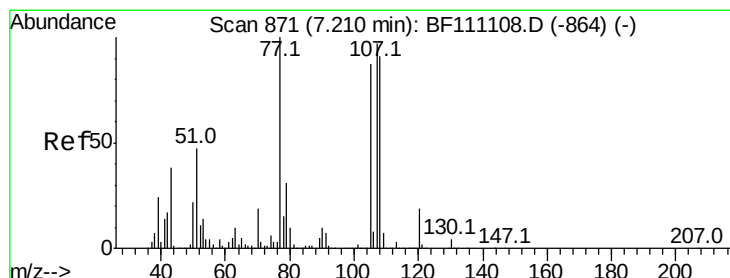
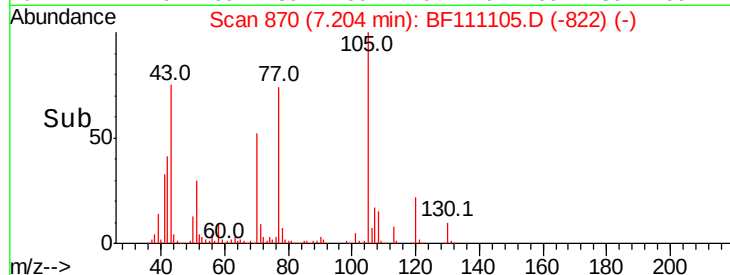
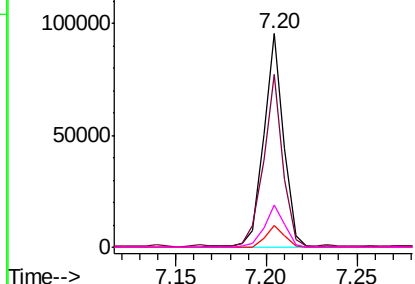
#19
n-Nitroso-di-n-propylamine
Concen: 2.995 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 73029
Ion Ratio Lower Upper
70 100
42 80.9 47.4 71.2#
101 10.1 7.3 10.9
130 19.6 16.2 24.2



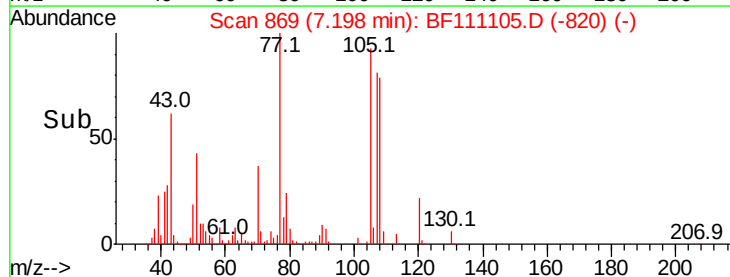
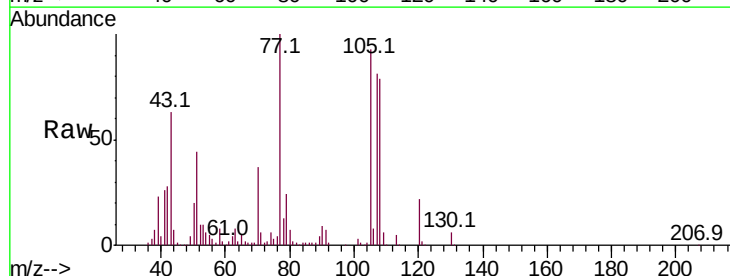
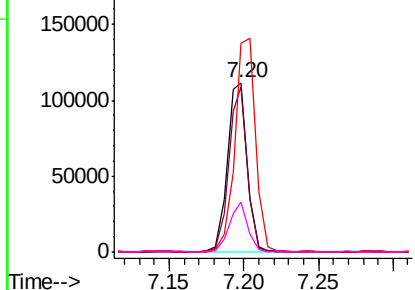
Abundance Ion 70.00 (69.70 to 70.70): BF1
150000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

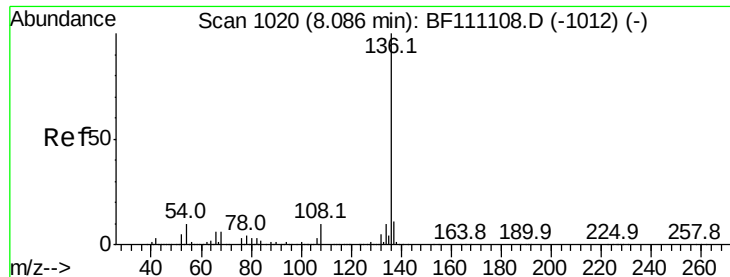


#20
3+4-Methylphenols
Concen: 2.935 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:107 Resp: 105601
Ion Ratio Lower Upper
107 100
108 97.3 71.4 111.4
77 123.3 47.3 87.3#
79 29.7 10.9 50.9

Abundance Ion 107.00 (106.70 to 107.70): E
200000
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: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1985034

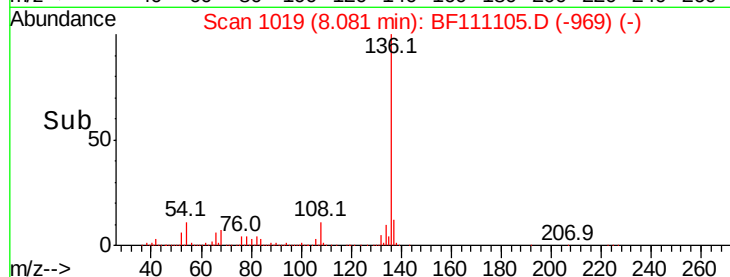
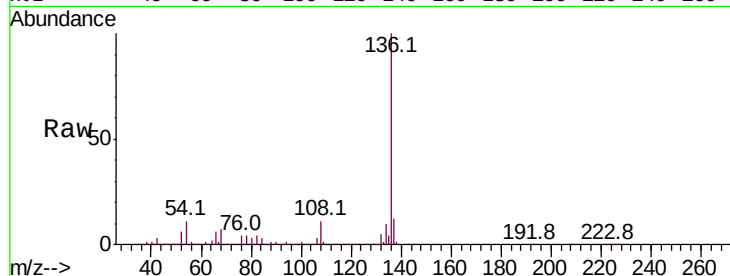
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.7 5.4 8.2#

68 6.5 4.2 6.2#



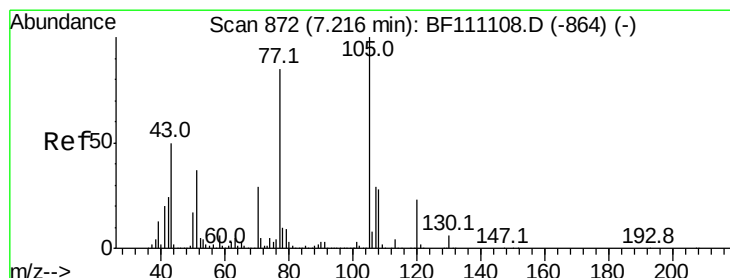
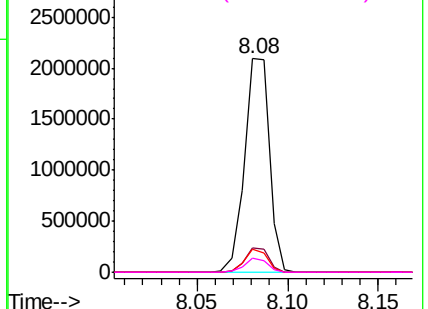
Abundance

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: 3.147 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Tgt Ion:105 Resp: 146413

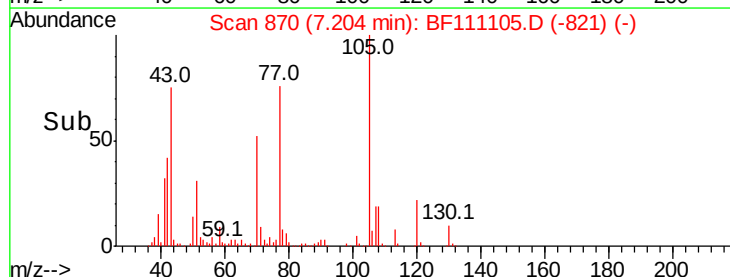
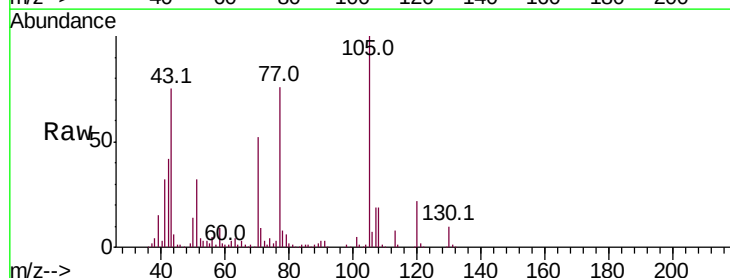
Ion Ratio Lower Upper

105 100

71 9.1 5.2 7.8#

51 31.7 21.8 32.8

120 21.7 17.0 25.4



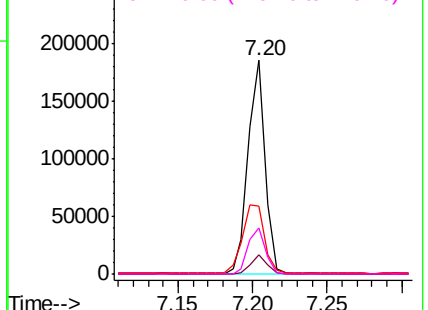
Abundance

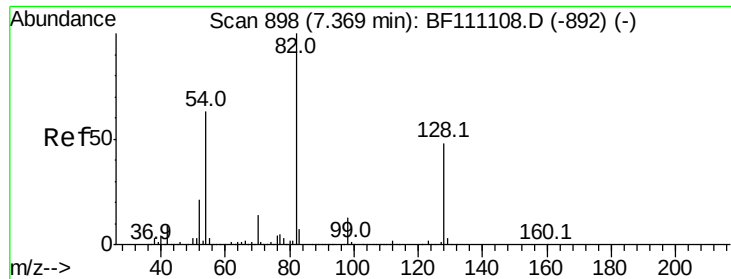
Ion 105.00 (104.70 to 105.70): E

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

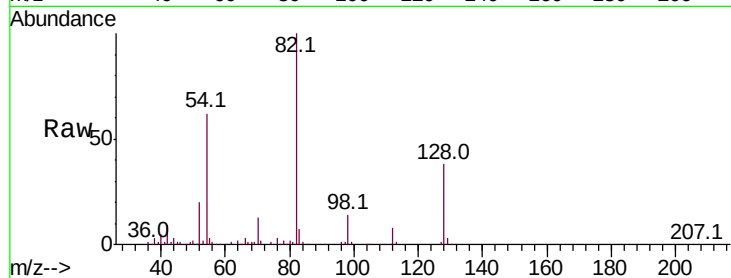




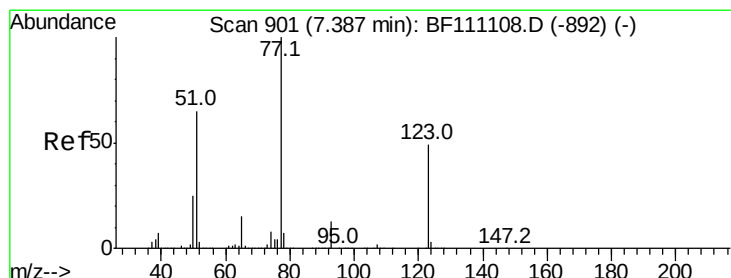
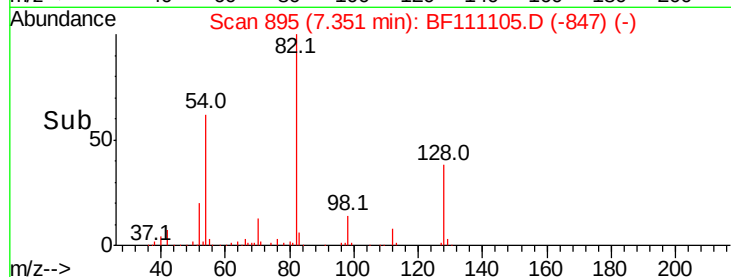
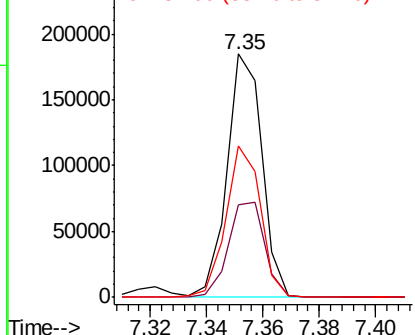
#23
 Nitrobenzene-d5
 Concen: 4.585 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 159035
 Ion Ratio Lower Upper
 82 100
 128 37.8 34.2 51.2
 54 62.3 38.6 58.0#

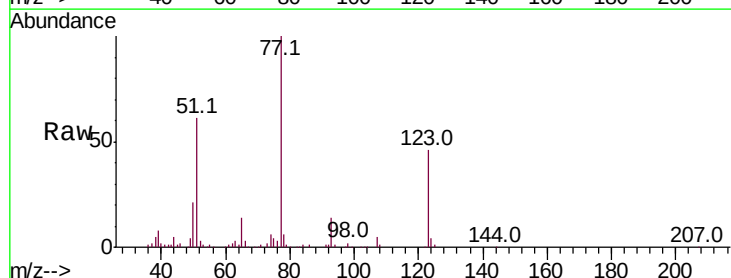


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

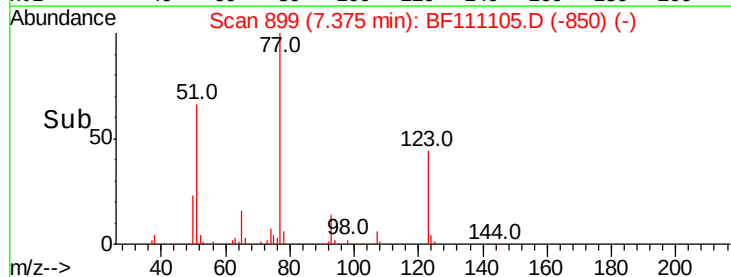
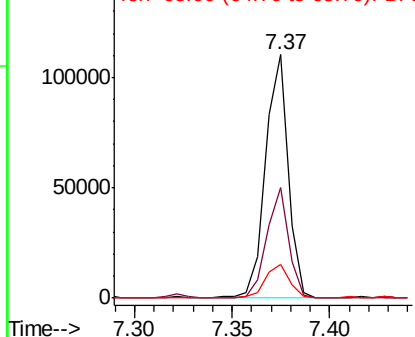


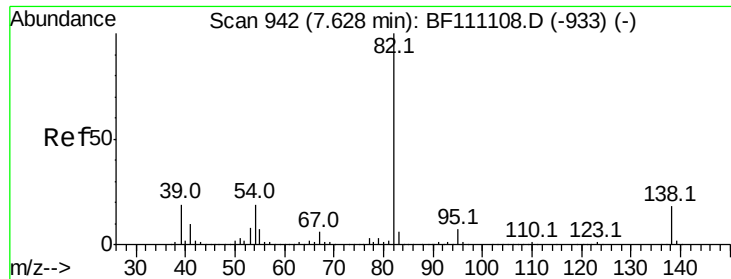
#24
 Nitrobenzene
 Concen: 2.479 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion: 77 Resp: 89417
 Ion Ratio Lower Upper
 77 100
 123 45.5 35.7 53.5
 65 13.9 10.7 16.1



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





#25

Isophorone

Concen: 2.948 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

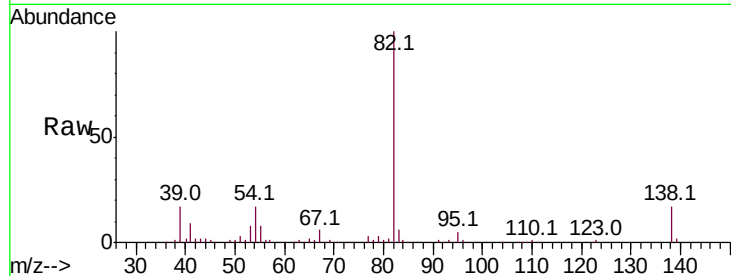
Tot Ion: 82 Resp: 167731

Ion Ratio Lower Upper

82 100

95 5.5 5.7 8.5#

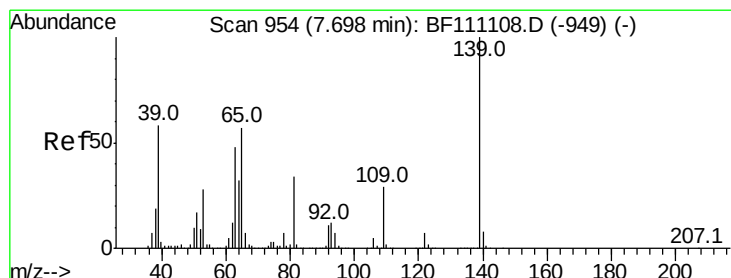
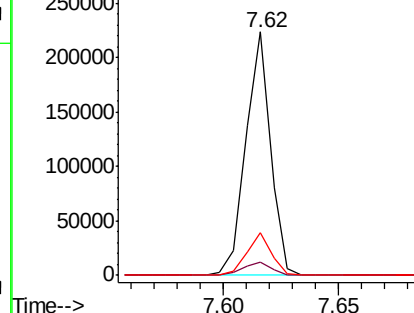
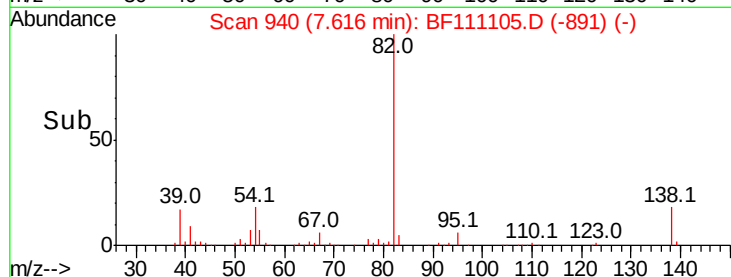
138 17.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 1.547 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

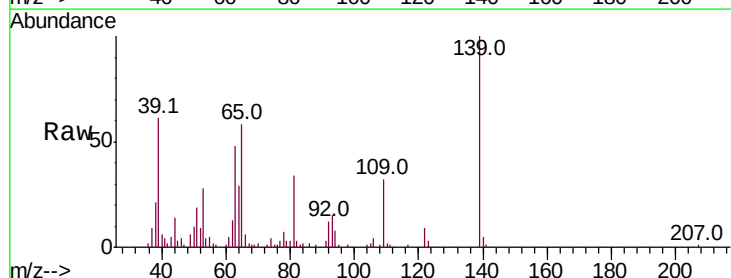
Tgt Ion: 139 Resp: 27109

Ion Ratio Lower Upper

139 100

109 31.6 25.0 37.6

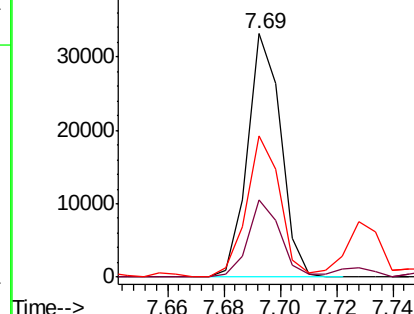
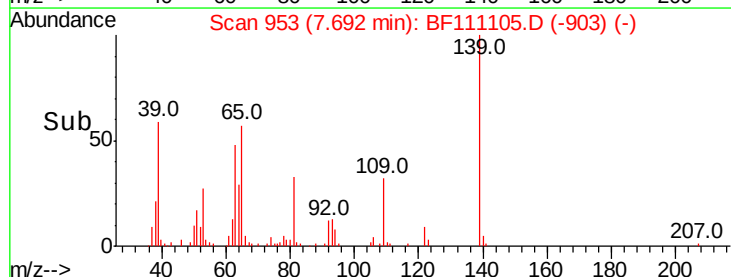
65 57.8 44.0 66.0

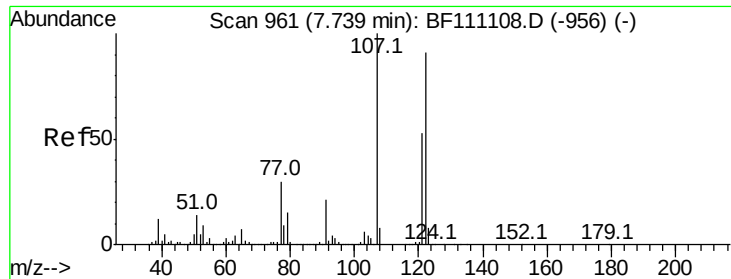


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

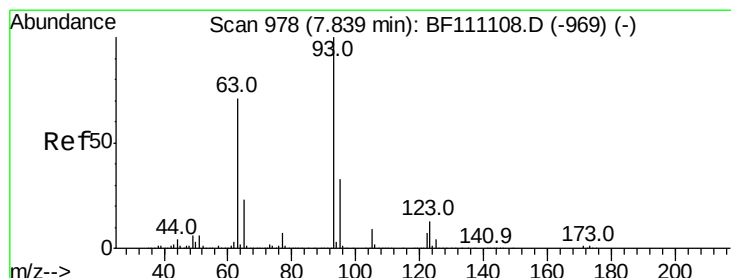
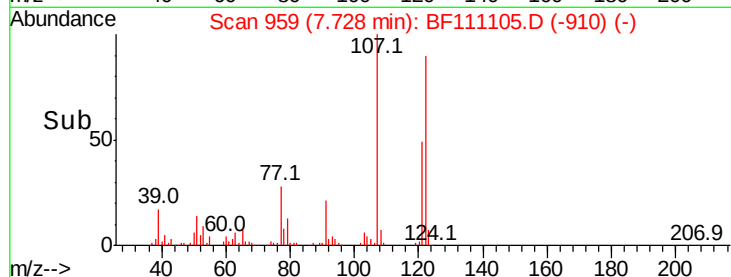
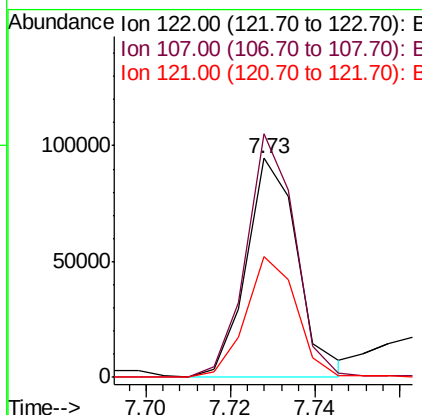
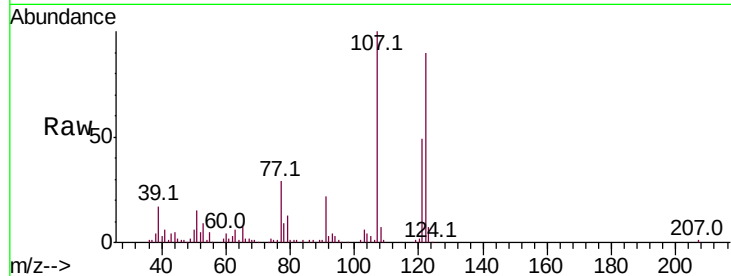




#27
 2,4-Dimethylphenol
 Concen: 3.040 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

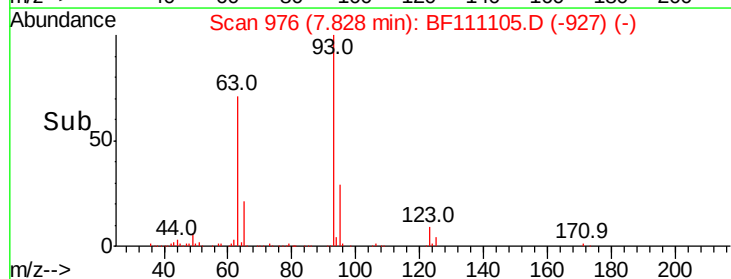
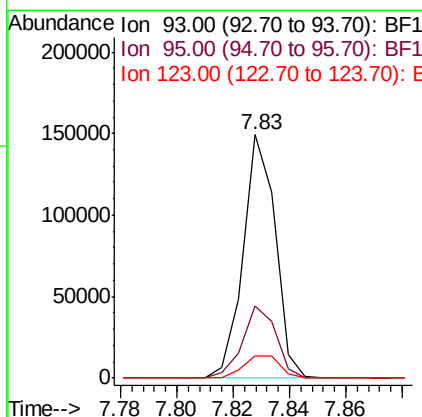
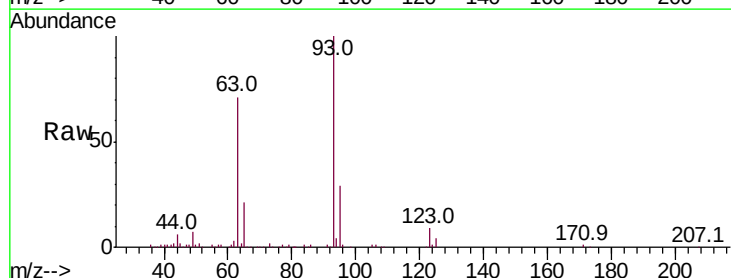
Instrument :
 BNA_F
 ClientSampleId :

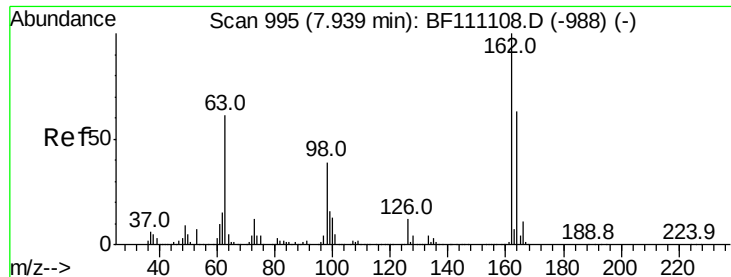
Tot Ion:122 Resp: 80444
 Ion Ratio Lower Upper
 122 100
 107 111.3 92.5 138.7
 121 55.0 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.097 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion: 93 Resp: 118048
 Ion Ratio Lower Upper
 93 100
 95 29.4 26.4 39.6
 123 9.1 9.0 13.6

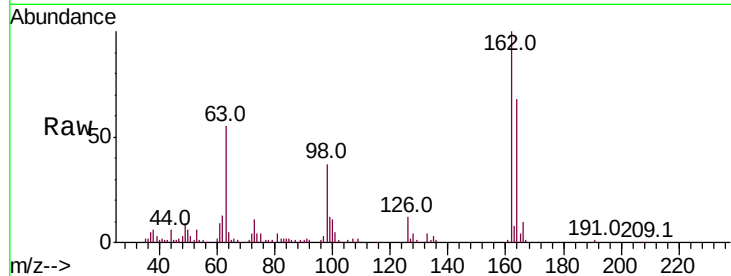




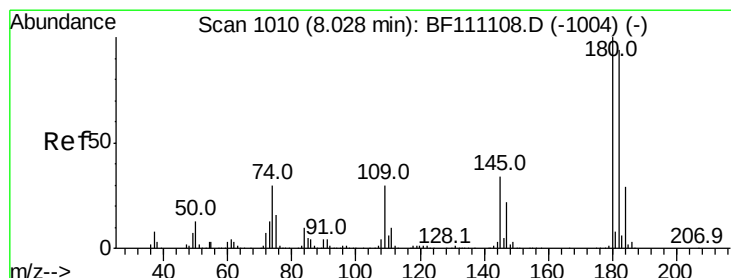
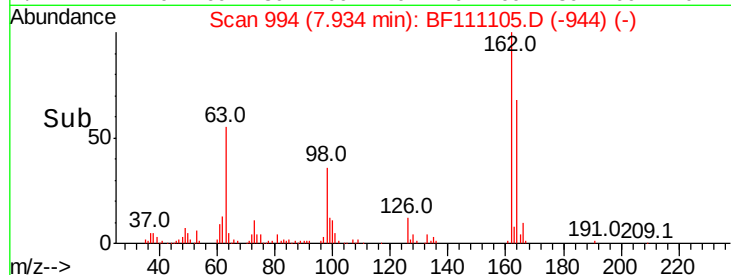
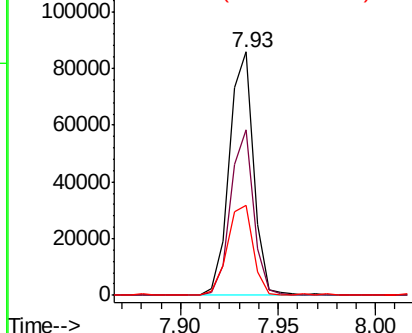
#29
 2,4-Dichlorophenol
 Concen: 2.674 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 74043
 Ion Ratio Lower Upper
 162 100
 164 68.2 44.6 84.6
 98 36.8 17.4 57.4

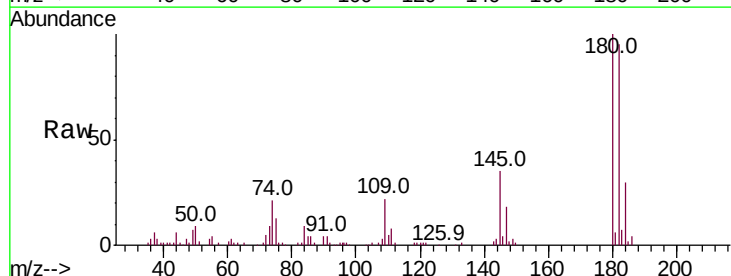


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

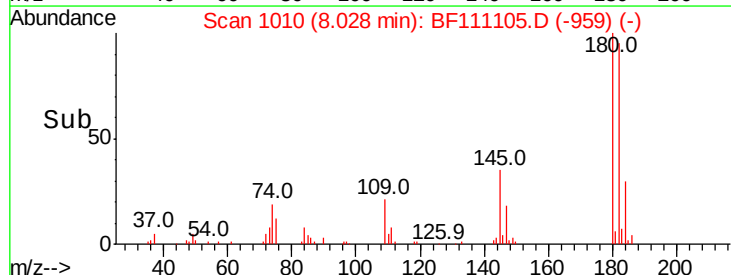
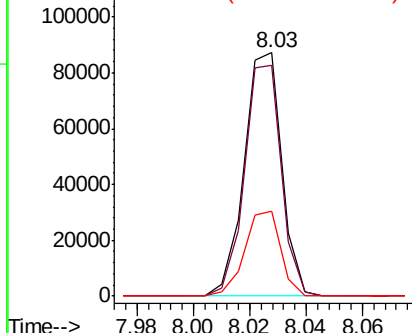


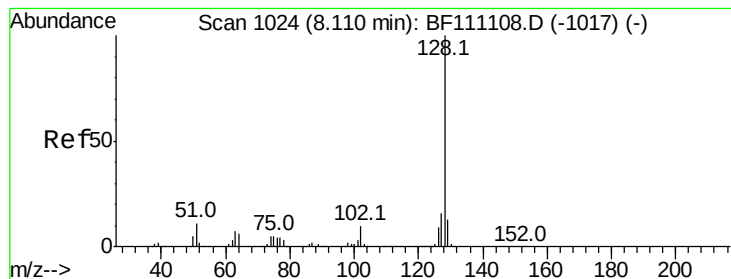
#30
 1,2,4-Trichlorobenzene
 Concen: 2.581 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion:180 Resp: 80090
 Ion Ratio Lower Upper
 180 100
 182 94.7 80.3 120.5
 145 34.8 25.4 38.0



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: 3.084 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

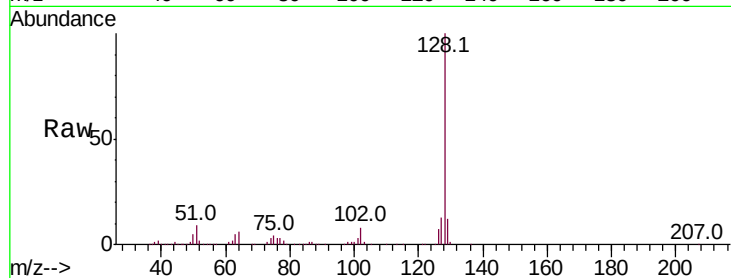
Tot Ion:128 Resp: 286938

Ion Ratio Lower Upper

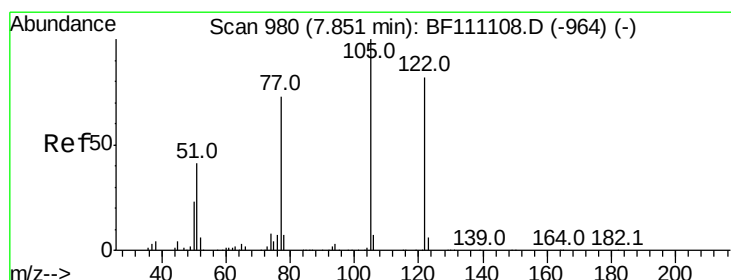
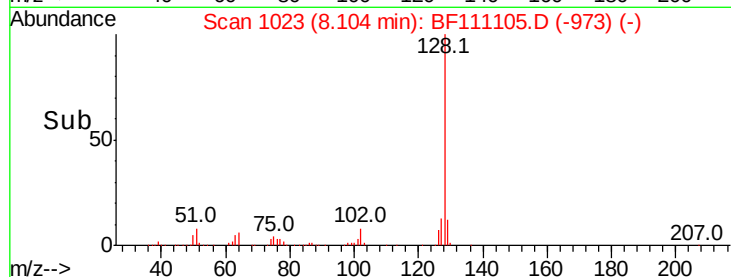
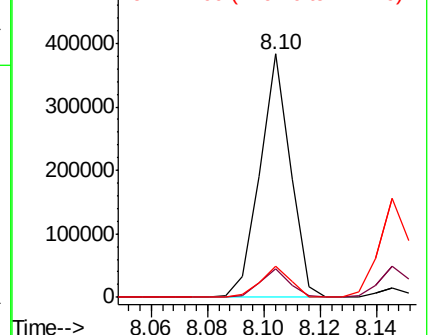
128 100

129 11.5 8.8 13.2

127 12.7 10.8 16.2



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: 1.256 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.09 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

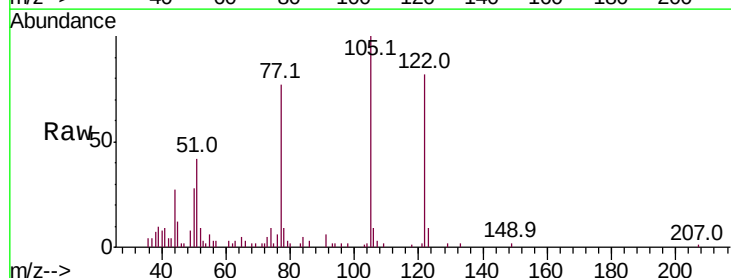
Tgt Ion:122 Resp: 24715

Ion Ratio Lower Upper

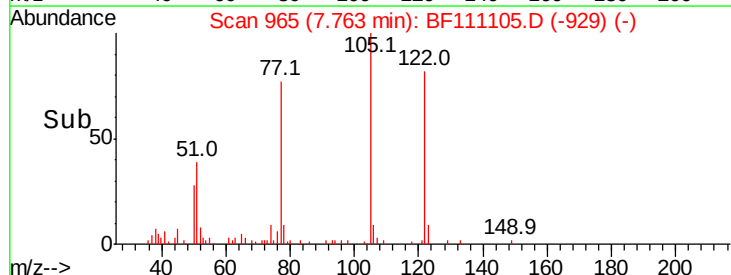
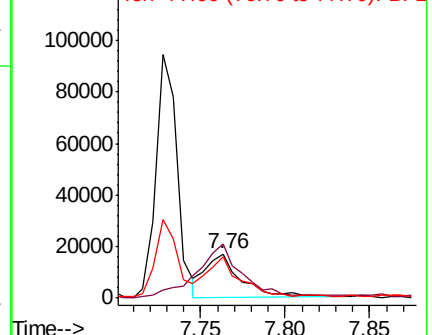
122 100

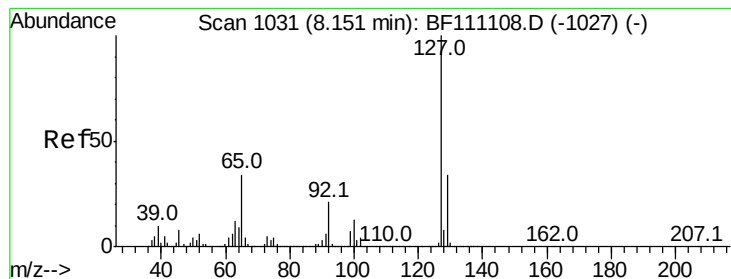
105 122.0 109.0 149.0

77 94.1 79.0 119.0



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: 2.966 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 117472

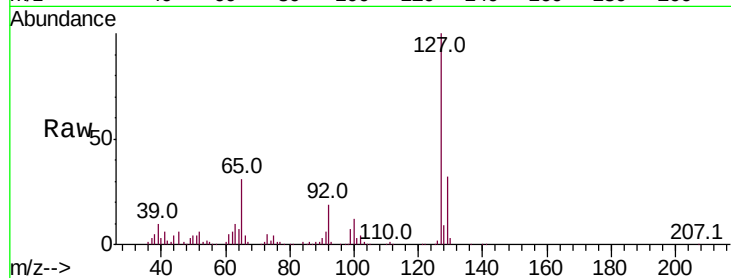
Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 30.8 25.1 37.7

92 18.9 15.0 22.6

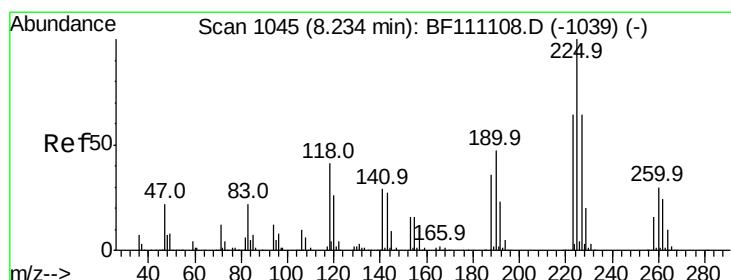
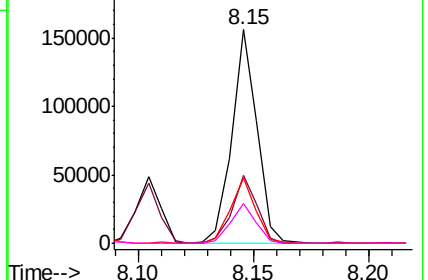
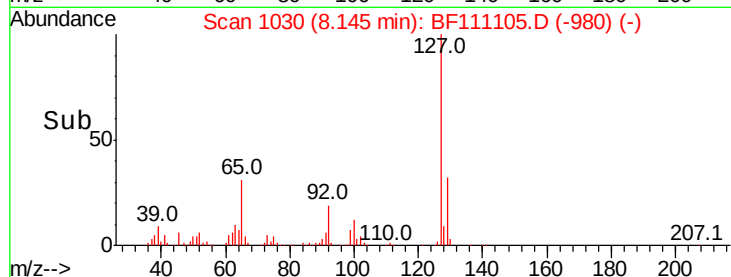


Abundance Ion 127.00 (126.70 to 127.70): E

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: 2.373 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

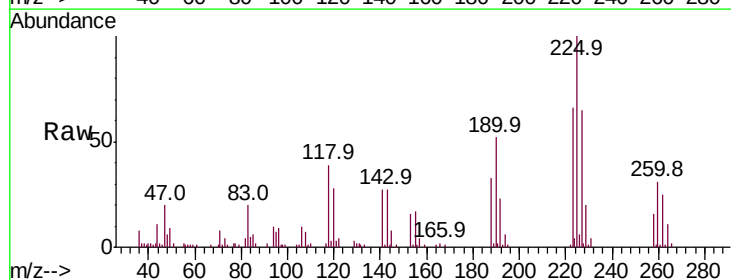
Tgt Ion:225 Resp: 41951

Ion Ratio Lower Upper

225 100

223 65.7 51.4 77.2

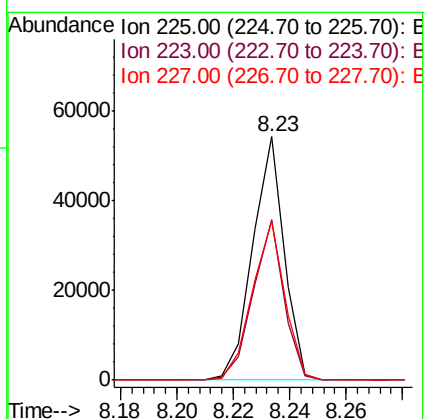
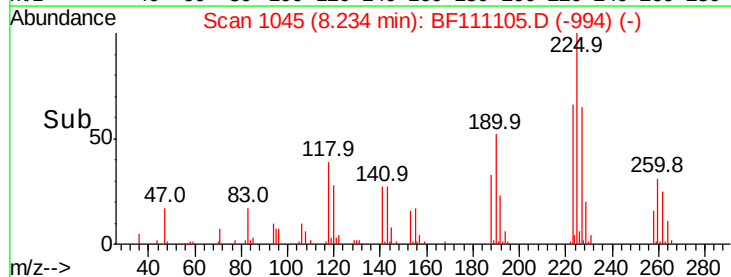
227 65.2 51.0 76.6

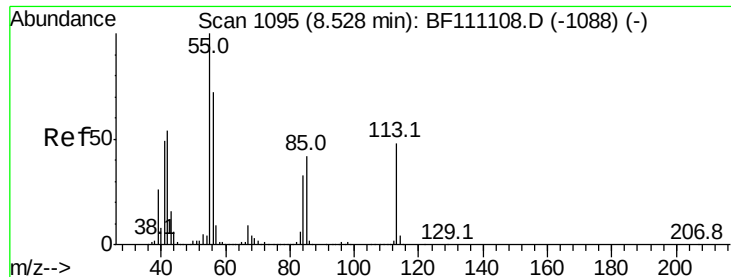


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

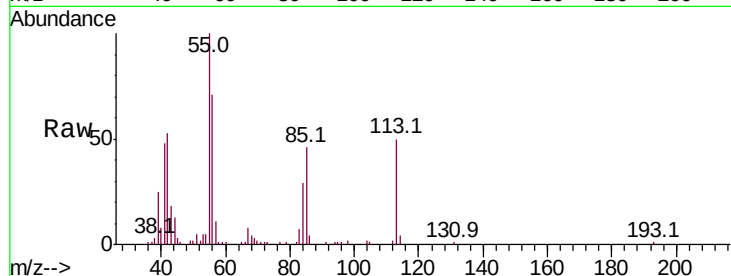




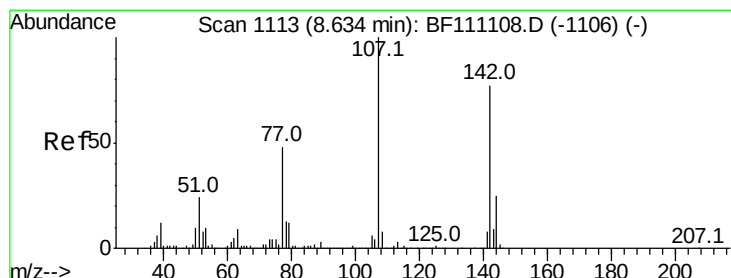
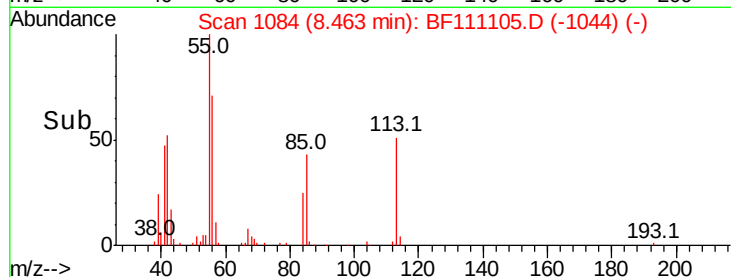
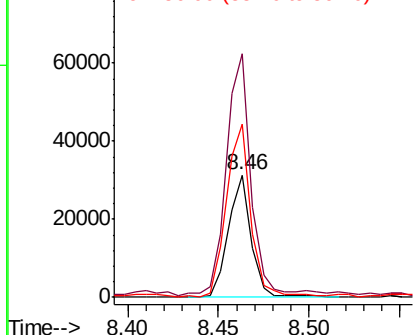
#35
 Caprolactam
 Concen: 2.925 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 27657
 Ion Ratio Lower Upper
 113 100
 55 198.6 142.8 182.8#
 56 141.0 105.0 145.0

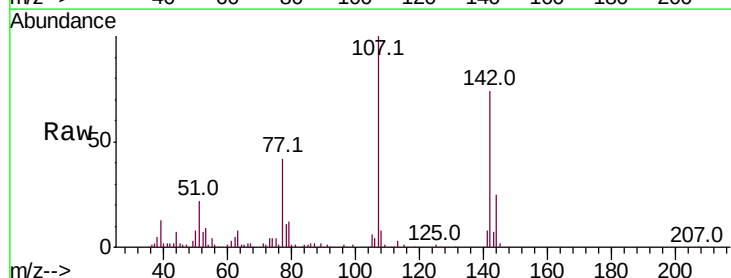


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

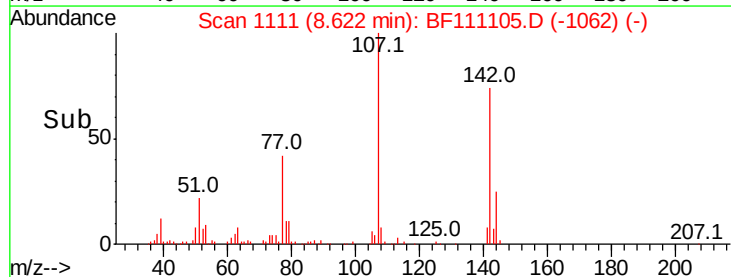
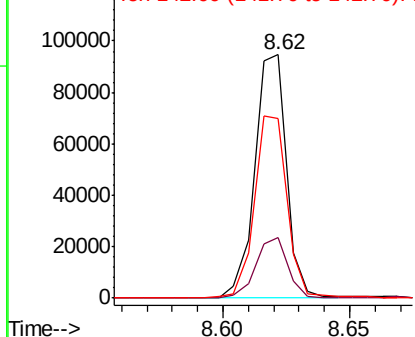


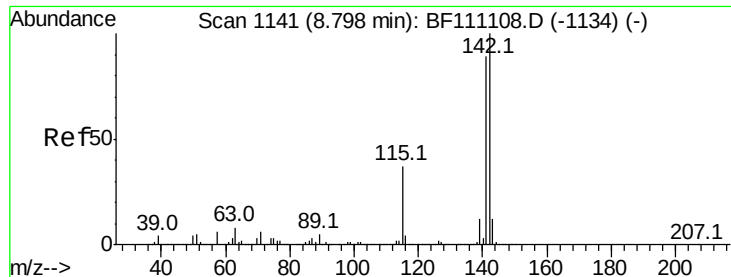
#36
 4-Chloro-3-methylphenol
 Concen: 2.710 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion:107 Resp: 83374
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 73.6 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

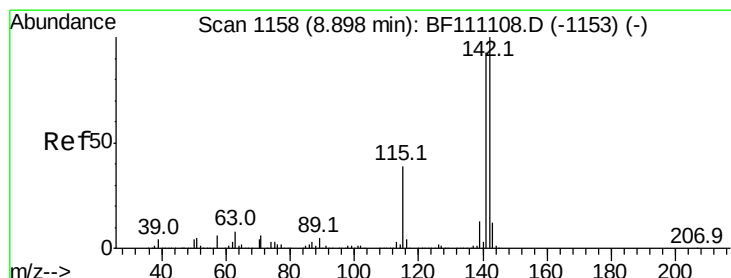
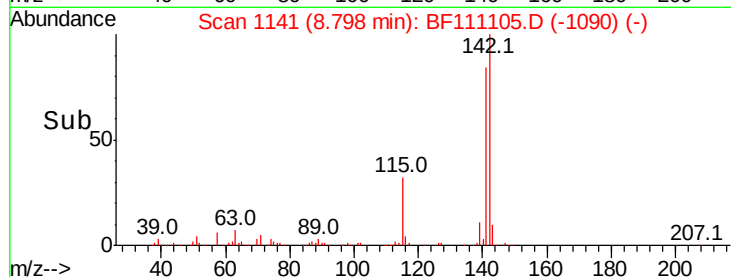
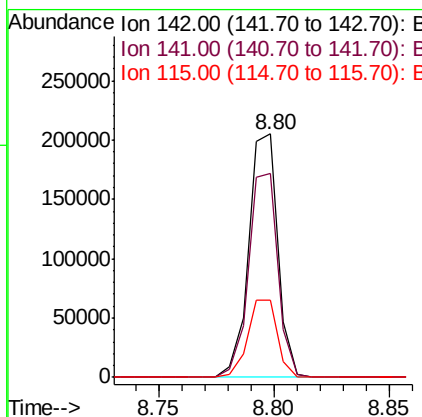
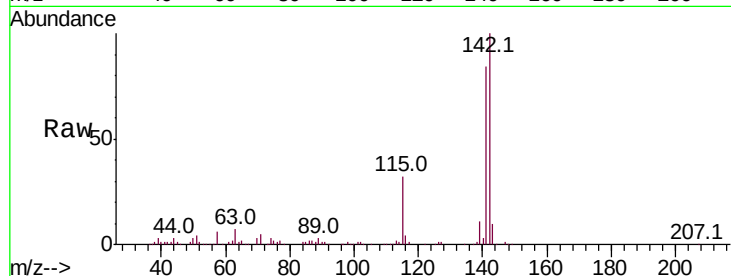




#37
2-Methylnaphthalene
Concen: 2.947 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

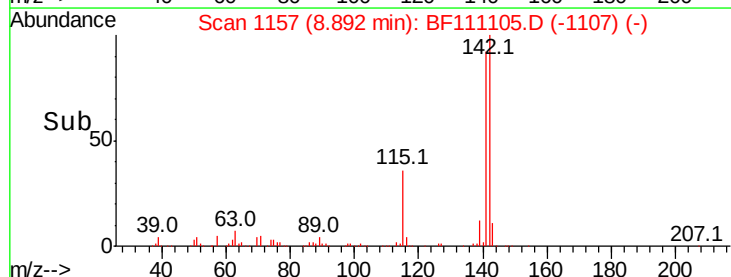
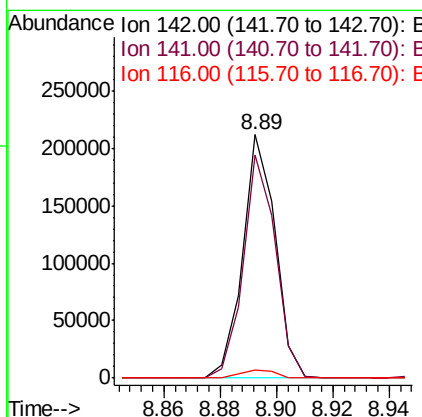
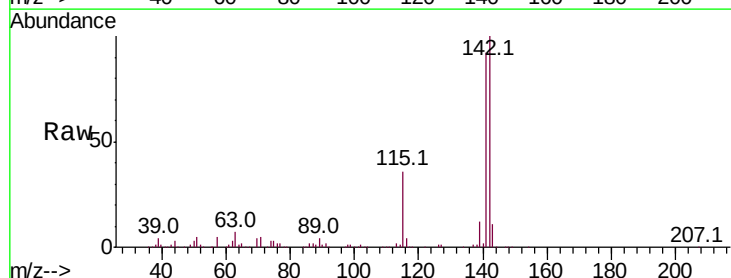
Instrument :
BNA_F
ClientSampleId :

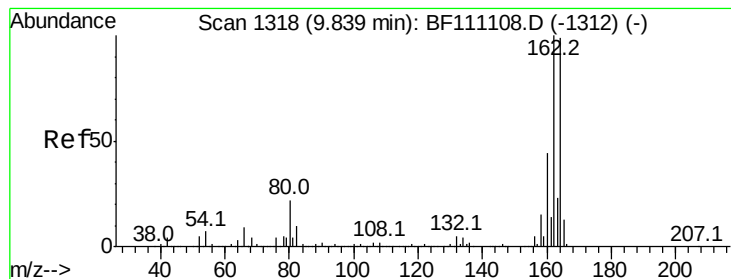
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.7	71.4	107.2
115	31.7	28.7	43.1



#38
1-Methylnaphthalene
Concen: 2.830 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.6	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampled :

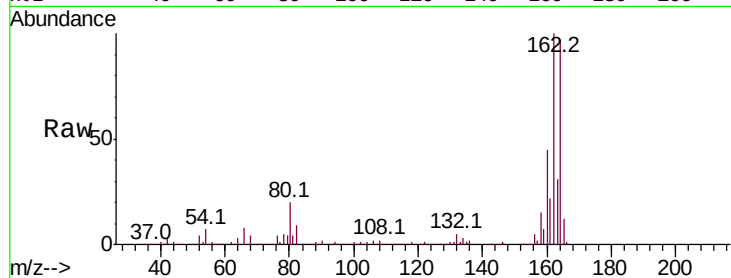
Tot Ion:164 Resp: 947588

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

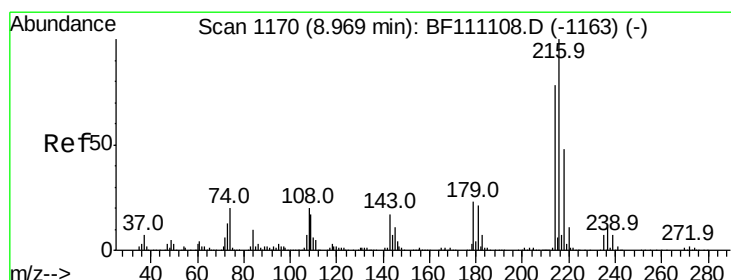
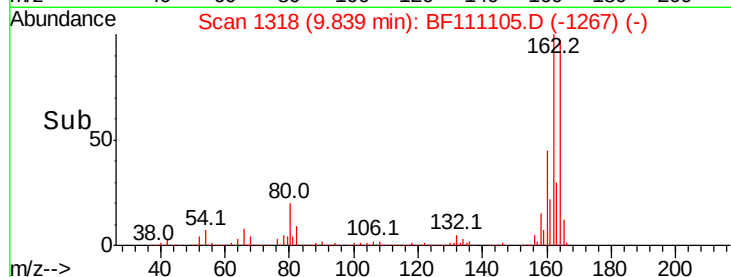
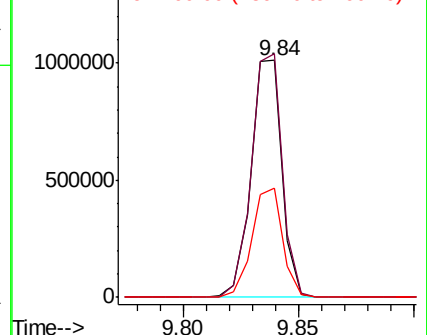
160 46.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.508 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Tgt Ion:216 Resp: 74772

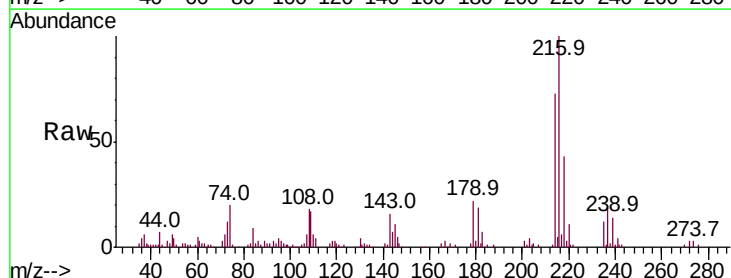
Ion Ratio Lower Upper

216 100

214 76.1 63.8 95.6

179 23.2 16.6 25.0

108 22.3 15.1 22.7

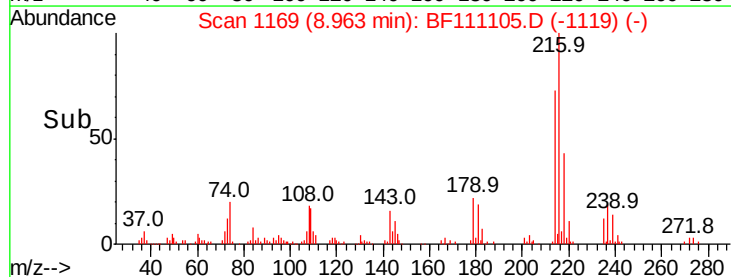
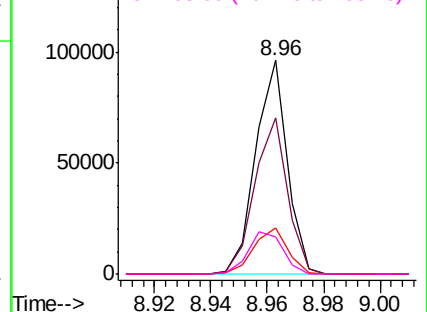


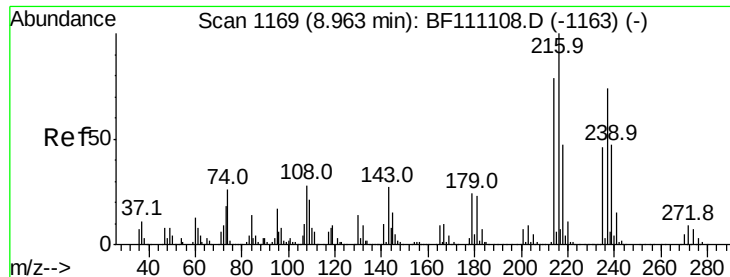
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.846 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

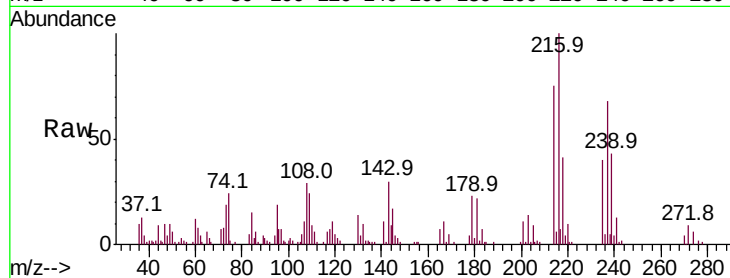
Tot Ion:237 Resp: 32532

Ion Ratio Lower Upper

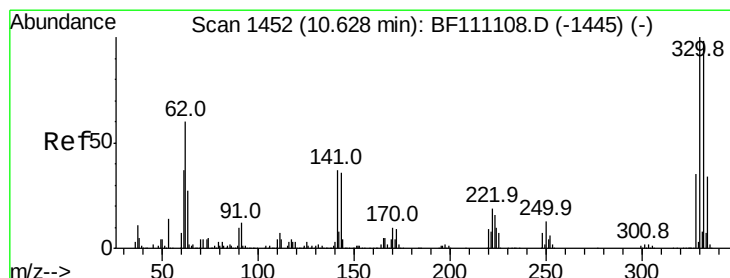
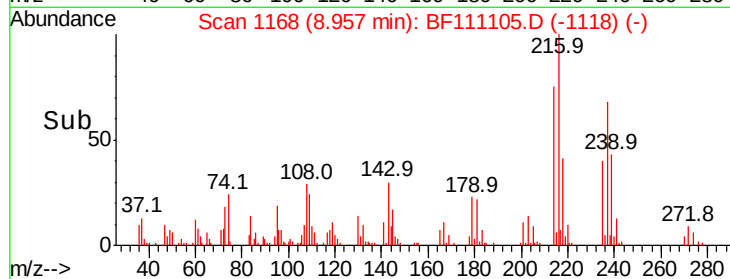
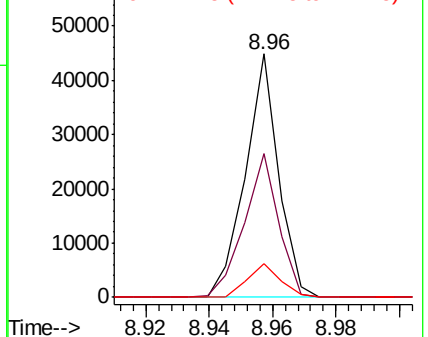
237 100

235 58.9 43.1 83.1

272 13.8 0.0 32.6



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: 4.286 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

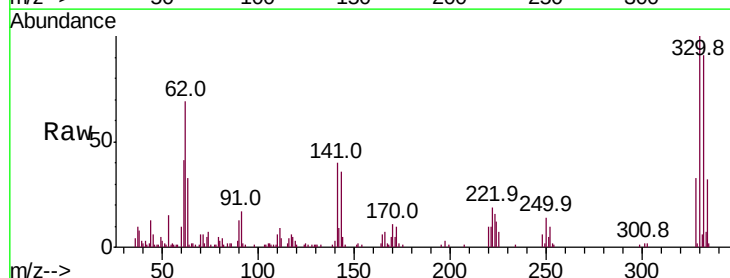
Tgt Ion:330 Resp: 40331

Ion Ratio Lower Upper

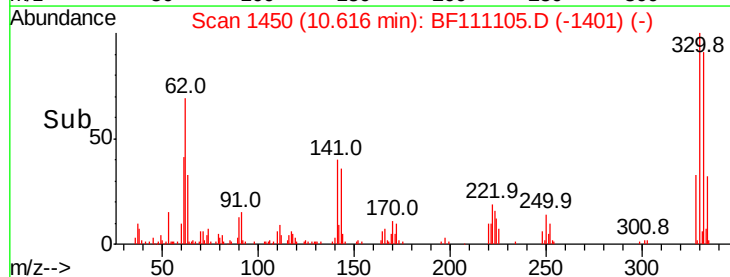
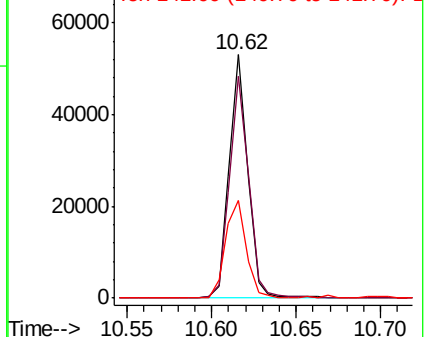
330 100

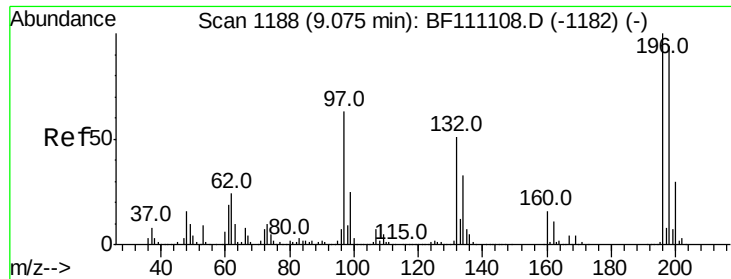
332 94.6 77.1 115.7

141 44.8 27.0 40.4#



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

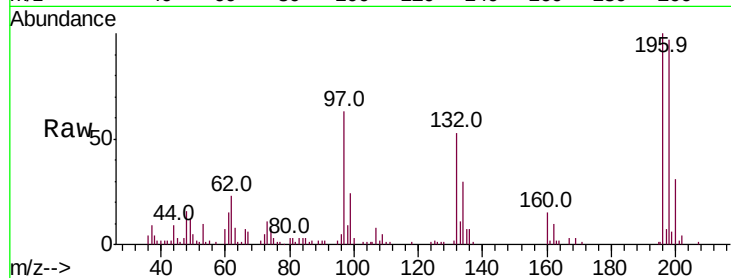




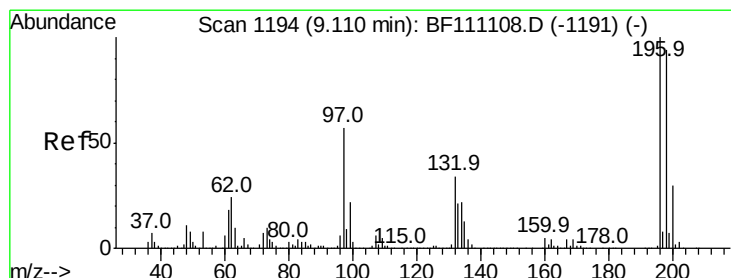
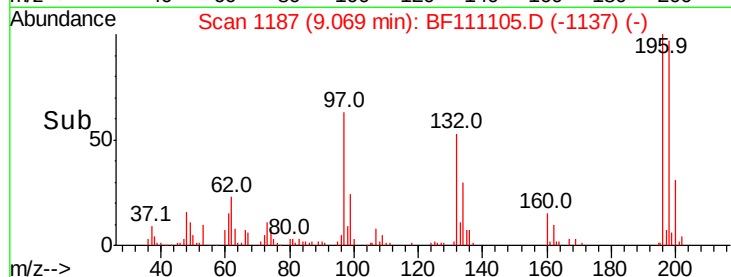
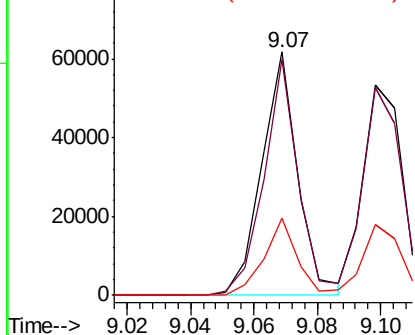
#43
 2,4,6-Trichlorophenol
 Concen: 2.758 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 49100
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.2 114.4
 200 31.5 24.4 36.6

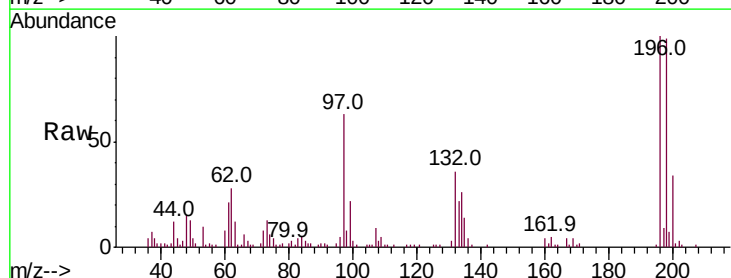


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

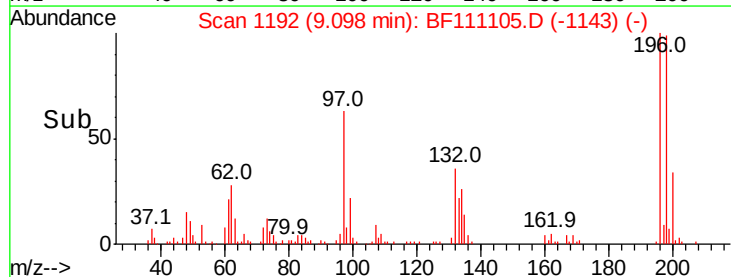
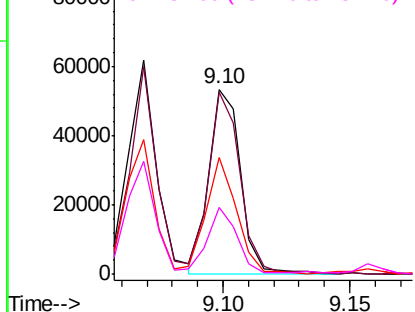


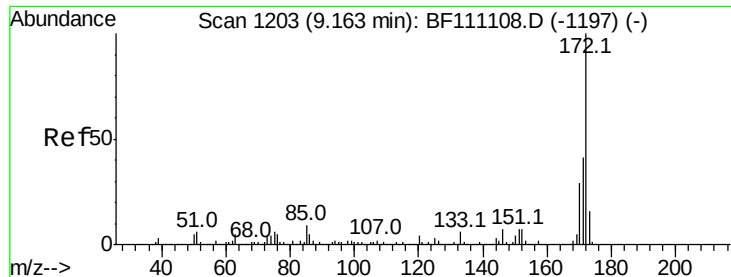
#44
 2,4,5-Trichlorophenol
 Concen: 2.498 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion:196 Resp: 46825
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.8 113.6
 97 62.7 42.4 63.6
 132 36.2 22.8 34.2#



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

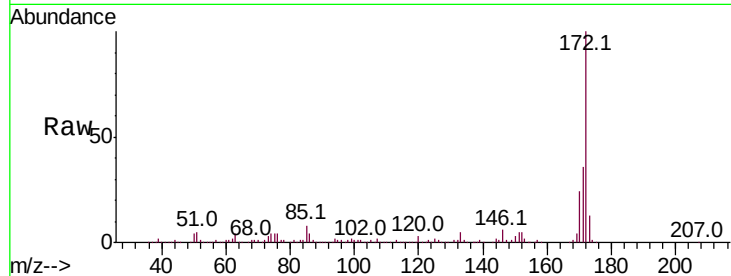




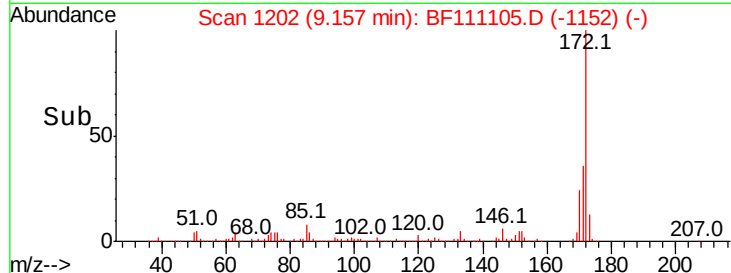
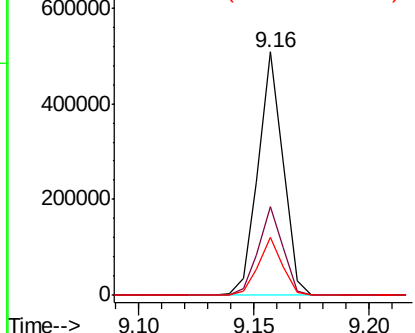
#45
2-Fluorobiphenyl
Concen: 5.896 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 385664
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.1 19.7 29.5

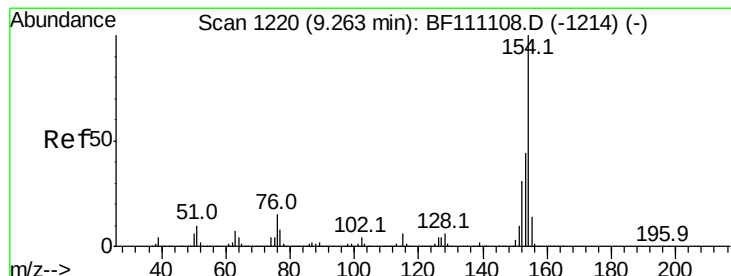


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

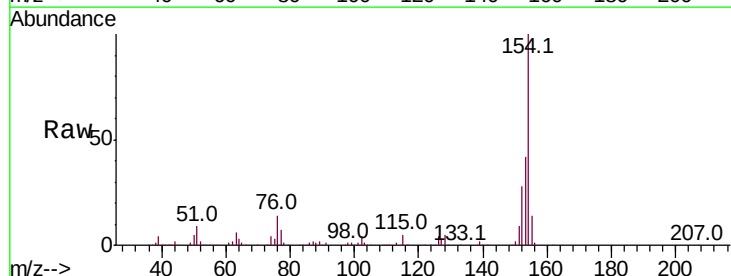
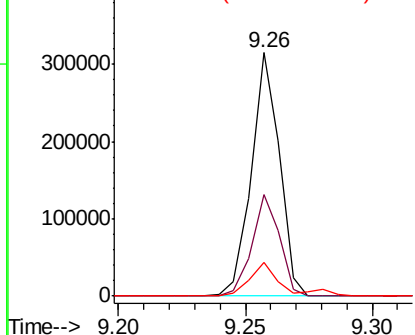


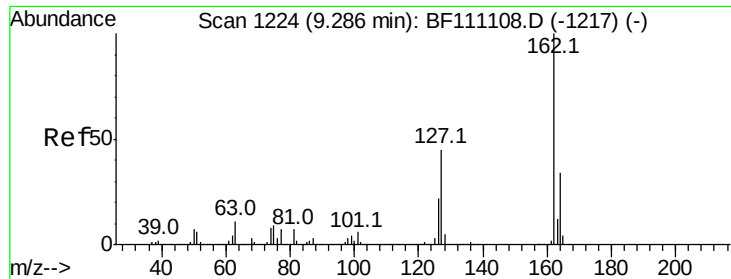
#46
1,1'-Biphenyl
Concen: 2.771 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:154 Resp: 242080
Ion Ratio Lower Upper
154 100
153 41.6 20.4 60.4
76 13.8 0.0 31.9



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

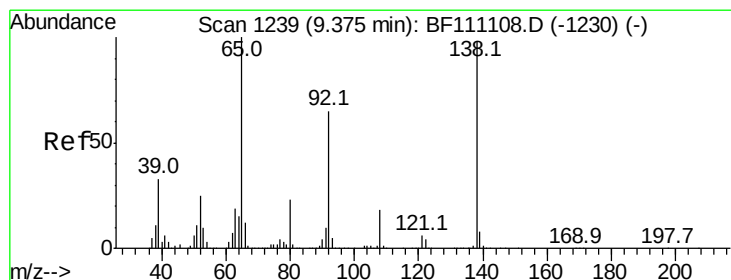
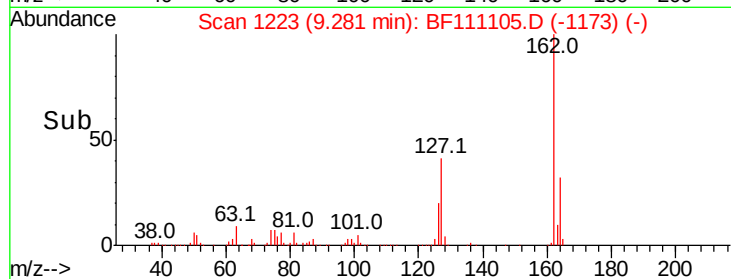
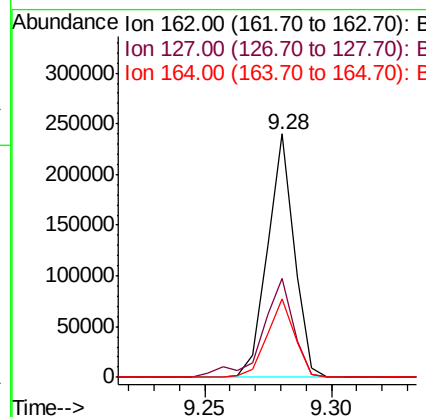
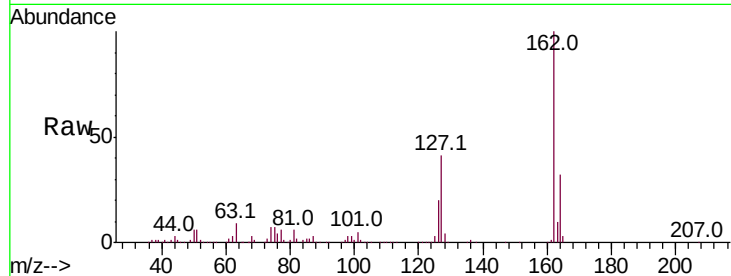




#47
 2-Chloronaphthalene
 Concen: 2.801 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

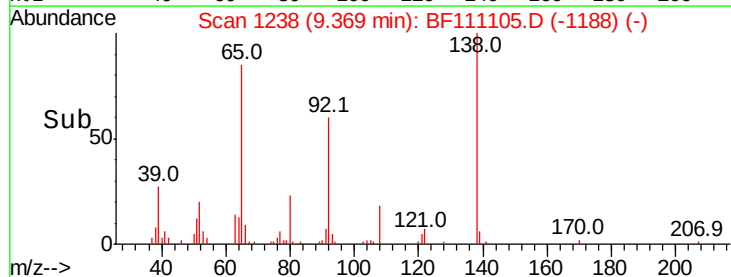
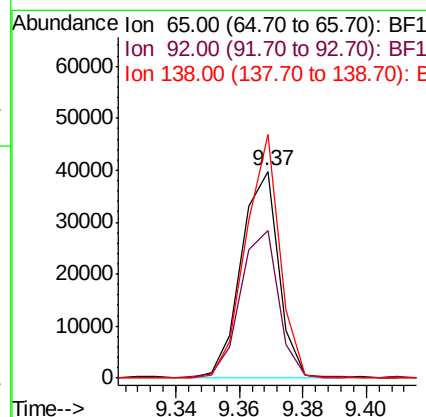
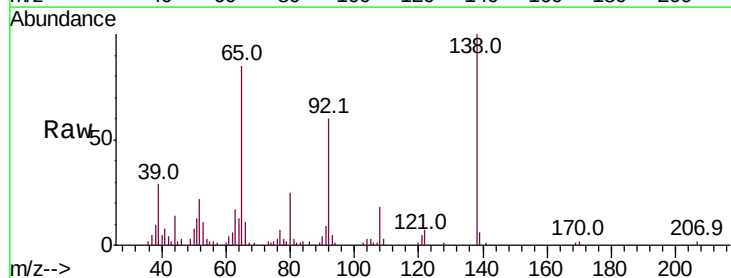
Instrument :
 BNA_F
 ClientSampleId :

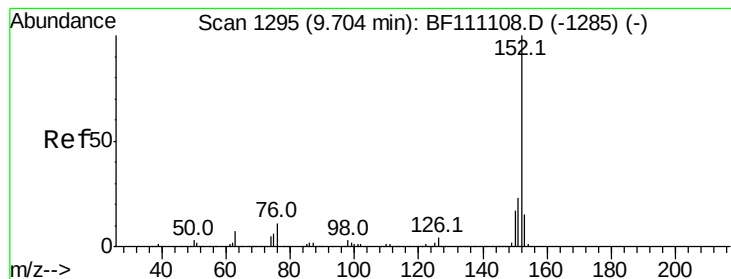
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	32.4	25.9	38.9



#48
 2-Nitroaniline
 Concen: 1.642 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	54.6	81.8
138	117.8	80.3	120.5





#49

Acenaphthylene

Concen: 3.011 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

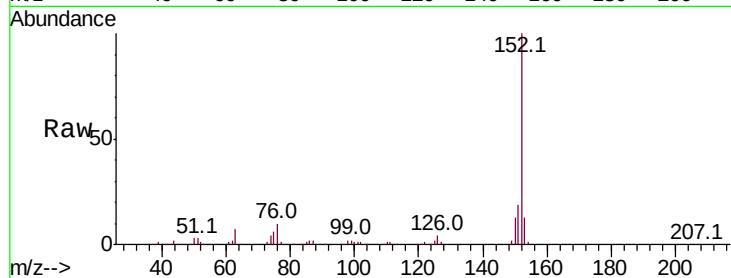
Tot Ion:152 Resp: 271223

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8

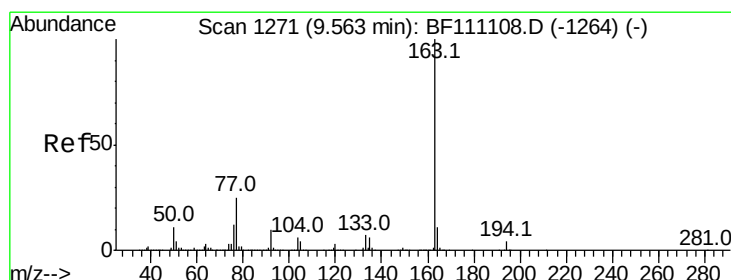
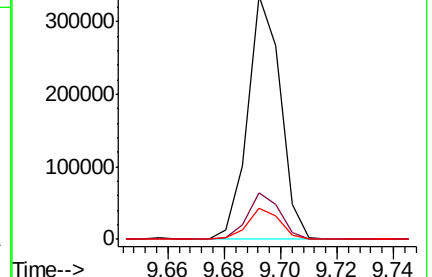
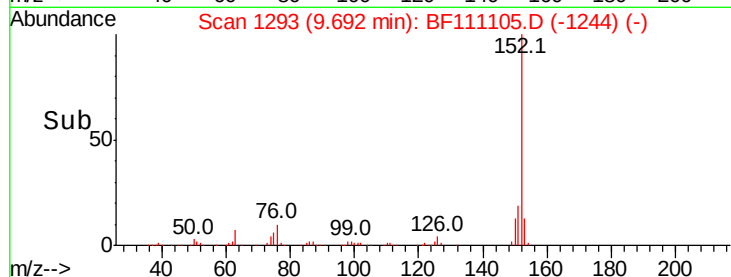
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.793 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

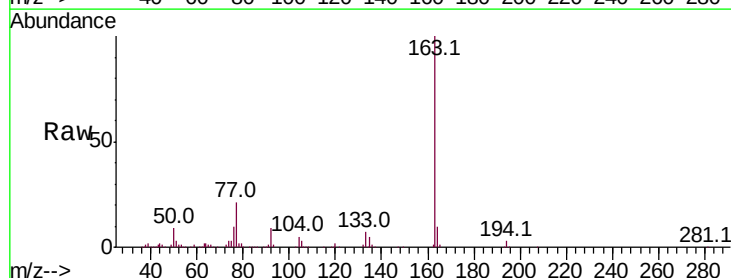
Tgt Ion:163 Resp: 194117

Ion Ratio Lower Upper

163 100

194 3.2 3.2 4.8

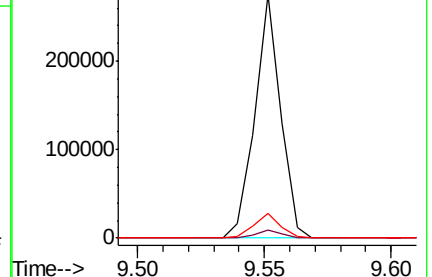
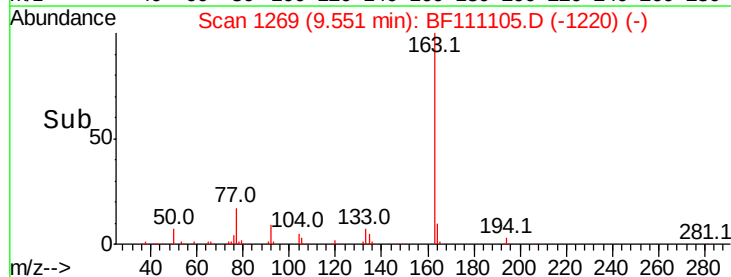
164 9.9 8.1 12.1

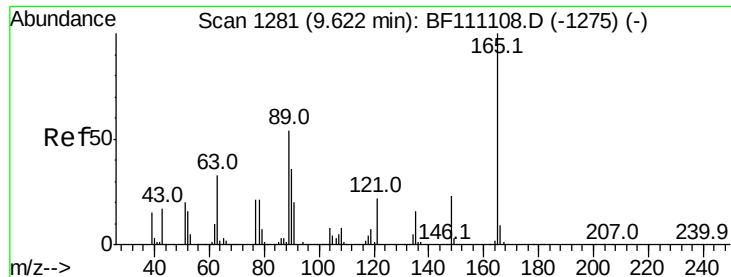


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

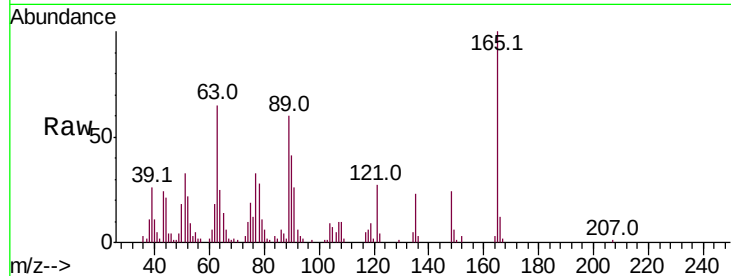




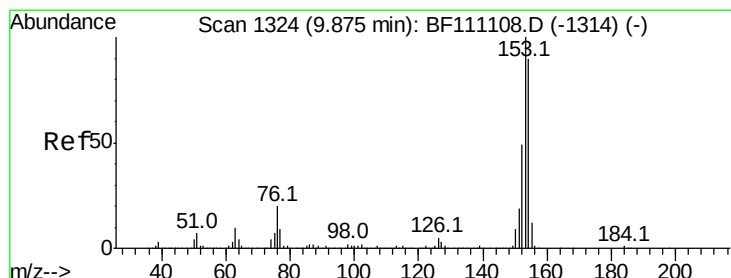
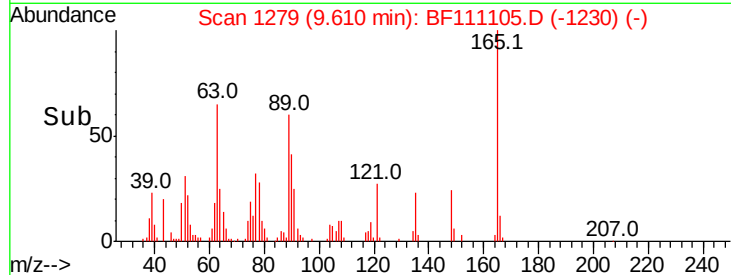
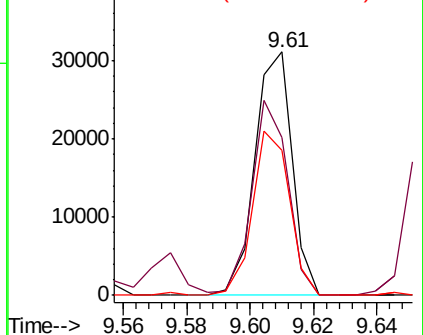
#51
 2,6-Dinitrotoluene
 Concen: 1.645 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25457
 Ion Ratio Lower Upper
 165 100
 63 64.6 48.9 73.3
 89 59.8 46.6 69.8

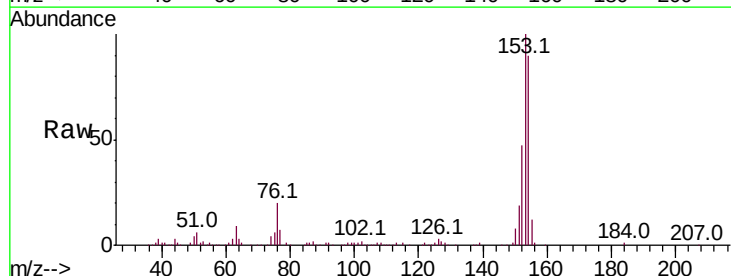


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

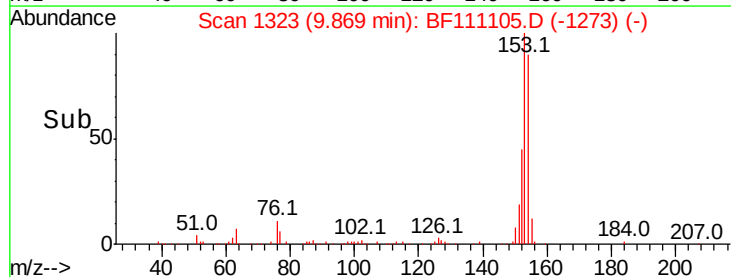
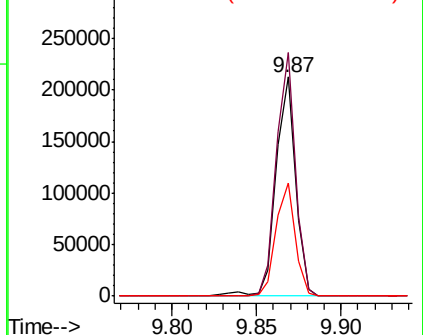


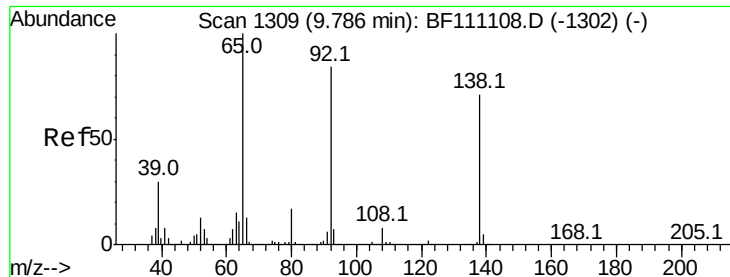
#52
 Acenaphthene
 Concen: 2.914 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion:154 Resp: 168255
 Ion Ratio Lower Upper
 154 100
 153 111.1 90.1 135.1
 152 51.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

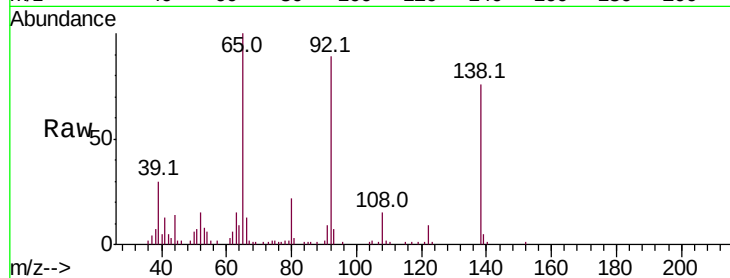




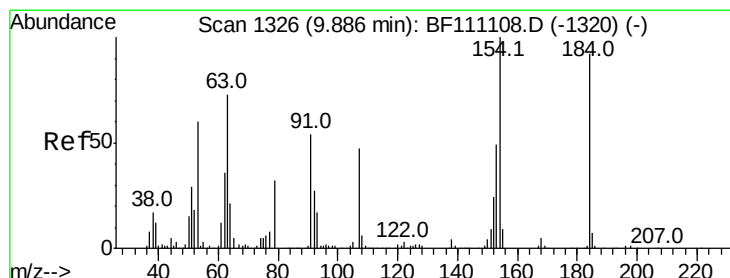
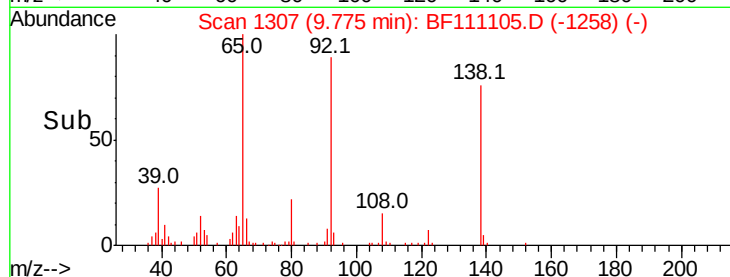
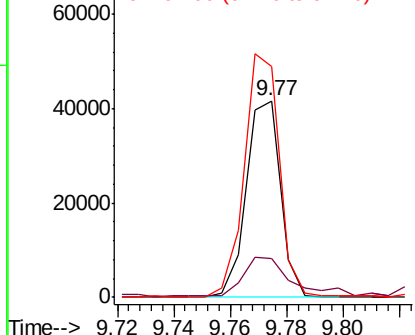
#53
3-Nitroaniline
Concen: 1.949 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 35145
Ion Ratio Lower Upper
138 100
108 19.9 8.7 13.1#
92 117.3 97.0 145.4

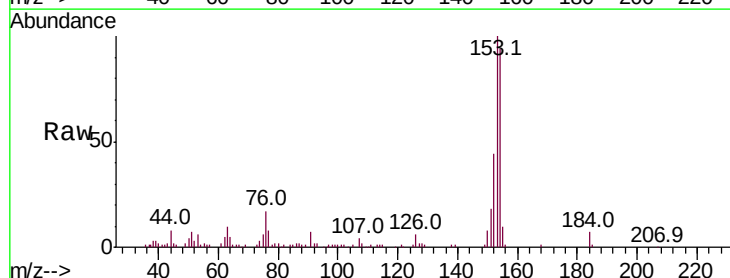


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

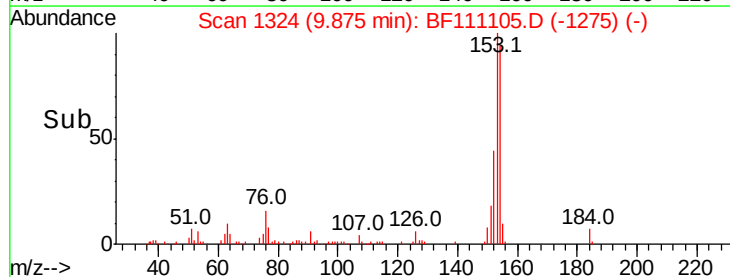
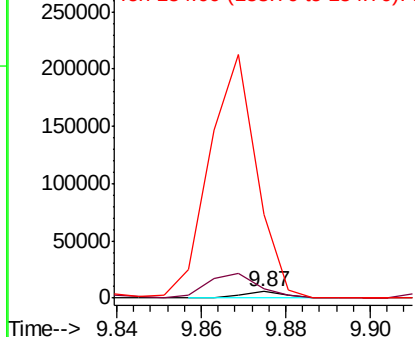


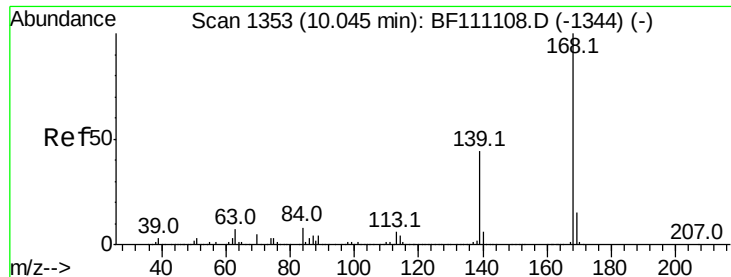
#54
2,4-Dinitrophenol
Concen: 0.801 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:184 Resp: 3937
Ion Ratio Lower Upper
184 100
63 149.2 55.8 83.6#
154 1337.7 63.2 94.8#



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

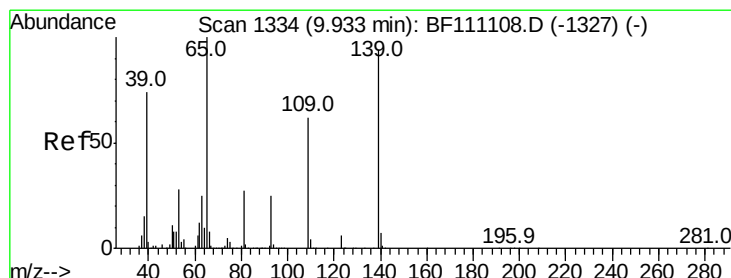
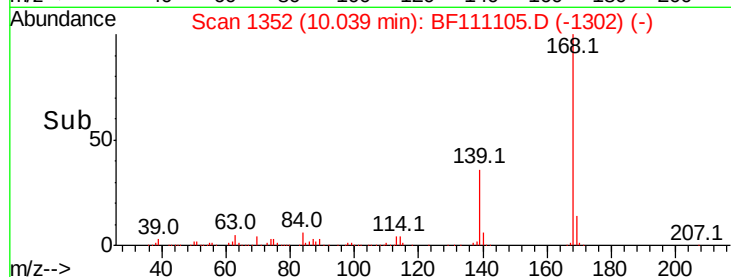
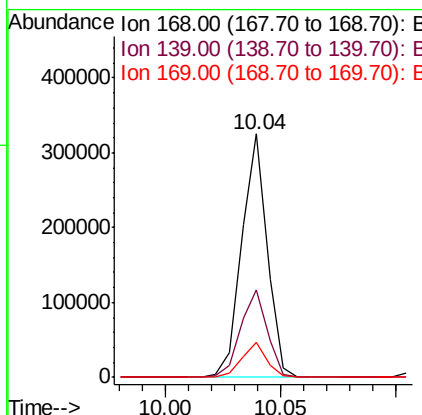
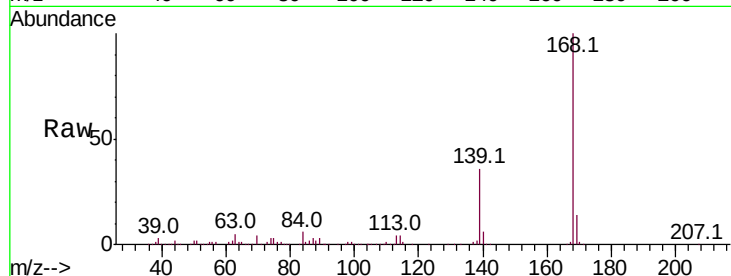




#55
Dibenzofuran
Concen: 2.965 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

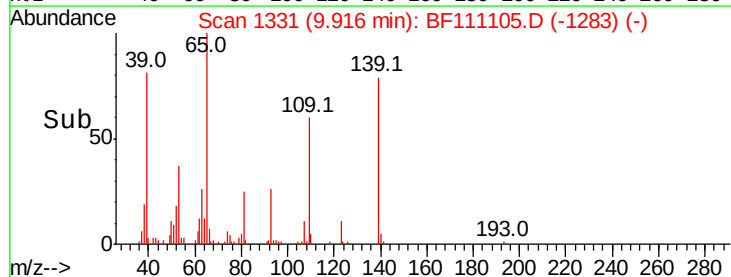
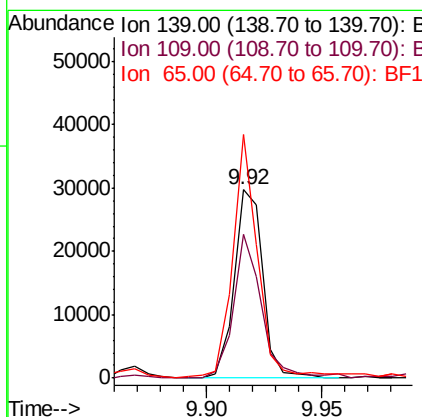
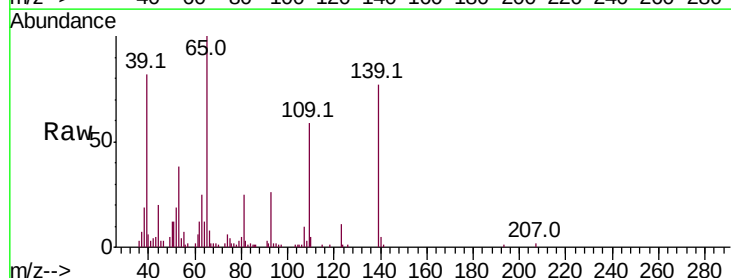
Instrument :
BNA_F
ClientSampleId :

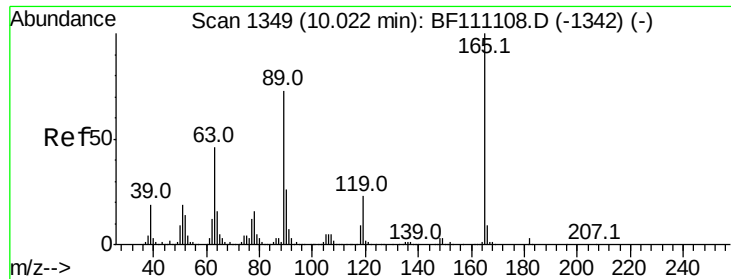
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	33.0	49.6
169	14.1	11.3	16.9



#56
4-Nitrophenol
Concen: 2.846 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	55.8	95.8
65	129.3	77.9	117.9#





#57

2,4-Dinitrotoluene

Concen: 1.285 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 25795

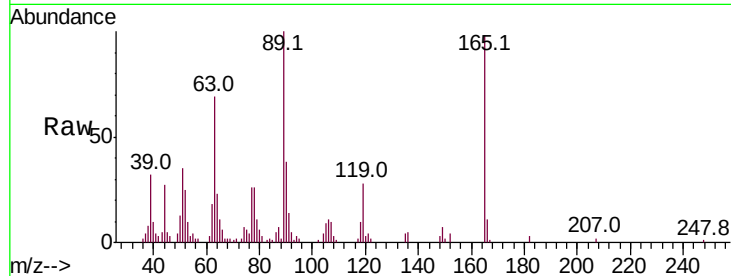
Ion Ratio Lower Upper

165 100

63 70.3 44.8 67.2#

89 102.4 62.2 93.4#

182 3.6 2.1 3.1#

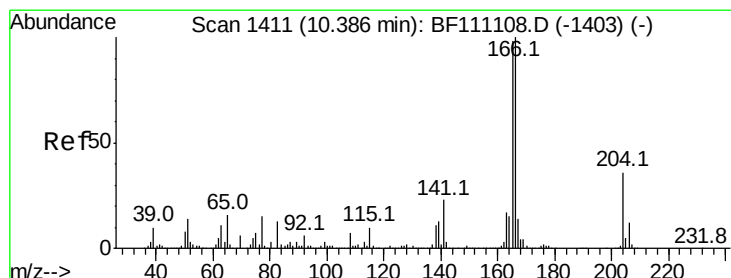
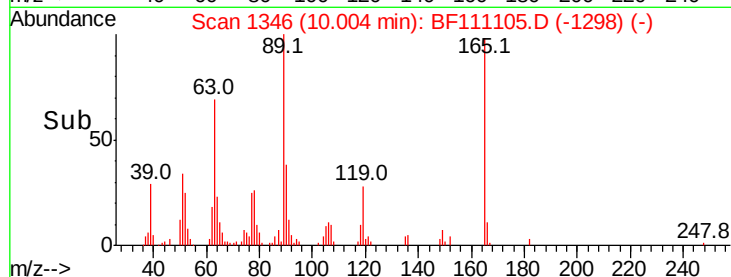
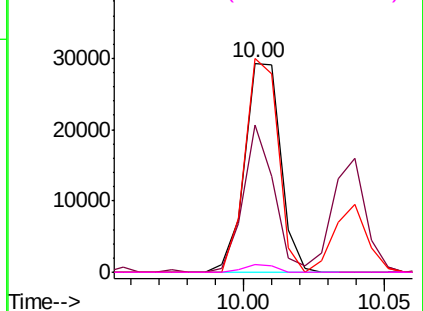


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 2.840 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

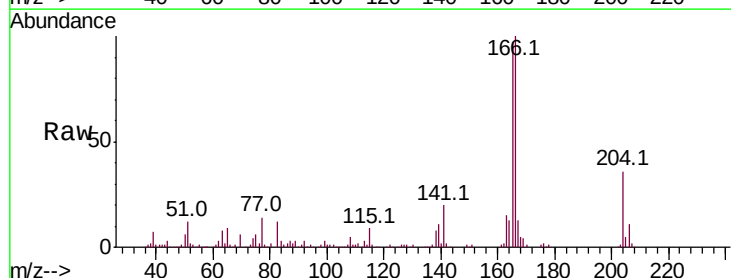
Tgt Ion:166 Resp: 186118

Ion Ratio Lower Upper

166 100

165 96.8 78.6 117.8

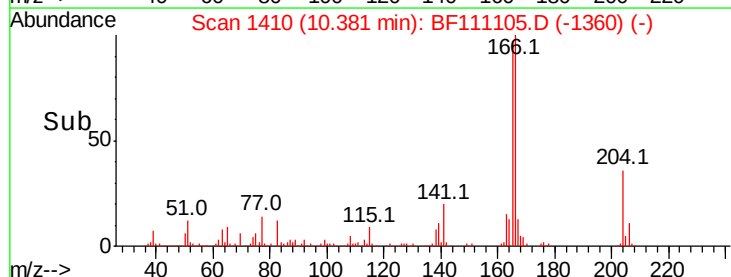
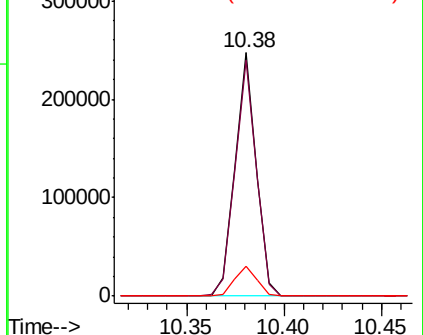
167 12.5 10.8 16.2

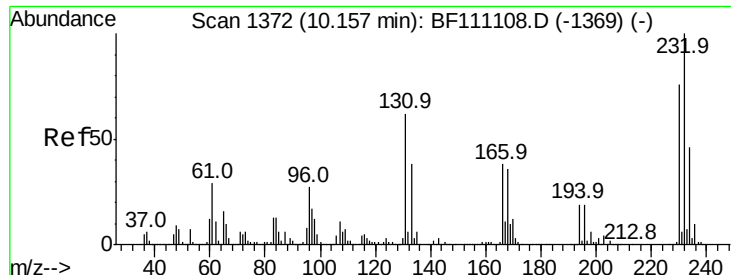


Abundance Ion 166.00 (165.70 to 166.70): E

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: 2.275 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 35004

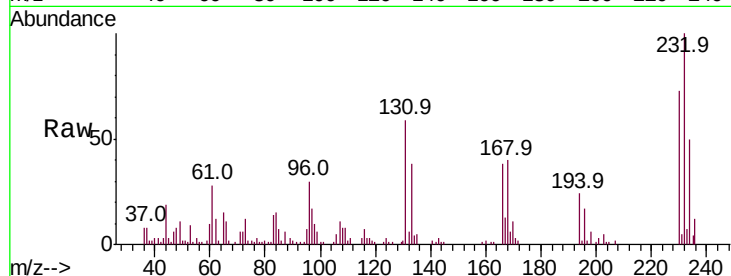
Ion Ratio Lower Upper

232 100

131 56.3 37.0 55.4#

130 3.1 1.8 2.6#

166 38.2 22.0 33.0#

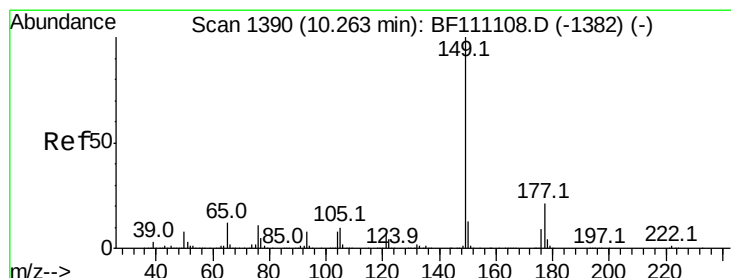
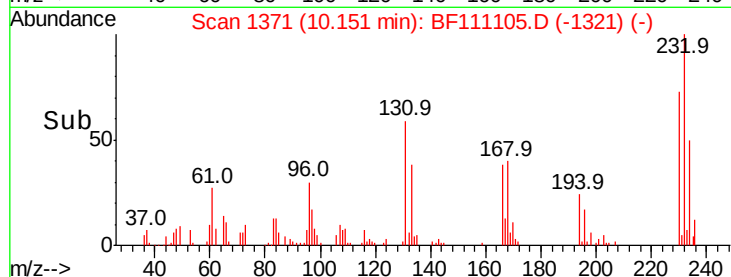
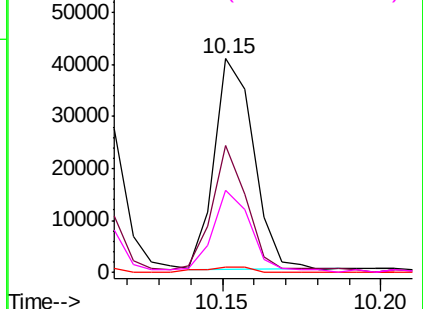


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 2.662 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

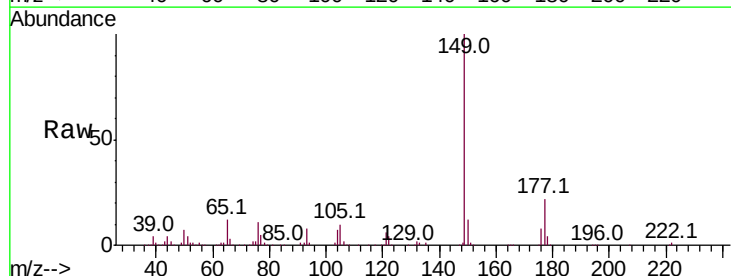
Tgt Ion:149 Resp: 190790

Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

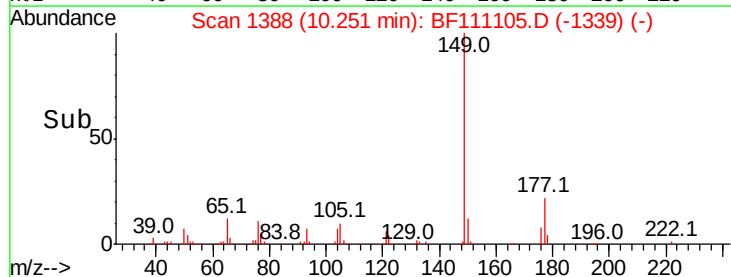
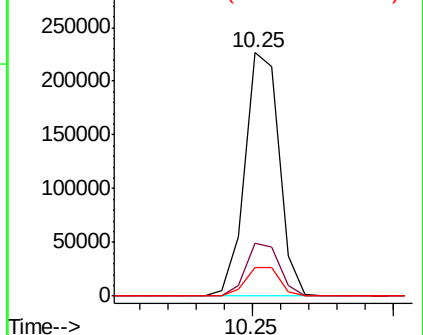
150 11.7 9.8 14.8

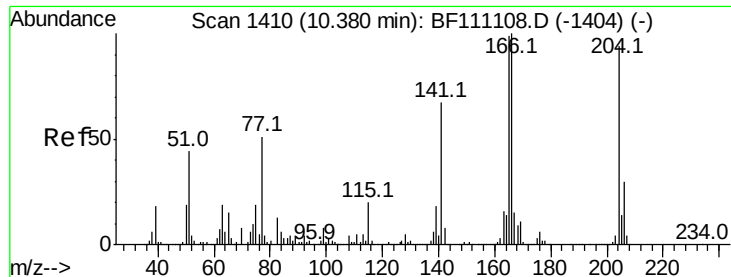


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

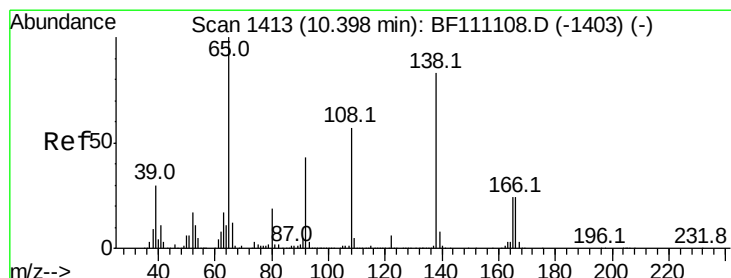
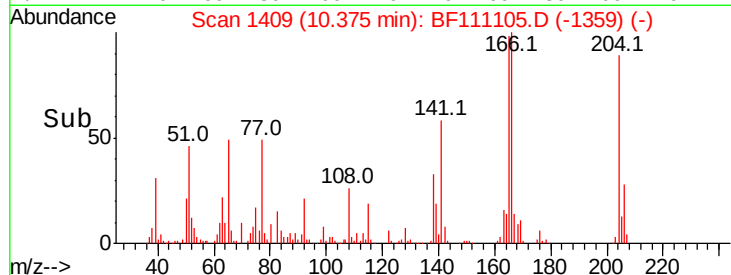
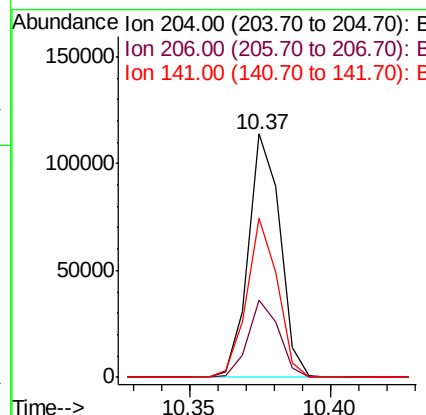
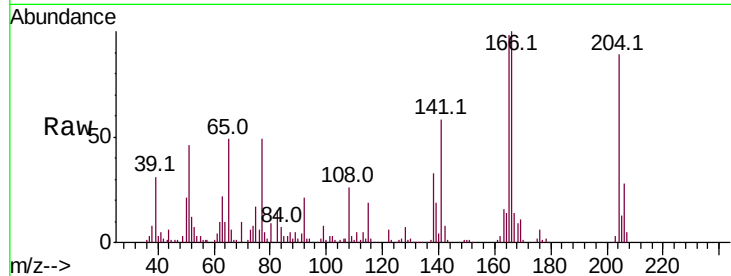




#61
 4-Chlorophenyl-phenylether
 Concen: 2.585 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

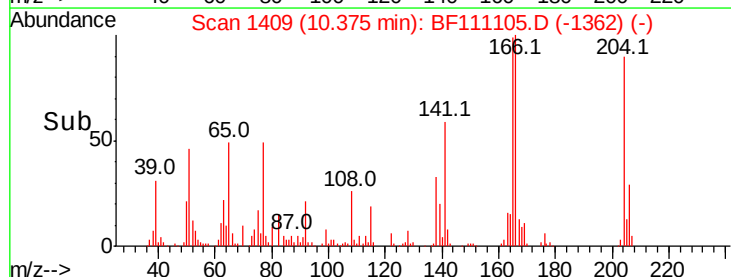
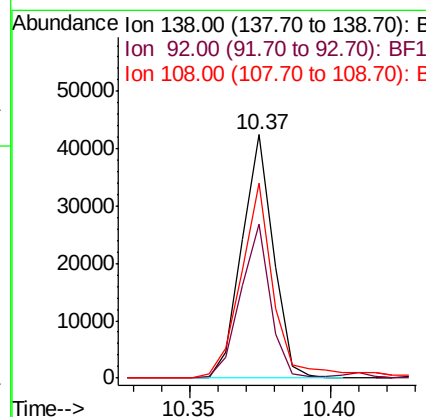
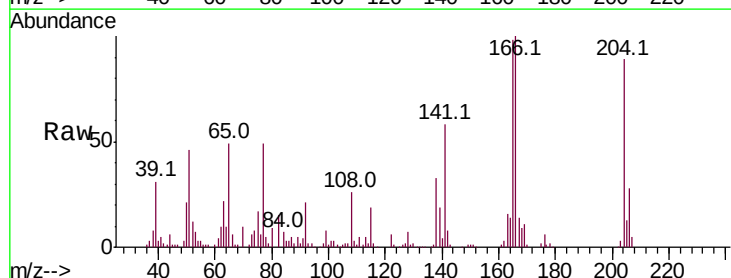
Instrument :
 BNA_F
 ClientSampleId :

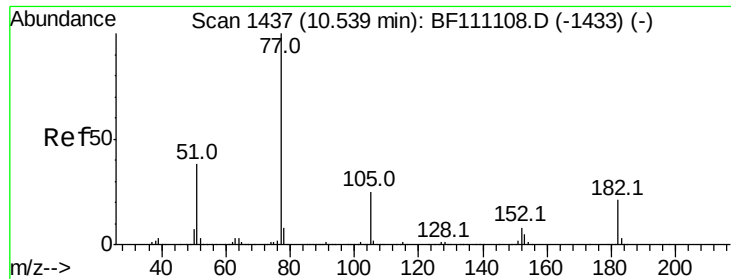
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	65.5	51.8	77.8



#62
 4-Nitroaniline
 Concen: 1.953 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF111105.D
 Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.4	31.7	71.7
108	79.9	59.3	99.3

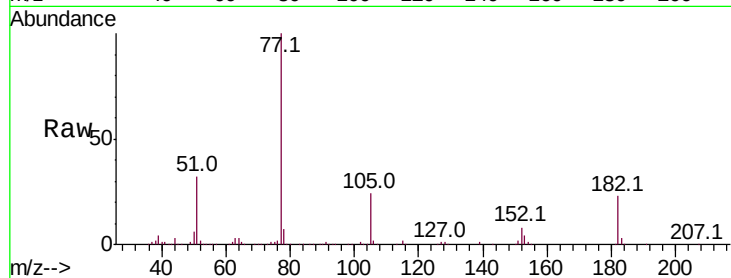




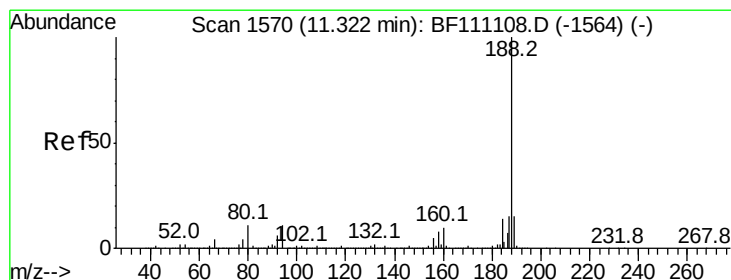
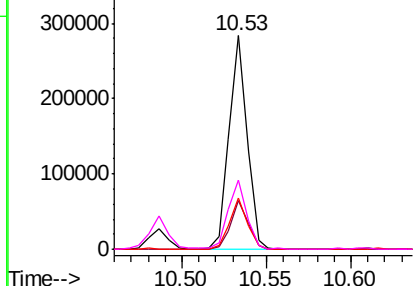
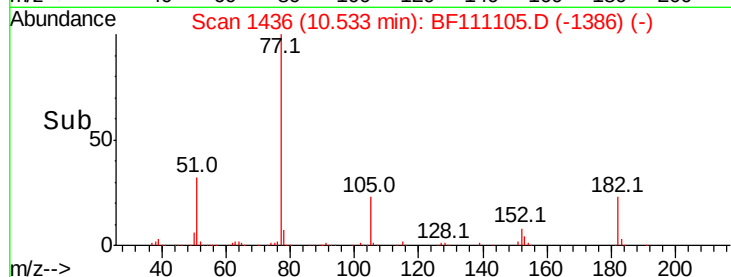
#63
Azobenzene
Concen: 3.004 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	209867
Ion	Ratio	Lower	Upper
77	100		
182	22.7	4.3	44.3
105	23.8	1.3	41.3
51	32.4	9.0	49.0

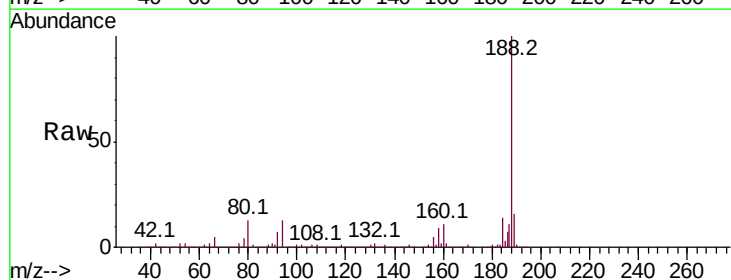


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

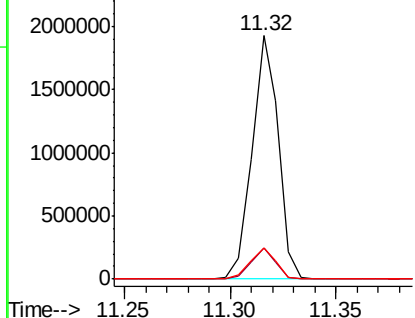
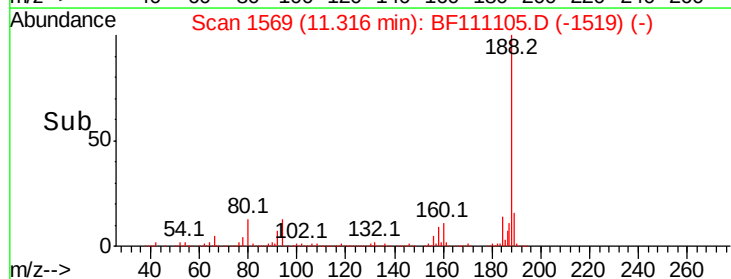


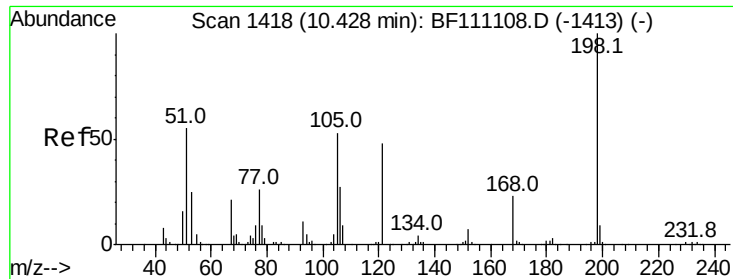
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:	188	Resp:	1653218
Ion	Ratio	Lower	Upper
188	100		
94	12.6	7.2	10.8#
80	13.0	7.9	11.9#



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

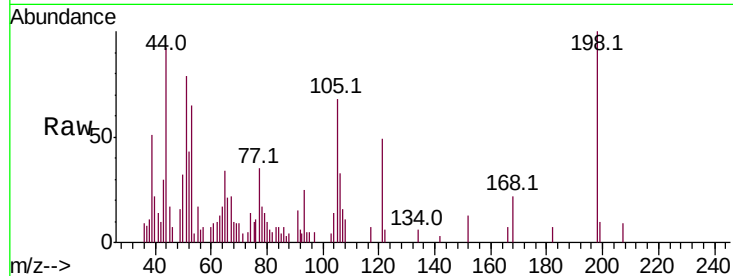




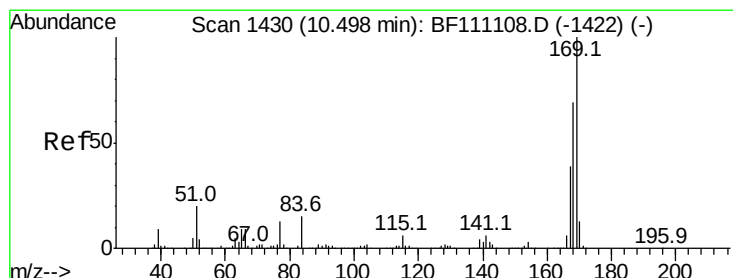
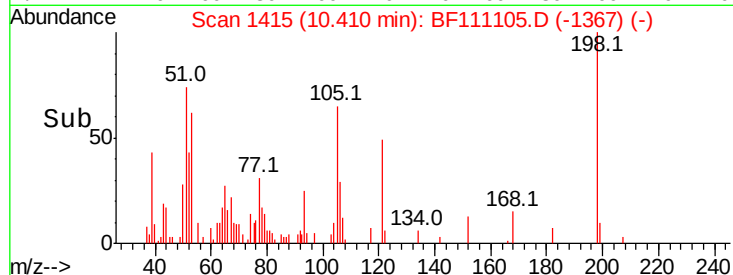
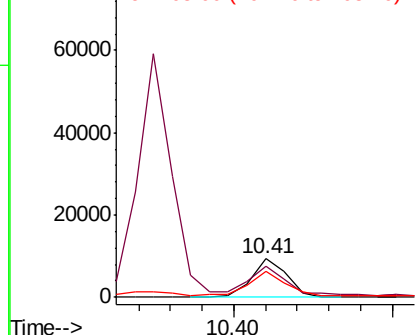
#65
4,6-Dinitro-2-methylphenol
Concen: 0.912 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 7133
Ion Ratio Lower Upper
198 100
51 79.5 22.8 62.8#
105 68.2 23.6 63.6#

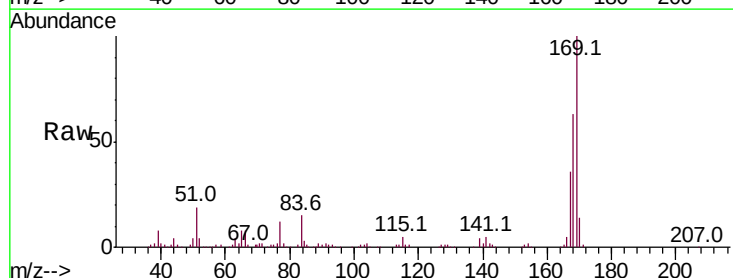


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

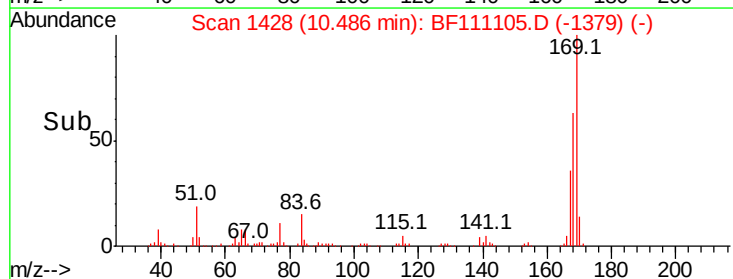
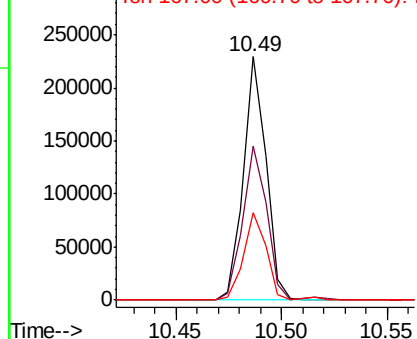


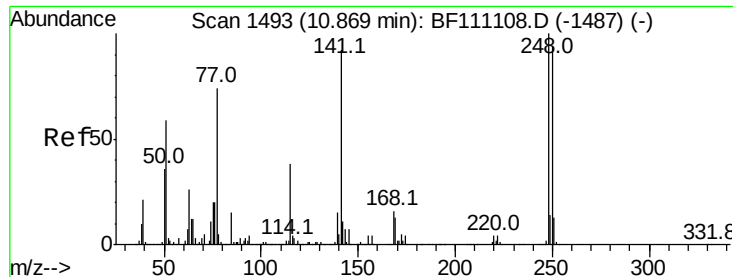
#66
n-Nitrosodiphenylamine
Concen: 3.083 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:169 Resp: 169650
Ion Ratio Lower Upper
169 100
168 63.4 51.2 76.8
167 36.1 27.8 41.6



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

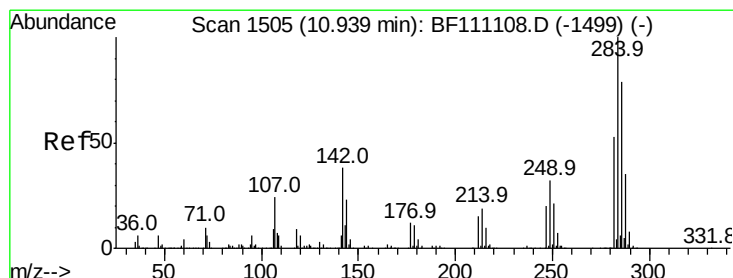
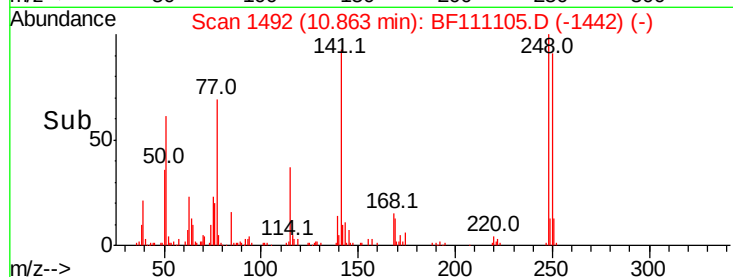
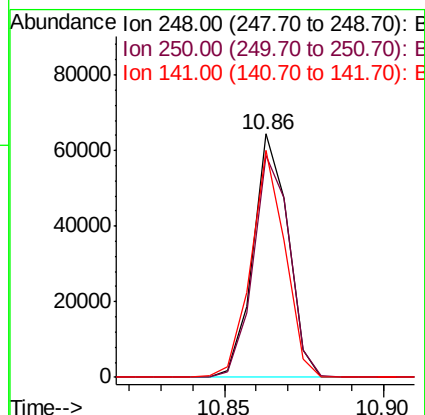
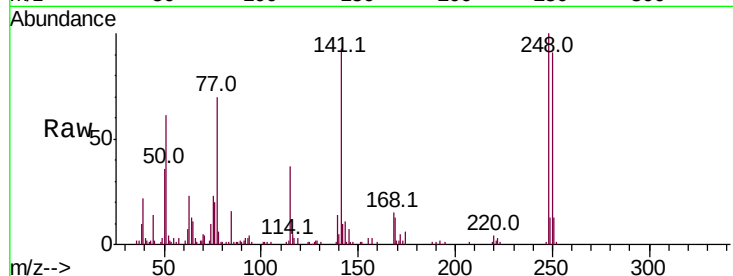




#67
4-Bromophenyl-phenylether
Concen: 2.741 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

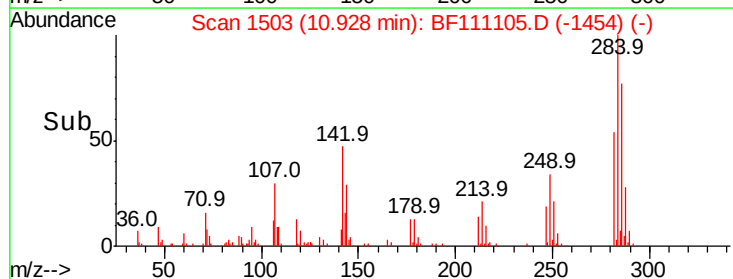
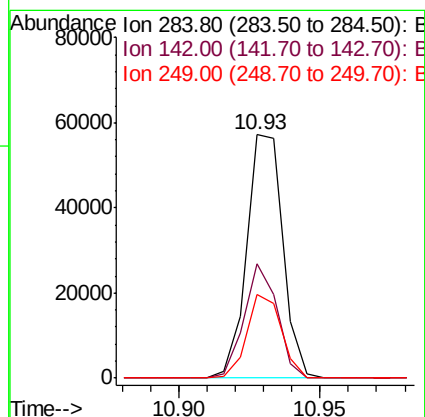
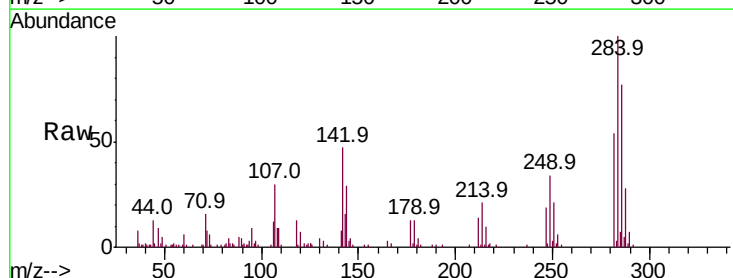
Instrument :
BNA_F
ClientSampleId :

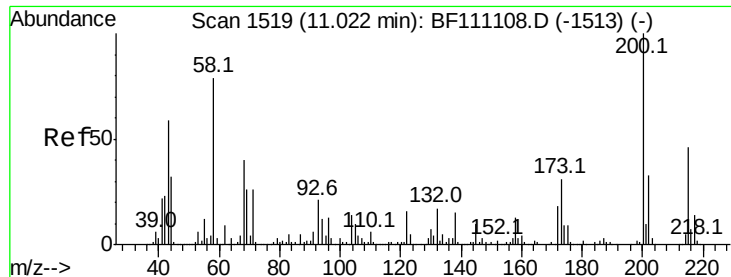
Tot Ion:248 Resp: 49359
Ion Ratio Lower Upper
248 100
250 91.3 79.4 119.2
141 93.0 55.9 83.9#



#68
Hexachlorobenzene
Concen: 2.648 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:284 Resp: 50788
Ion Ratio Lower Upper
284 100
142 47.0 23.9 35.9#
249 34.3 24.2 36.2

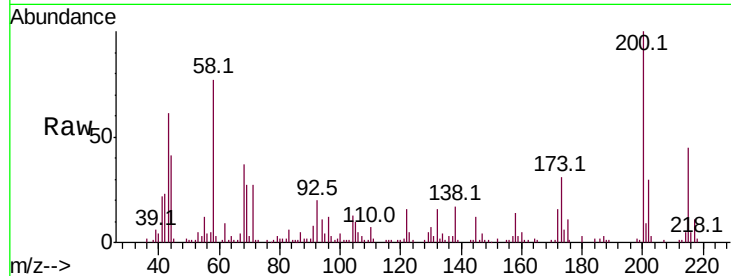




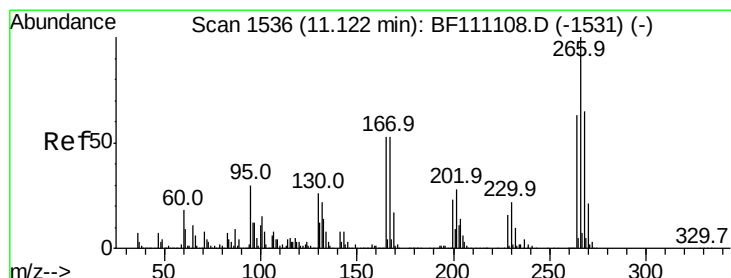
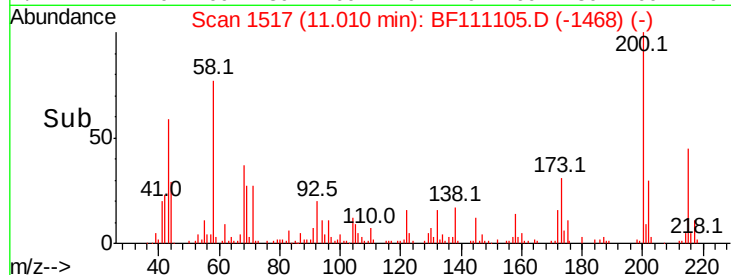
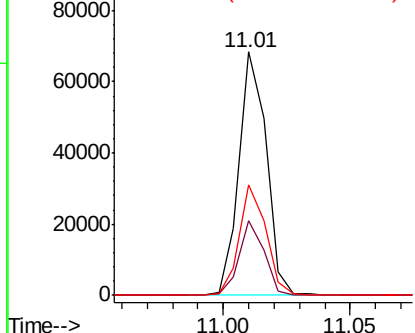
#69
Atrazine
Concen: 3.616 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 51212
Ion Ratio Lower Upper
200 100
173 30.6 6.6 46.6
215 45.4 26.3 66.3

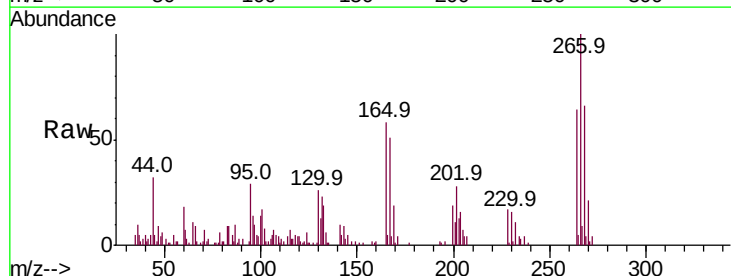


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

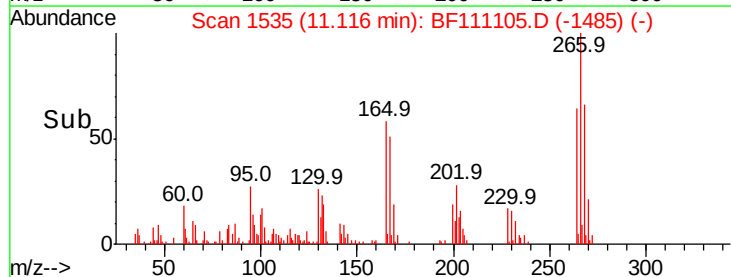
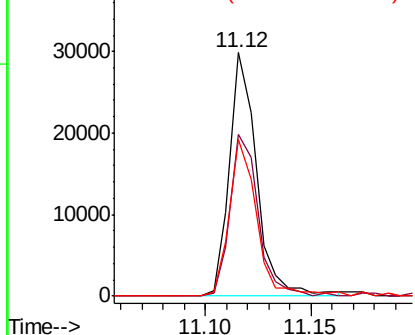


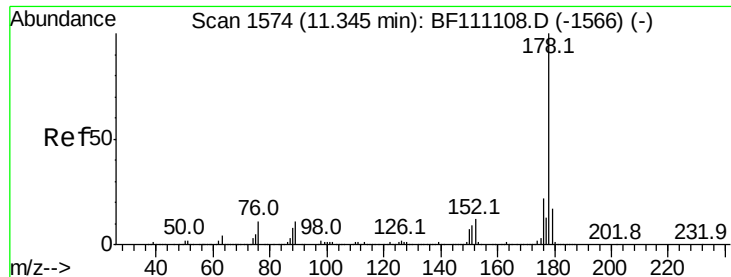
#70
Pentachlorophenol
Concen: 3.486 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:266 Resp: 26600
Ion Ratio Lower Upper
266 100
268 66.2 50.6 75.8
264 64.4 50.6 75.8



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: 3.040 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampled :

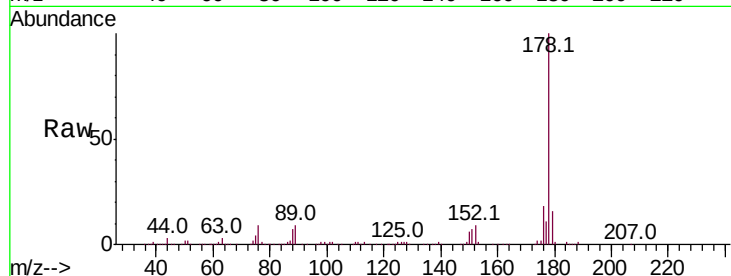
Tot Ion:178 Resp: 266203

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

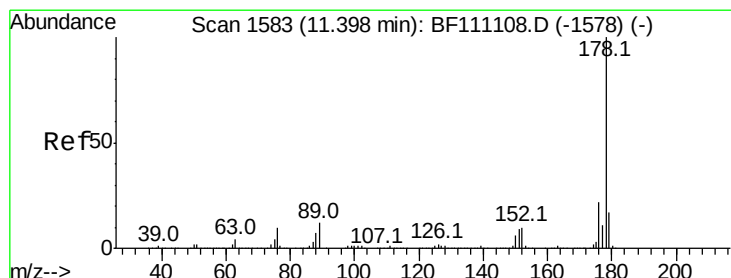
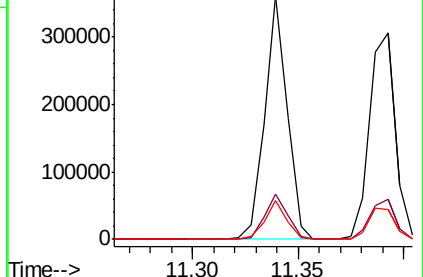
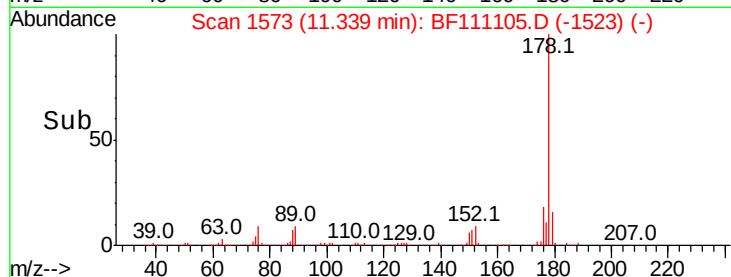
179 16.0 12.5 18.7



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: 2.922 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

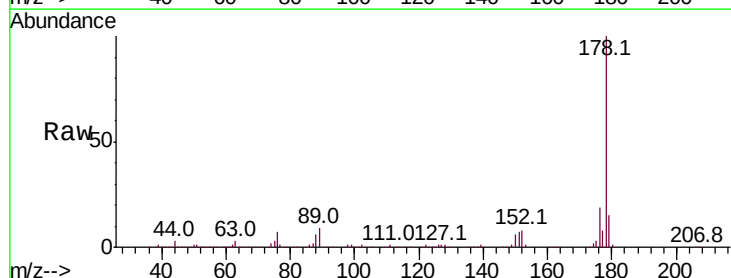
Tgt Ion:178 Resp: 260528

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

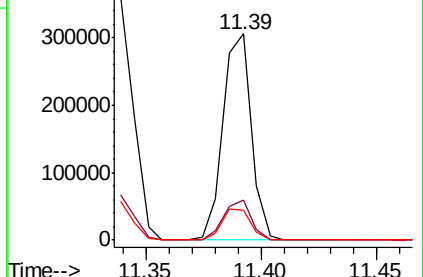
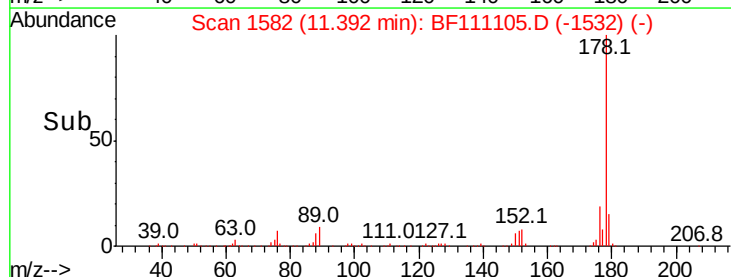
179 14.8 12.6 18.8

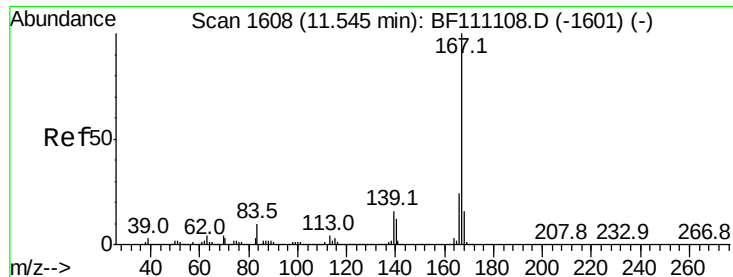


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 3.174 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

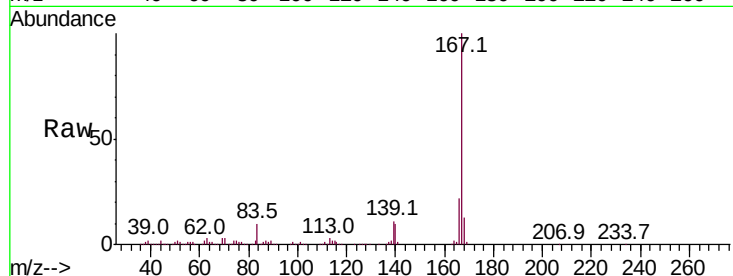
Tot Ion:167 Resp: 274720

Ion Ratio Lower Upper

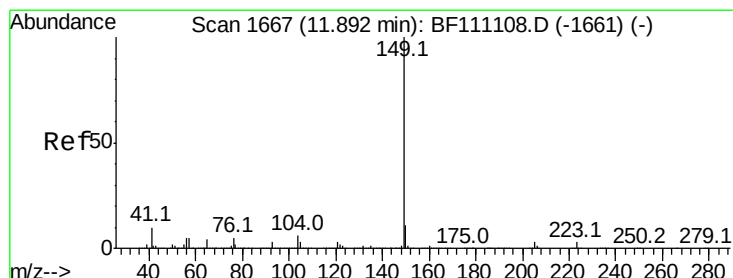
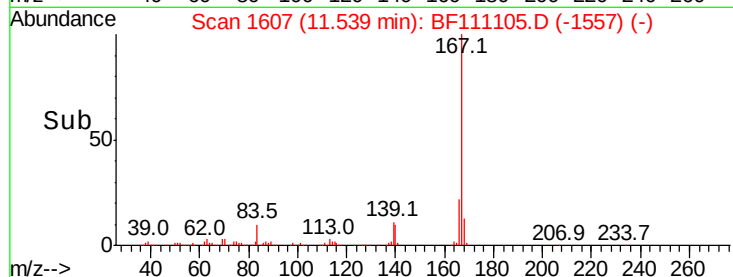
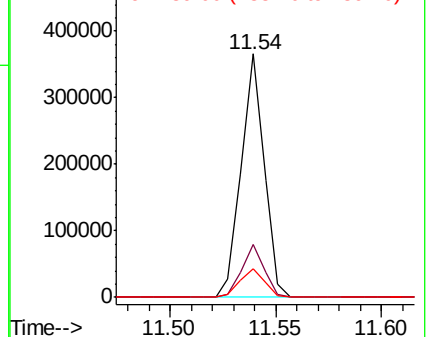
167 100

166 21.9 17.4 26.0

139 11.5 10.9 16.3



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



#74

Di-n-butylphthalate

Concen: 2.989 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

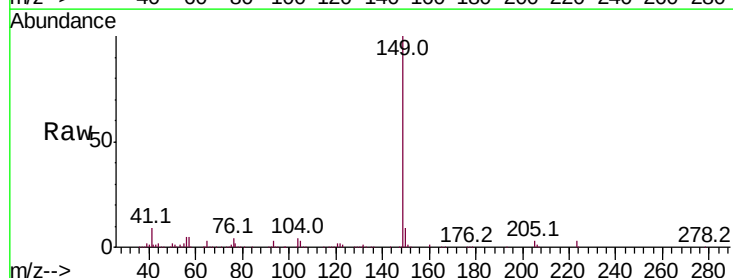
Tgt Ion:149 Resp: 302456

Ion Ratio Lower Upper

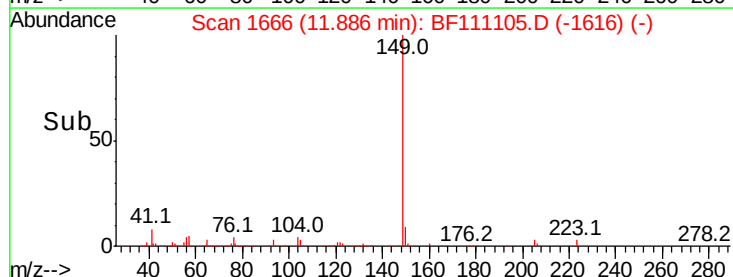
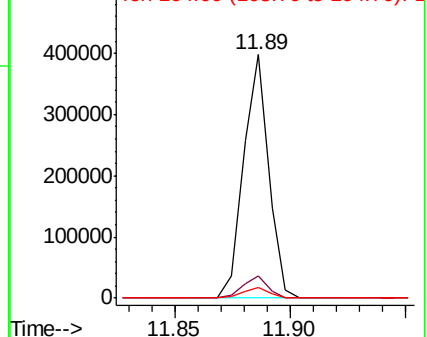
149 100

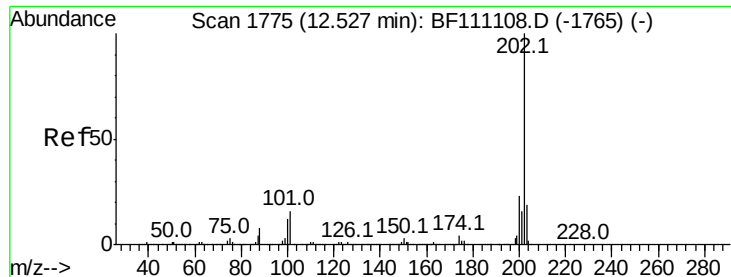
150 9.3 7.7 11.5

104 4.4 4.2 6.4



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





#75

Fluoranthene

Concen: 2.807 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

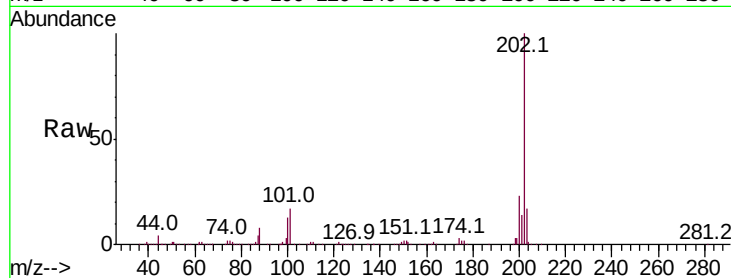
Tot Ion:202 Resp: 252640

Ion Ratio Lower Upper

202 100

101 16.6 0.0 31.4

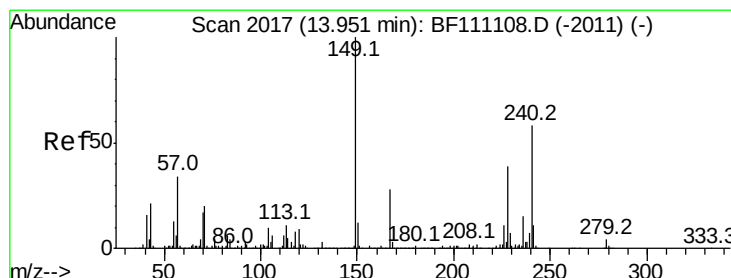
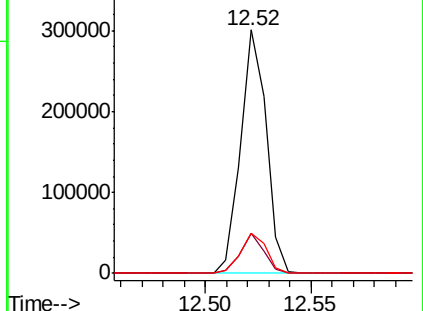
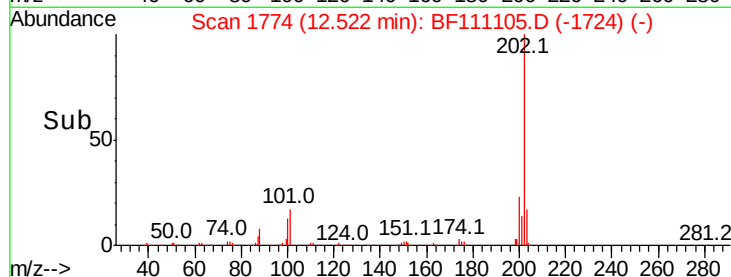
203 16.6 0.0 37.7



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: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

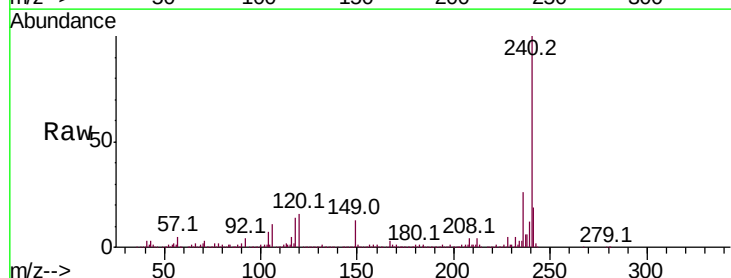
Tgt Ion:240 Resp: 1382272

Ion Ratio Lower Upper

240 100

120 15.6 8.3 12.5#

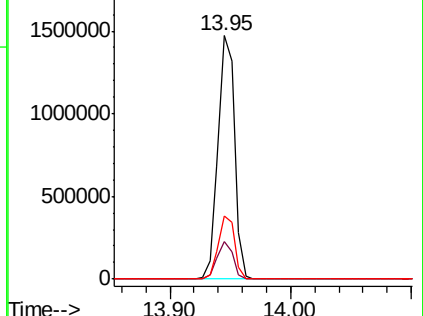
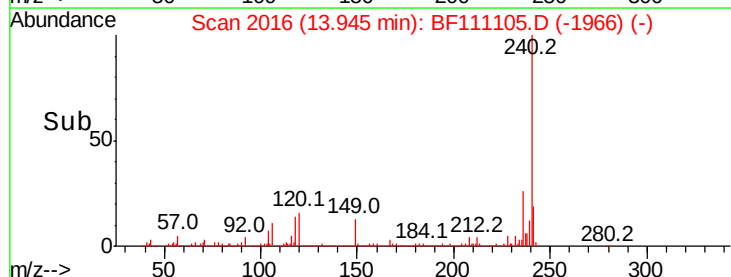
236 26.1 21.2 31.8

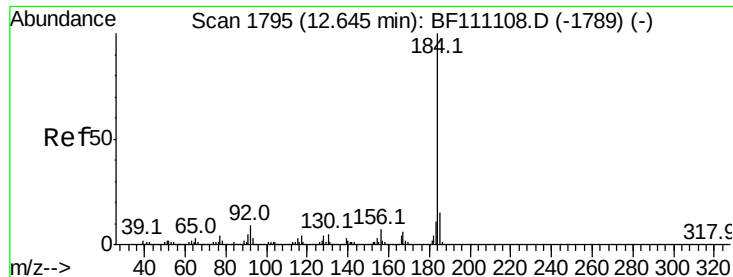


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.532 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

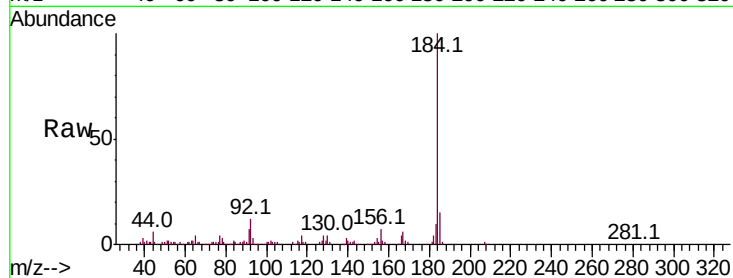
Tot Ion:184 Resp: 160230

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.2
183	10.3	9.4	14.2

184 100

185 15.5 13.4 20.2

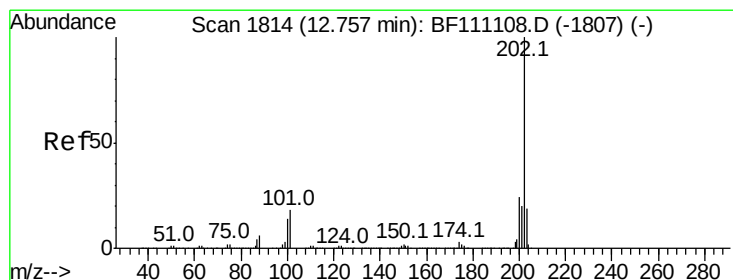
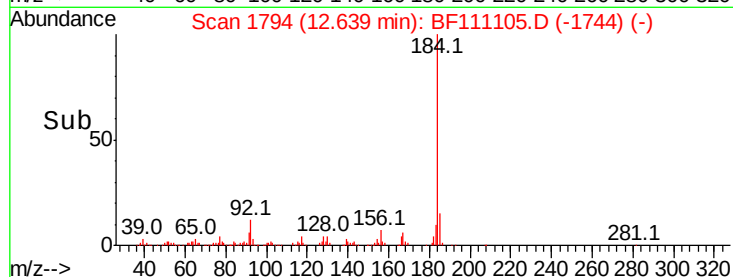
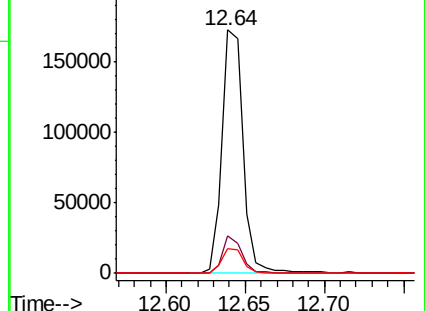
183 10.3 9.4 14.2



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: 2.753 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

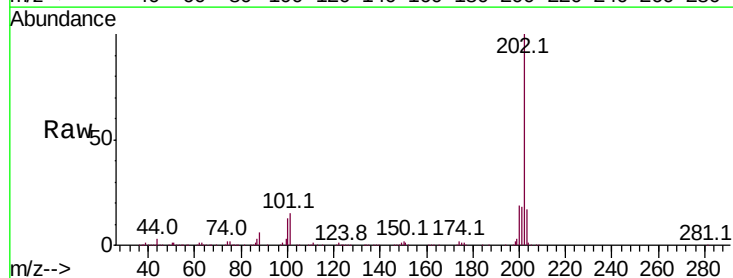
Tgt Ion:202 Resp: 277946

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.8	26.6
203	17.2	14.2	21.4

202 100

200 19.0 17.8 26.6

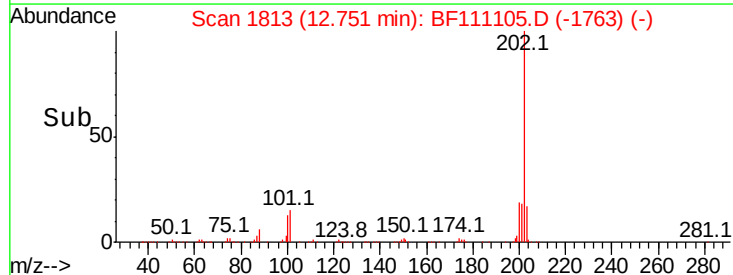
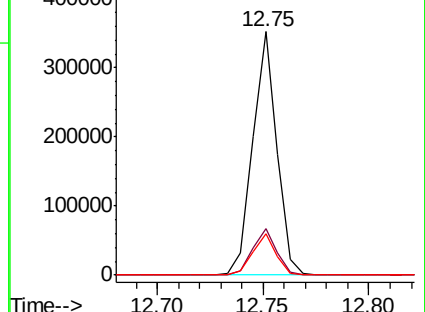
203 17.2 14.2 21.4

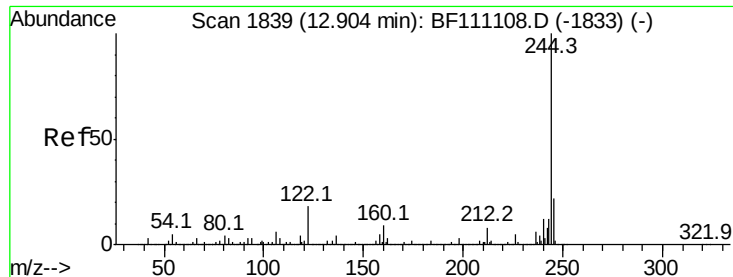


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 5.429 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

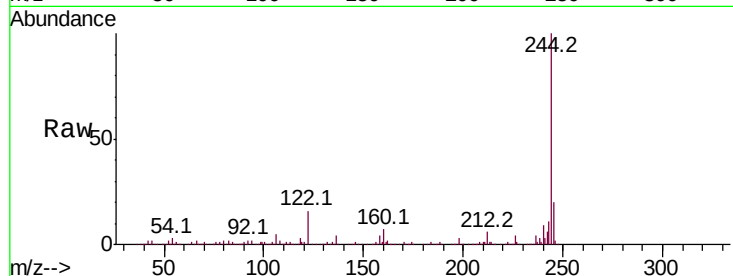
Tot Ion:244 Resp: 385520

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

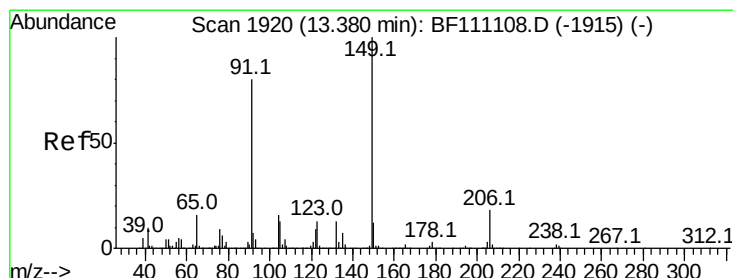
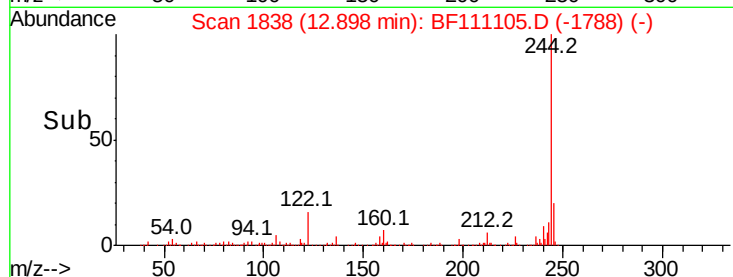
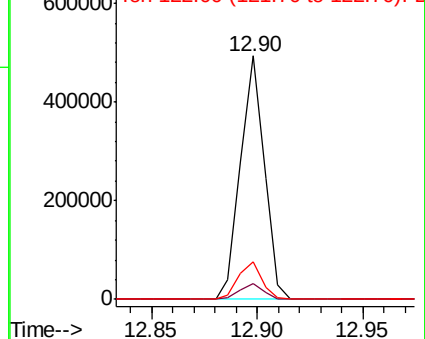
122 15.6 8.7 13.1#



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: 2.427 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

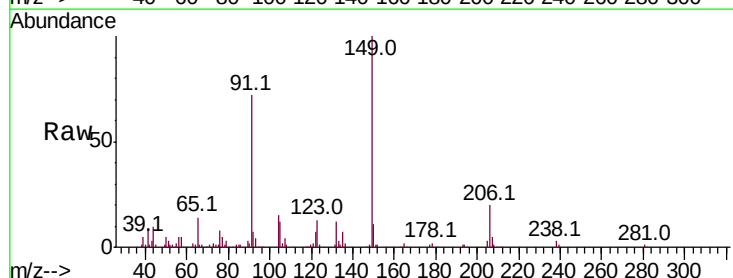
Tgt Ion:149 Resp: 110603

Ion Ratio Lower Upper

149 100

91 72.1 57.2 85.8

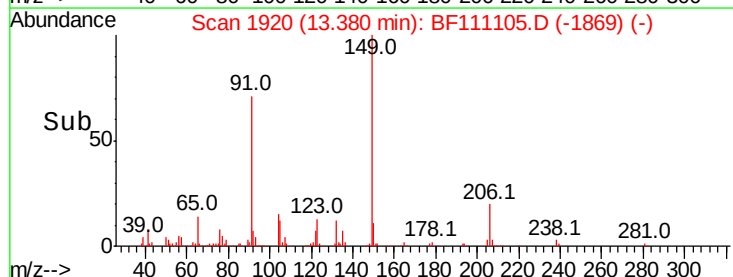
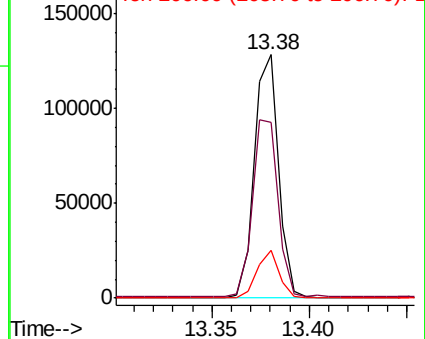
206 19.8 15.7 23.5

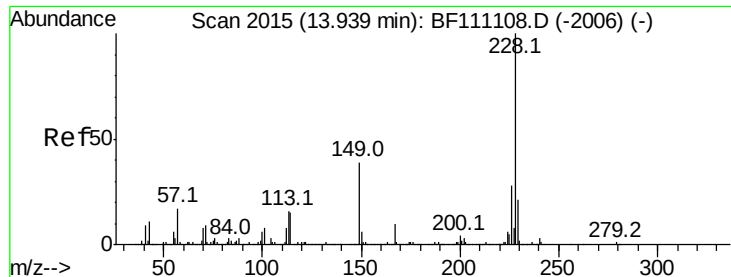


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.678 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

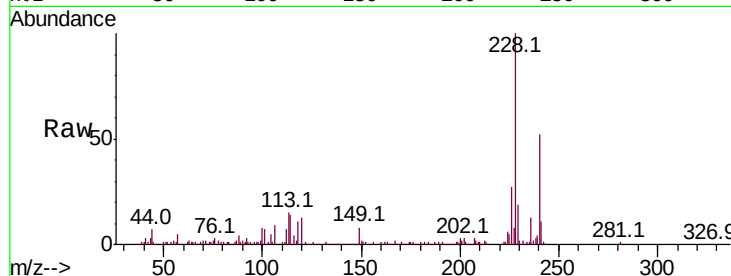
Tot Ion:228 Resp: 218544

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

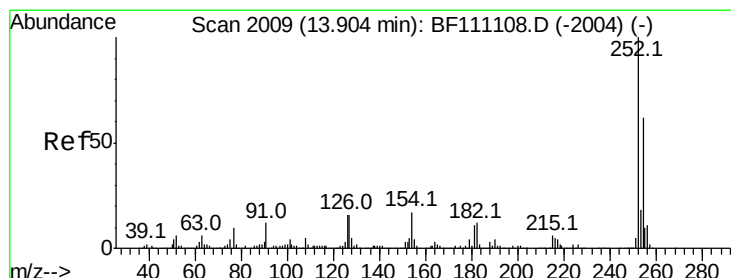
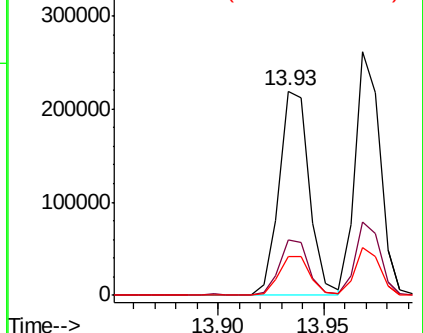
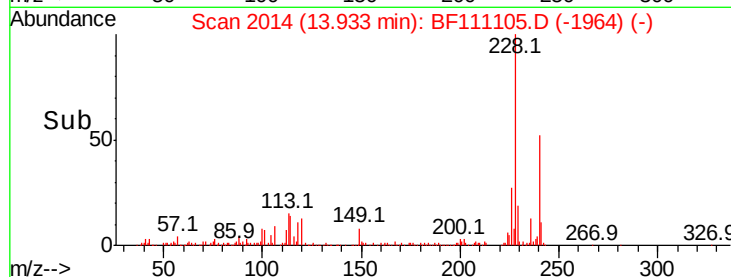
229 18.7 15.6 23.4



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: 2.864 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

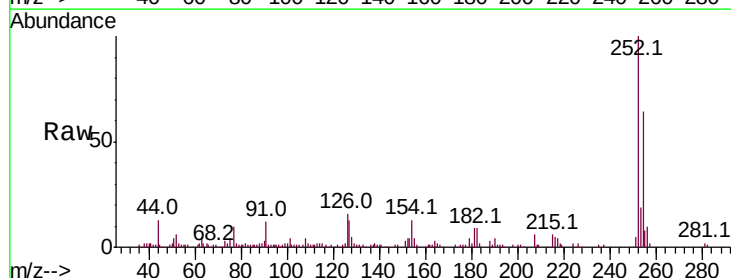
Tgt Ion:252 Resp: 80147

Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

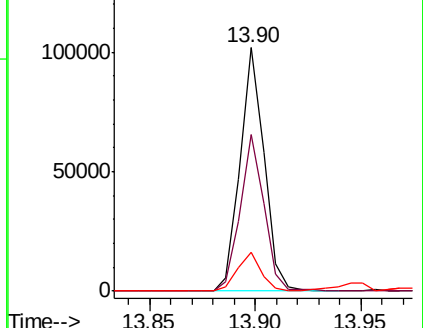
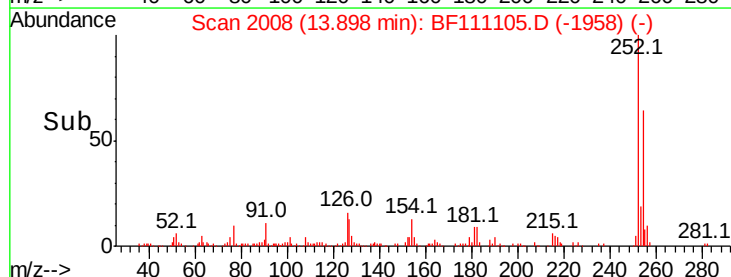
126 15.8 9.4 14.2#

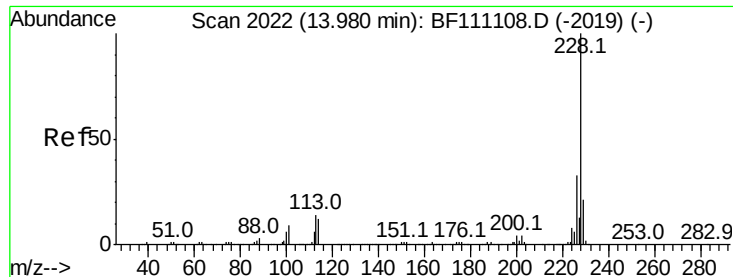


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 2.692 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

Instrument :

BNA_F

ClientSampleId :

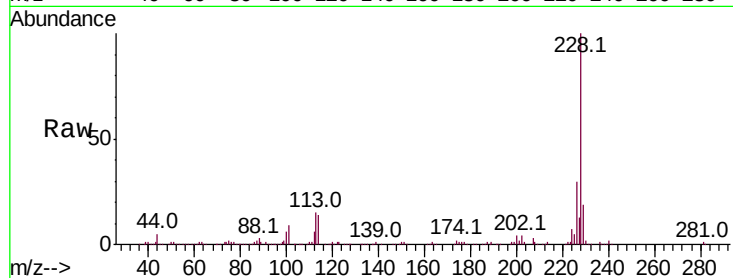
Tot Ion:228 Resp: 216237

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	19.4	15.9	23.9

228 100

226 30.2 24.7 37.1

229 19.4 15.9 23.9

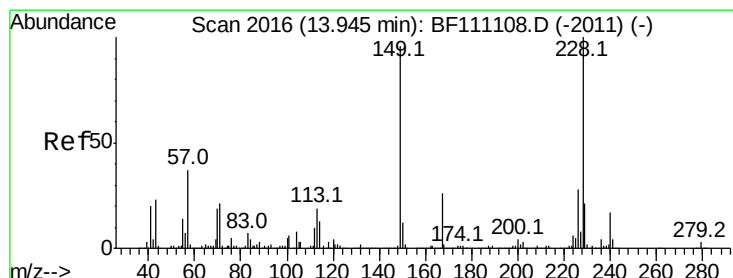
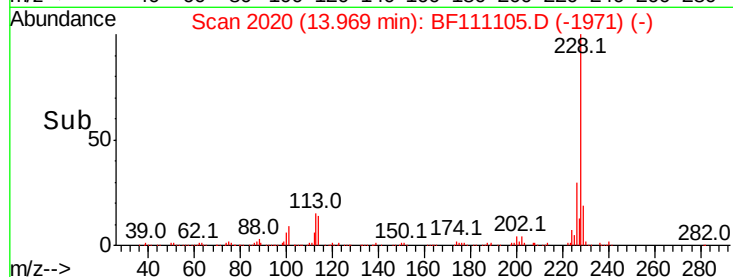
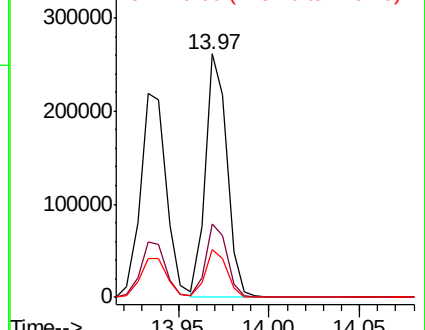


Abundance

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: 2.497 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111105.D

Acq: 5 Dec 2018 13:27

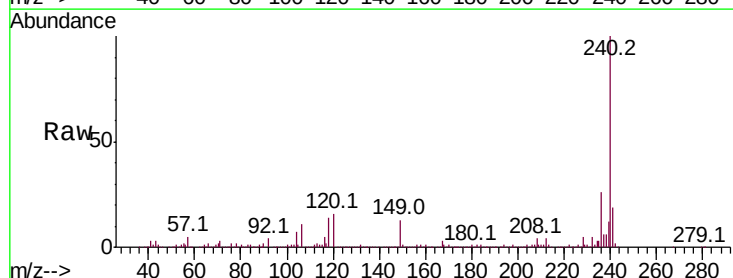
Tgt Ion:149 Resp: 151678

Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	2.3	2.7	4.1#

149 100

167 26.9 19.8 29.8

279 2.3 2.7 4.1#

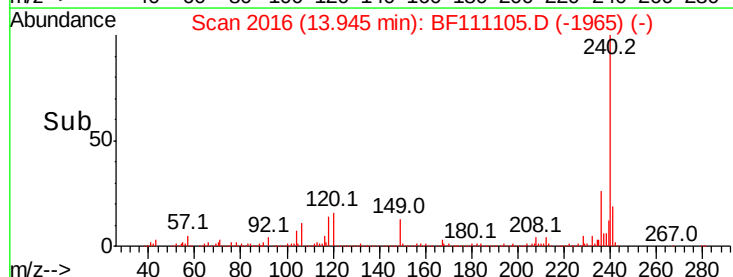
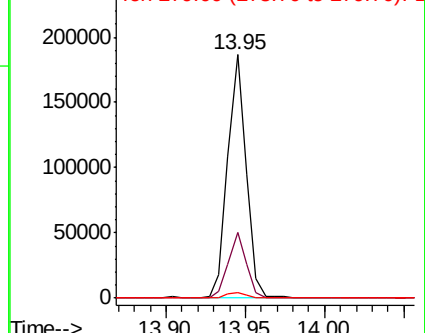


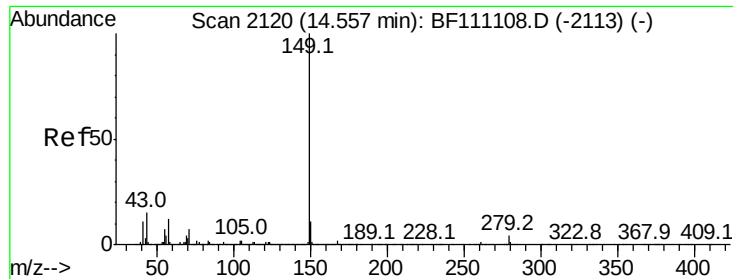
Abundance

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

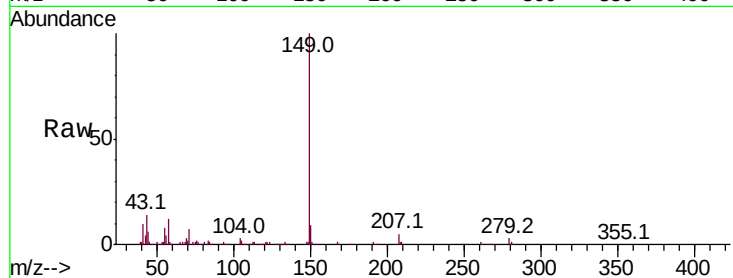




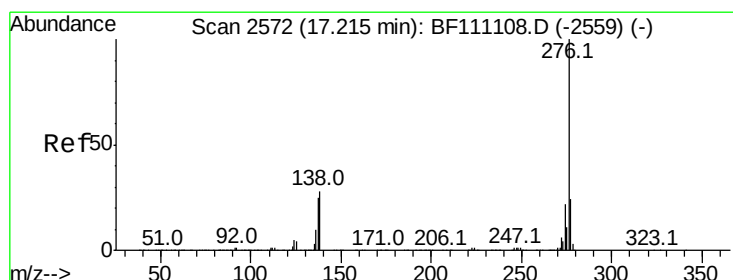
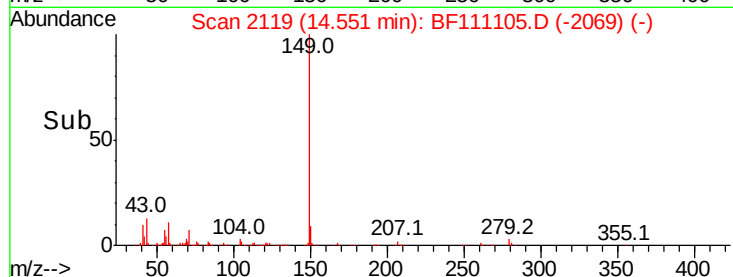
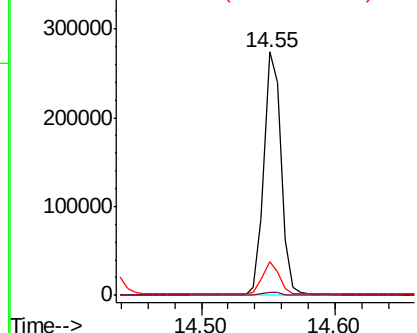
#85
Di-n-octyl phthalate
Concen: 2.551 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	13.3	7.8	11.8#

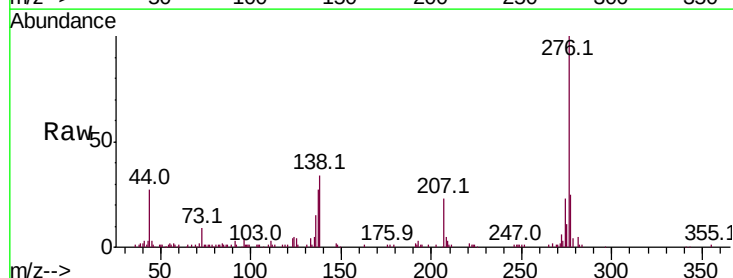


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

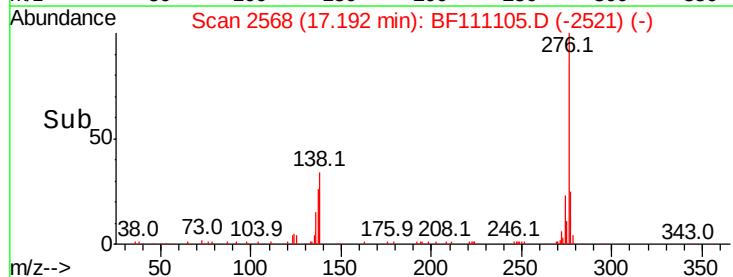
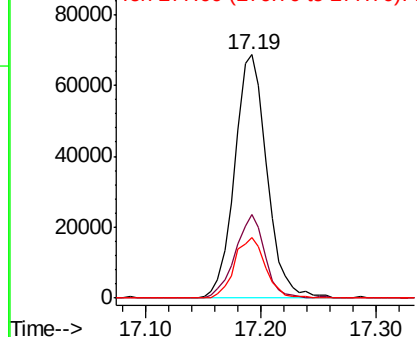


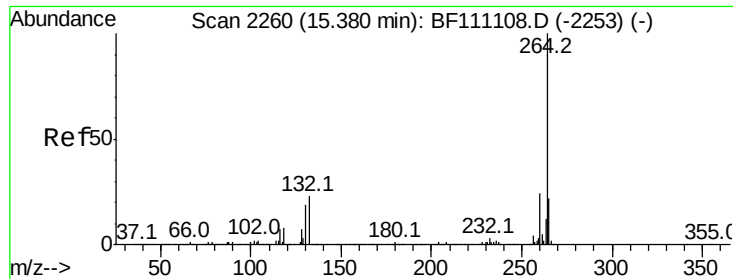
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.302 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	18.5	27.7#
277	23.6	20.0	30.0



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



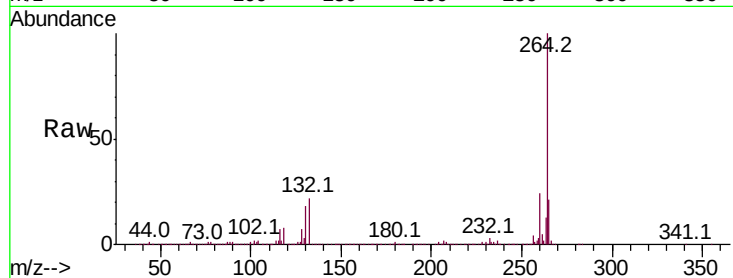


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

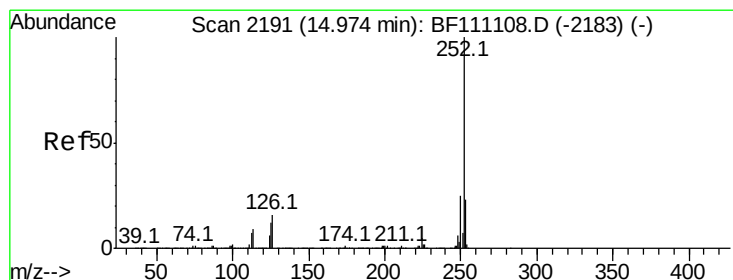
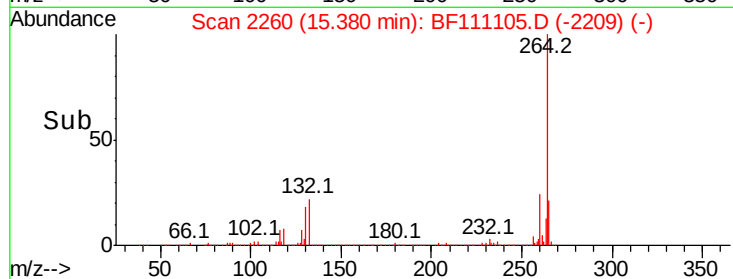
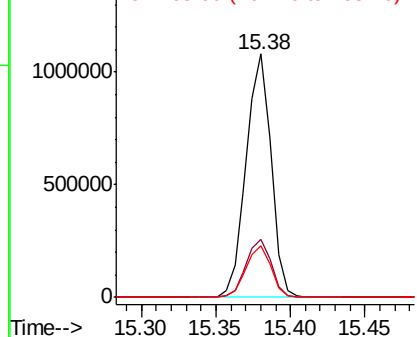
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1255322

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	16.7	25.1



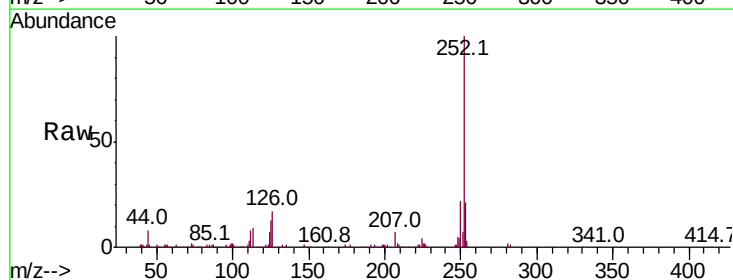
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



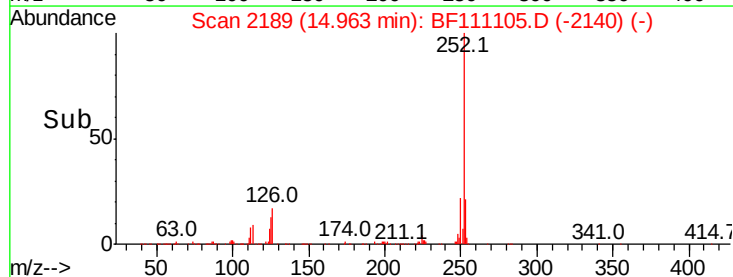
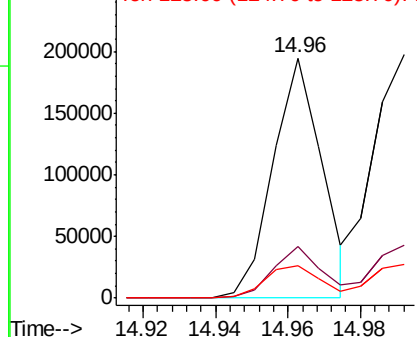
#88
Benzo(b)fluoranthene
Concen: 2.492 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

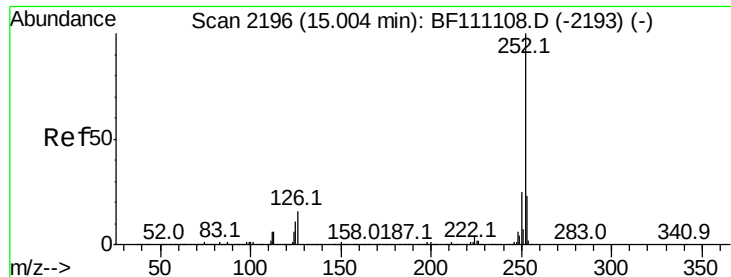
Tgt Ion:252 Resp: 183790

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	13.3	8.2	12.4#



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

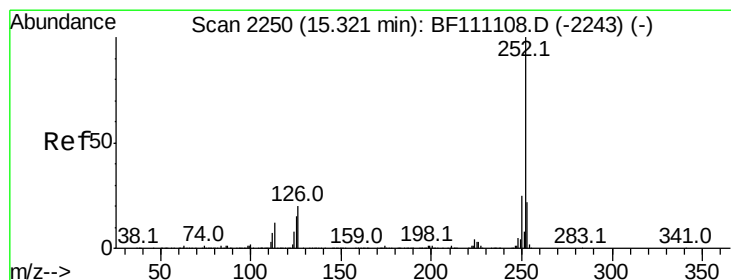
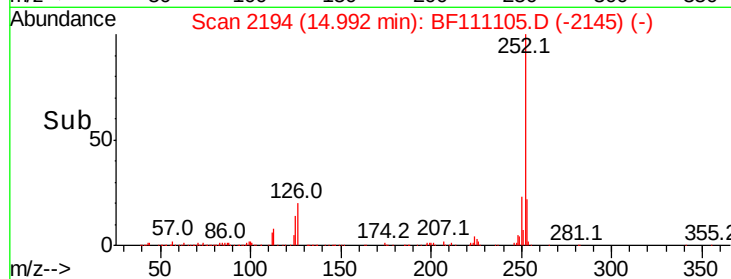
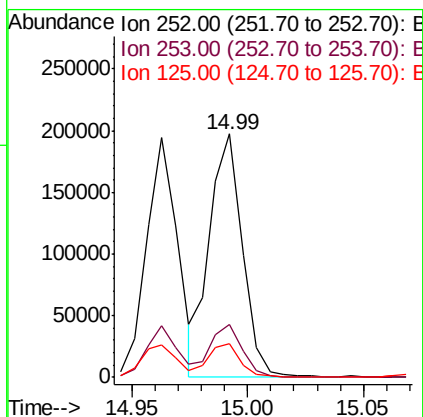
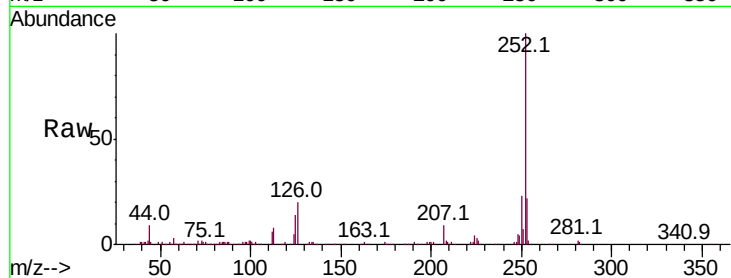




#89
Benzo(k)fluoranthene
Concen: 2.565 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

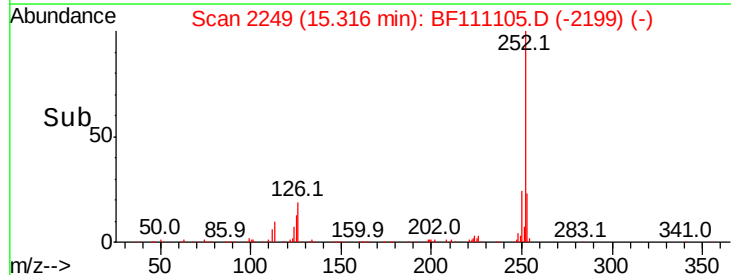
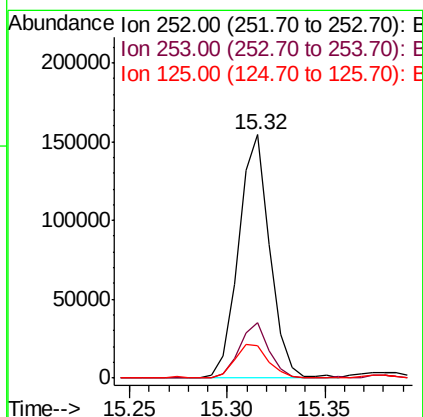
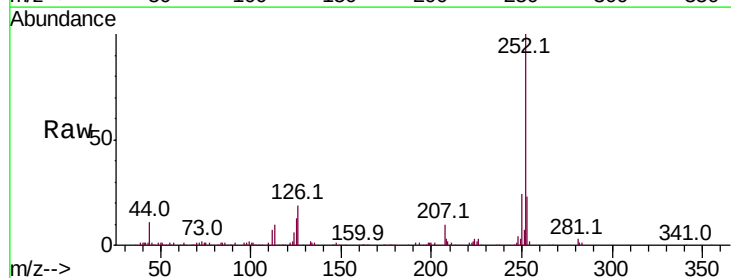
Instrument :
BNA_F
ClientSampleId :

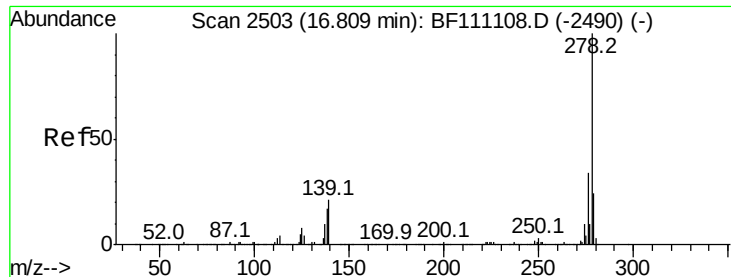
Tot Ion:252 Resp: 194719
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 13.8 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 2.494 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:252 Resp: 171212
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 13.1 9.0 13.6



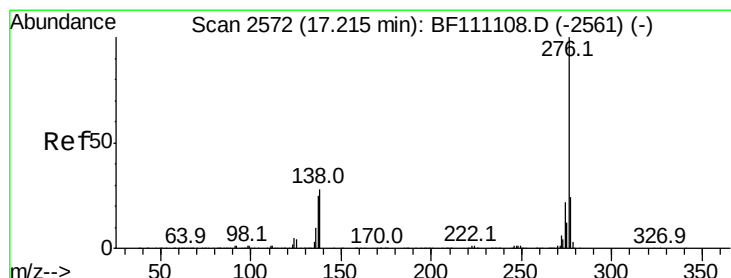
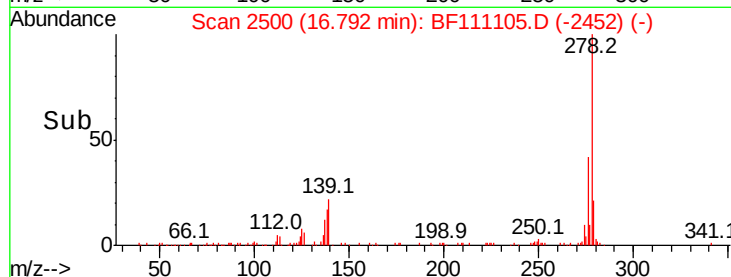
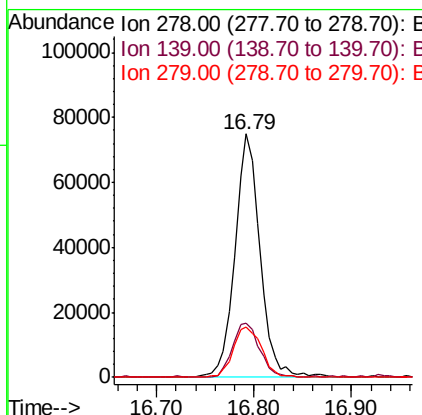
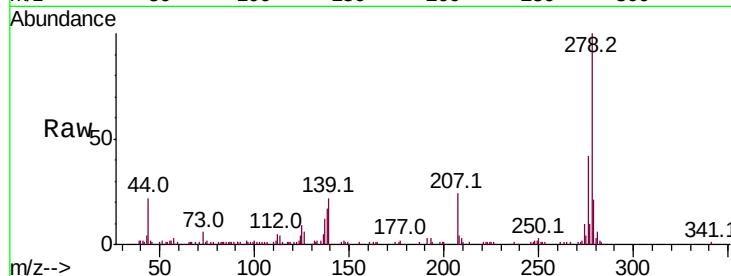


#91
Dibenzo(a,h)anthracene
Concen: 2.355 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 133378

Ion	Ratio	Lower	Upper
278	100		
139	22.3	12.7	19.1#
279	20.7	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 2.431 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF111105.D
Acq: 5 Dec 2018 13:27

Tgt Ion:276 Resp: 132752

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	34.3	16.0	24.0#

