

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111148.D
 Acq On : 6 Dec 2018 19:55
 Operator : JU/SJ
 Sample : J6206-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 21:54:15 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 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	487662	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1940730	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	925153	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1557916	20.00	ng	0.00
76) Chrysene-d12	13.96	240	803149	20.00	ng	0.01
87) Perylene-d12	15.40	264	921908	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3721636	119.09	ng	0.01
7) Phenol-d6	6.45	99	4872864	121.04	ng	0.01
23) Nitrobenzene-d5	7.37	82	3171713	96.76	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1032171	140.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4906055	100.84	ng	0.00
79) Terphenyl-d14	12.91	244	3774993	96.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	513107	28.544	ng	99
3) Pyridine	3.32	79	1214933	30.474	ng	97
4) n-Nitrosodimethylamine	3.25	42	881112	44.888	ng	100
6) Aniline	6.47	93	908608	16.894	ng	100
8) 2-Chlorophenol	6.60	128	1515981	42.086	ng	99
9) Benzaldehyde	6.35	77	760257	33.605	ng	99
10) Phenol	6.46	94	2094721	47.721	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	1462607	40.769	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1541071	40.228	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1574052	40.830	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1486869	41.461	ng	99
15) Benzyl Alcohol	6.95	79	1386923	43.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2906480	41.648	ng	100
17) 2-Methylphenol	7.06	107	1294003	43.763	ng	99
18) Hexachloroethane	7.32	117	605882	41.894	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	1110391	41.044	ng	94
20) 3+4-Methylphenols	7.22	107	1516882	42.061	ng	93
22) Acetophenone	7.22	105	2040277	43.503	ng	# 91
24) Nitrobenzene	7.39	77	1623025	46.022	ng	97
25) Isophorone	7.63	82	2947886	49.001	ng	99
26) 2-Nitrophenol	7.70	139	811130	54.434	ng	93
27) 2,4-Dimethylphenol	7.75	122	1400492	49.904	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1859759	45.665	ng	99
29) 2,4-Dichlorophenol	7.95	162	1275625	46.172	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1228681	44.061	ng	98
31) Naphthalene	8.11	128	4080688	48.294	ng	100
32) Benzoic acid	7.86	122	892069	48.204	ng	99
33) 4-Chloroaniline	8.15	127	231214	5.661	ng	97
34) Hexachlorobutadiene	8.23	225	660682	43.596	ng	98
35) Caprolactam	8.53	113	296525	29.232	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	1401378	46.308	ng	99
37) 2-Methylnaphthalene	8.80	142	2844379	48.801	ng	98
38) 1-Methylnaphthalene	8.90	142	2690154	48.007	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1014003	41.124	ng	98

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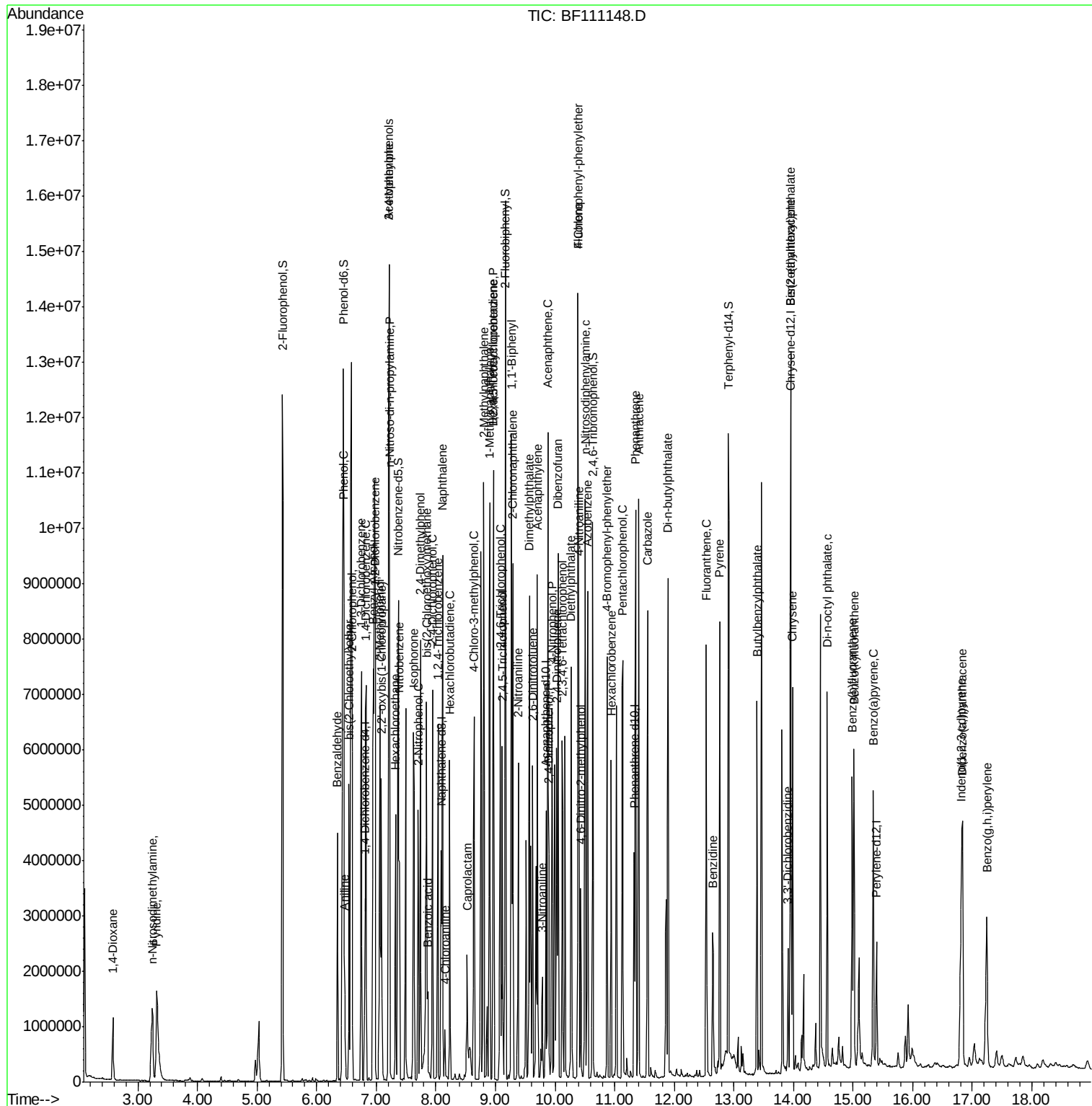
Instrument :
 BNA_F
 ClientSampleId :

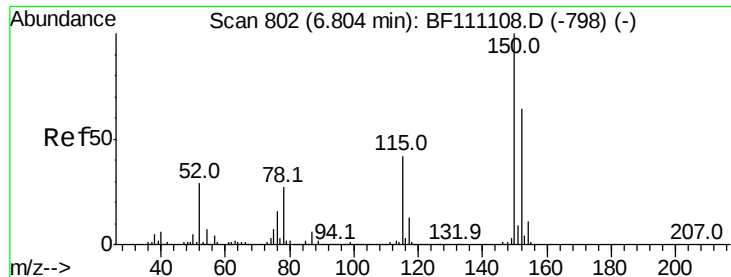
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1253122	96.383	nq	96
43) 2,4,6-Trichlorophenol	9.08	196	855931	47.529	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	877892	48.089	nq	94
46) 1,1'-Biphenyl	9.27	154	3151411	41.611	nq	98
47) 2-Chloronaphthalene	9.29	162	2583442	43.898	nq	99
48) 2-Nitroaniline	9.38	65	895653	46.962	nq	96
49) Acenaphthylene	9.70	152	3939067	47.884	nq	99
50) Dimethylphthalate	9.57	163	3410705	52.972	nq	99
51) 2,6-Dinitrotoluene	9.63	165	701881	51.416	nq	96
52) Acenaphthene	9.88	154	2625379	48.309	nq	99
53) 3-Nitroaniline	9.79	138	257636	15.025	nq	92
54) 2,4-Dinitrophenol	9.90	184	488842	110.292	nq	# 68
55) Dibenzofuran	10.05	168	3471038	46.371	nq	100
56) 4-Nitrophenol	9.95	139	1134853	87.827	nq	97
57) 2,4-Dinitrotoluene	10.03	165	952675	54.036	nq	96
58) Fluorene	10.39	166	2623910	49.709	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	687933	50.490	nq	98
60) Diethylphthalate	10.27	149	3007301	46.737	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	1201214	46.177	nq	98
62) 4-Nitroaniline	10.40	138	673812	43.539	nq	99
63) Azobenzene	10.55	77	3050287	44.526	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	346296	53.804	nq	99
66) n-Nitrosodiphenylamine	10.50	169	2426855	44.488	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	763574	46.301	nq	95
68) Hexachlorobenzene	10.95	284	783974	46.491	nq	96
69) Atrazine	11.03	200	748280	Below Cal		97
70) Pentachlorophenol	11.13	266	842333	75.959	nq	97
71) Phenanthrene	11.35	178	3610348	48.178	nq	100
72) Anthracene	11.40	178	3641776	48.211	nq	99
73) Carbazole	11.55	167	3255432	41.418	nq	99
74) Di-n-butylphthalate	11.89	149	4199379	45.642	nq	99
75) Fluoranthene	12.54	202	3240743	44.194	nq	96
77) Benzidine	12.65	184	549143	17.601	nq	99
78) Pyrene	12.76	202	3109472	49.695	nq	99
80) Butylbenzylphthalate	13.39	149	1542476	51.029	nq	98
81) Benzo(a)anthracene	13.95	228	2245380	47.717	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	397020	22.357	nq	97
83) Chrysene	13.99	228	2197666	47.044	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1866746	51.128	nq	# 98
85) Di-n-octyl phthalate	14.57	149	3112897	54.235	nq	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2668402	71.143	nq	# 88
88) Benzo(b)fluoranthene	14.99	252	2373319	45.432	nq	100
89) Benzo(k)fluoranthene	15.02	252	2237774	44.311	nq	99
90) Benzo(a)pyrene	15.34	252	2327097	48.566	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	2193554	54.552	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2169464	53.689	nq	99

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

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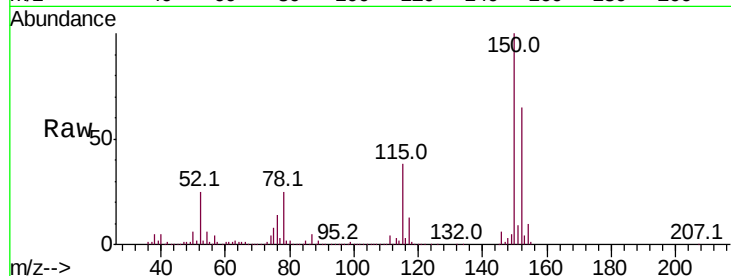


#1

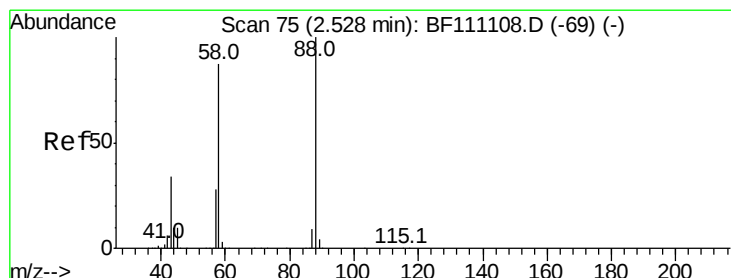
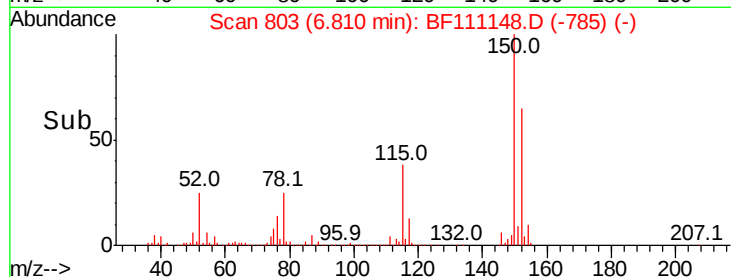
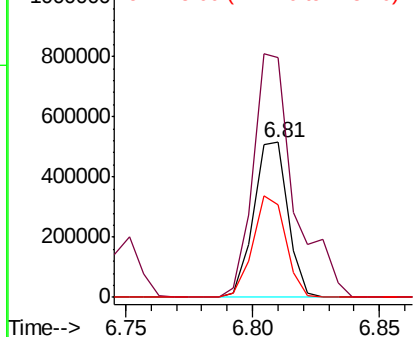
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 487662
Ion Ratio Lower Upper
152 100
150 154.6 124.6 187.0
115 59.4 52.2 78.2



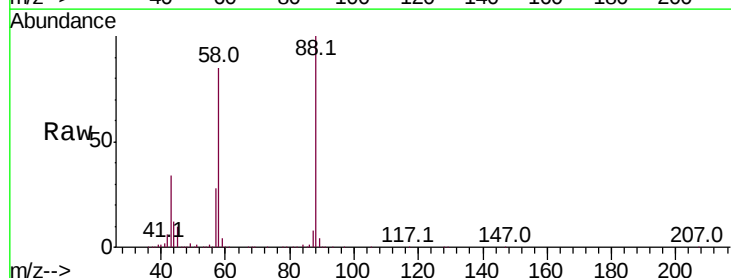
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



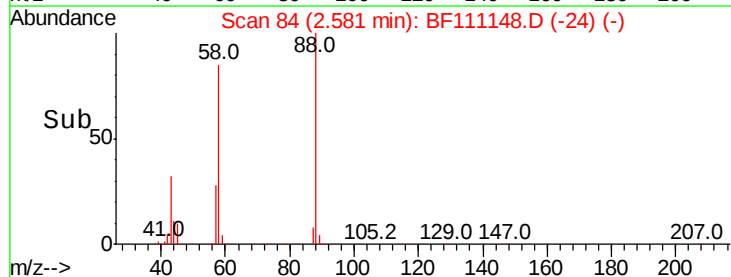
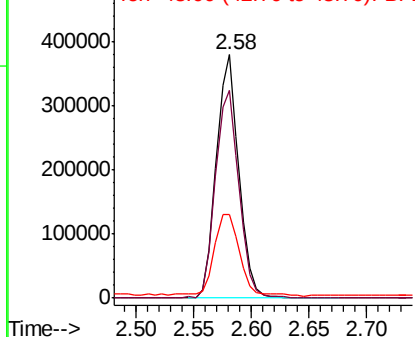
#2

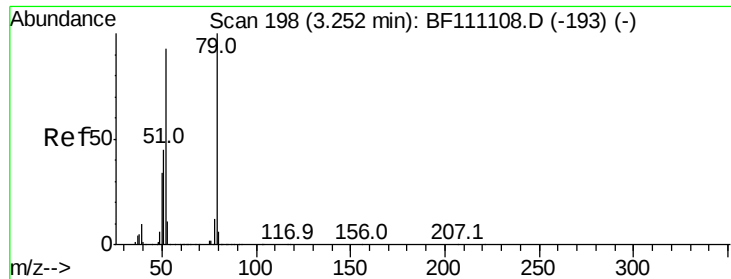
1,4-Dioxane
Concen: 28.544 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.05 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion: 88 Resp: 513107
Ion Ratio Lower Upper
88 100
58 88.5 70.8 106.2
43 37.7 28.3 42.5



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: 30.474 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

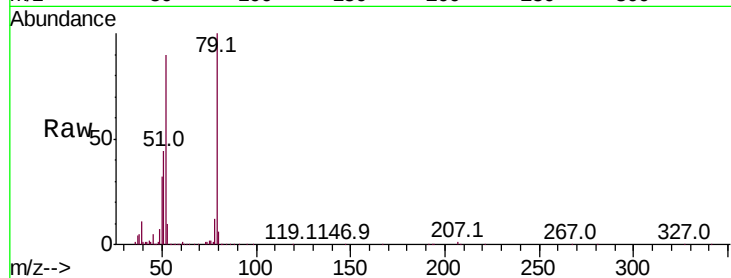
Tot Ion: 79 Resp: 1214933

Ion Ratio Lower Upper

79 100

52 89.9 74.7 112.1

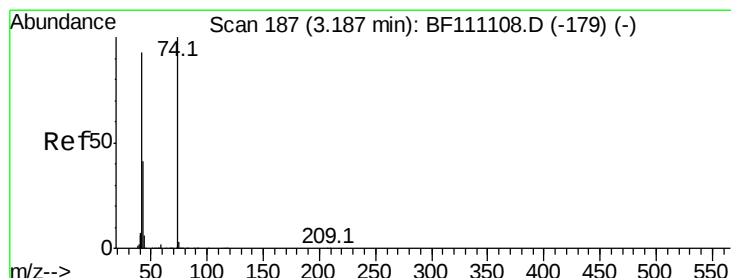
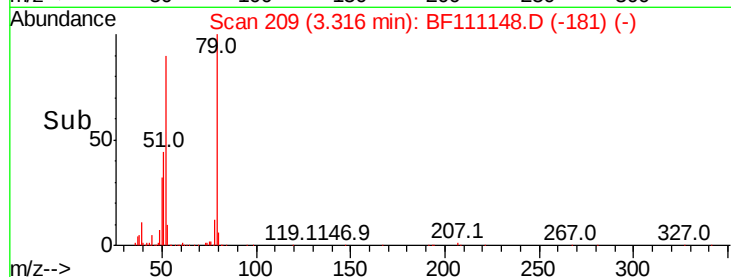
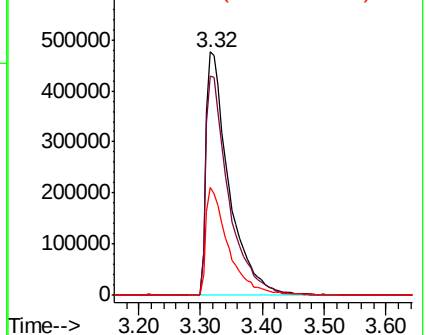
51 44.1 35.9 53.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.888 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.06 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

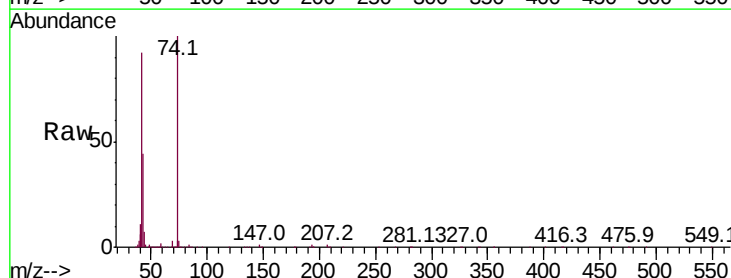
Tgt Ion: 42 Resp: 881112

Ion Ratio Lower Upper

42 100

74 108.1 86.2 129.2

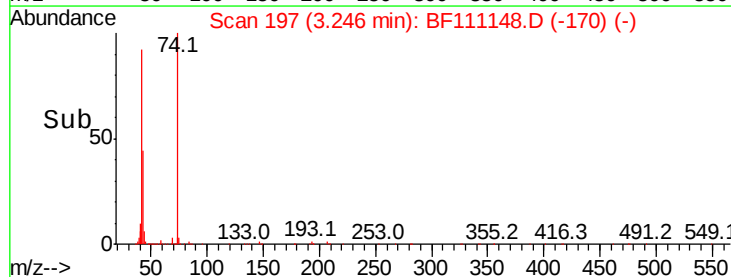
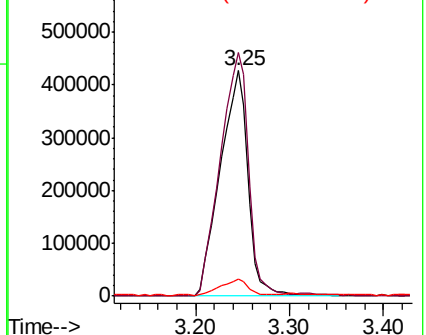
44 7.3 5.7 8.5

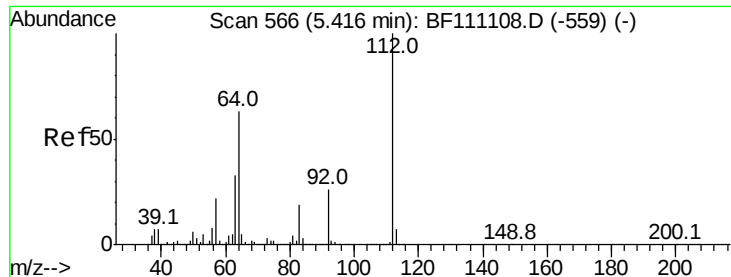


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.088 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

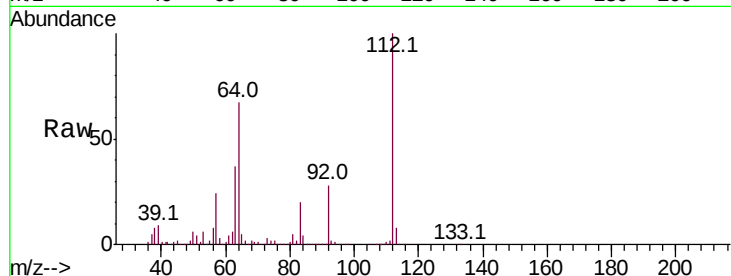
Tot Ion:112 Resp: 3721636

Ion Ratio Lower Upper

112 100

64 67.4 50.2 75.4

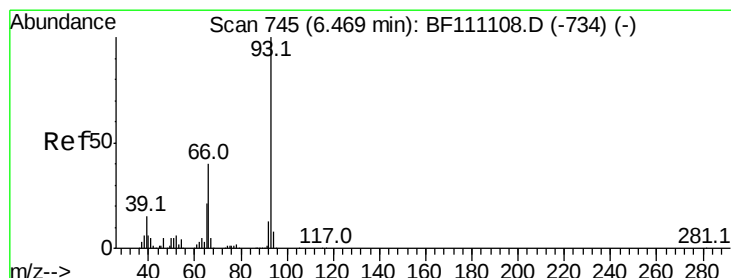
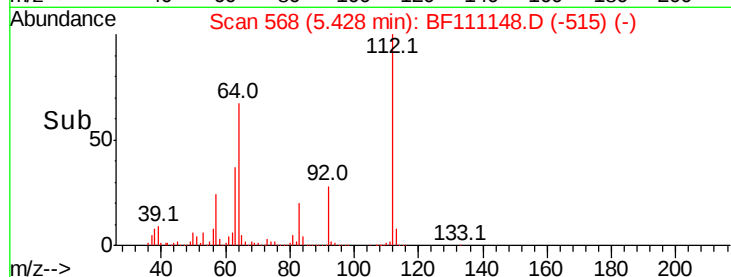
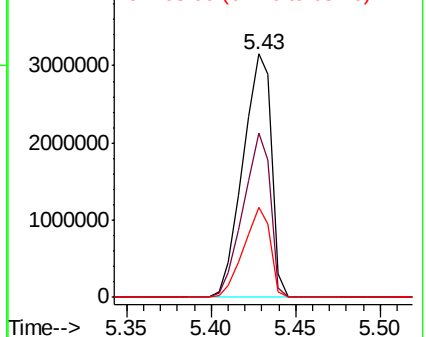
63 37.0 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.894 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

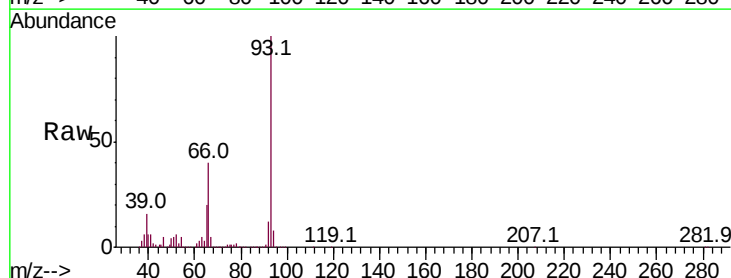
Tgt Ion: 93 Resp: 908608

Ion Ratio Lower Upper

93 100

66 39.8 31.8 47.8

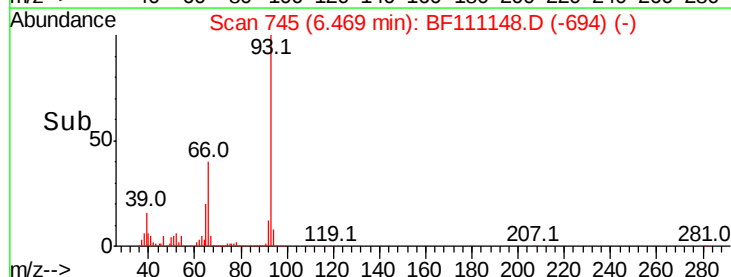
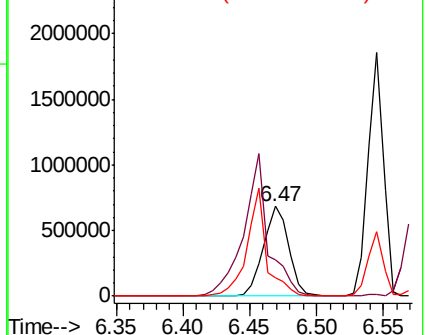
65 20.3 16.6 24.8

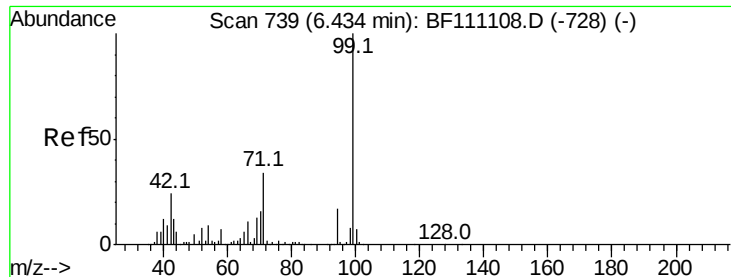


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.044 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

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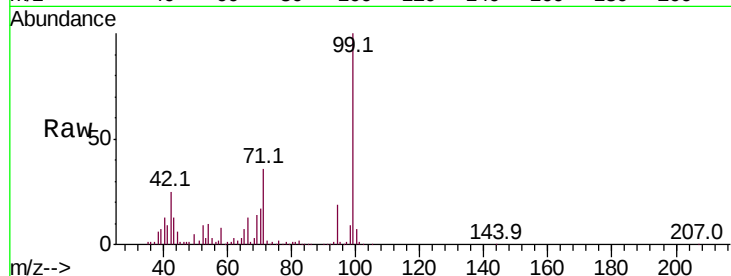
Tot Ion: 99 Resp: 4872864

Ion Ratio Lower Upper

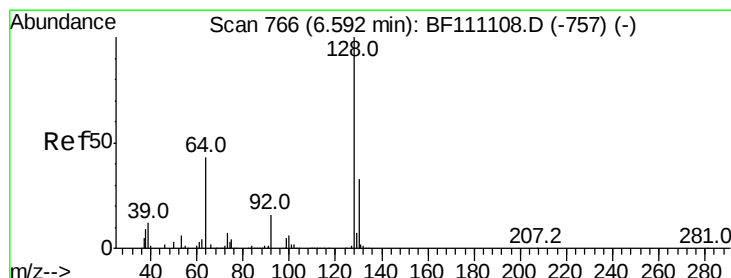
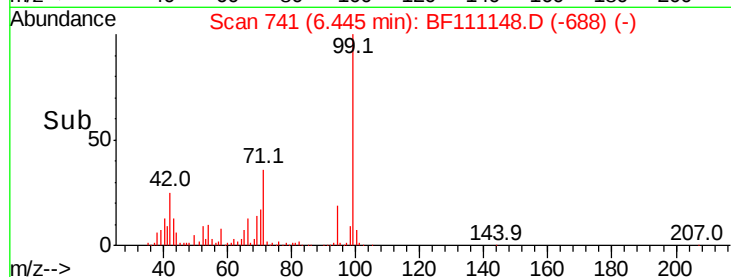
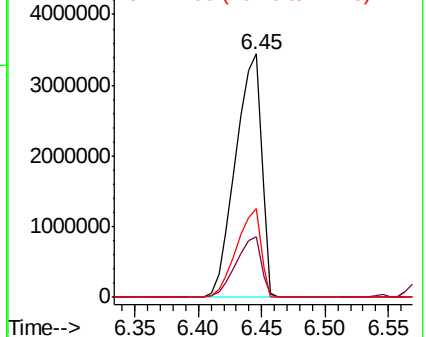
99 100

42 24.8 19.3 28.9

71 36.2 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.086 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

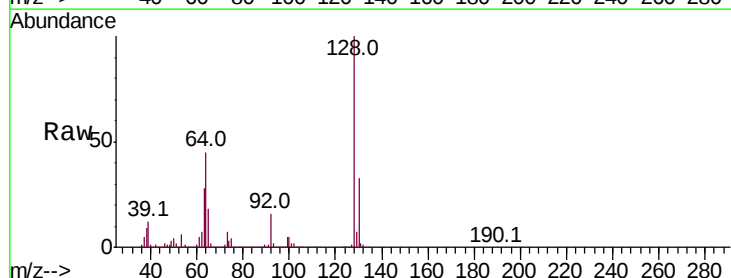
Tgt Ion:128 Resp: 1515981

Ion Ratio Lower Upper

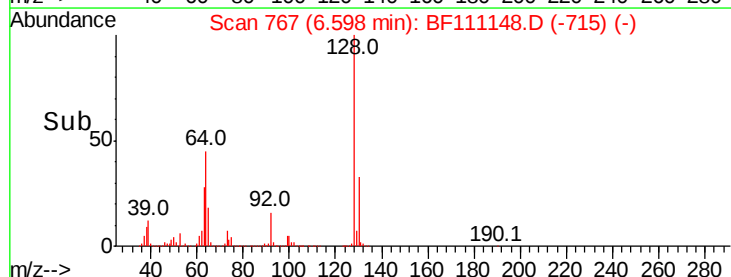
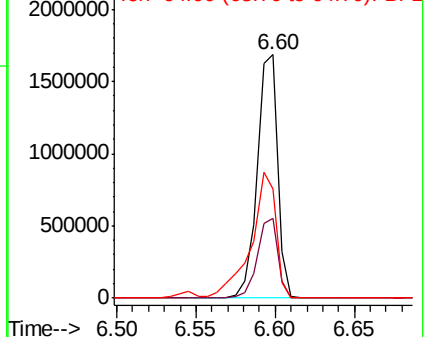
128 100

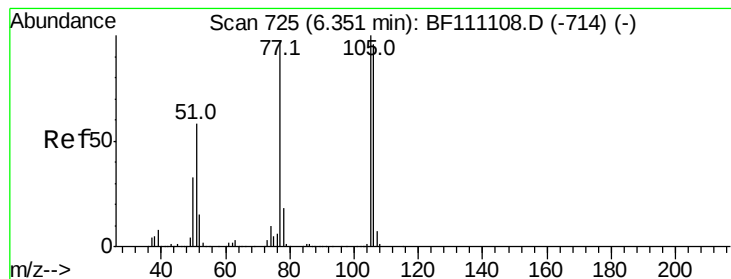
130 32.7 12.8 52.8

64 45.0 26.6 66.6



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: 33.605 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

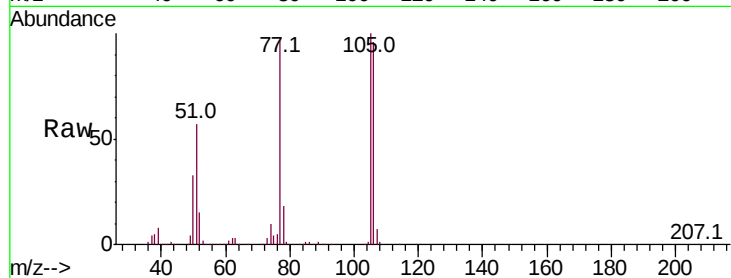
Tot Ion: 77 Resp: 760257

Ion Ratio Lower Upper

77 100

105 102.6 83.1 123.1

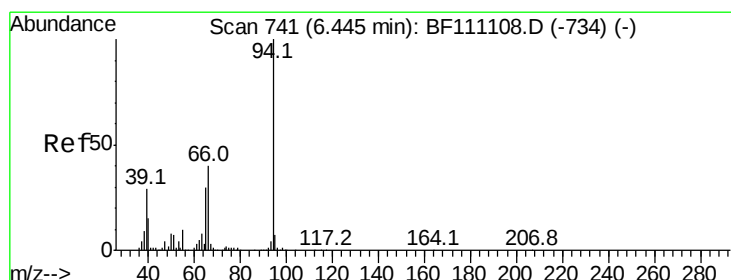
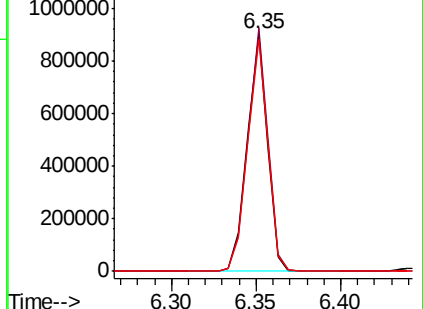
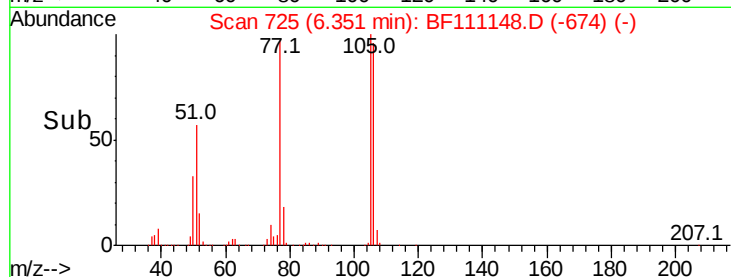
106 98.0 79.0 119.0



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: 47.721 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

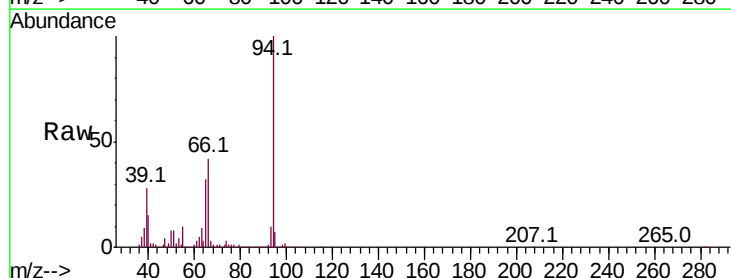
Tgt Ion: 94 Resp: 2094721

Ion Ratio Lower Upper

94 100

65 31.9 10.5 50.5

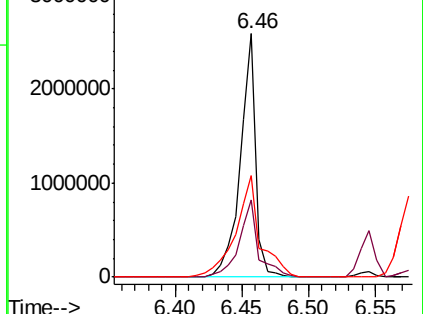
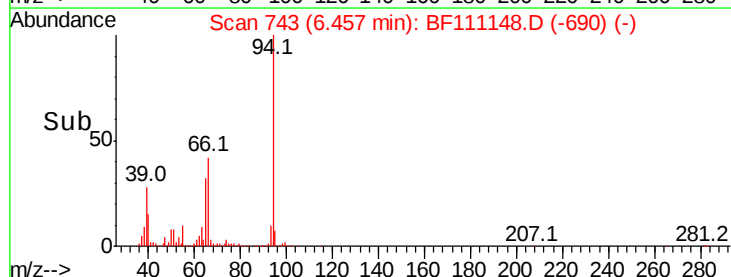
66 41.9 19.8 59.8

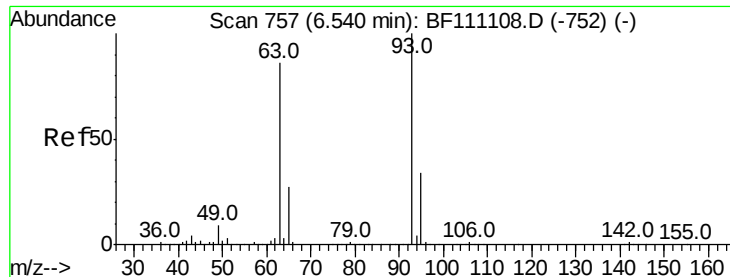


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

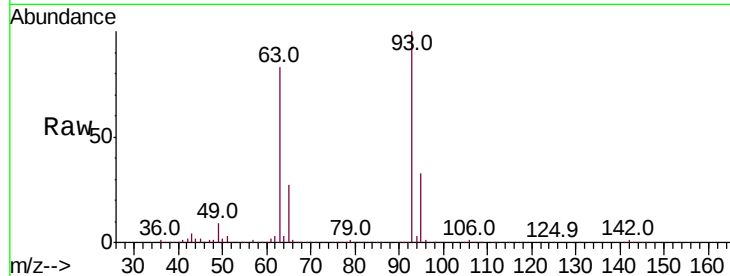




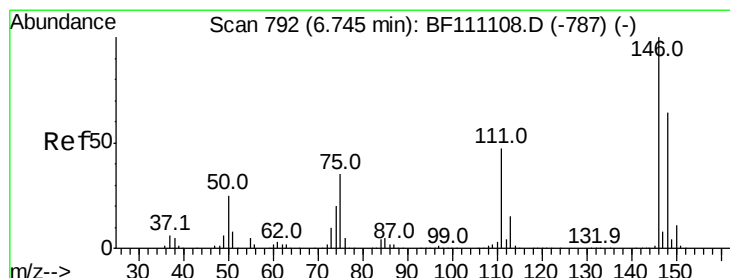
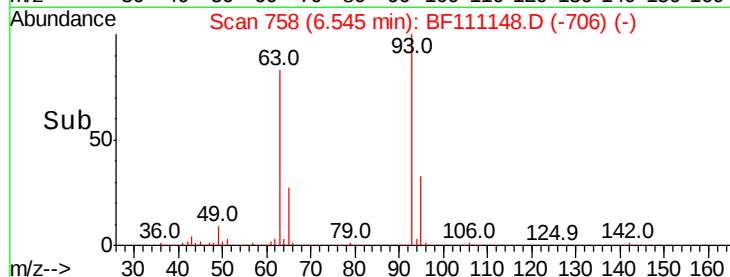
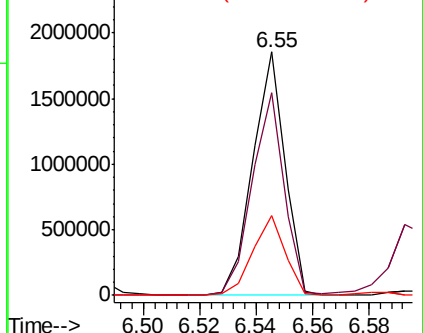
#11
bis(2-Chloroethyl)ether
Concen: 40.769 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 1462607
Ion Ratio Lower Upper
93 100
63 83.4 66.0 106.0
95 32.6 14.3 54.3

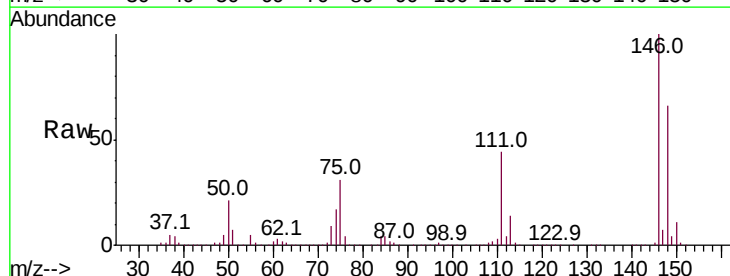


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

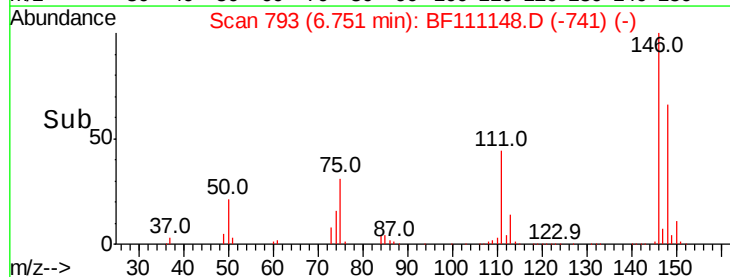
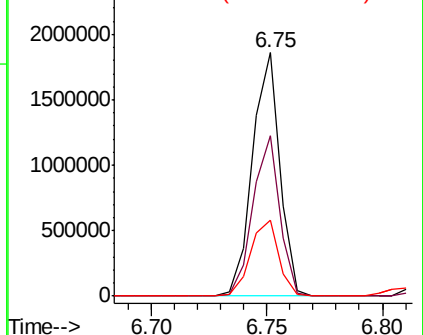


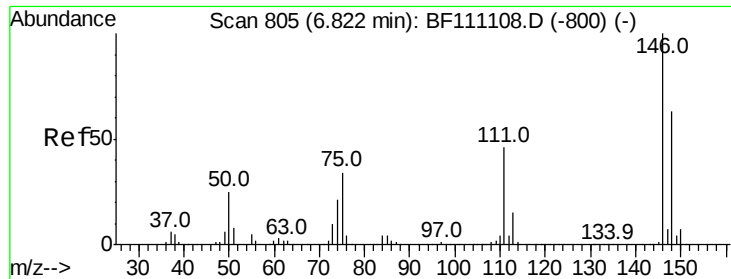
#12
1,3-Dichlorobenzene
Concen: 40.228 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion: 146 Resp: 1541071
Ion Ratio Lower Upper
146 100
148 66.0 51.3 76.9
75 31.4 27.7 41.5



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

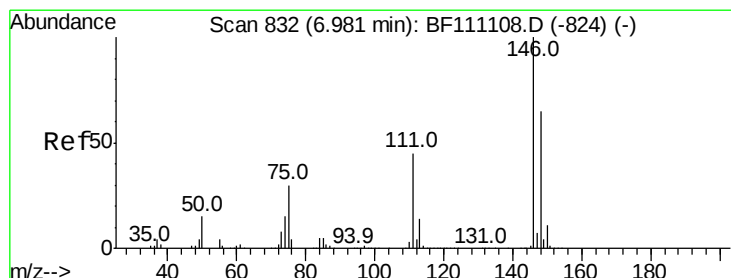
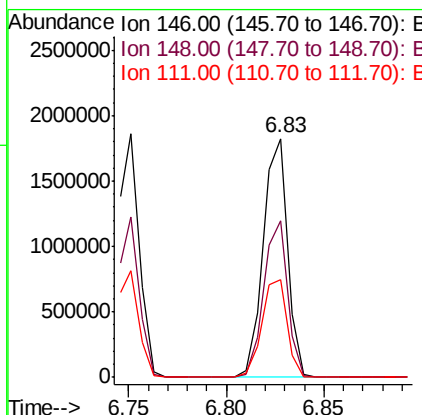
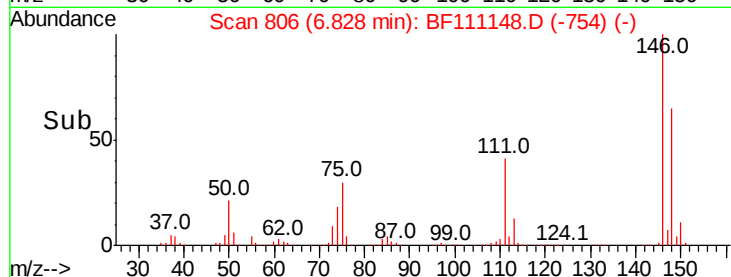
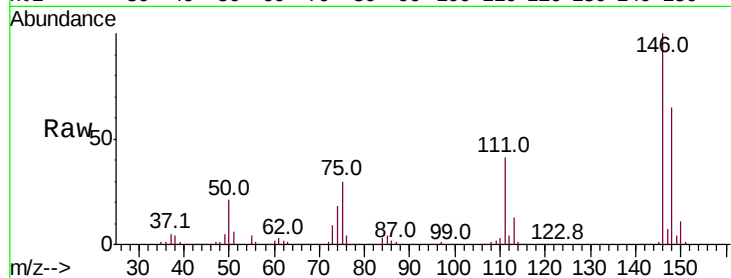




#13
 1,4-Dichlorobenzene
 Concen: 40.830 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

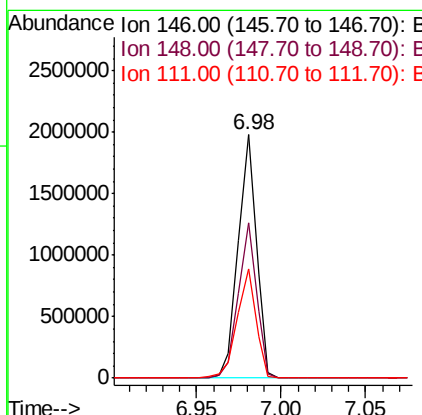
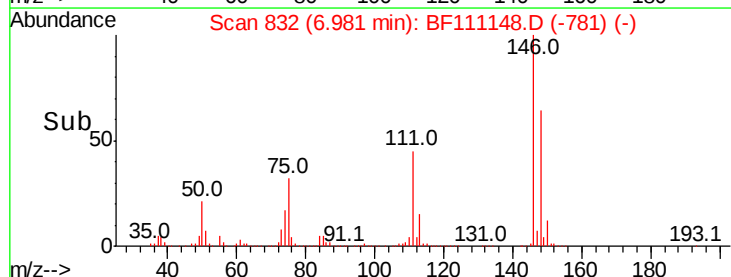
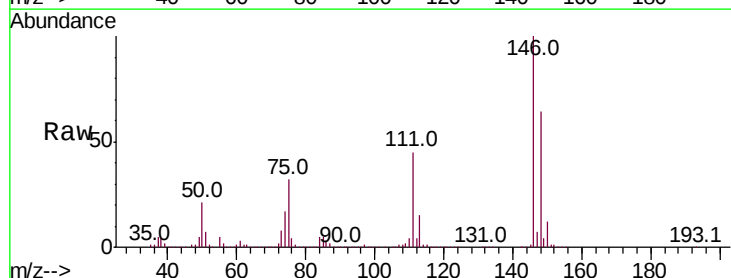
Instrument :
 BNA_F
 ClientSampled :

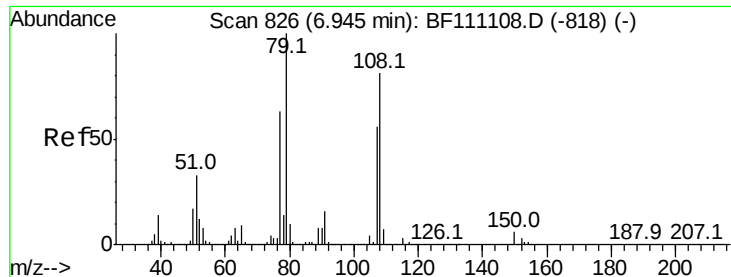
Tot Ion:146 Resp: 1574052
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.3 75.5
 111 41.0 36.6 55.0



#14
 1,2-Dichlorobenzene
 Concen: 41.461 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:146 Resp: 1486869
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 45.0 35.7 53.5





#15

Benzyl Alcohol

Concen: 43.481 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

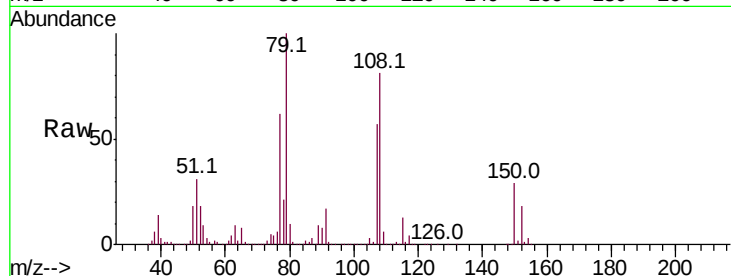
Tot Ion: 79 Resp: 1386923

Ion Ratio Lower Upper

79 100

108 80.6 64.5 96.7

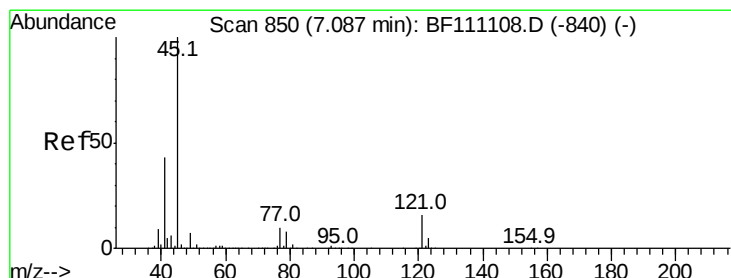
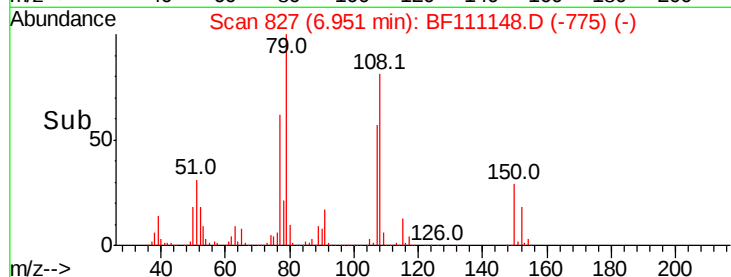
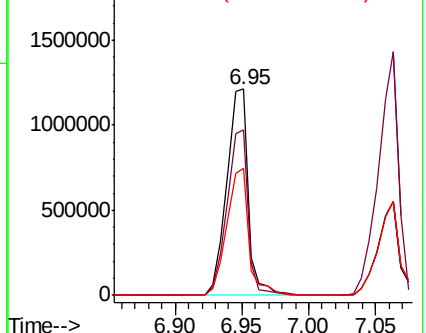
77 61.9 50.5 75.7



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: 41.648 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

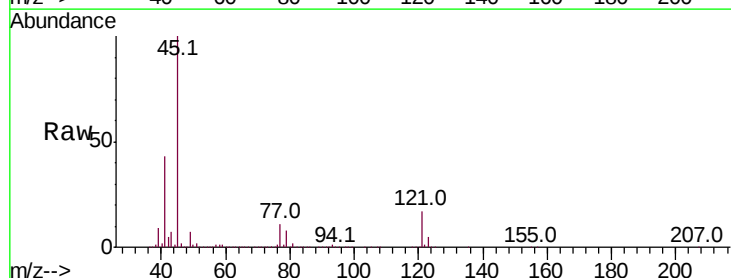
Tgt Ion: 45 Resp: 2906480

Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.6

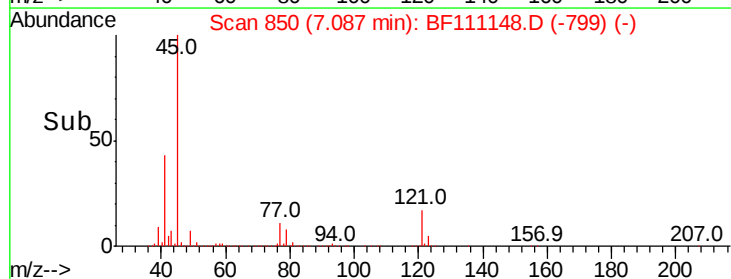
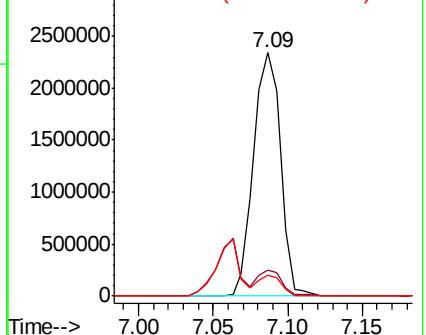
79 8.3 0.0 28.4

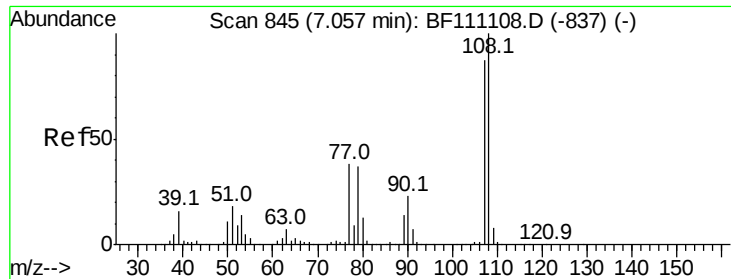


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

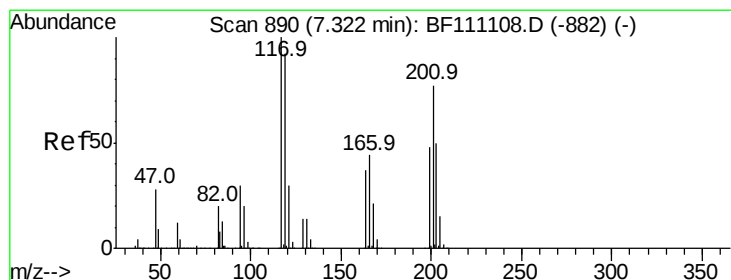
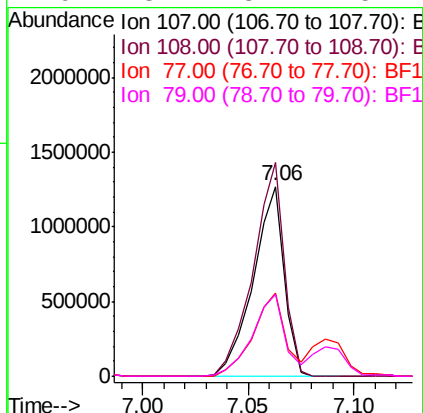
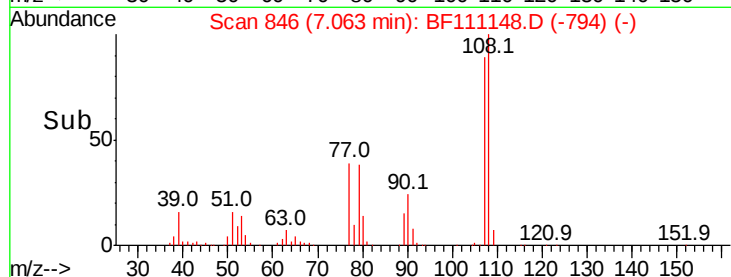
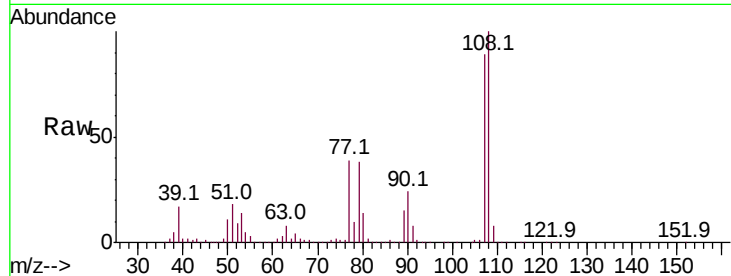




#17
2-Methylphenol
Concen: 43.763 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

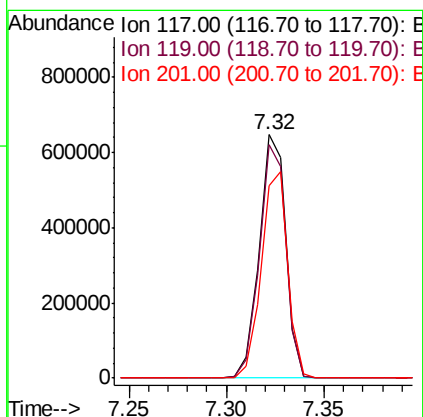
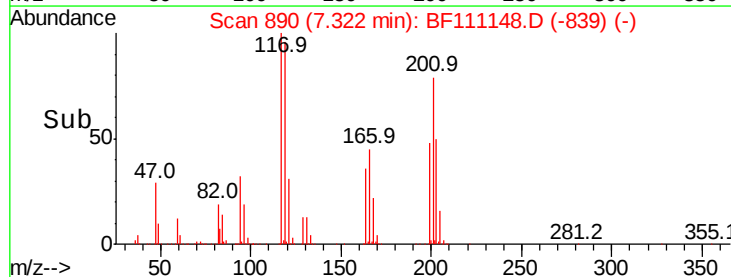
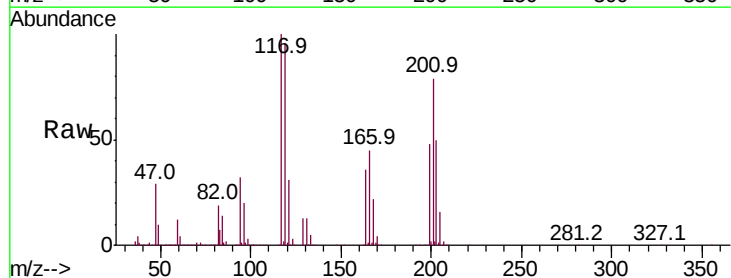
Instrument :
BNA_F
ClientSampleId :

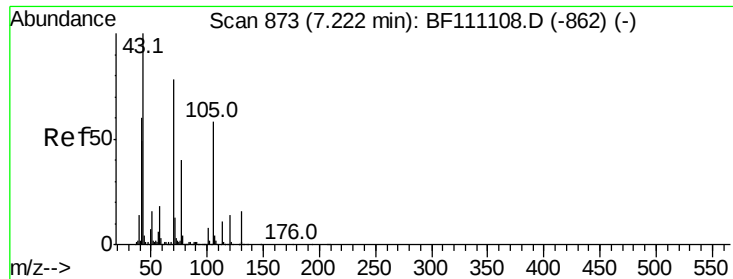
Tot Ion:107 Resp: 1294003
Ion Ratio Lower Upper
107 100
108 112.7 91.8 137.8
77 43.6 34.7 52.1
79 43.2 34.2 51.2



#18
Hexachloroethane
Concen: 41.894 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:117 Resp: 605882
Ion Ratio Lower Upper
117 100
119 95.7 73.8 110.6
201 79.2 61.2 91.8

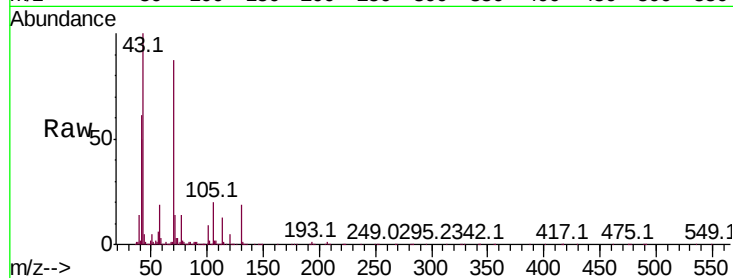




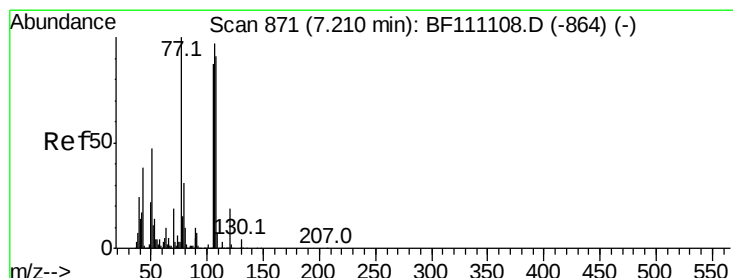
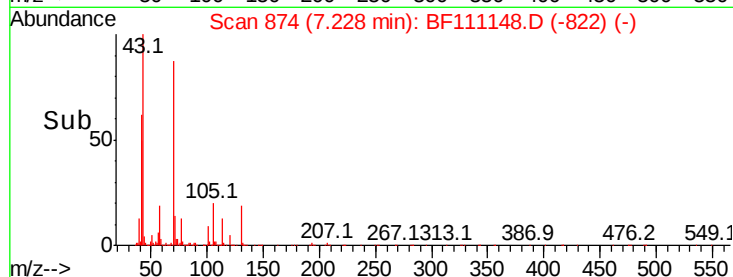
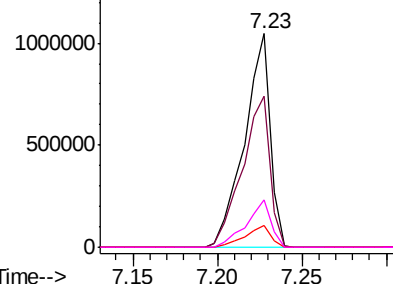
#19
n-Nitroso-di-n-propylamine
Concen: 41.044 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1110391
Ion Ratio Lower Upper
70 100
42 70.9 61.3 91.9
101 9.9 7.7 11.5
130 22.4 16.3 24.5

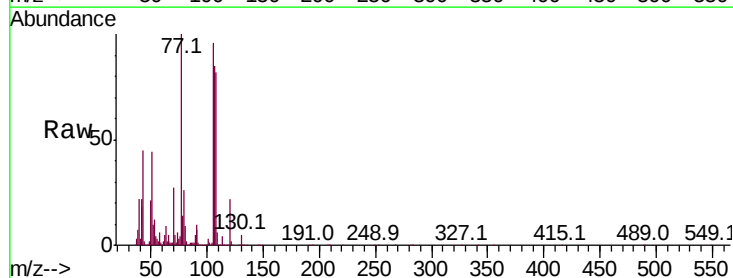


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

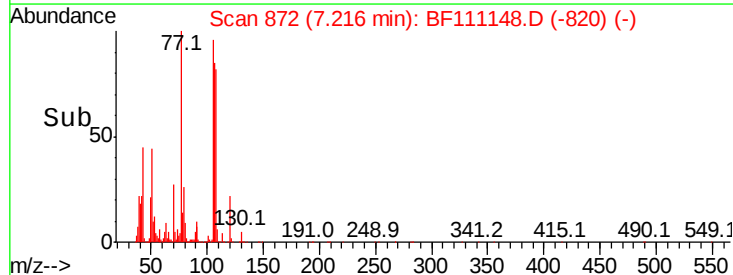
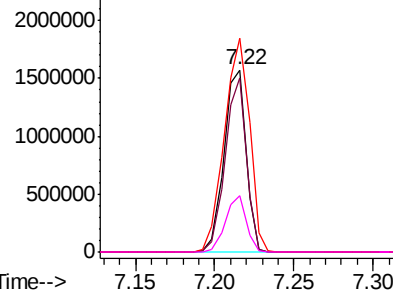


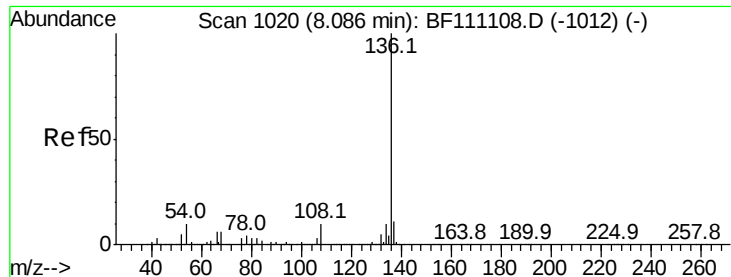
#20
3+4-Methylphenols
Concen: 42.061 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:107 Resp: 1516882
Ion Ratio Lower Upper
107 100
108 95.6 74.0 114.0
77 117.1 83.2 123.2
79 30.9 11.6 51.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1940730

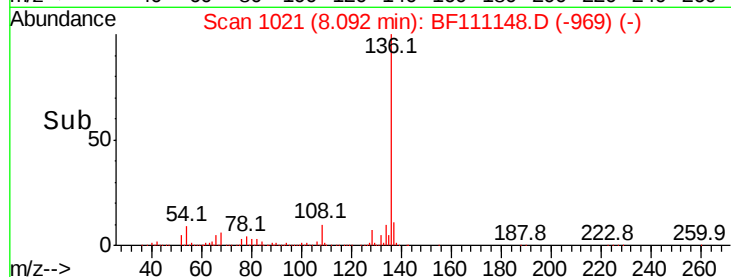
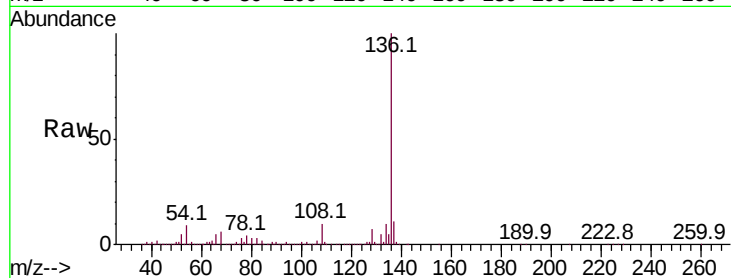
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.9 8.4 12.6

68 5.7 5.0 7.4



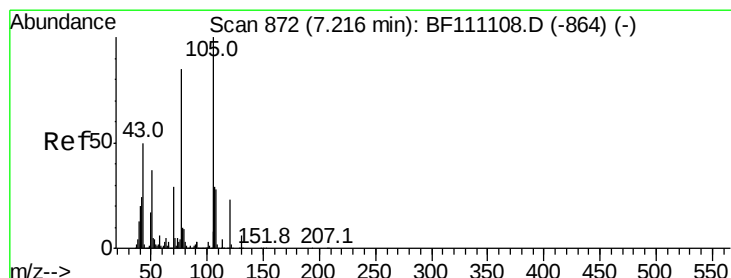
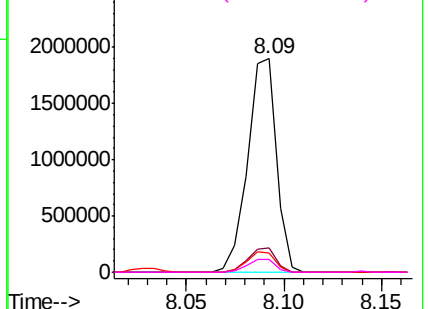
Abundance

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: 43.503 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Tgt Ion:105 Resp: 2040277

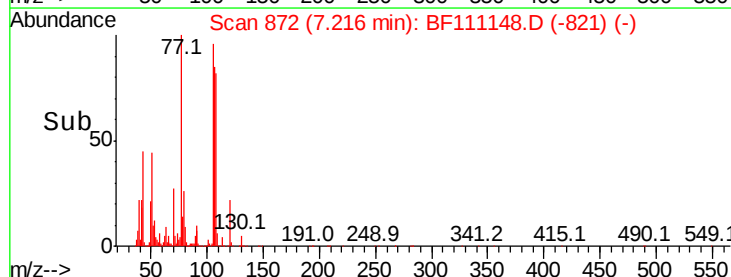
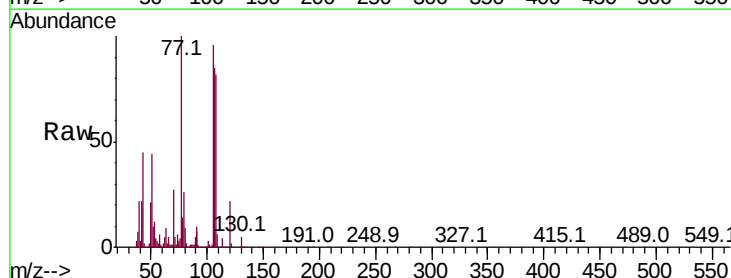
Ion Ratio Lower Upper

105 100

71 4.8 4.0 6.0

51 46.3 29.8 44.8#

120 22.7 18.7 28.1



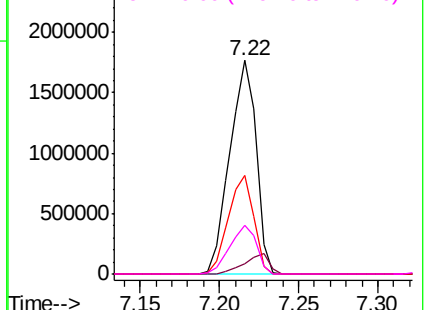
Abundance

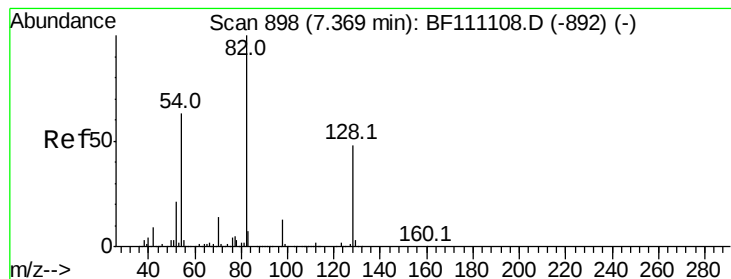
Ion 105.00 (104.70 to 105.70): E

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: 96.755 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampled :

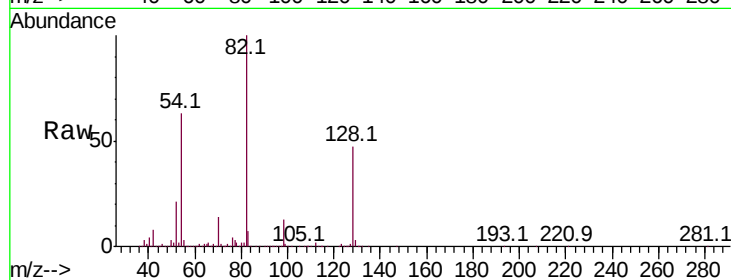
Tot Ion: 82 Resp: 3171713

Ion Ratio Lower Upper

82 100

128 46.6 38.1 57.1

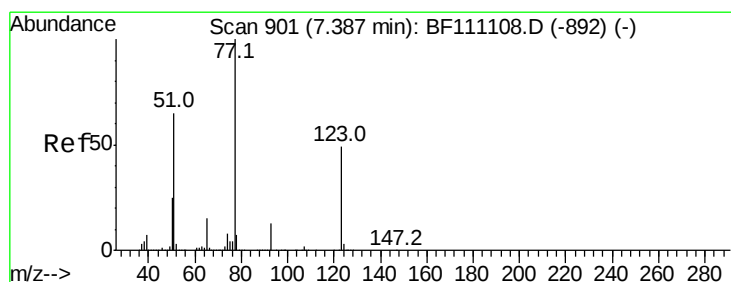
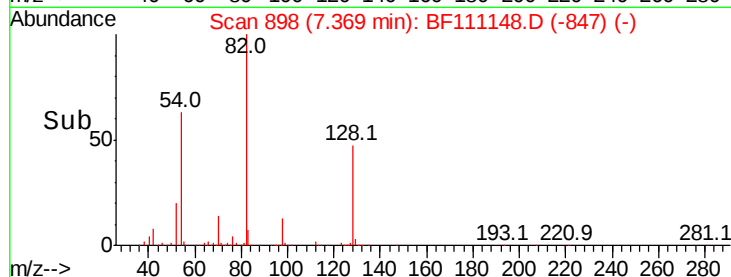
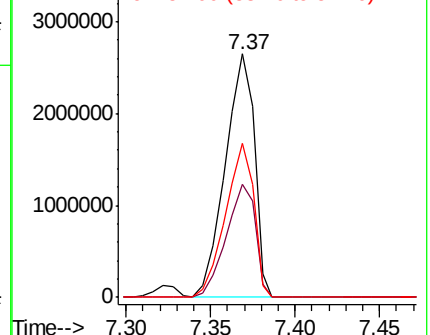
54 63.3 50.3 75.5



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: 46.022 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

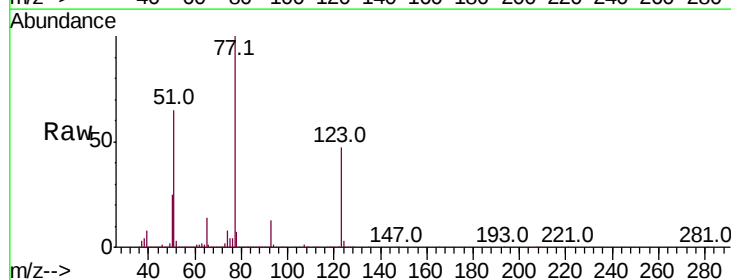
Tgt Ion: 77 Resp: 1623025

Ion Ratio Lower Upper

77 100

123 46.5 39.5 59.3

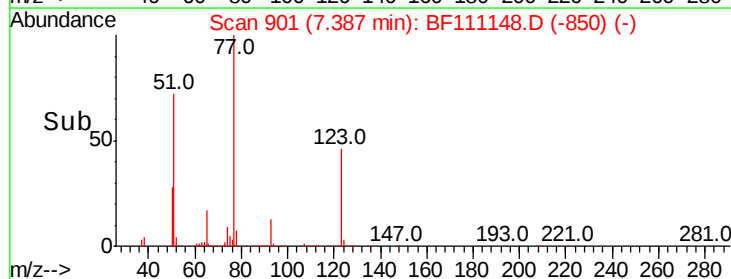
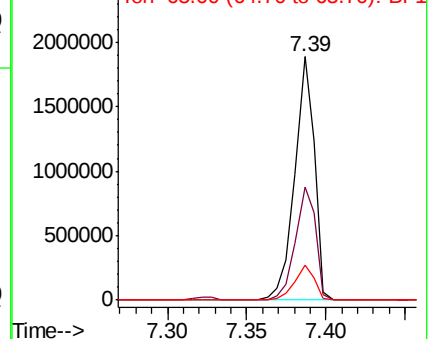
65 14.4 11.8 17.6

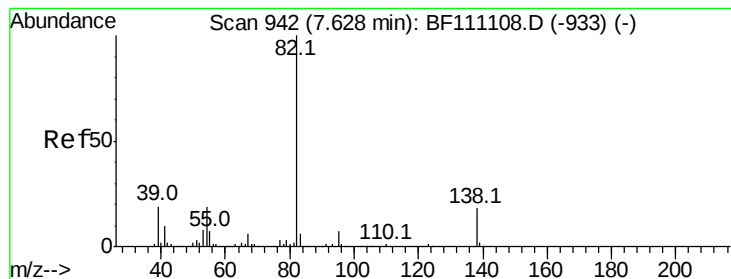


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.001 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

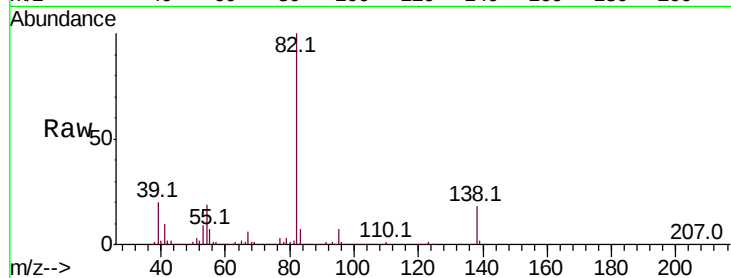
Tot Ion: 82 Resp: 2947886

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

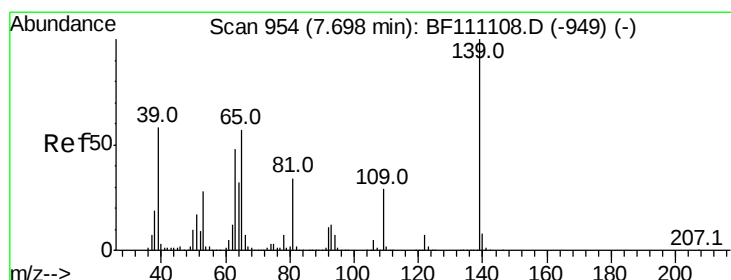
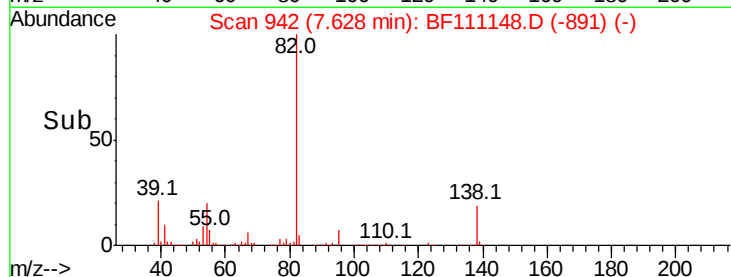
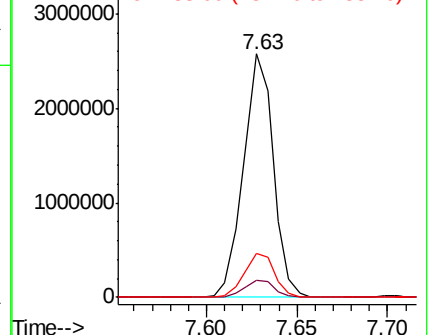
138 17.9 14.6 22.0



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: 54.434 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

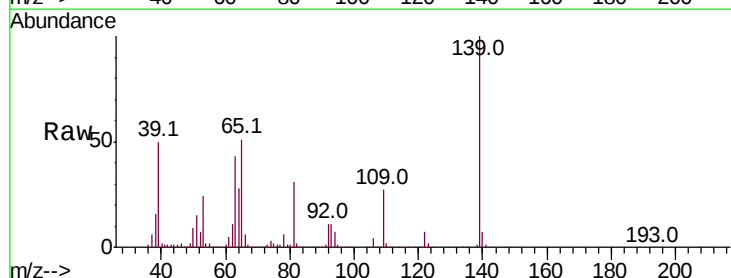
Tgt Ion: 139 Resp: 811130

Ion Ratio Lower Upper

139 100

109 26.6 23.1 34.7

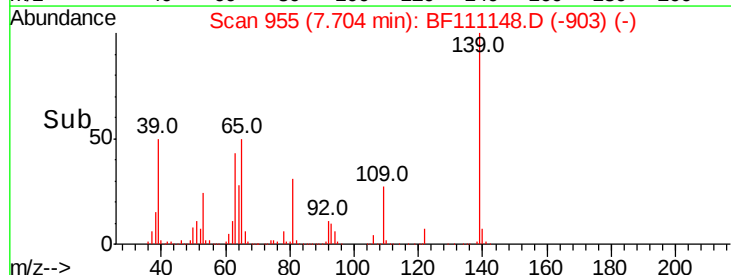
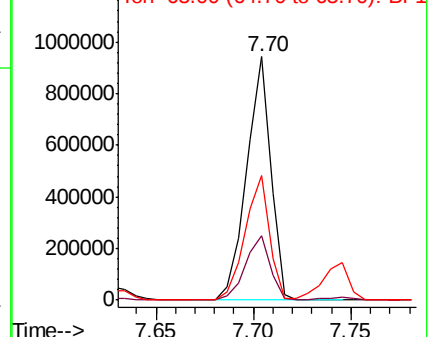
65 51.3 45.9 68.9

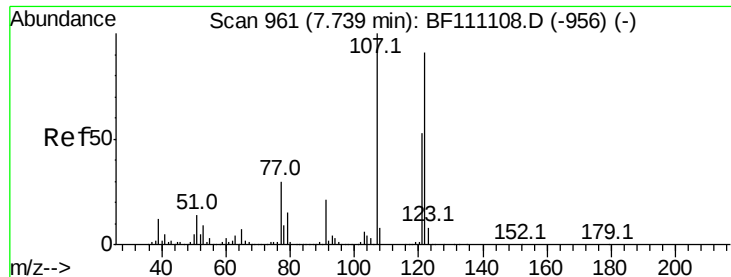


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

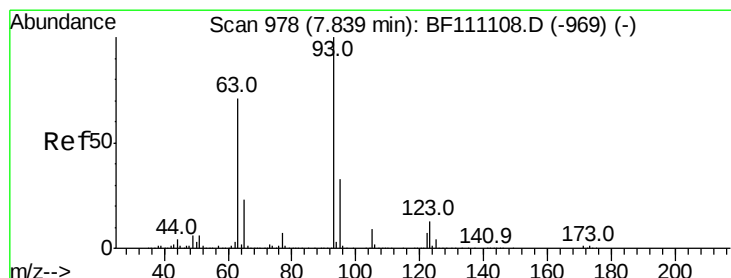
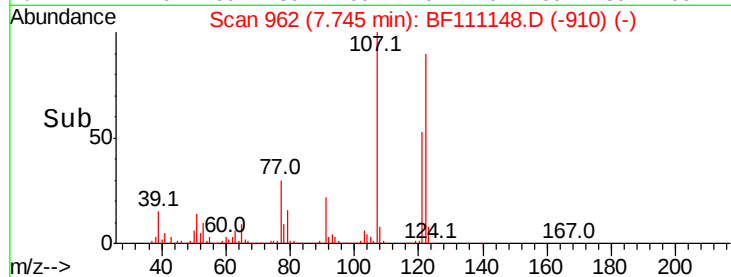
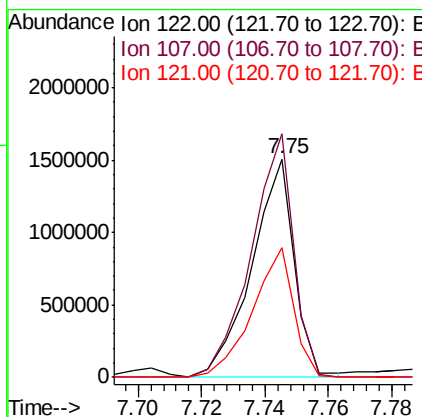
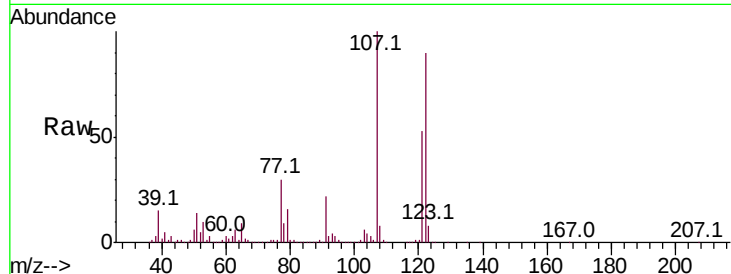




#27
 2,4-Dimethylphenol
 Concen: 49.904 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

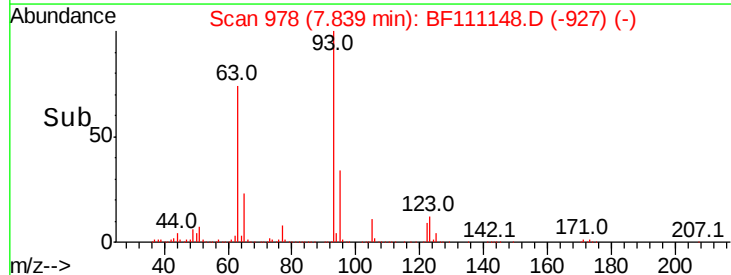
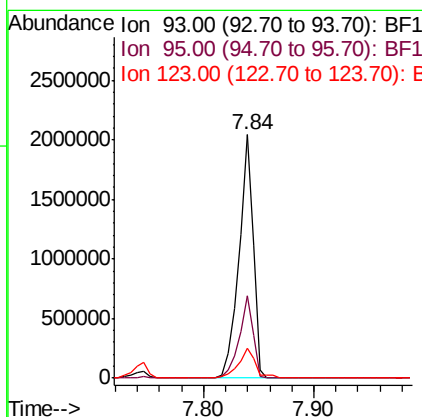
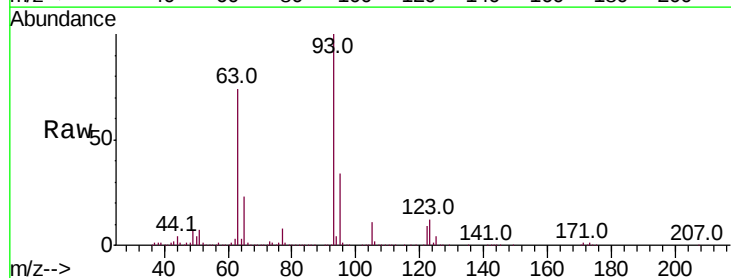
Instrument :
 BNA_F
 ClientSampleId :

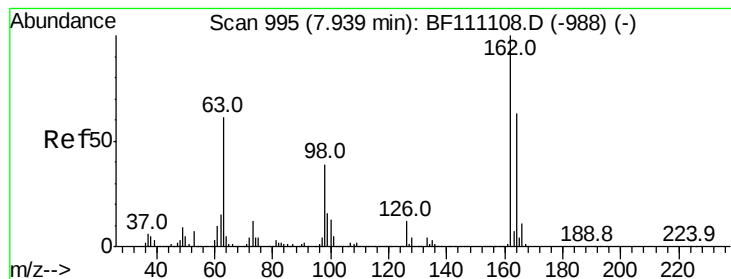
Tot Ion:122 Resp: 1400492
 Ion Ratio Lower Upper
 122 100
 107 111.5 87.4 131.0
 121 59.3 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.665 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion: 93 Resp: 1859759
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.6 39.8
 123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.172 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

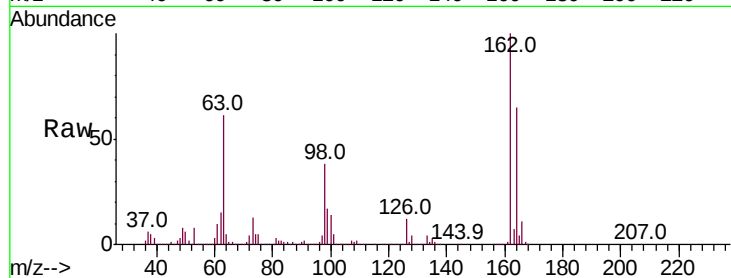
Tot Ion:162 Resp: 1275625

Ion Ratio Lower Upper

162 100

164 64.6 43.3 83.3

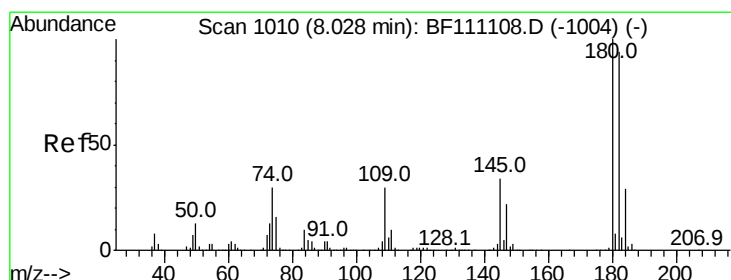
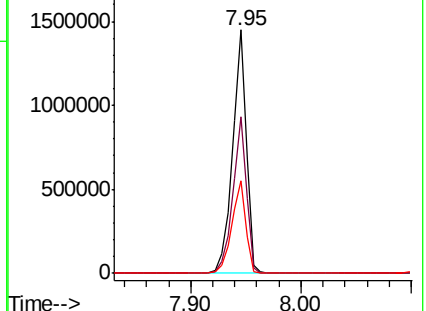
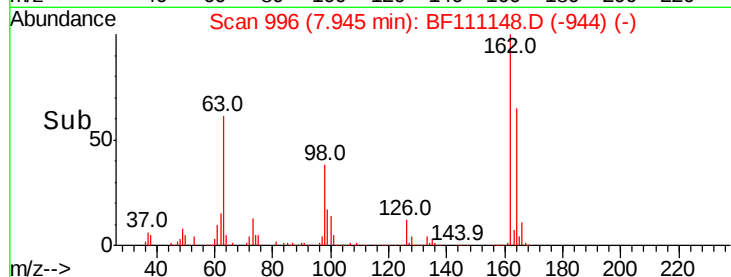
98 38.3 18.9 58.9



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: 44.061 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

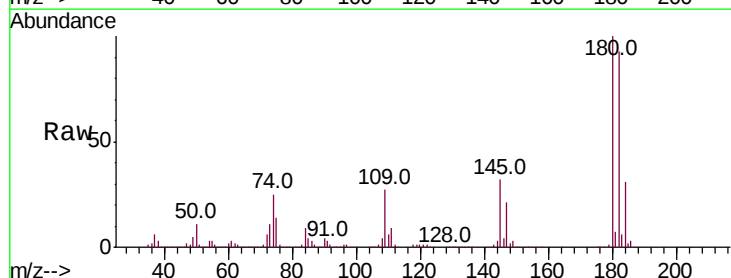
Tgt Ion:180 Resp: 1228681

Ion Ratio Lower Upper

180 100

182 93.0 75.1 112.7

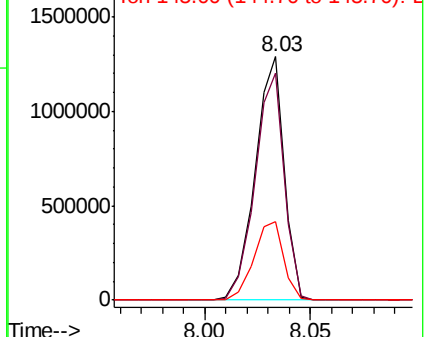
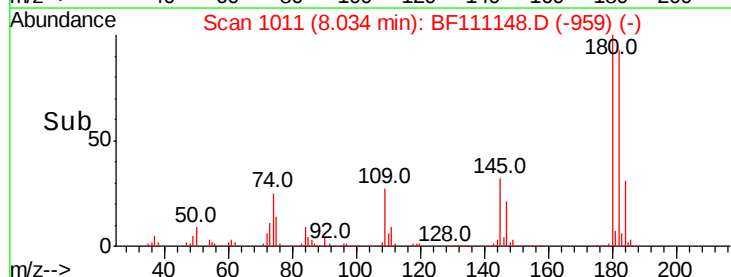
145 32.3 27.6 41.4

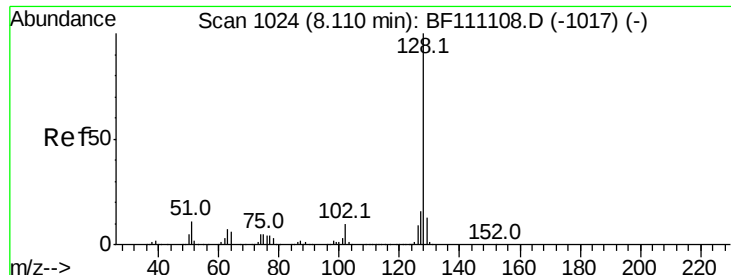


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

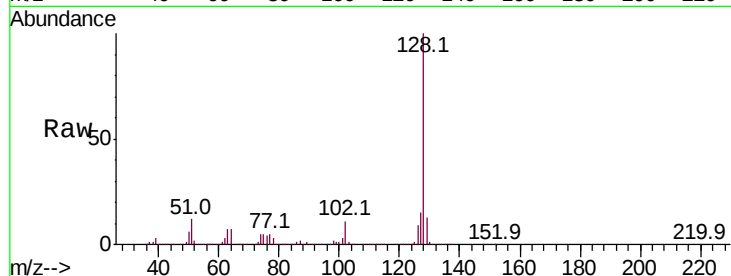




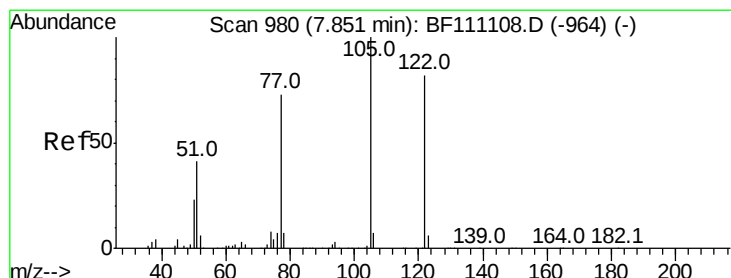
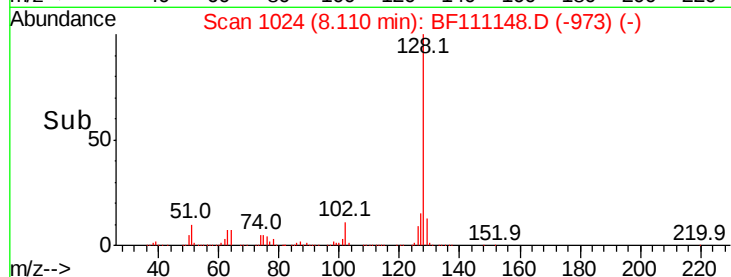
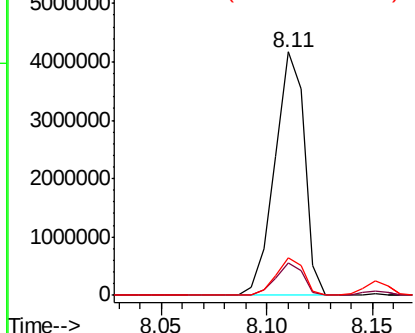
#31
Naphthalene
Concen: 48.294 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 4080688
Ion Ratio Lower Upper
128 100
129 13.2 10.5 15.7
127 15.4 12.5 18.7

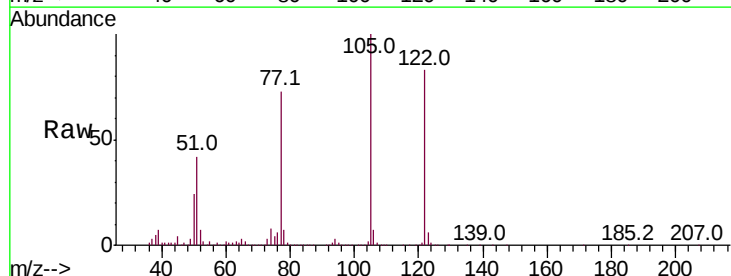


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

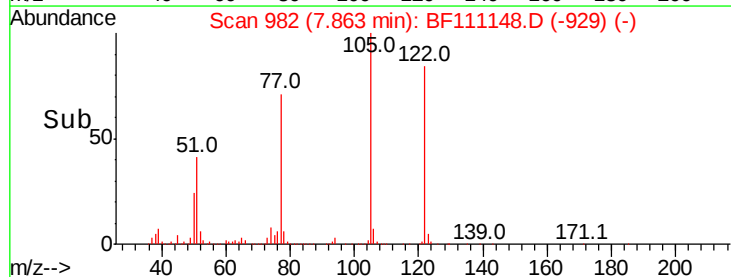
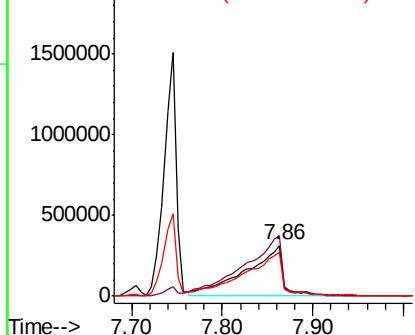


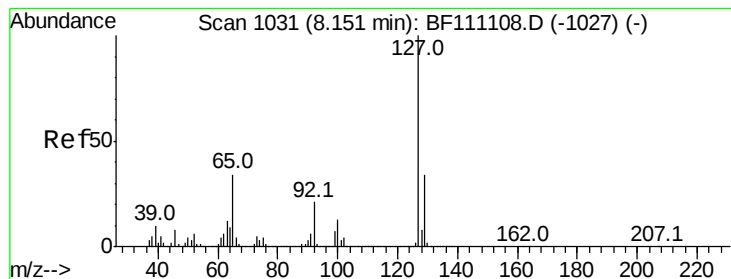
#32
Benzoic acid
Concen: 48.204 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:122 Resp: 892069
Ion Ratio Lower Upper
122 100
105 119.8 100.1 140.1
77 87.9 69.4 109.4



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: 5.661 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 231214

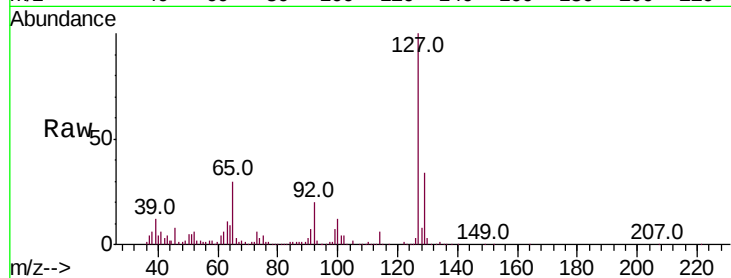
Ion Ratio Lower Upper

127 100

129 34.0 27.0 40.6

65 30.4 27.2 40.8

92 19.5 16.6 24.8

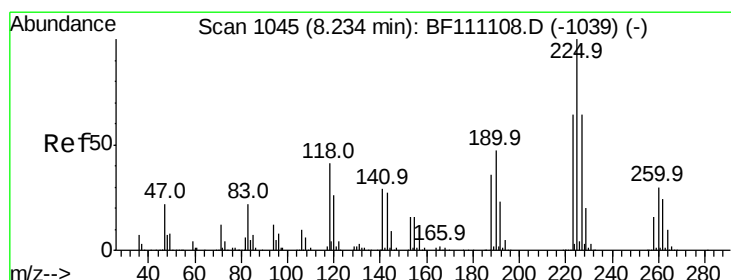
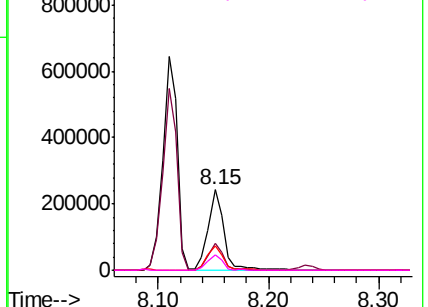
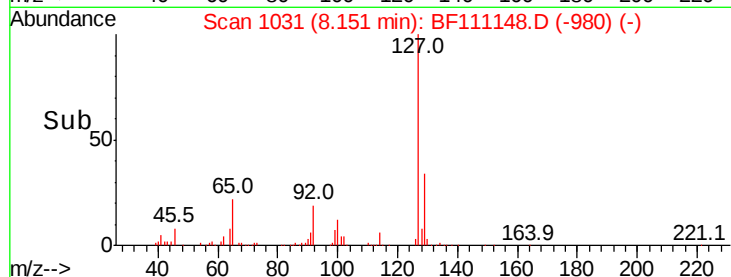


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.596 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

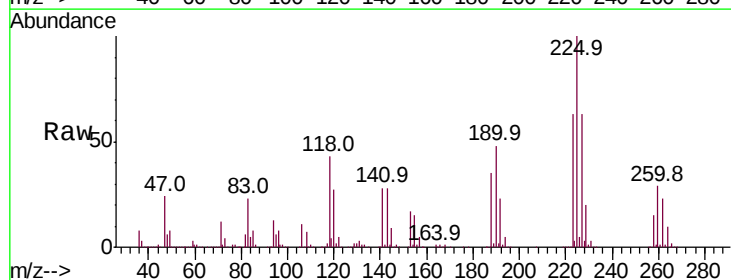
Tgt Ion:225 Resp: 660682

Ion Ratio Lower Upper

225 100

223 62.8 51.4 77.2

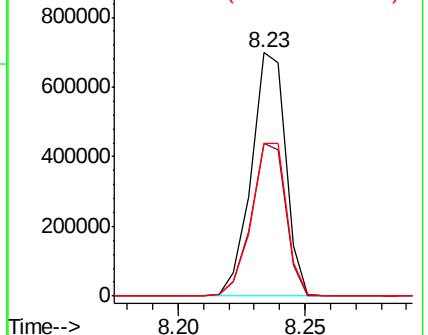
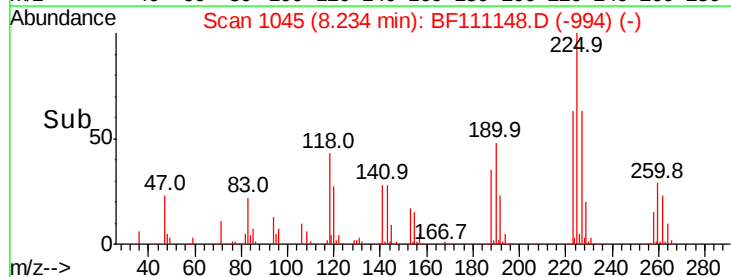
227 62.8 51.0 76.4

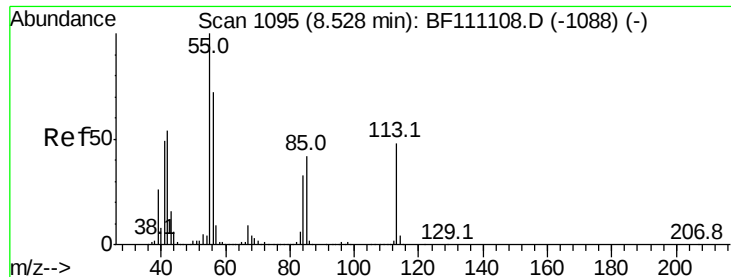


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

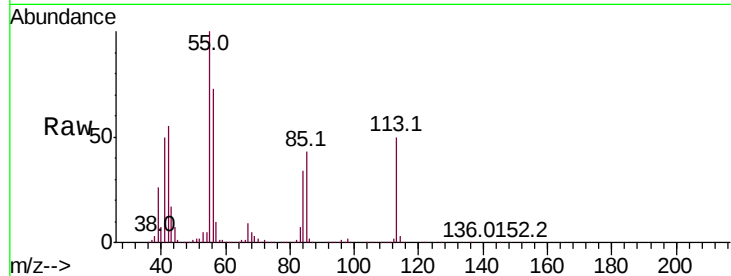




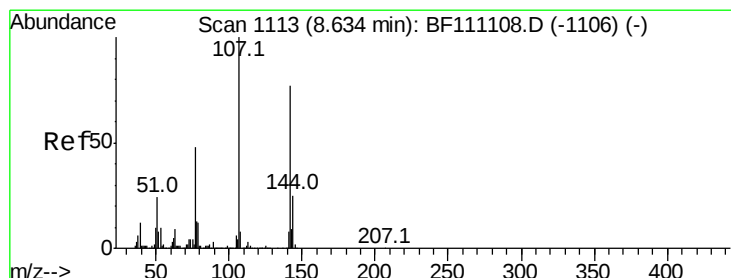
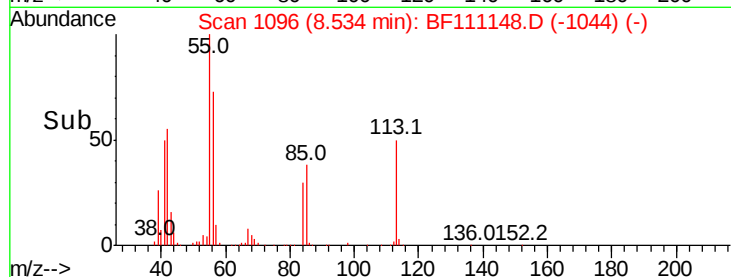
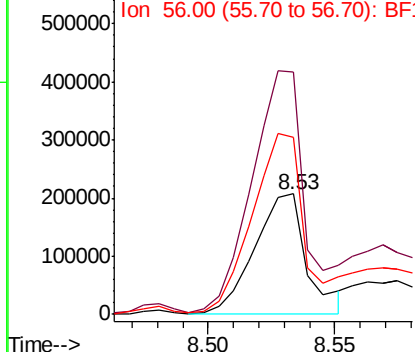
#35
 Caprolactam
 Concen: 29.232 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 296525
 Ion Ratio Lower Upper
 113 100
 55 201.7 190.6 230.6
 56 146.7 130.9 170.9

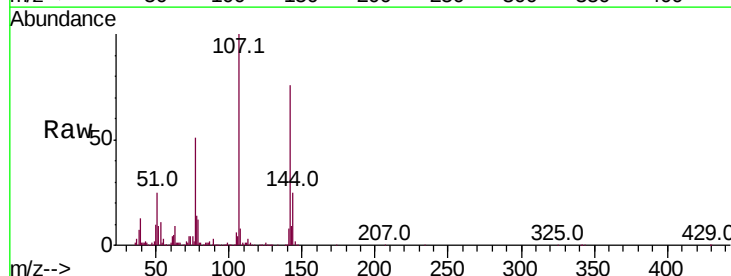


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

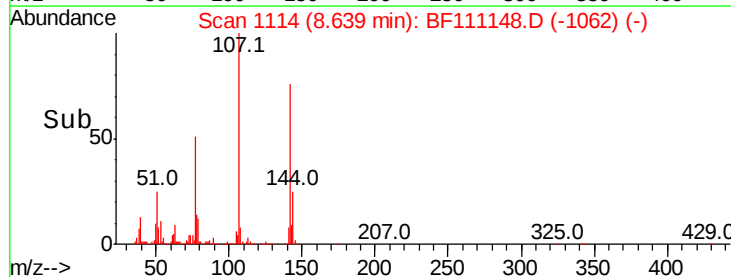
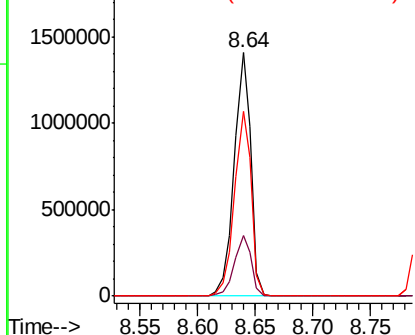


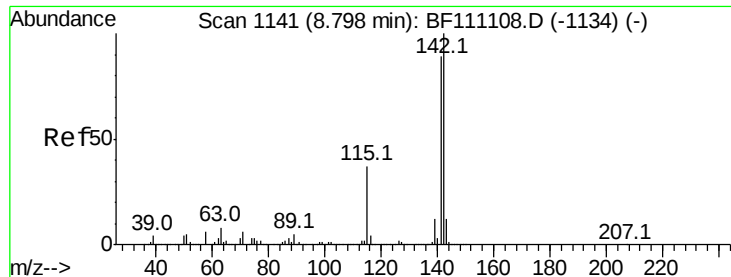
#36
 4-Chloro-3-methylphenol
 Concen: 46.308 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:107 Resp: 1401378
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.9 29.9
 142 75.8 61.4 92.0



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

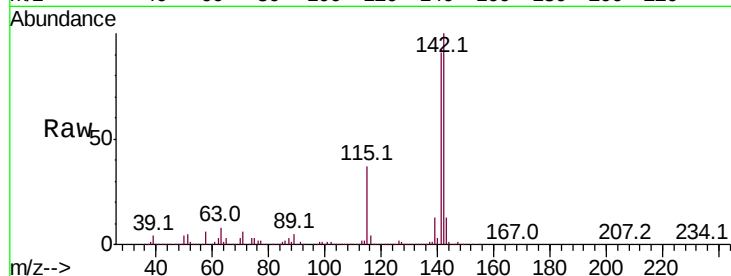




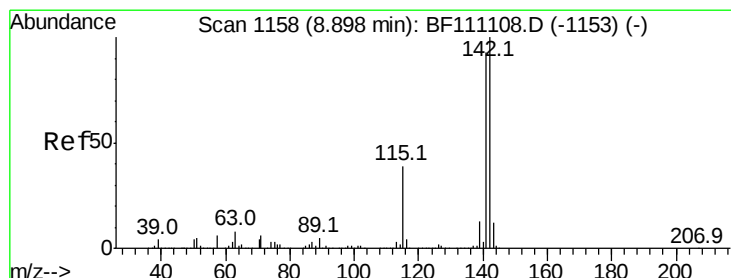
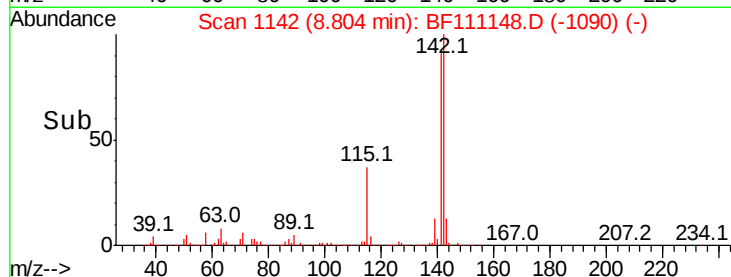
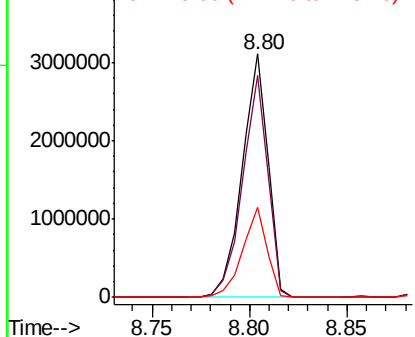
#37
2-Methylnaphthalene
Concen: 48.801 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2844379
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.0
115 36.9 29.2 43.8

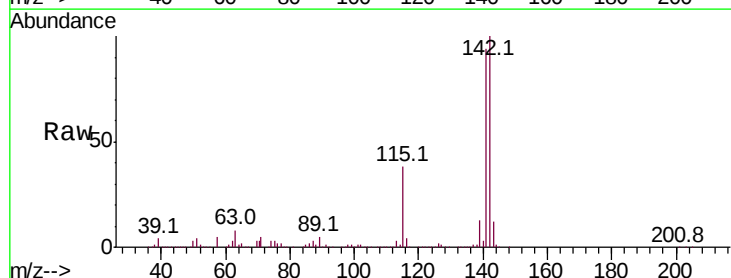


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

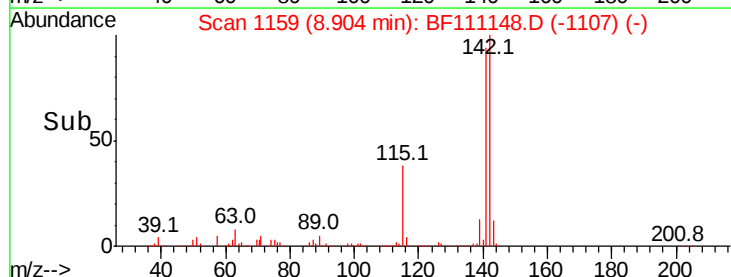
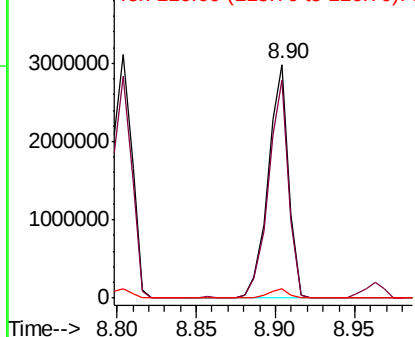


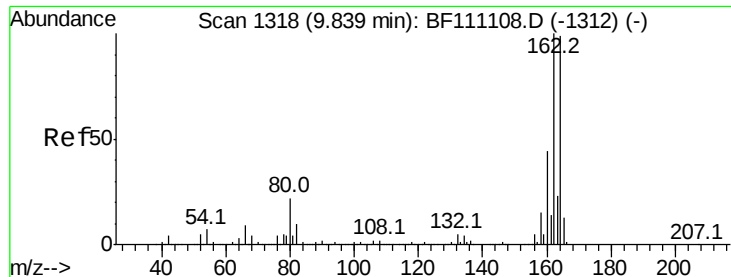
#38
1-Methylnaphthalene
Concen: 48.007 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:142 Resp: 2690154
Ion Ratio Lower Upper
142 100
141 93.6 74.5 111.7
116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

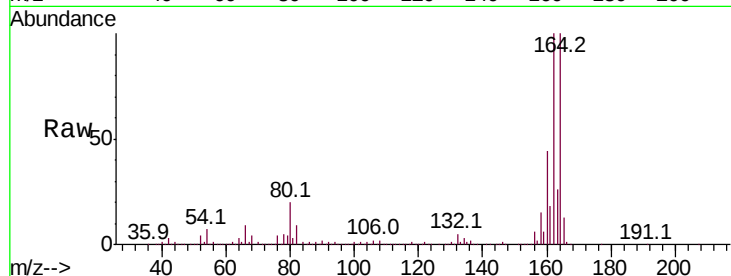




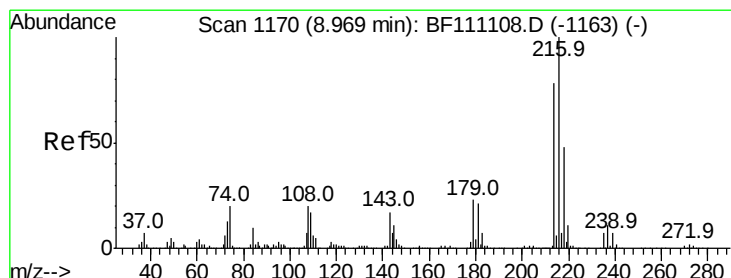
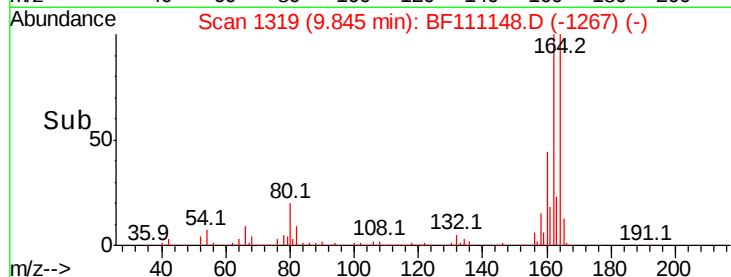
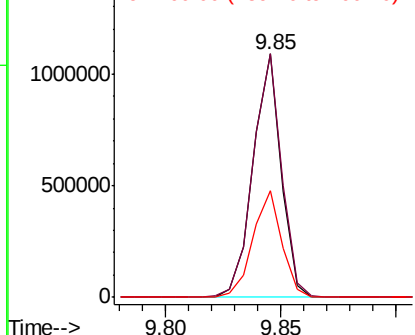
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 925153
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 43.6 35.5 53.3

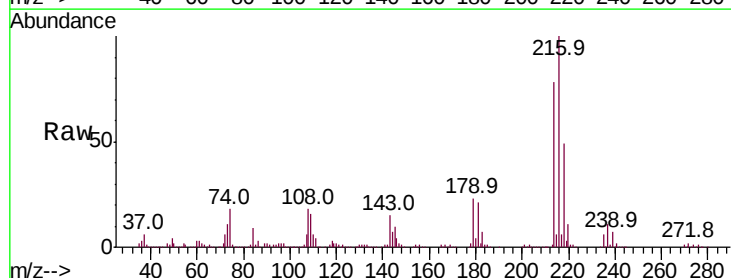


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

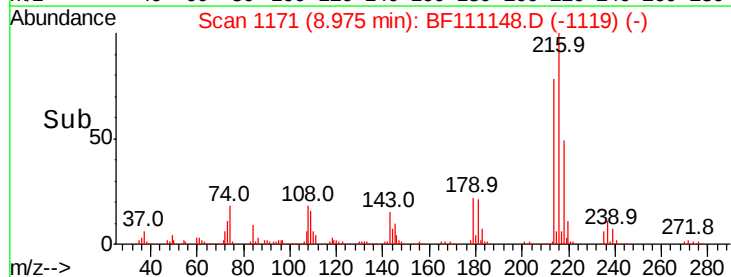
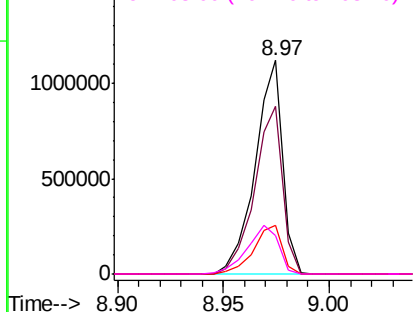


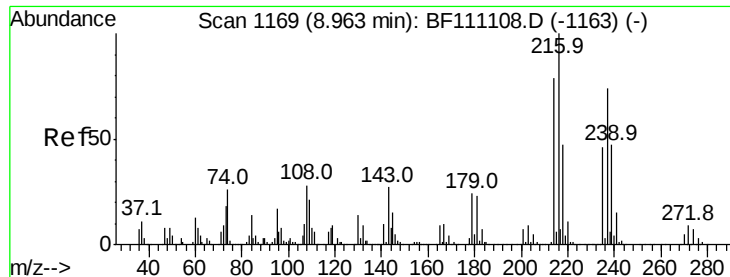
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.124 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:216 Resp: 1014003
Ion Ratio Lower Upper
216 100
214 79.9 63.4 95.0
179 23.5 18.5 27.7
108 26.2 19.1 28.7



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: 96.383 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

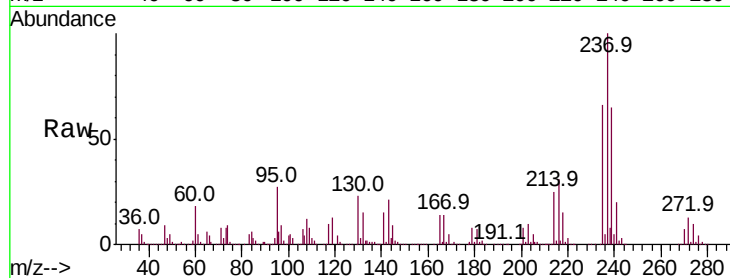
Tot Ion:237 Resp: 1253122

Ion Ratio Lower Upper

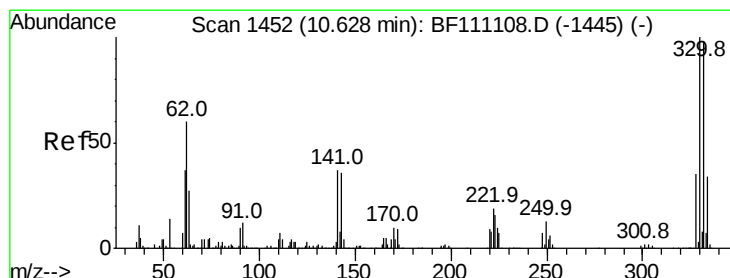
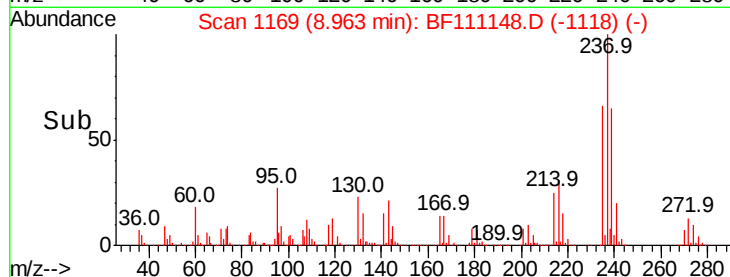
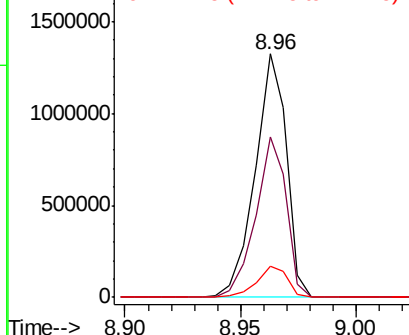
237 100

235 65.8 41.9 81.9

272 12.7 0.0 32.7



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: 140.357 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

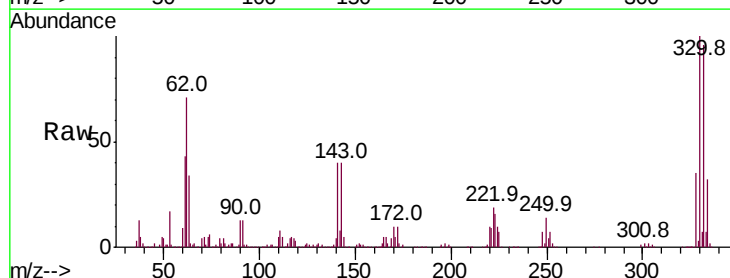
Tgt Ion:330 Resp: 1032171

Ion Ratio Lower Upper

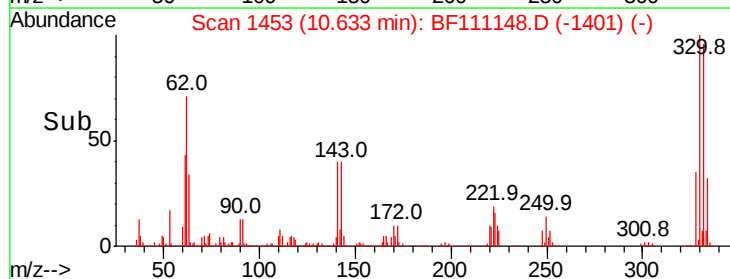
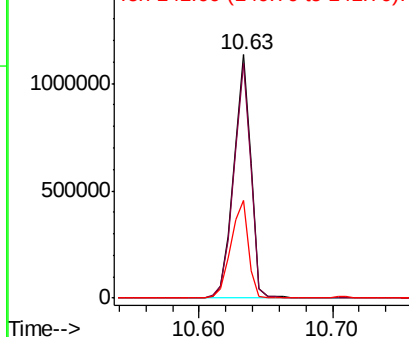
330 100

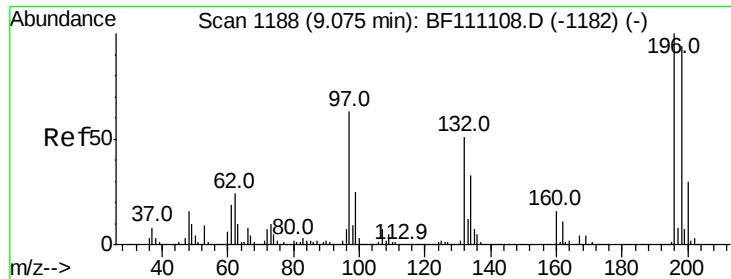
332 96.4 77.2 115.8

141 41.2 36.1 54.1



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

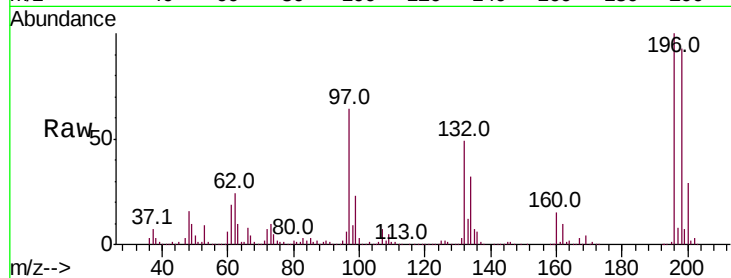




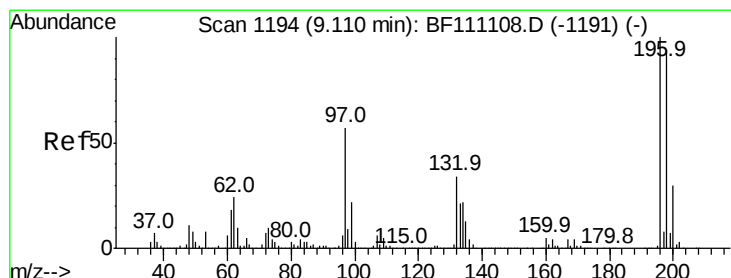
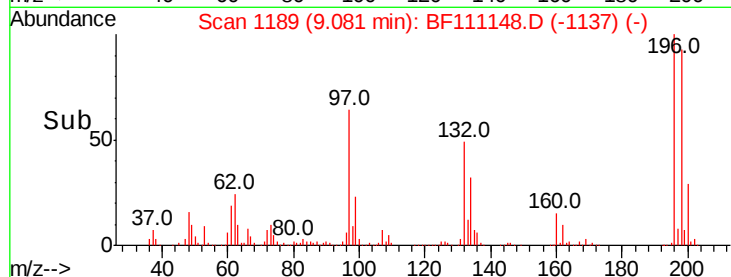
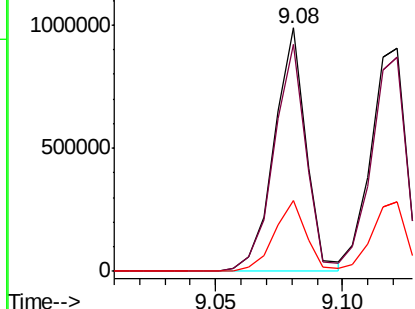
#43
 2,4,6-Trichlorophenol
 Concen: 47.529 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 855931
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.4 113.0
 200 29.0 24.2 36.4

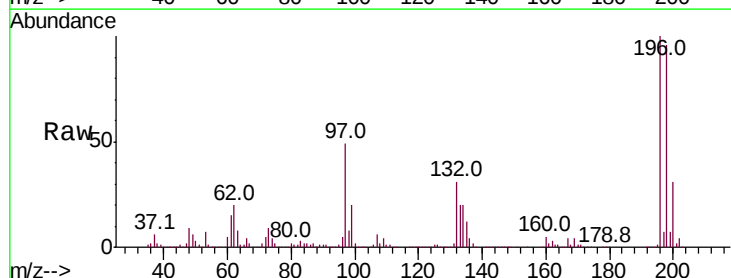


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

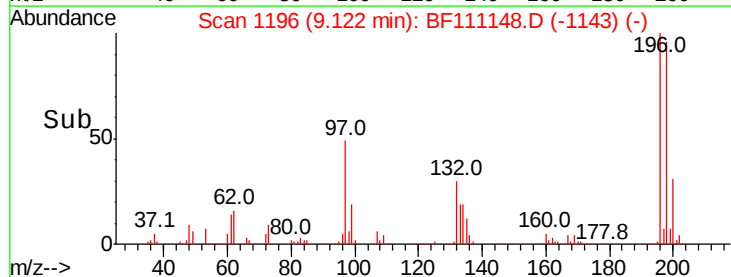
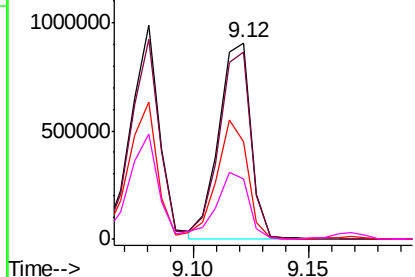


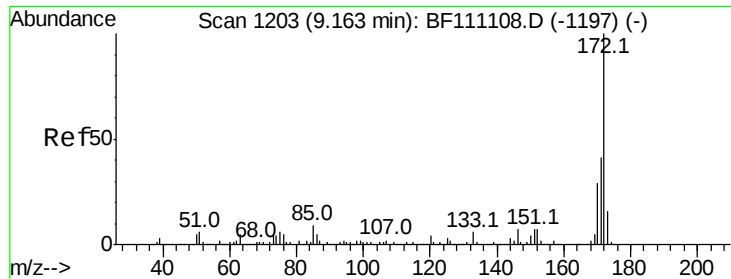
#44
 2,4,5-Trichlorophenol
 Concen: 48.089 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:196 Resp: 877892
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.0 112.4
 97 49.4 46.2 69.4
 132 30.5 27.2 40.8



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

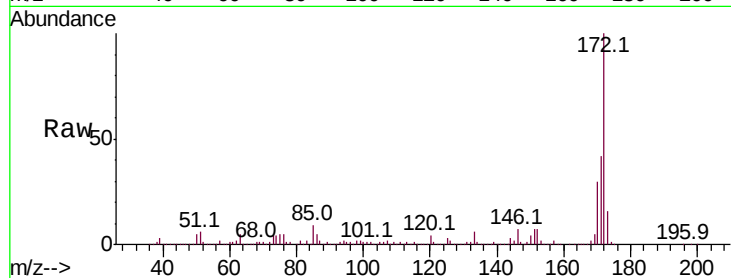




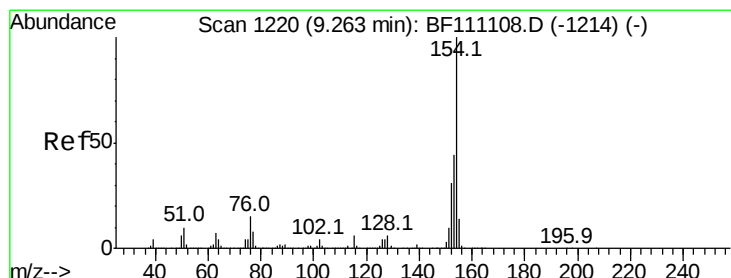
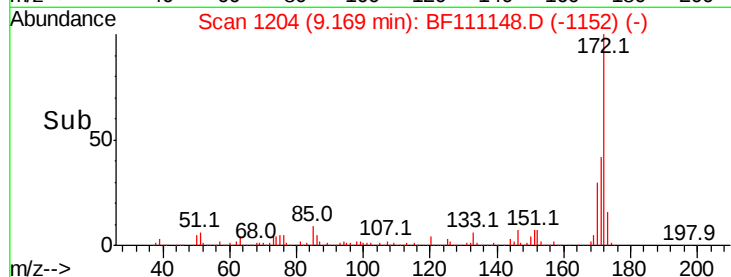
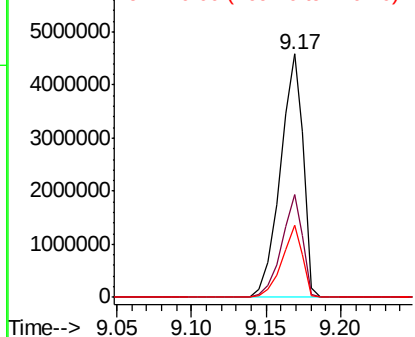
#45
2-Fluorobiphenyl
Concen: 100.840 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4906055
Ion Ratio Lower Upper
172 100
171 42.2 33.2 49.8
170 29.5 22.9 34.3

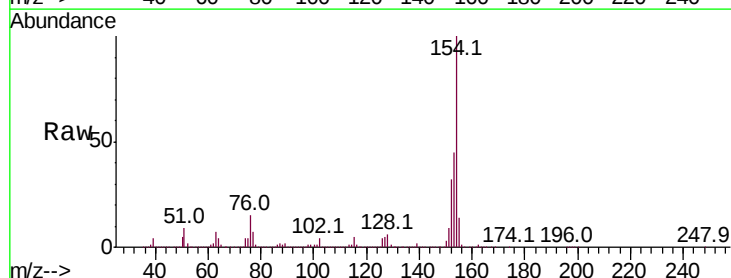


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

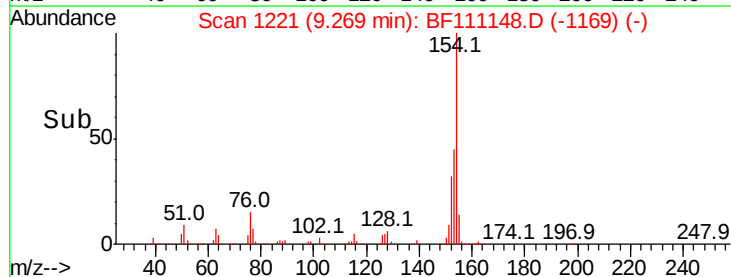
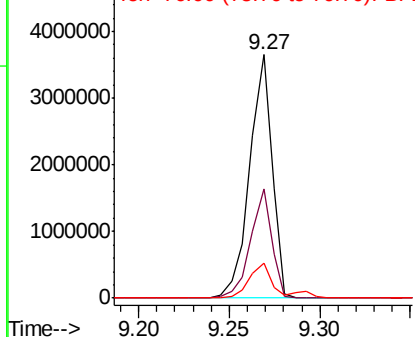


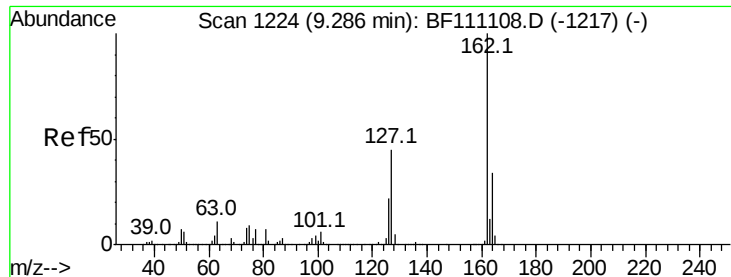
#46
1,1'-Biphenyl
Concen: 41.611 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:154 Resp: 3151411
Ion Ratio Lower Upper
154 100
153 45.0 23.7 63.7
76 14.6 0.0 35.0



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

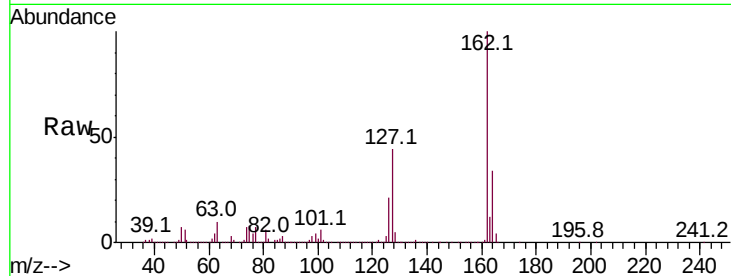




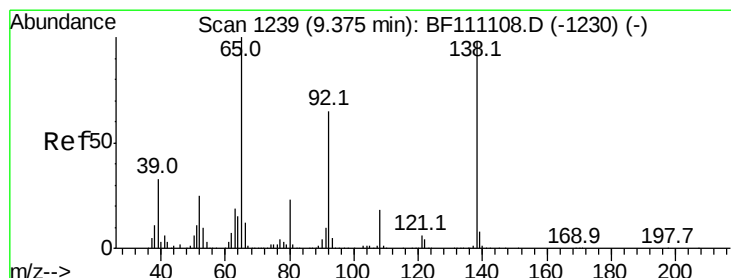
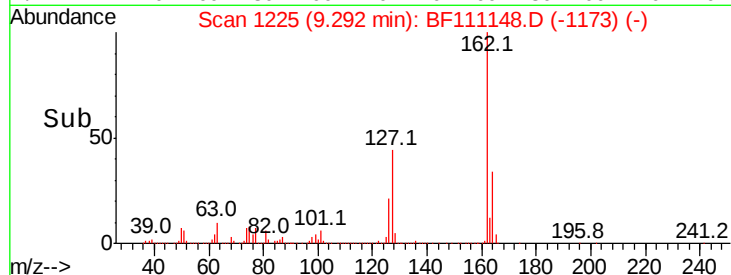
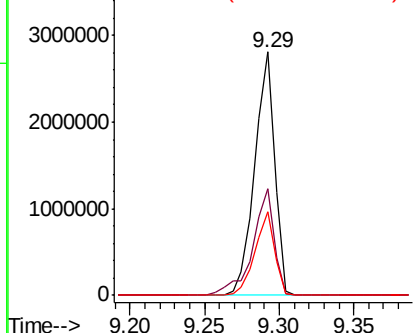
#47
2-Chloronaphthalene
Concen: 43.898 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2583442
Ion Ratio Lower Upper
162 100
127 44.1 36.4 54.6
164 34.3 27.3 40.9

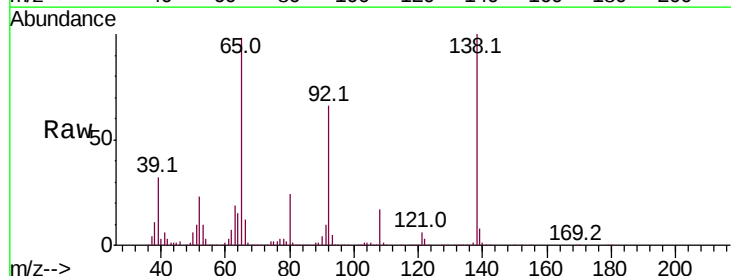


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

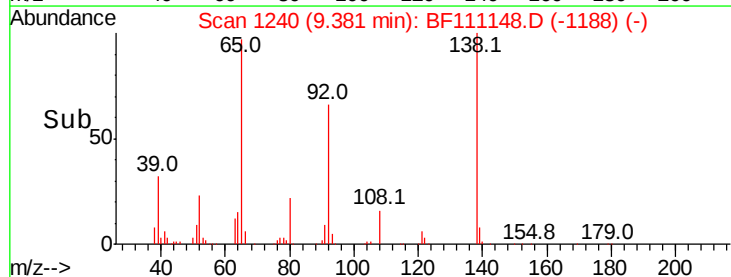
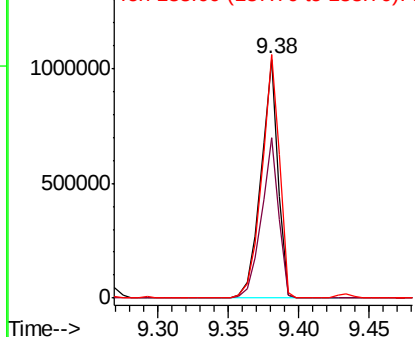


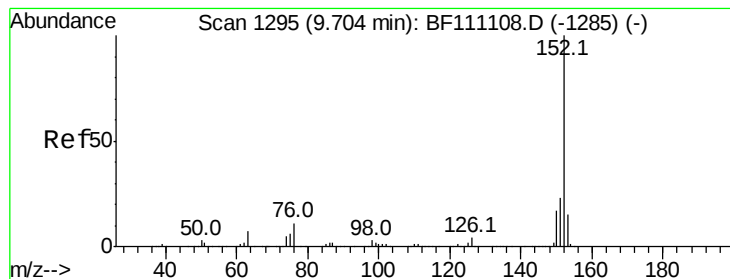
#48
2-Nitroaniline
Concen: 46.962 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion: 65 Resp: 895653
Ion Ratio Lower Upper
65 100
92 67.3 52.1 78.1
138 101.9 78.2 117.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.884 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

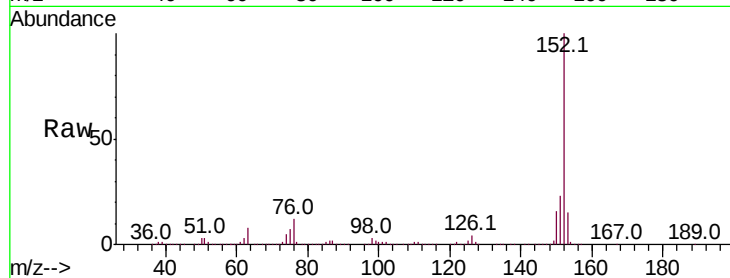
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 3939067

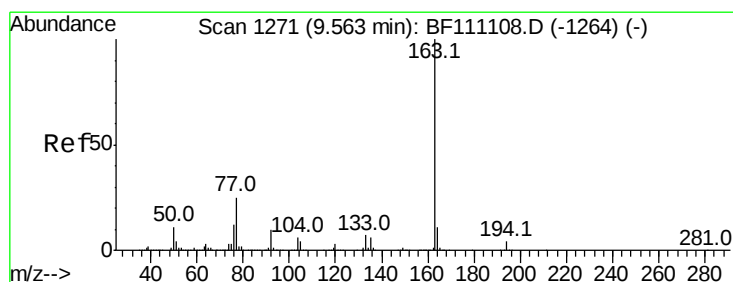
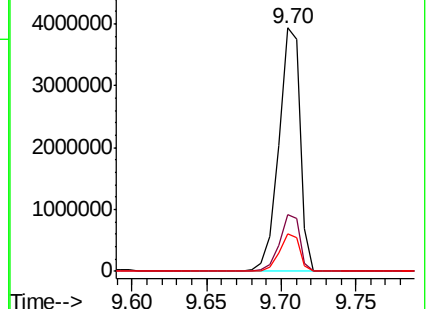
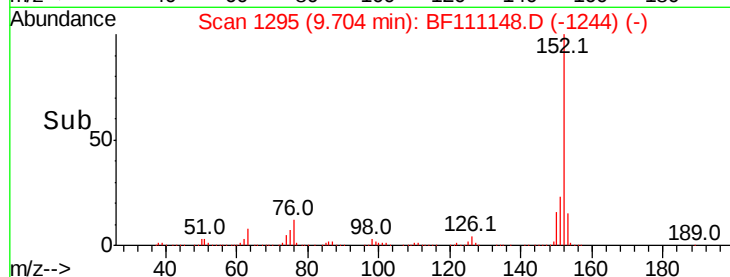
Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.3	27.5
153	15.3	11.8	17.8



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: 52.972 ng

RT: 9.57 min Scan# 1272

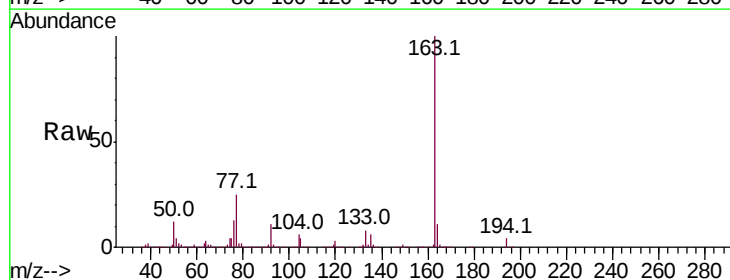
Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Tgt Ion:163 Resp: 3410705

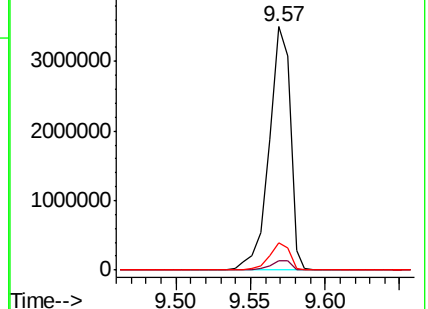
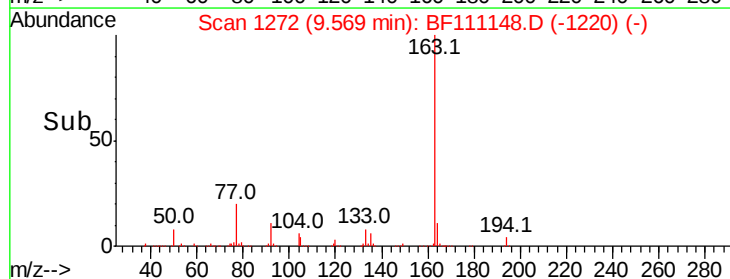
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	11.4	8.9	13.3

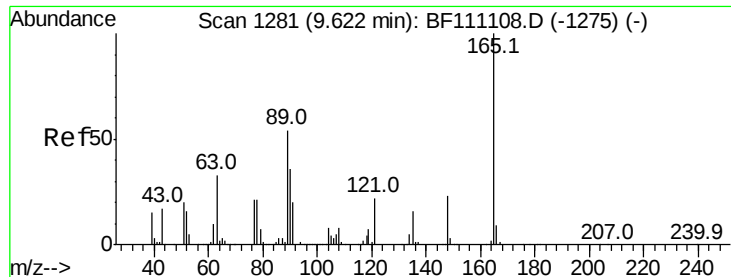


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

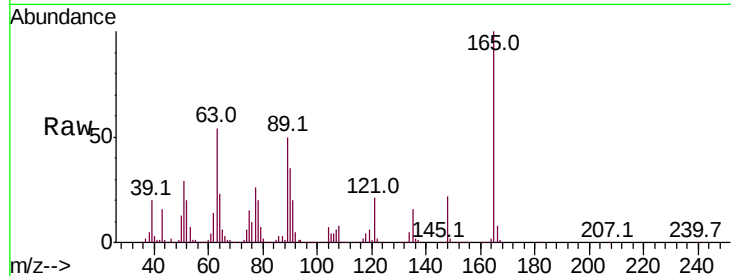




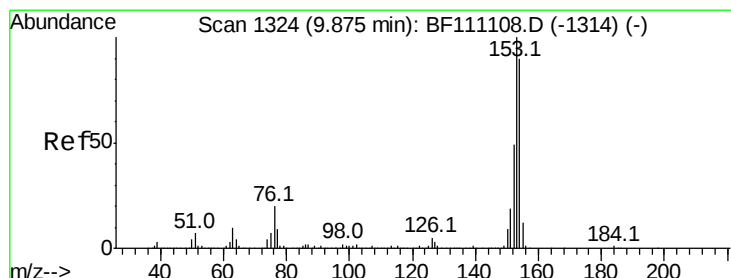
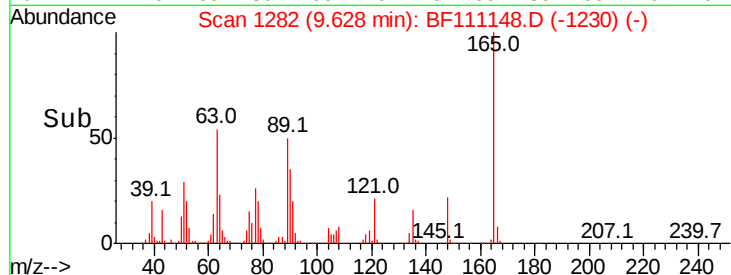
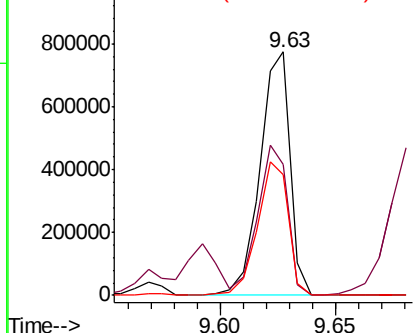
#51
2,6-Dinitrotoluene
Concen: 51.416 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 701881
Ion Ratio Lower Upper
165 100
63 53.7 44.7 67.1
89 49.7 43.0 64.4

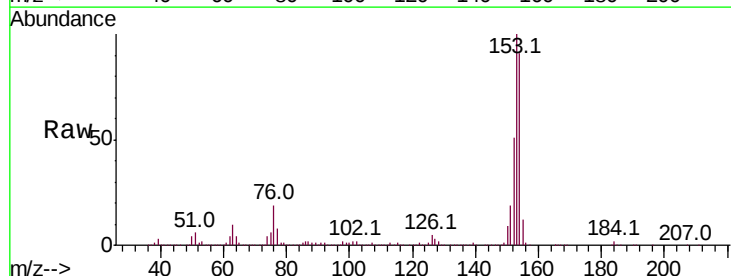


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

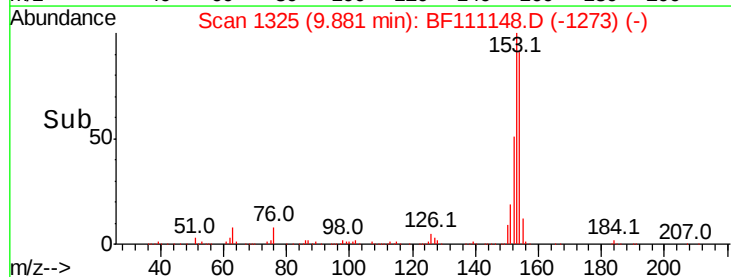
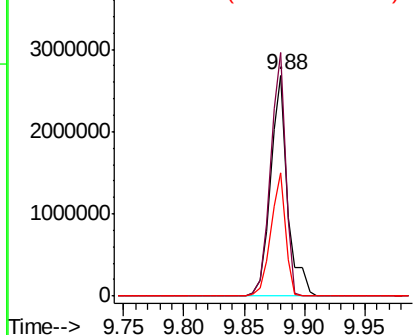


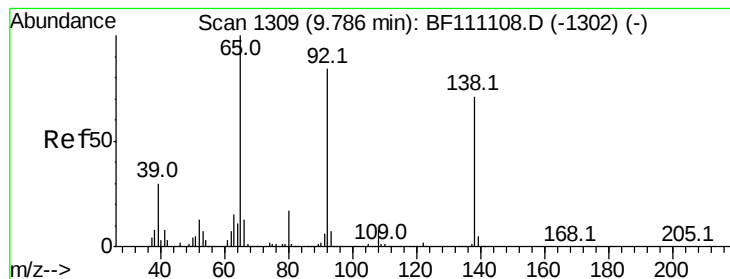
#52
Acenaphthene
Concen: 48.309 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:154 Resp: 2625379
Ion Ratio Lower Upper
154 100
153 110.4 88.7 133.1
152 56.0 43.8 65.8



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: 15.025 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

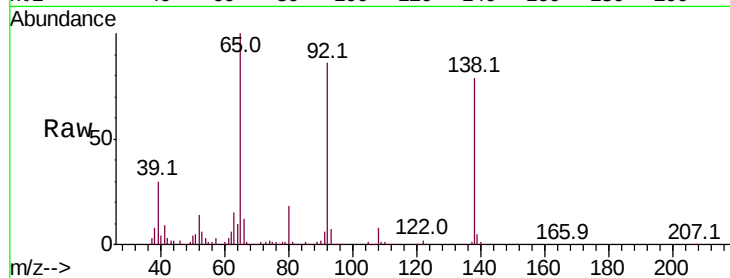
Tot Ion:138 Resp: 257636

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

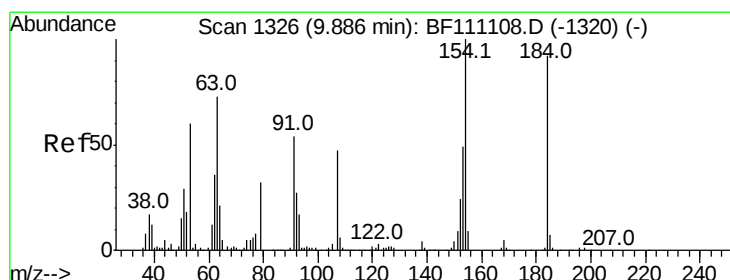
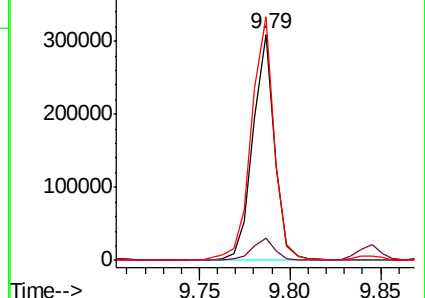
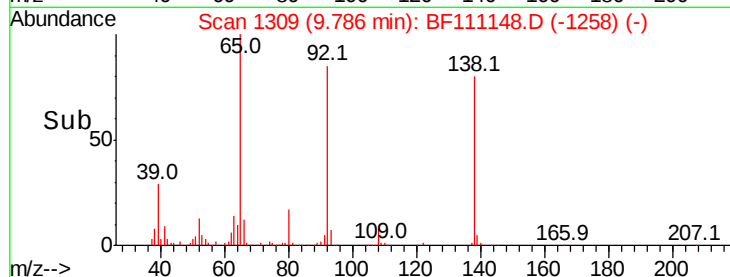
92 107.9 94.1 141.1



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: 110.292 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

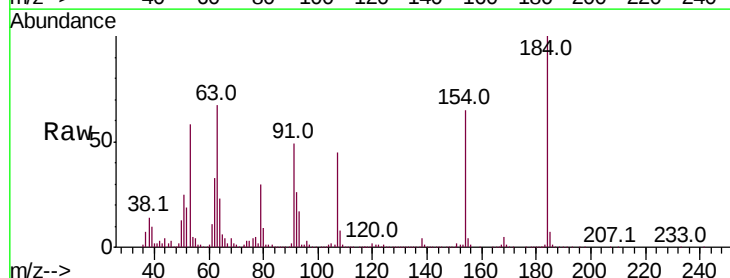
Tgt Ion:184 Resp: 488842

Ion Ratio Lower Upper

184 100

63 66.6 64.2 96.4

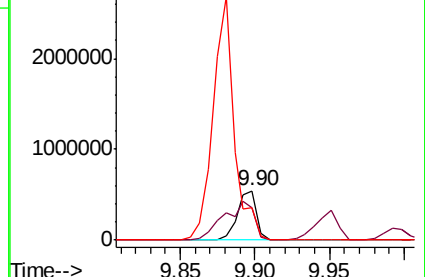
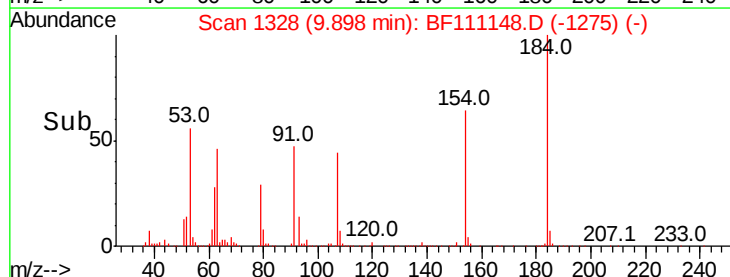
154 64.6 89.5 134.3#

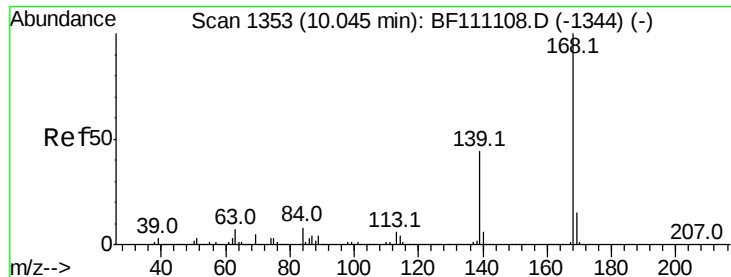


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.371 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

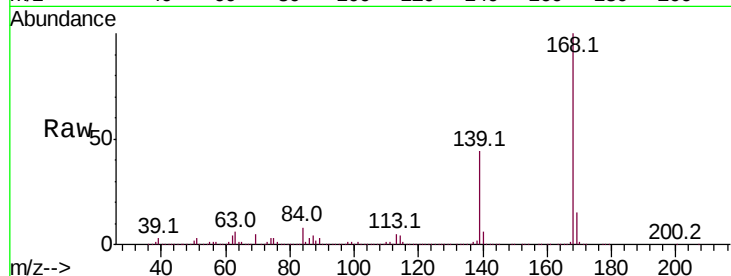
Tot Ion:168 Resp: 3471038

Ion Ratio Lower Upper

168 100

139 44.2 35.1 52.7

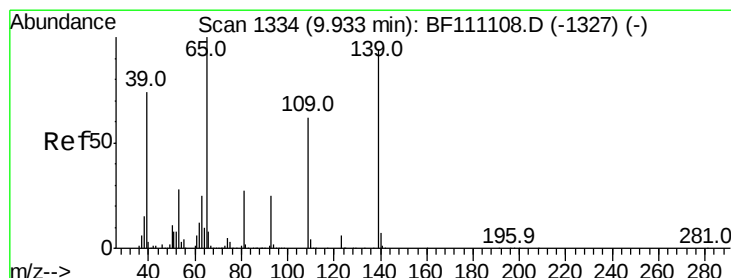
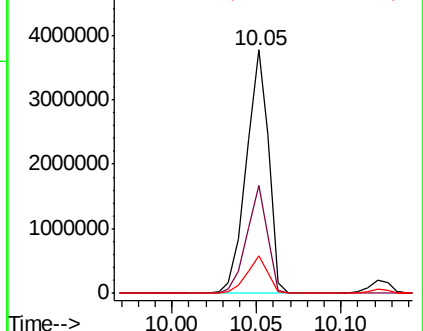
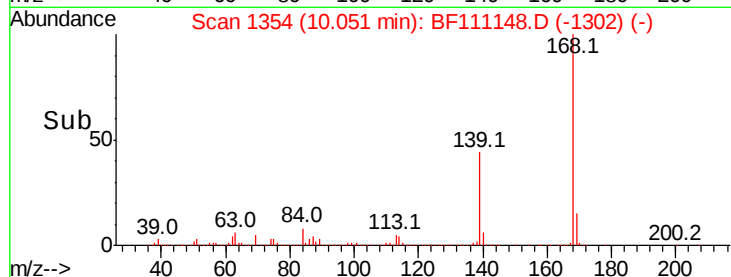
169 15.2 12.2 18.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.827 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

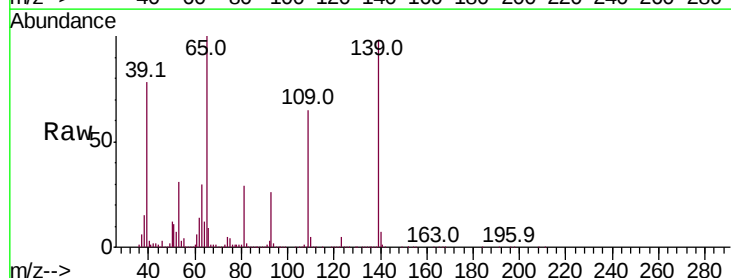
Tgt Ion:139 Resp: 1134853

Ion Ratio Lower Upper

139 100

109 67.1 46.1 86.1

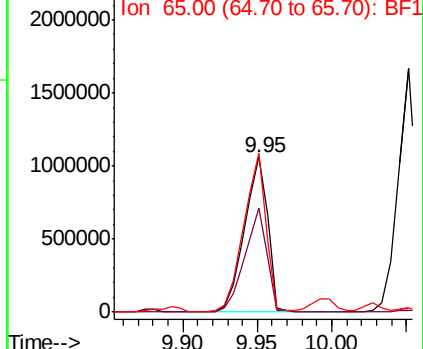
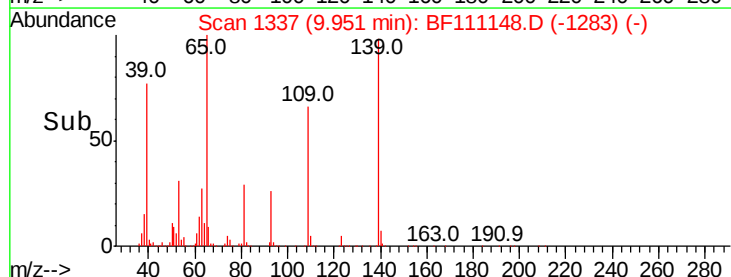
65 102.5 87.0 127.0

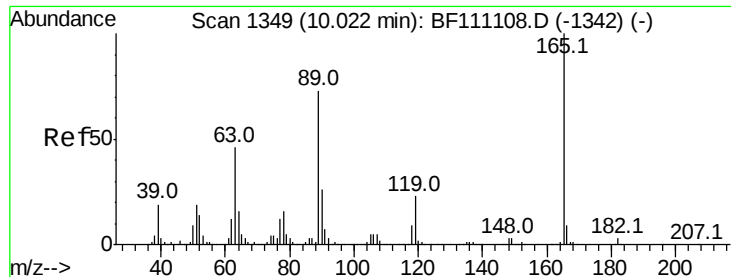


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

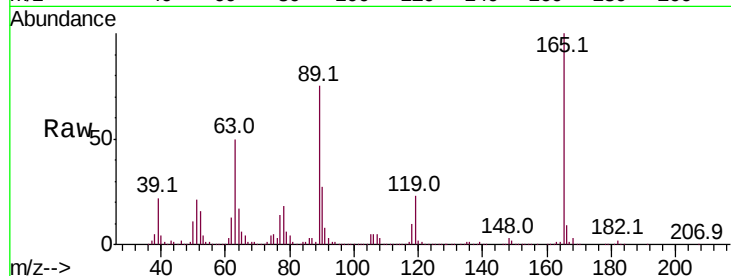




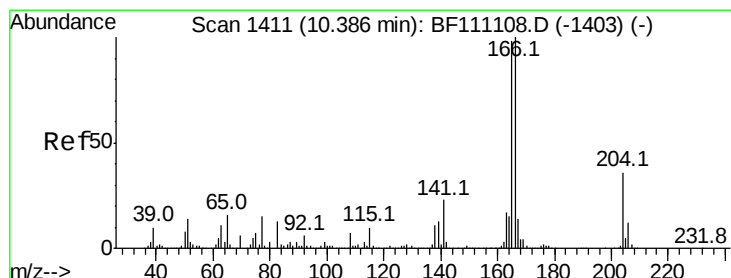
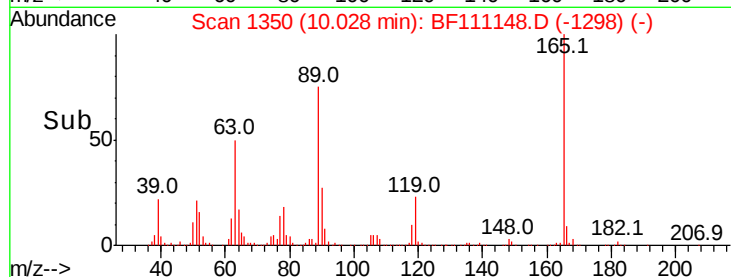
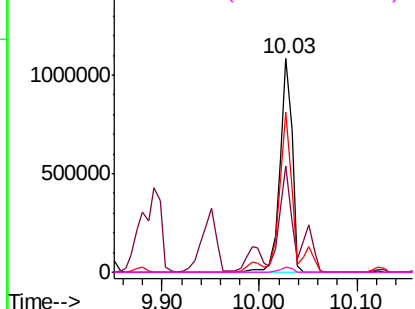
#57
2,4-Dinitrotoluene
Concen: 54.036 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 952675
Ion Ratio Lower Upper
165 100
63 50.0 36.7 55.1
89 75.0 58.4 87.6
182 2.3 2.1 3.1

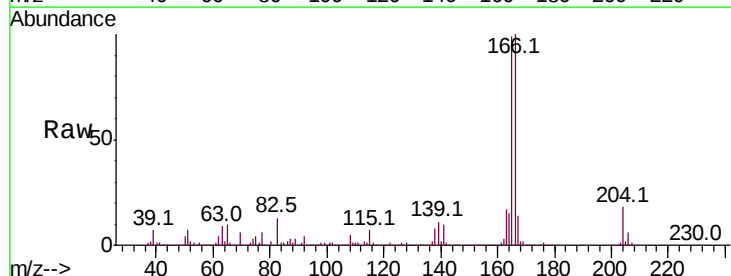


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

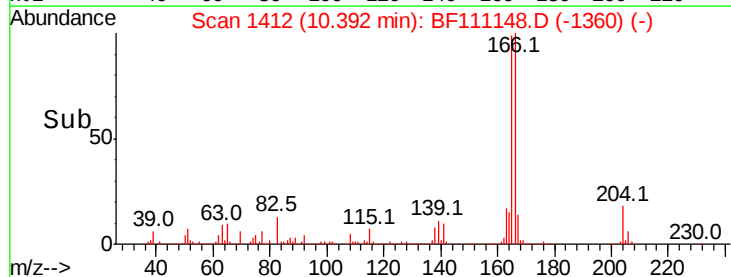
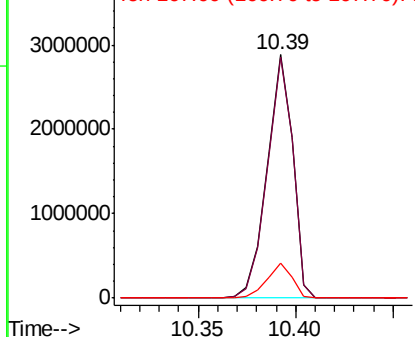


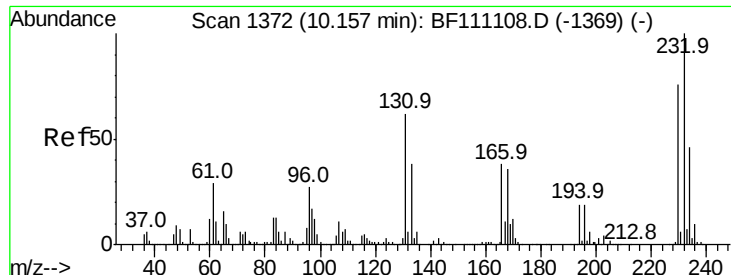
#58
Fluorene
Concen: 49.709 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:166 Resp: 2623910
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 14.3 11.4 17.2



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: 50.490 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 687933

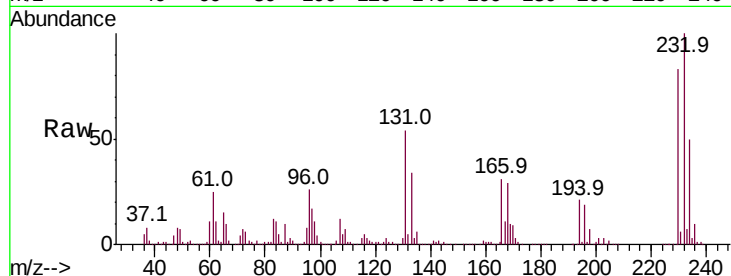
Ion Ratio Lower Upper

232 100

131 48.7 40.4 60.6

130 2.8 2.1 3.1

166 28.1 23.0 34.6

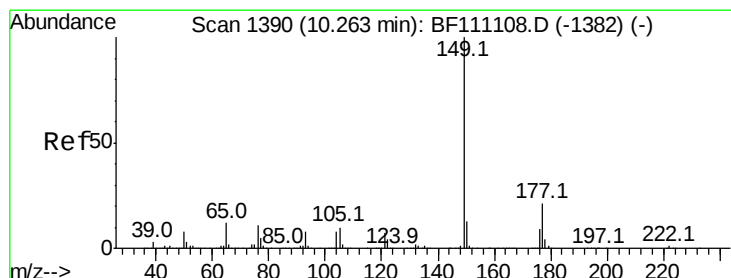
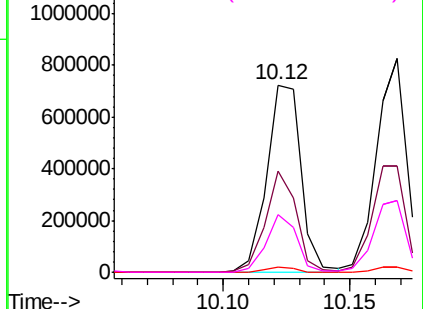
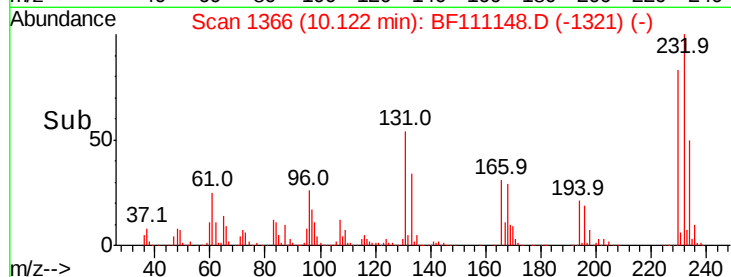


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.737 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

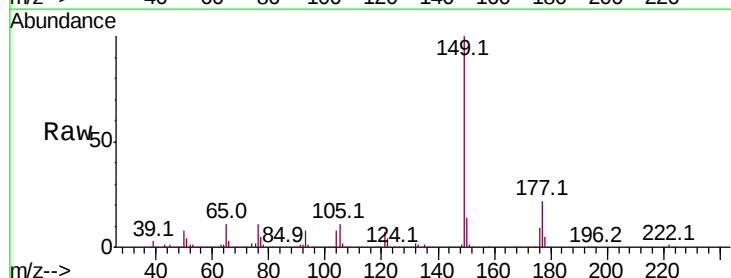
Tgt Ion:149 Resp: 3007301

Ion Ratio Lower Upper

149 100

177 22.1 17.0 25.6

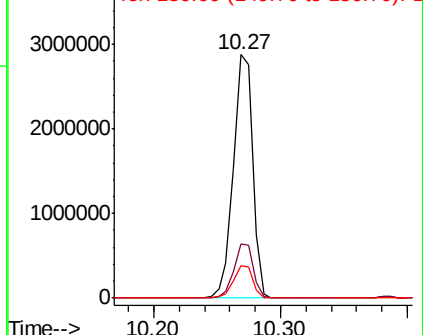
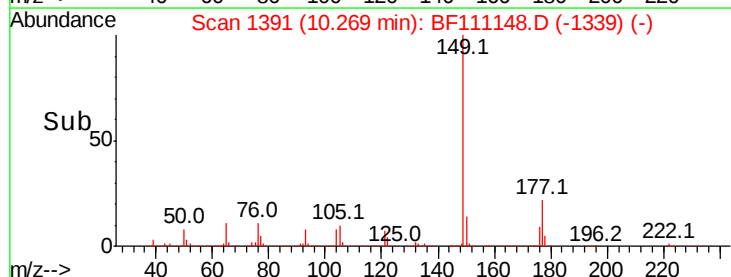
150 13.5 10.5 15.7

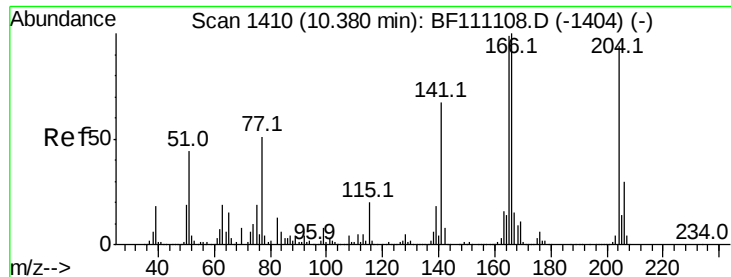


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

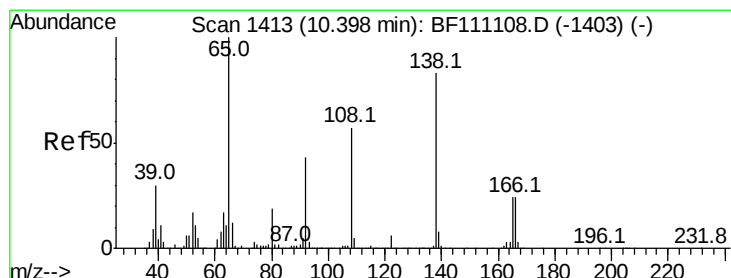
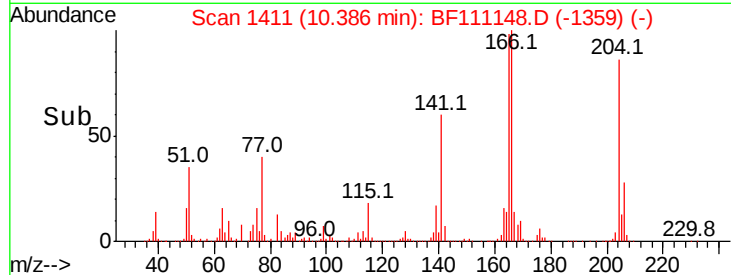
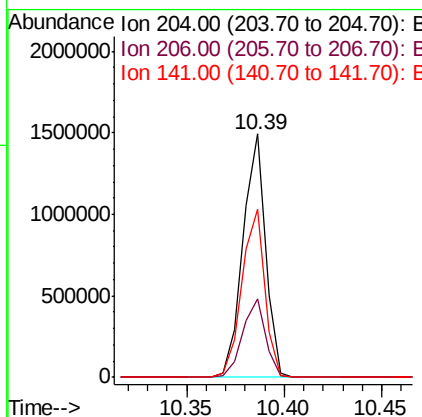
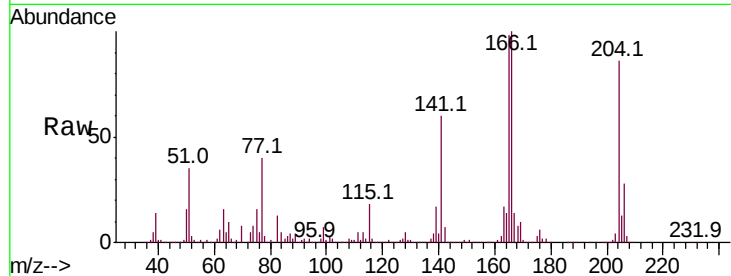




#61
 4-Chlorophenyl-phenylether
 Concen: 46.177 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

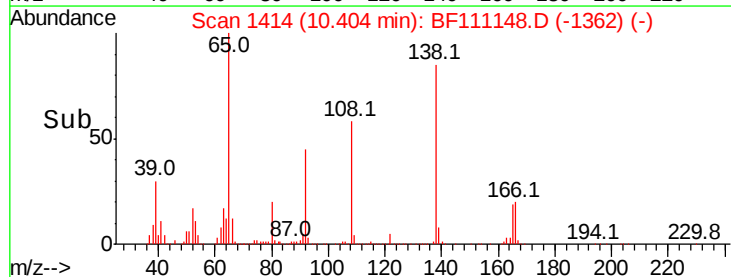
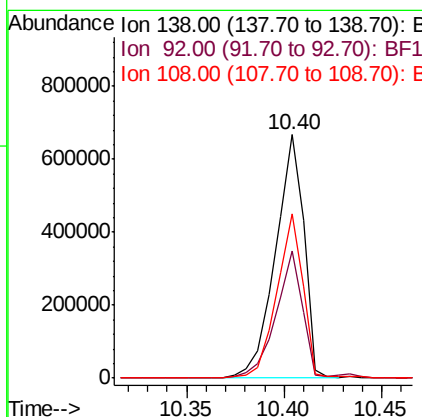
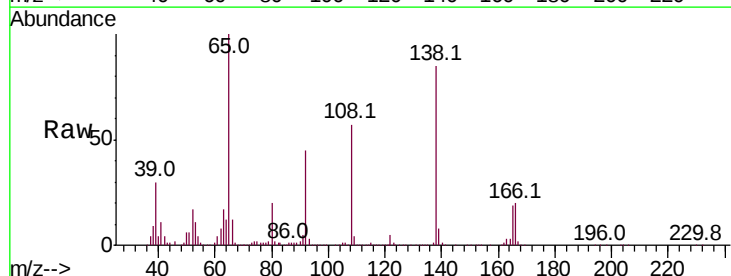
Instrument :
 BNA_F
 ClientSampleId :

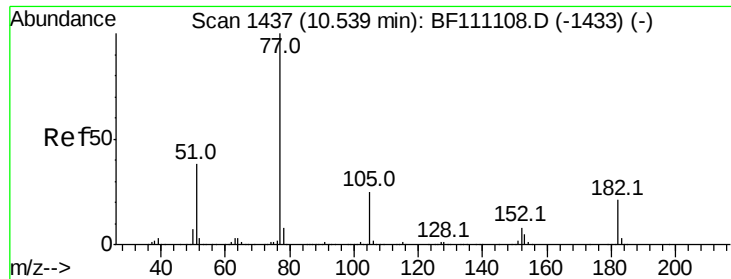
Tot Ion:	204	Resp:	1201214
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	69.2	57.4	86.0



#62
 4-Nitroaniline
 Concen: 43.539 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:	138	Resp:	673812
Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.6	71.6
108	67.4	48.3	88.3

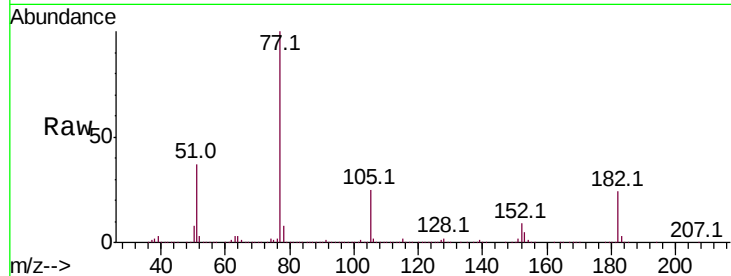




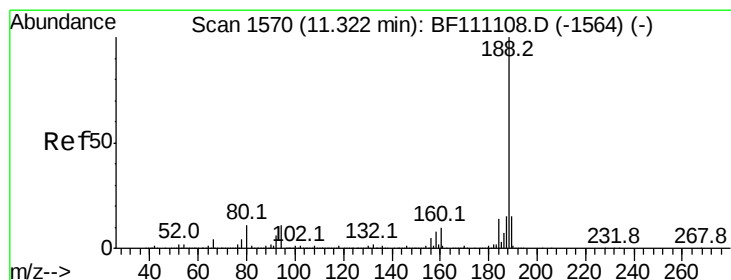
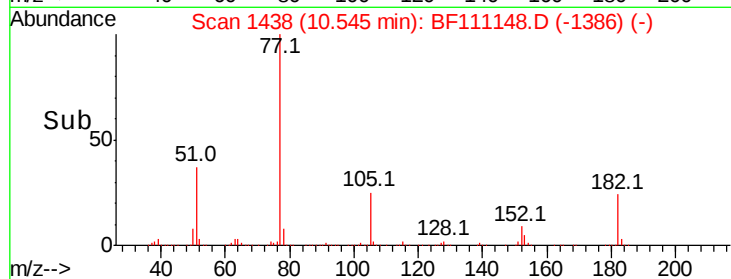
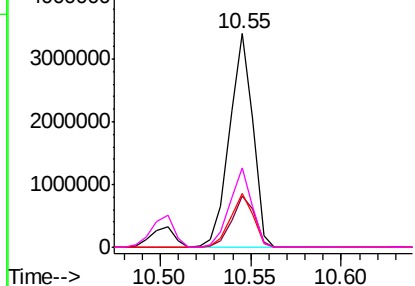
#63
Azobenzene
Concen: 44.526 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 3050287
Ion Ratio Lower Upper
77 100
182 23.9 1.4 41.4
105 24.9 4.7 44.7
51 37.1 18.0 58.0

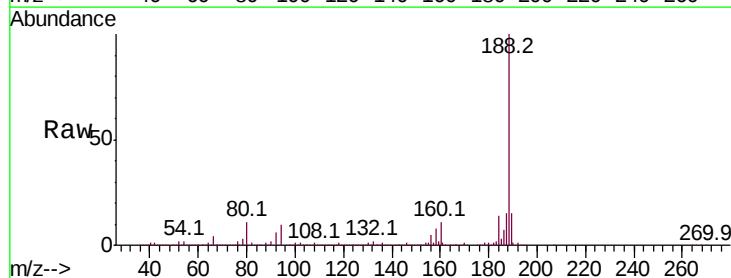


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

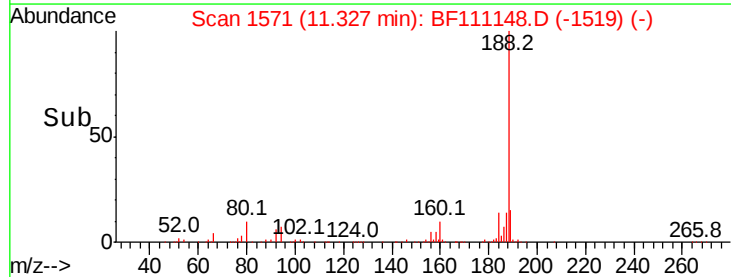
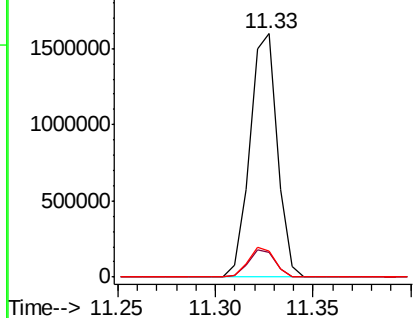


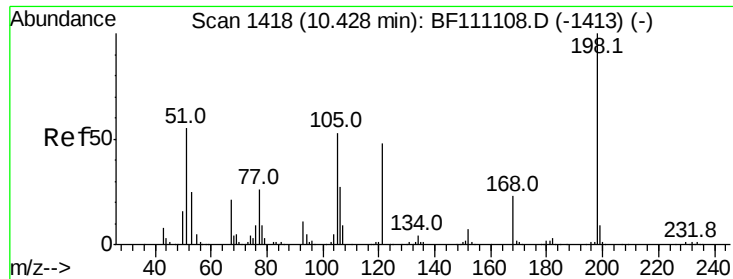
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion: 188 Resp: 1557916
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

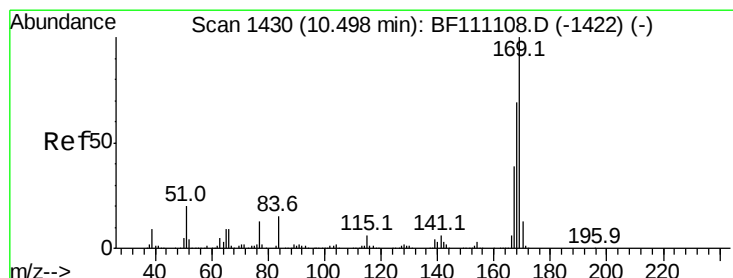
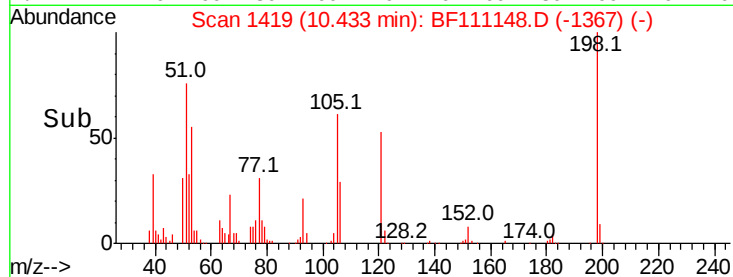
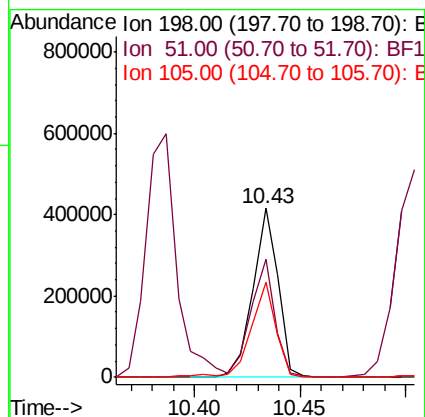
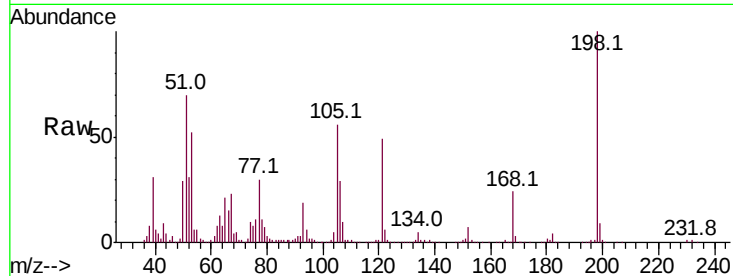




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.804 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

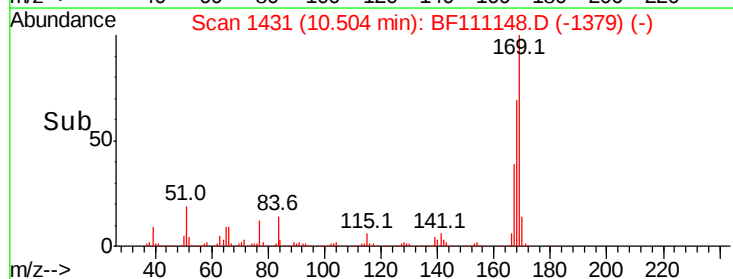
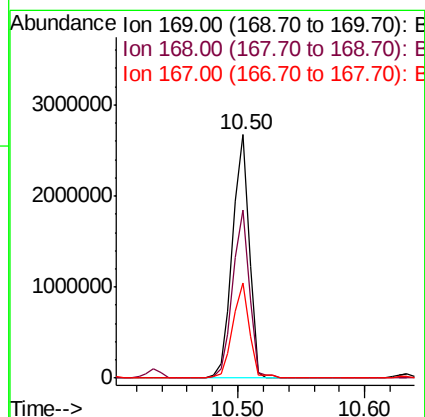
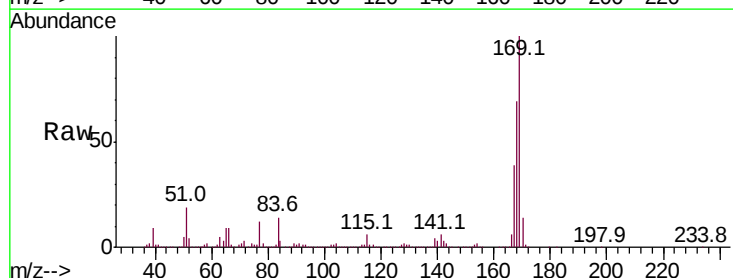
Instrument :
 BNA_F
 ClientSampled :

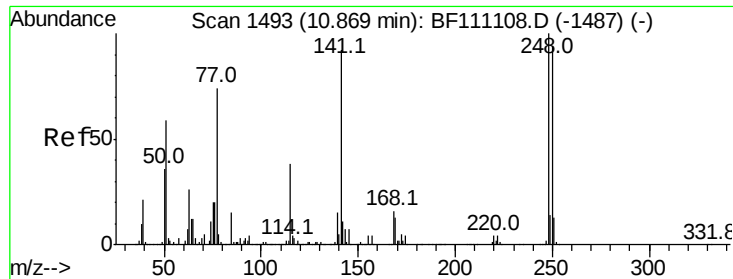
Tot Ion:198 Resp: 346296
 Ion Ratio Lower Upper
 198 100
 51 69.9 48.8 88.8
 105 55.9 35.2 75.2



#66
 n-Nitrosodiphenylamine
 Concen: 44.488 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:169 Resp: 2426855
 Ion Ratio Lower Upper
 169 100
 168 69.0 55.4 83.2
 167 39.2 31.1 46.7

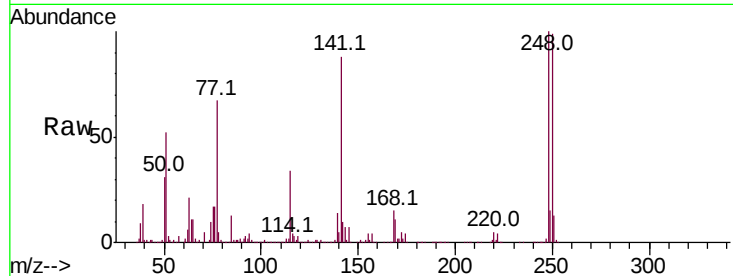




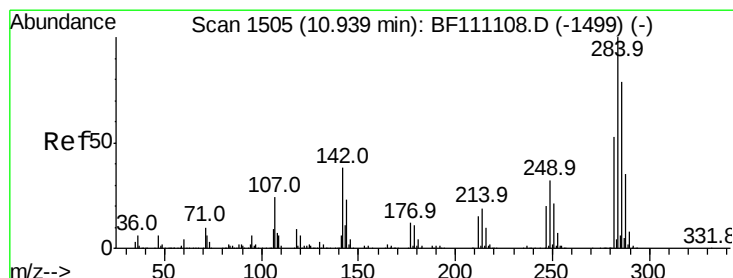
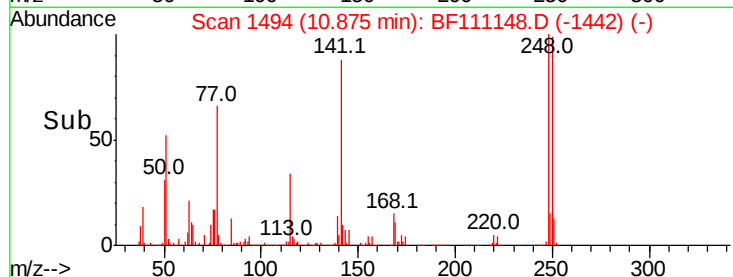
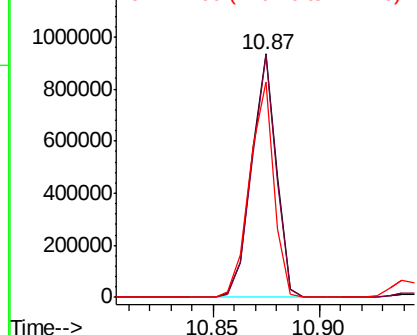
#67
4-Bromophenyl-phenylether
Concen: 46.301 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 763574
Ion Ratio Lower Upper
248 100
250 99.4 75.4 113.0
141 88.4 73.8 110.6

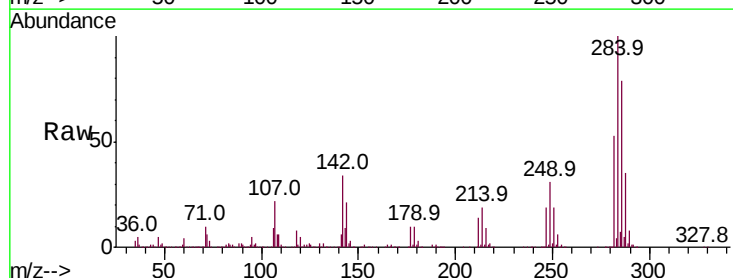


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

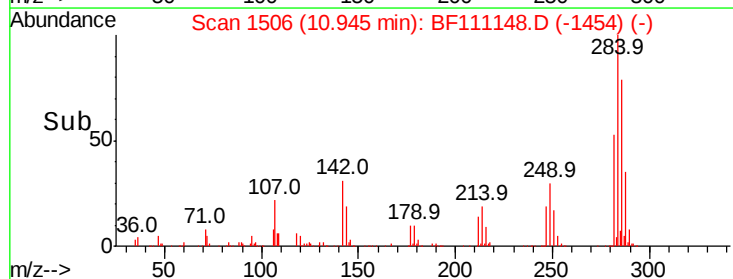
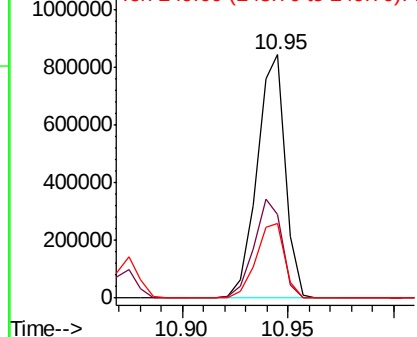


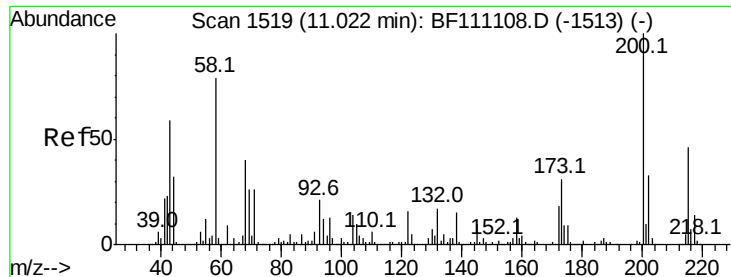
#68
Hexachlorobenzene
Concen: 46.491 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:284 Resp: 783974
Ion Ratio Lower Upper
284 100
142 34.1 30.2 45.2
249 30.9 25.3 37.9



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

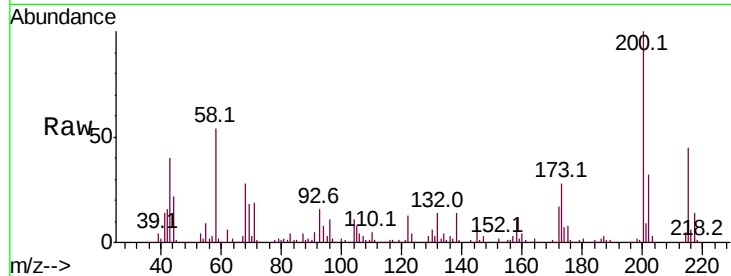




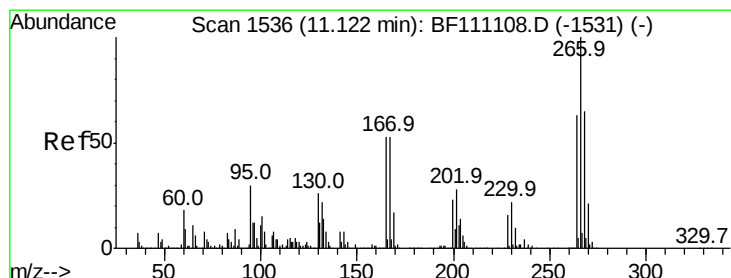
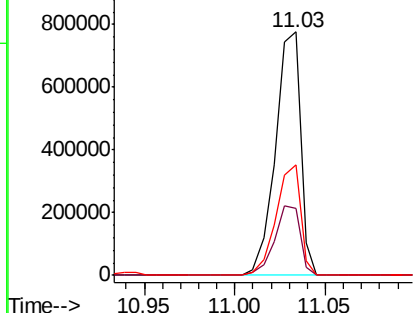
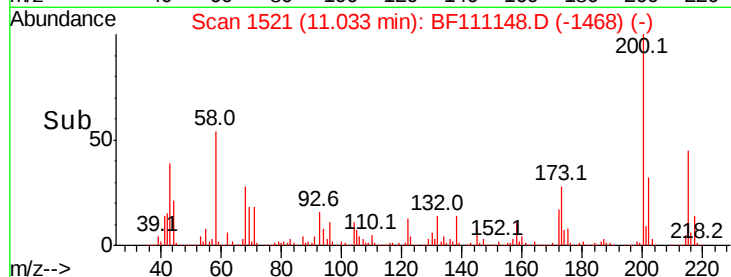
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 748280
Ion Ratio Lower Upper
200 100
173 27.8 11.3 51.3
215 45.4 25.9 65.9

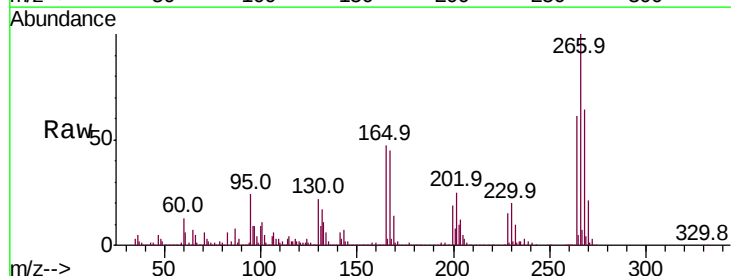


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

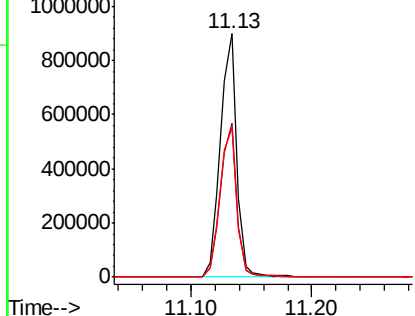
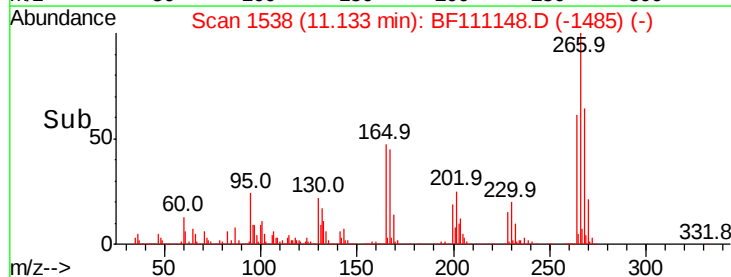


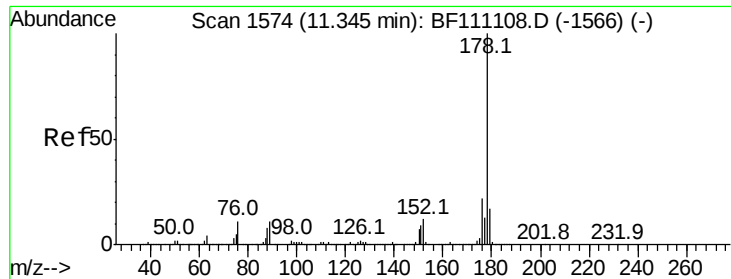
#70
Pentachlorophenol
Concen: 75.959 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:266 Resp: 842333
Ion Ratio Lower Upper
266 100
268 63.5 52.2 78.4
264 61.3 50.8 76.2



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

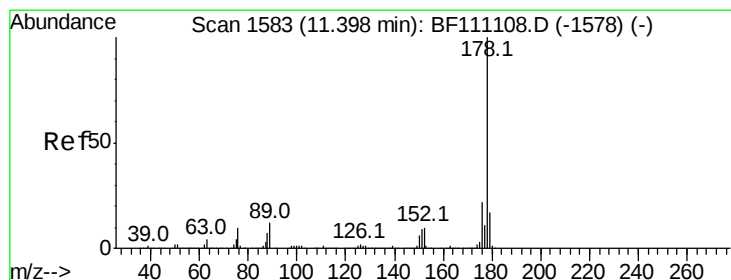
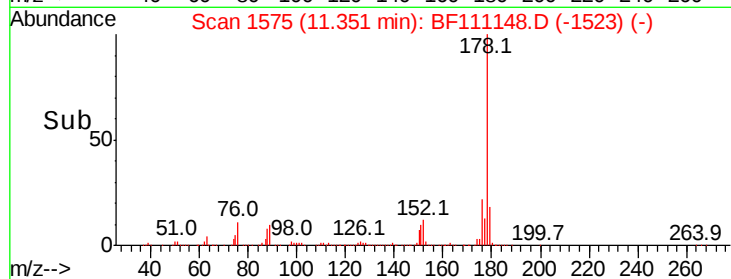
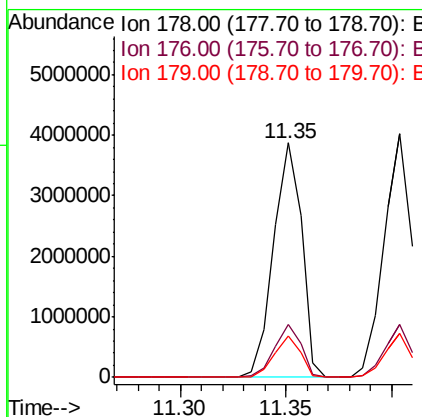
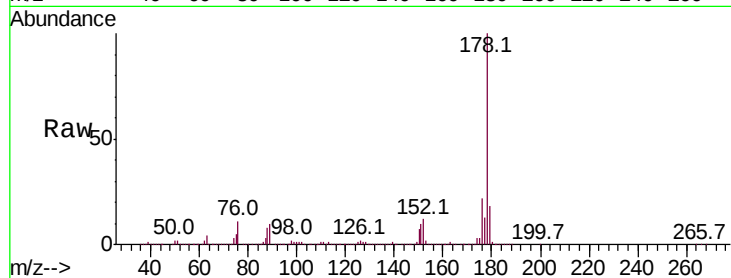




#71
Phenanthrene
Concen: 48.178 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

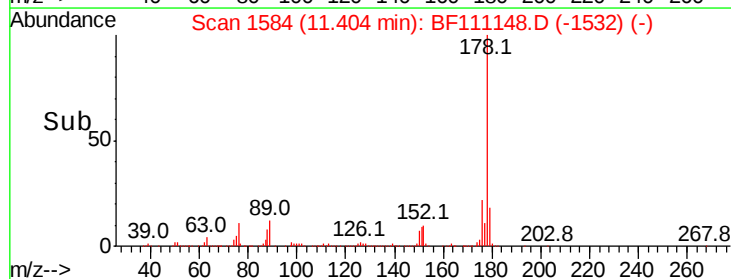
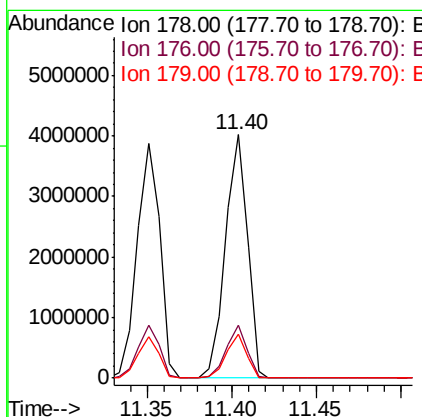
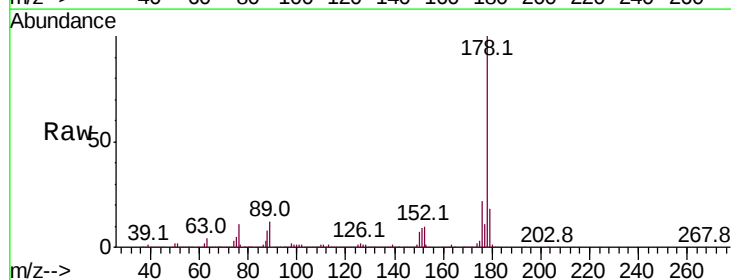
Instrument :
BNA_F
ClientSampleId :

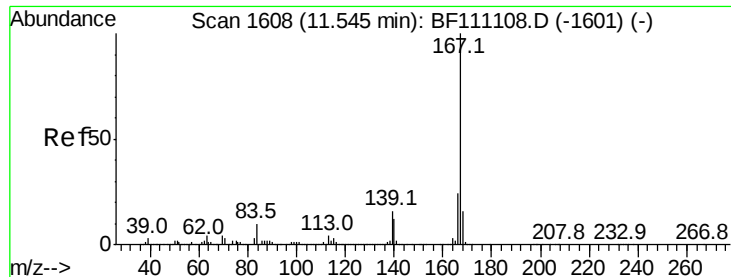
Tot Ion:178 Resp: 3610348
Ion Ratio Lower Upper
178 100
176 22.3 17.7 26.5
179 17.8 14.0 21.0



#72
Anthracene
Concen: 48.211 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:178 Resp: 3641776
Ion Ratio Lower Upper
178 100
176 22.0 17.3 25.9
179 17.9 13.8 20.8



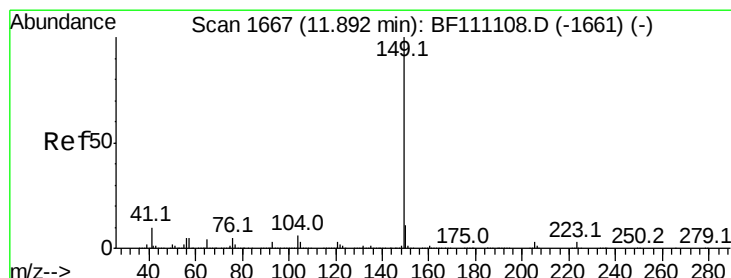
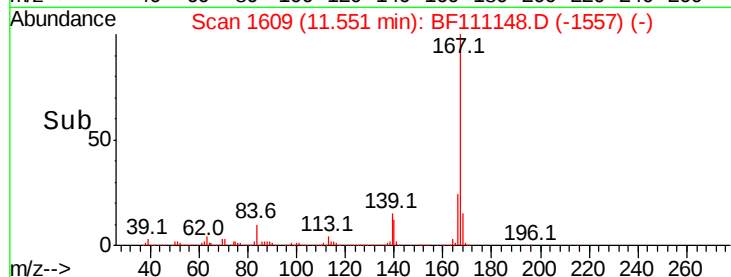
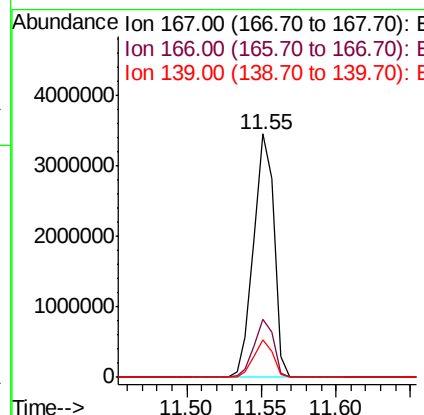
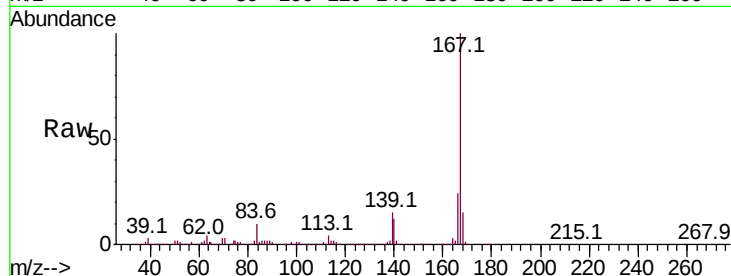


#73
 Carbazole
 Concen: 41.418 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3255432

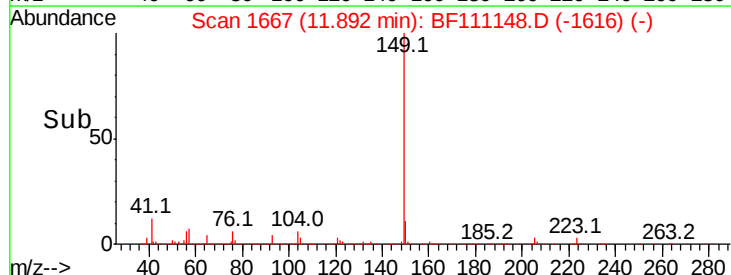
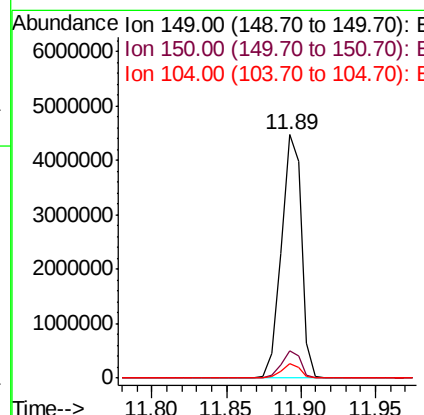
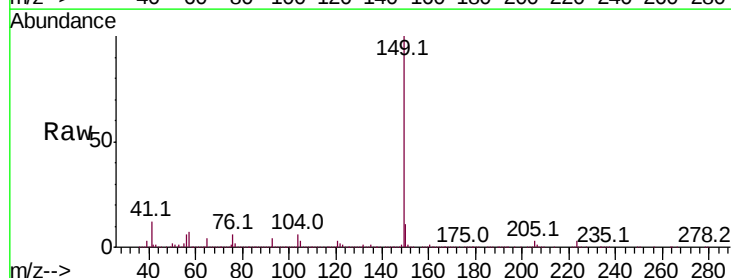
Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.0
139	15.4	12.6	18.8

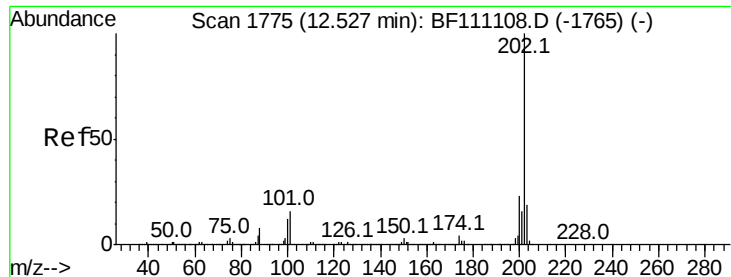


#74
 Di-n-butylphthalate
 Concen: 45.642 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:149 Resp: 4199379

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.6	12.8
104	6.1	4.5	6.7





#75

Fluoranthene

Concen: 44.194 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampled :

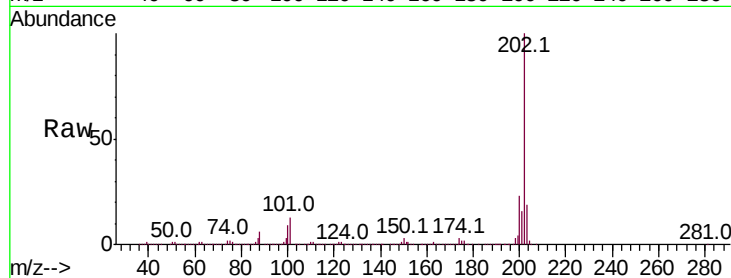
Tot Ion:202 Resp: 3240743

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.8

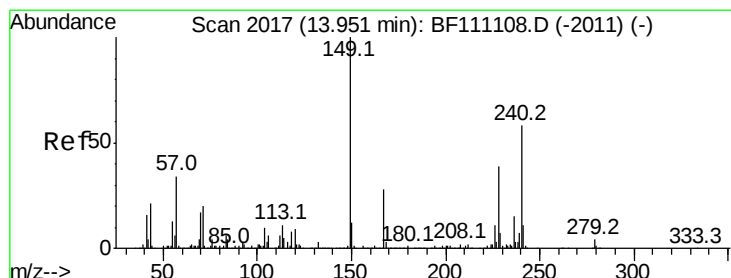
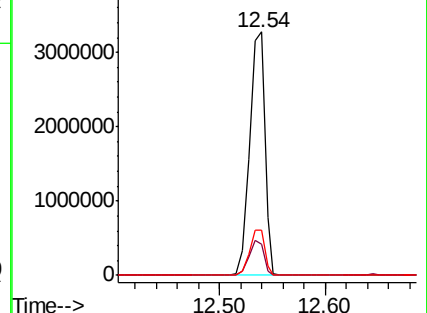
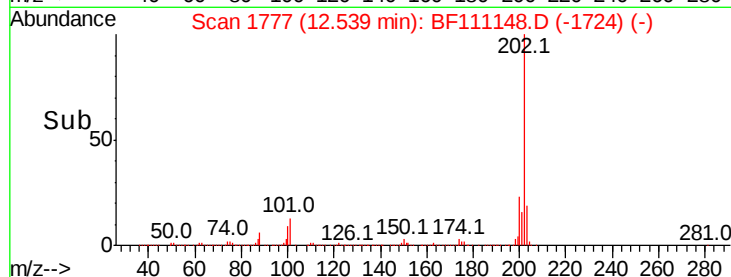
203 18.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

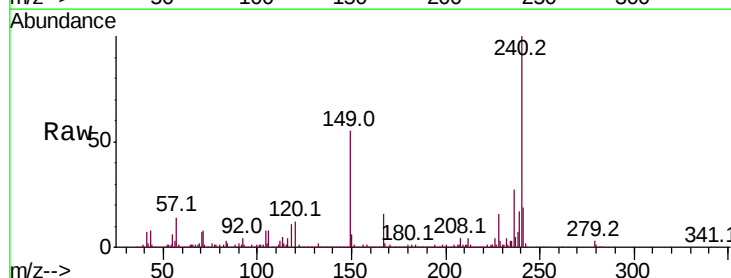
Tgt Ion:240 Resp: 803149

Ion Ratio Lower Upper

240 100

120 12.1 12.8 19.2#

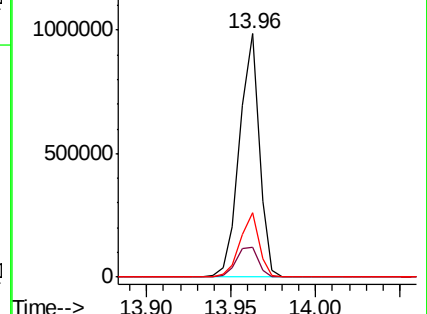
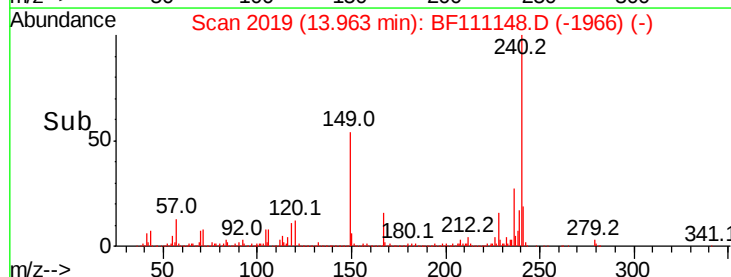
236 26.6 21.1 31.7

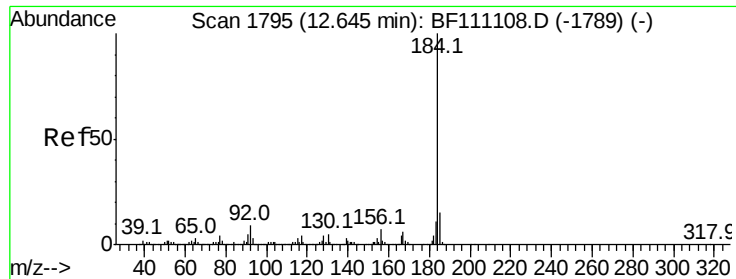


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.601 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

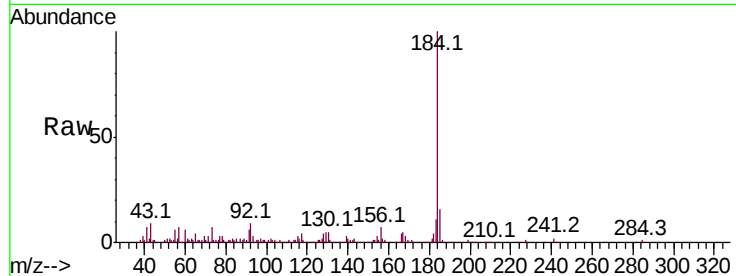
Tot Ion:184 Resp: 549143

Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

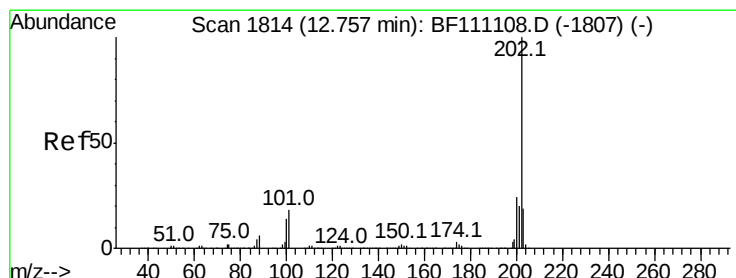
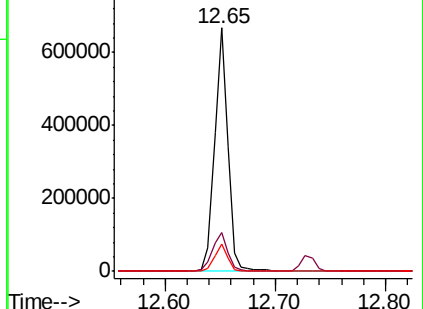
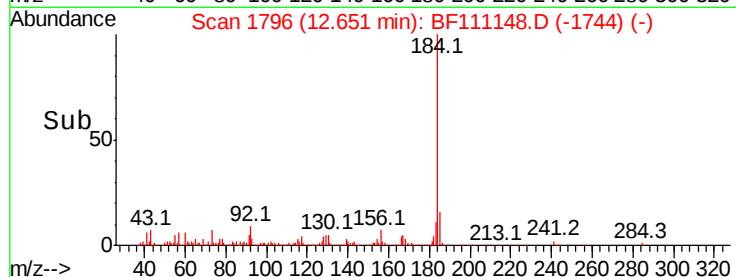
183 11.4 8.9 13.3



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: 49.695 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

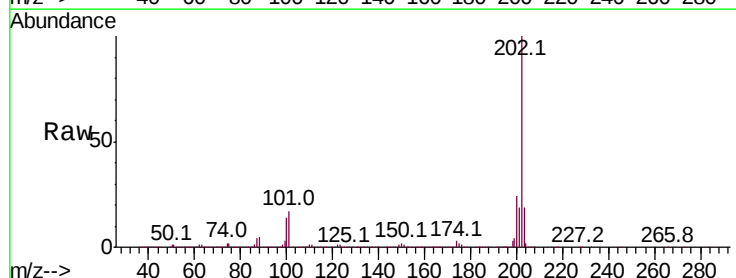
Tgt Ion:202 Resp: 3109472

Ion Ratio Lower Upper

202 100

200 23.7 19.3 28.9

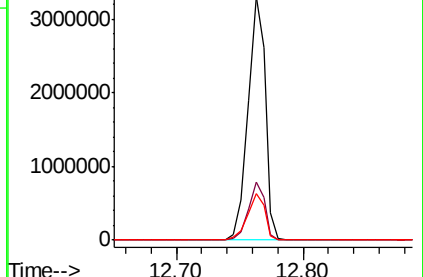
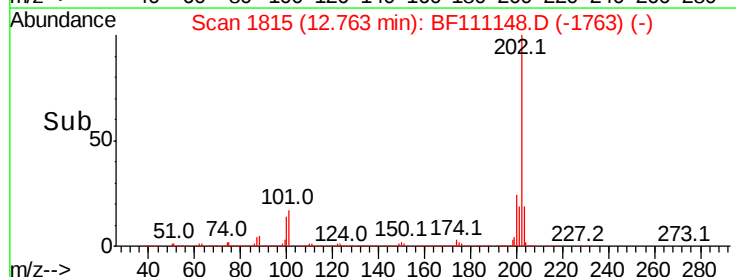
203 19.2 15.4 23.2

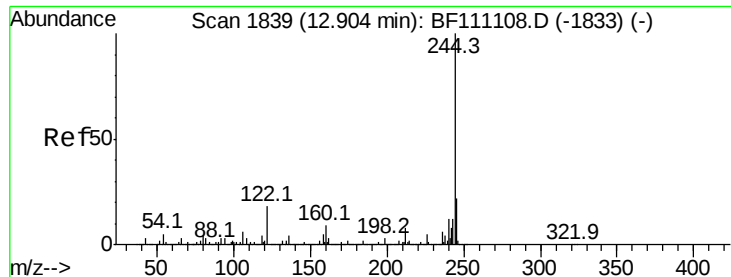


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.260 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

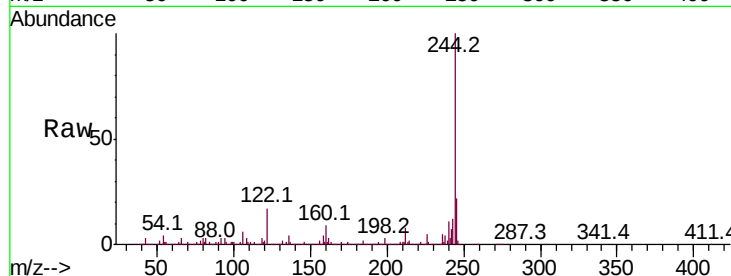
Tot Ion:244 Resp: 3774993

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

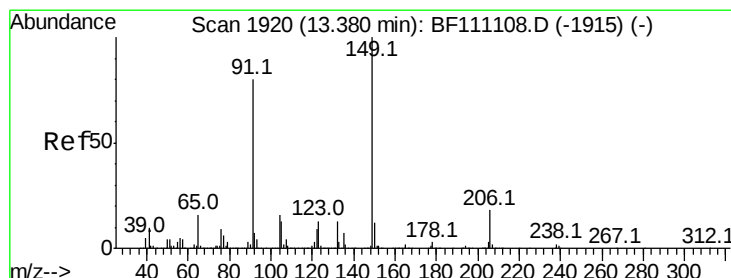
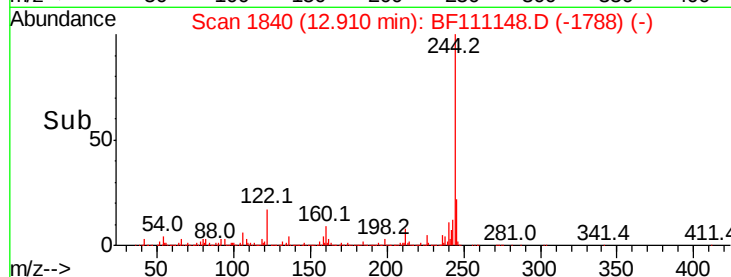
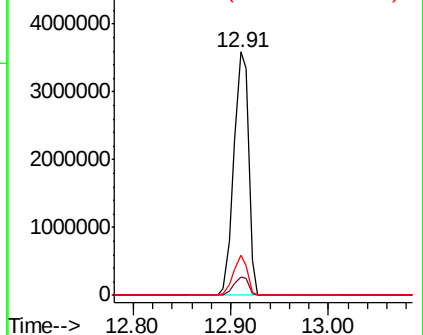
122 16.7 14.2 21.2



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: 51.029 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

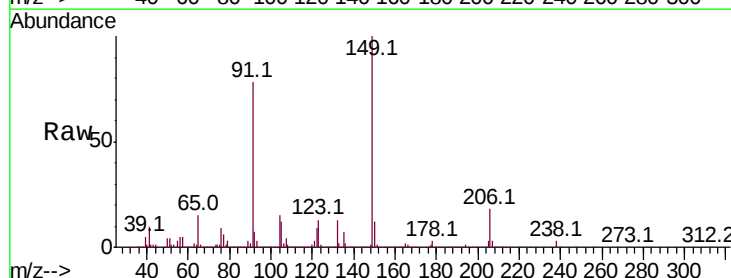
Tgt Ion:149 Resp: 1542476

Ion Ratio Lower Upper

149 100

91 77.9 64.0 96.0

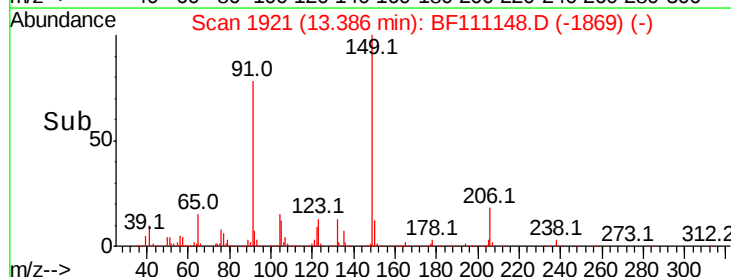
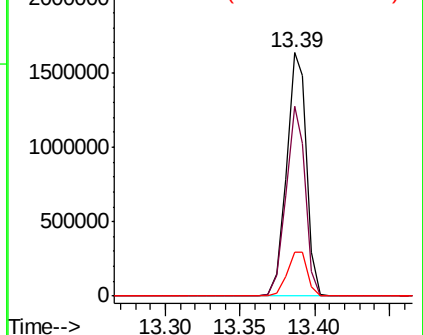
206 18.0 14.1 21.1

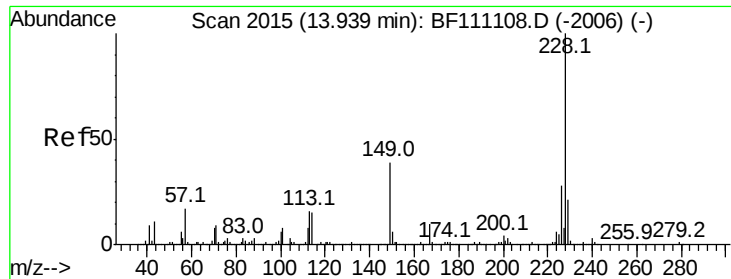


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.717 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

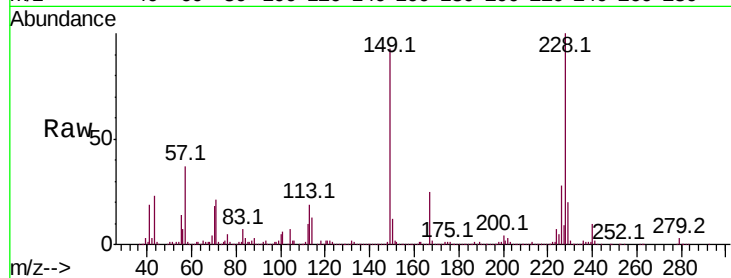
Tot Ion:228 Resp: 2245380

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

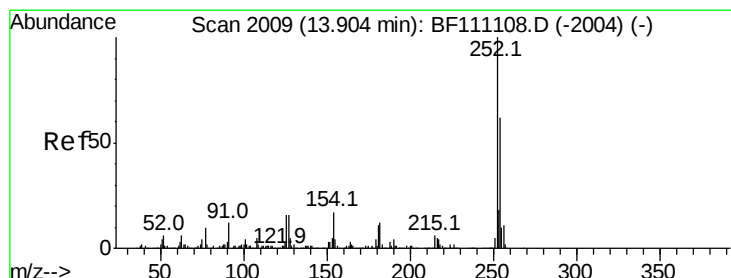
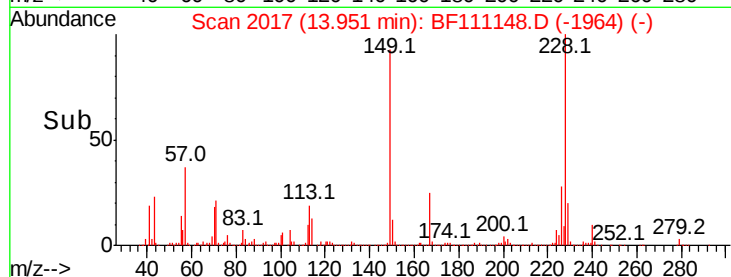
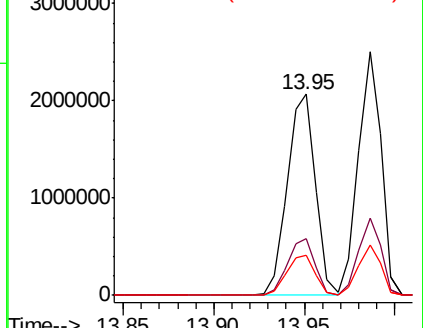
229 20.3 16.7 25.1



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: 22.357 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

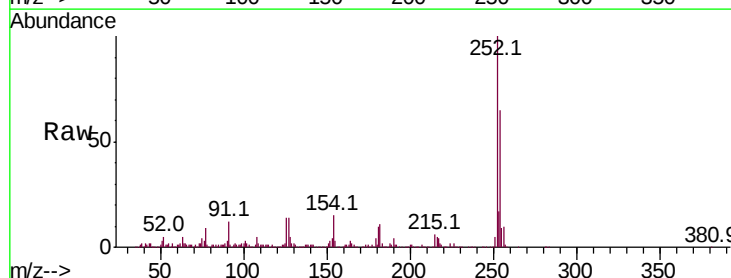
Tgt Ion:252 Resp: 397020

Ion Ratio Lower Upper

252 100

254 64.8 49.8 74.8

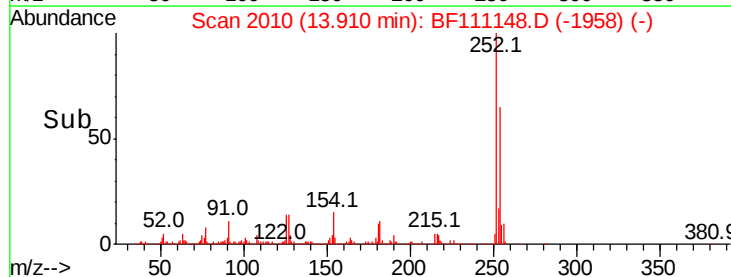
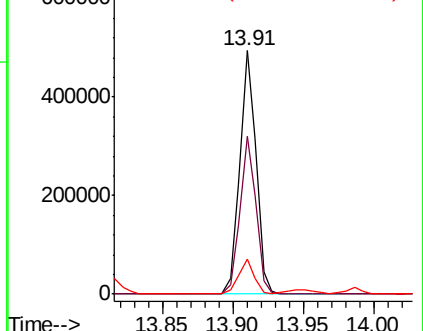
126 14.5 12.9 19.3

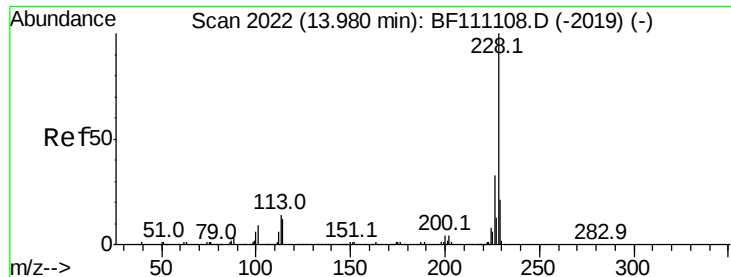


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

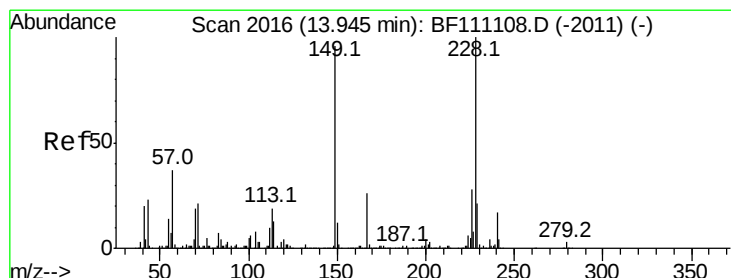
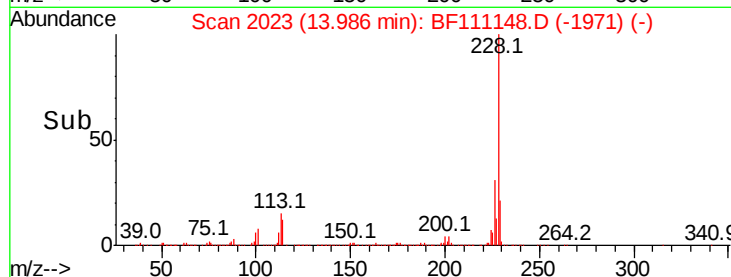
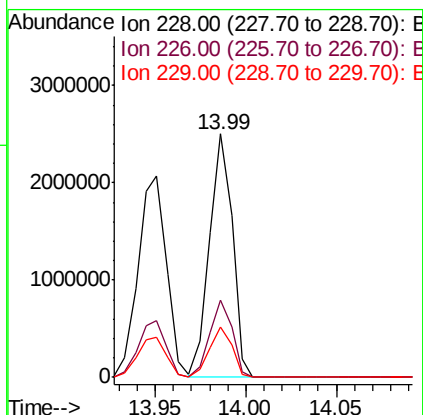
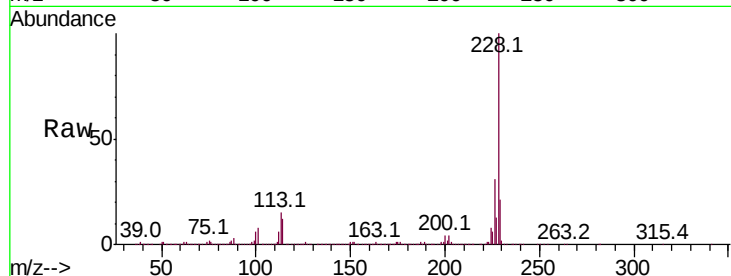




#83
 Chrysene
 Concen: 47.044 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

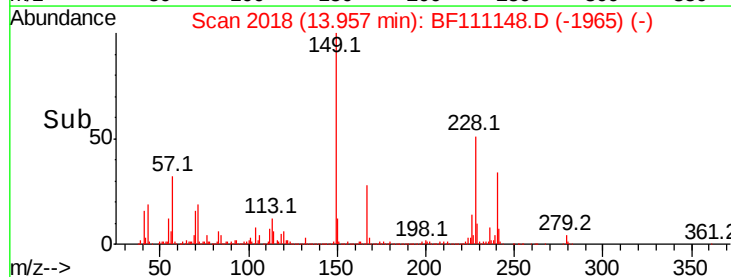
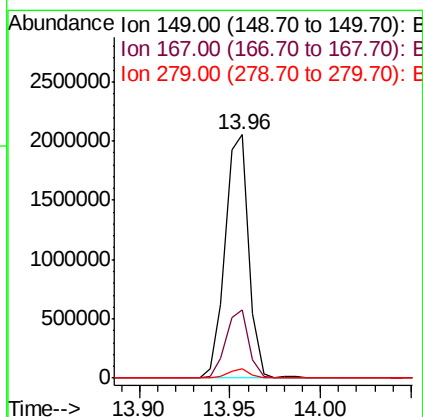
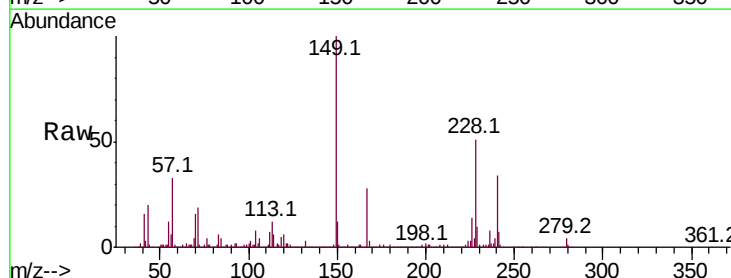
Instrument :
 BNA_F
 ClientSampleId :

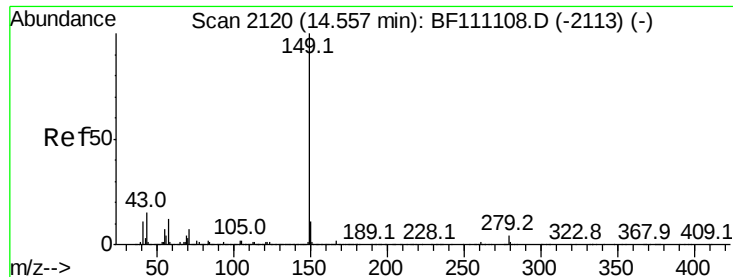
Tot Ion:228 Resp: 2197666
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.2 39.2
 229 20.7 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.128 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111148.D
 Acq: 6 Dec 2018 19:55

Tgt Ion:149 Resp: 1866746
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.6 32.4
 279 3.8 2.3 3.5#

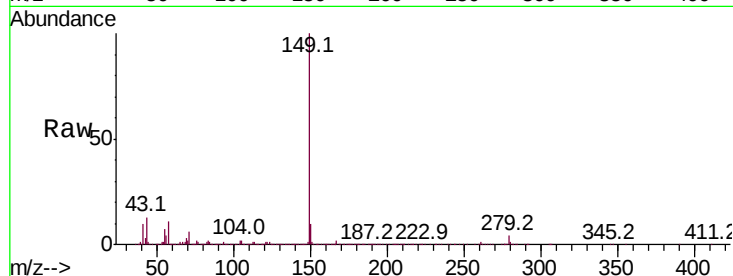




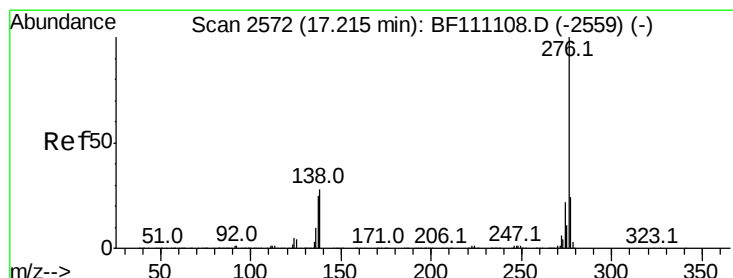
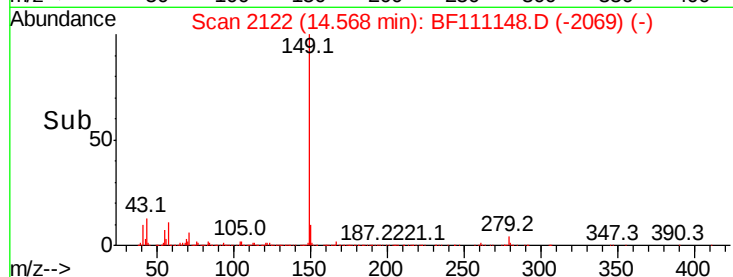
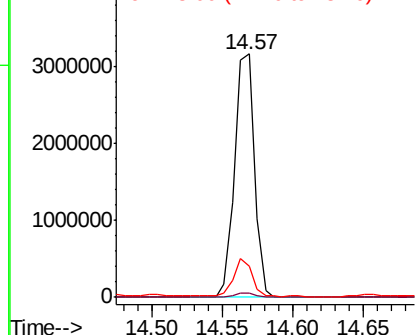
#85
Di-n-octyl phthalate
Concen: 54.235 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3112897
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.9 11.9 17.9

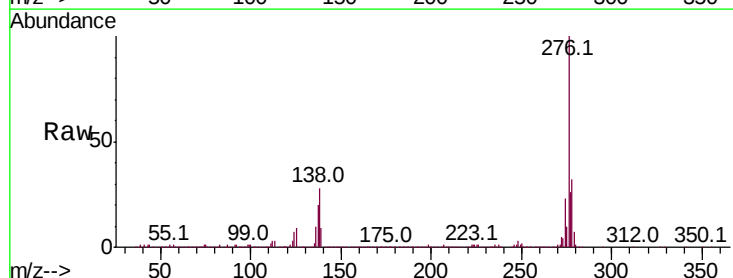


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

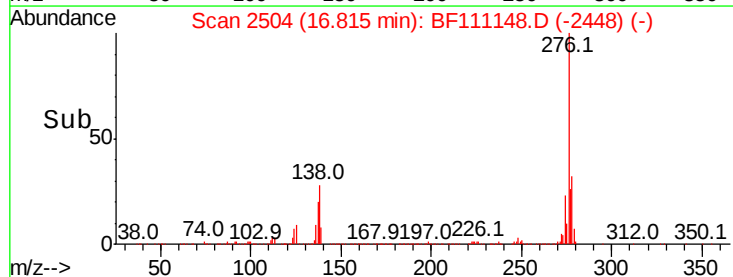
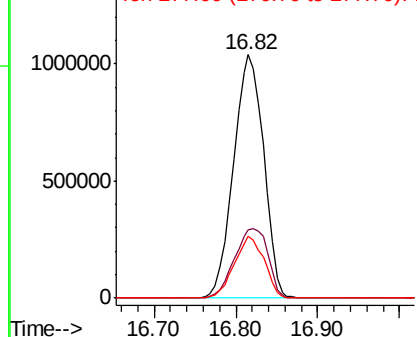


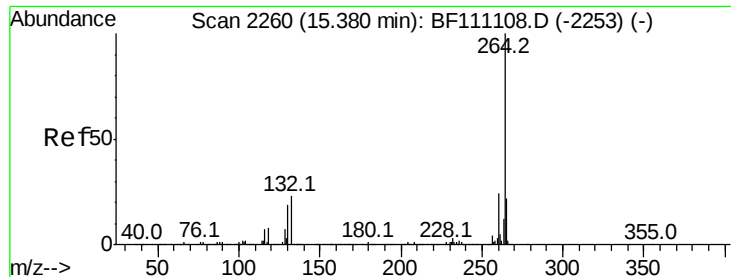
#86
Indeno(1,2,3-cd)pyrene
Concen: 71.143 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:276 Resp: 2668402
Ion Ratio Lower Upper
276 100
138 31.7 20.2 30.4#
277 25.2 15.8 23.6#



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: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampled :

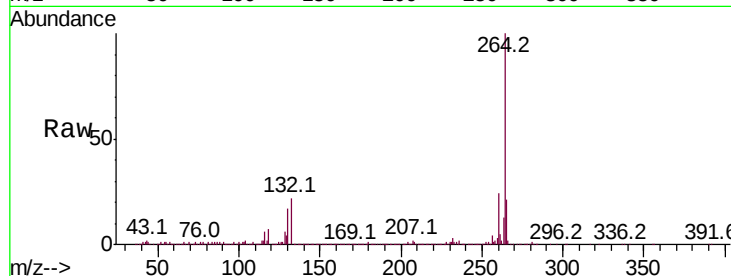
Tot Ion:264 Resp: 921908

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

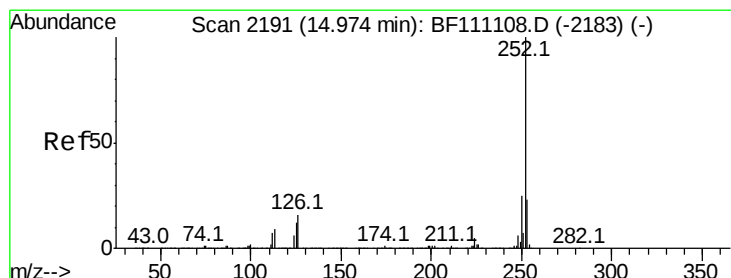
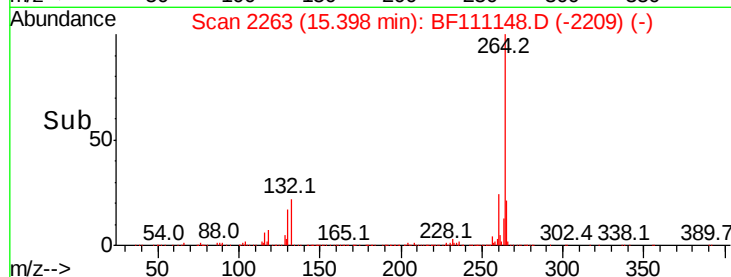
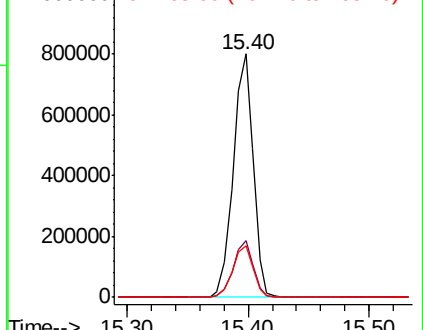
265 21.3 17.4 26.0



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: 45.432 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

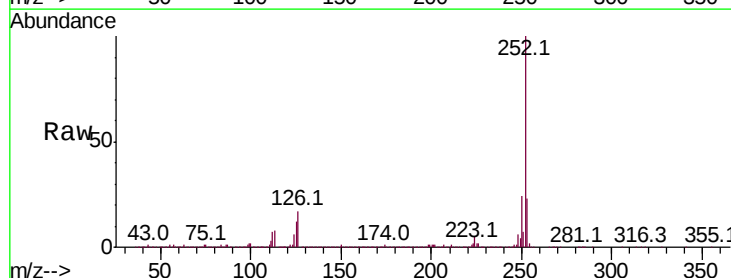
Tgt Ion:252 Resp: 2373319

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

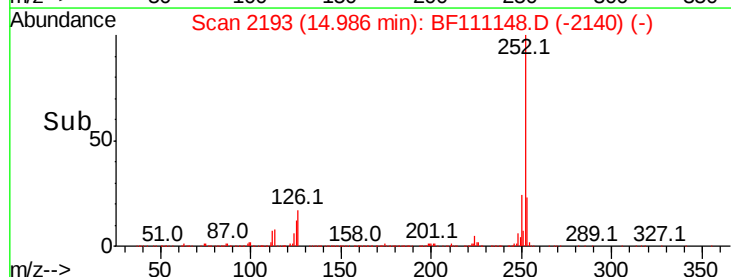
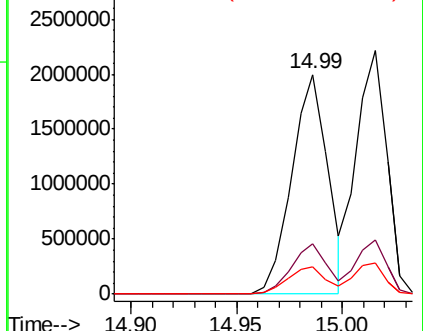
125 12.3 9.9 14.9

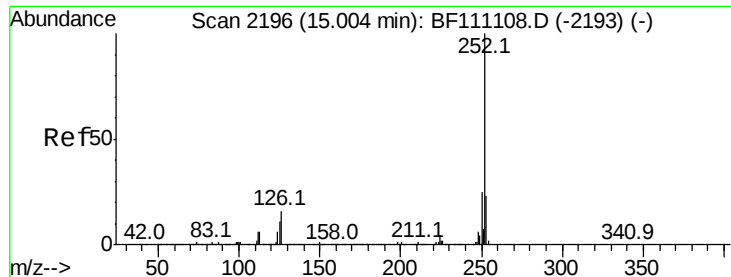


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

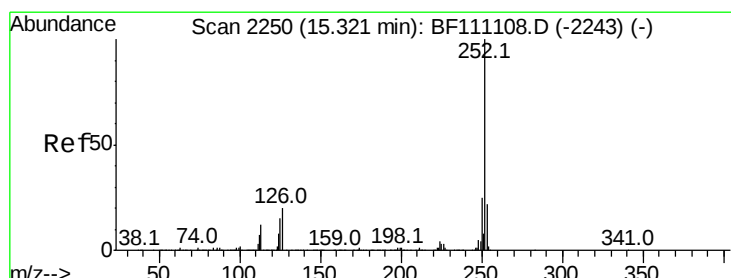
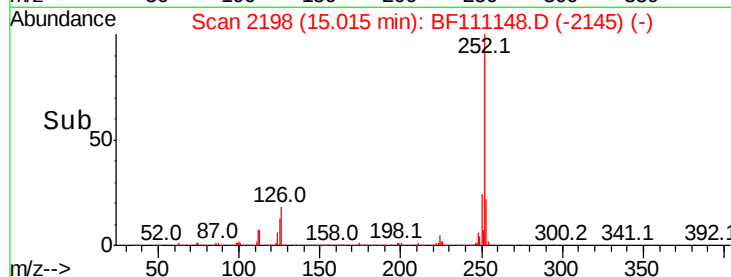
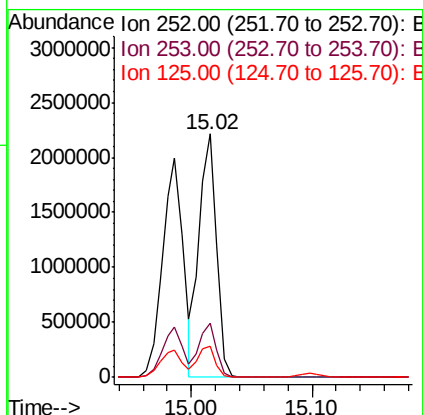
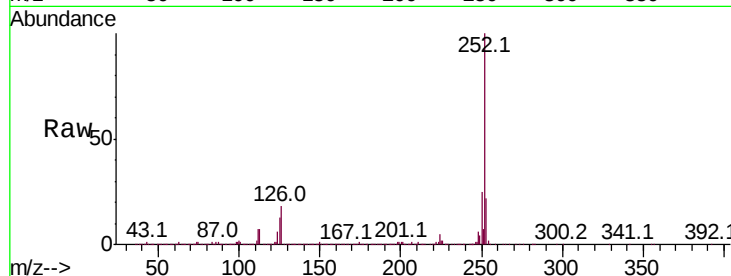




#89
Benzo(k)fluoranthene
Concen: 44.311 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

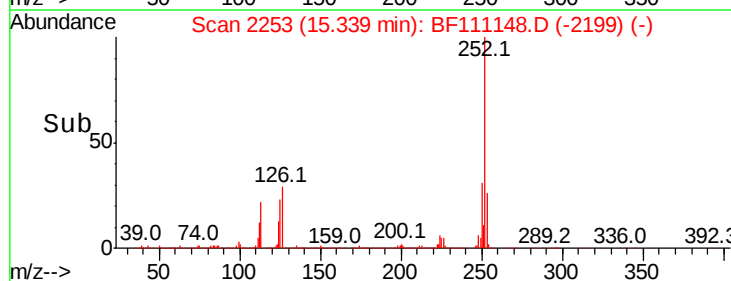
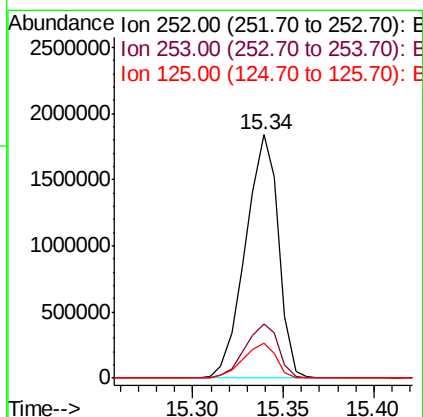
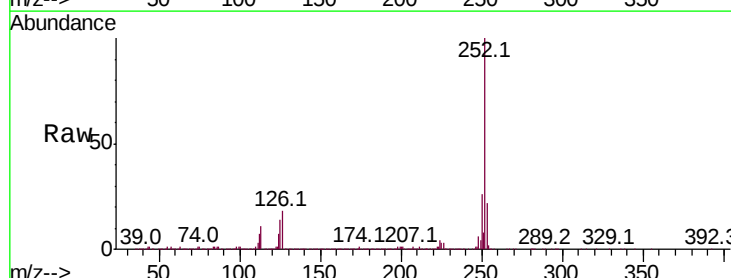
Instrument :
BNA_F
ClientSampled :

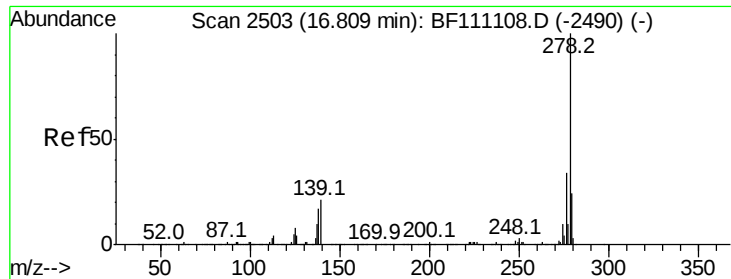
Tot Ion:252 Resp: 2237774
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.9 9.9 14.9



#90
Benzo(a)pyrene
Concen: 48.566 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111148.D
Acq: 6 Dec 2018 19:55

Tgt Ion:252 Resp: 2327097
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 14.2 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 54.552 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.03 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

Instrument :

BNA_F

ClientSampleId :

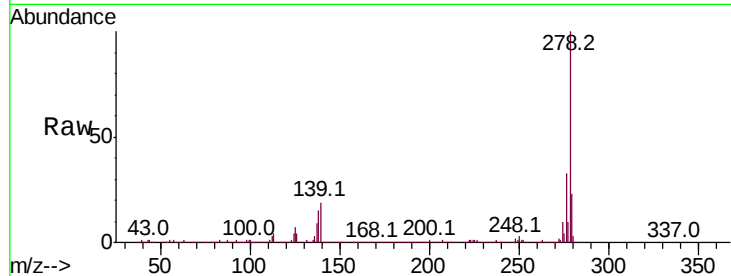
Tot Ion:278 Resp: 2193554

Ion Ratio Lower Upper

278 100

139 19.3 16.6 25.0

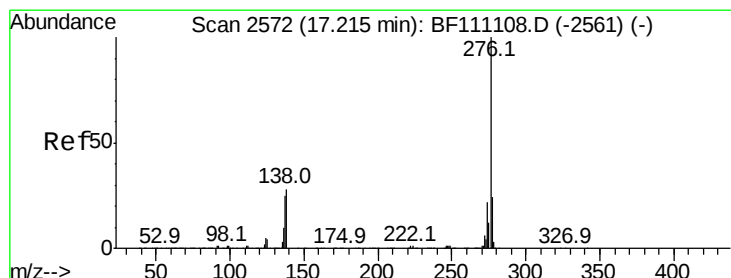
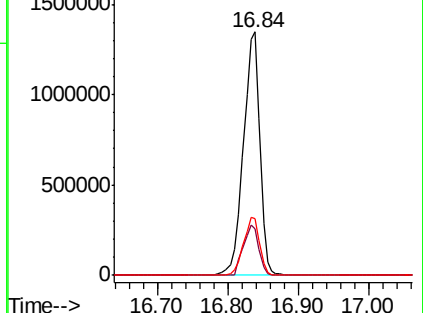
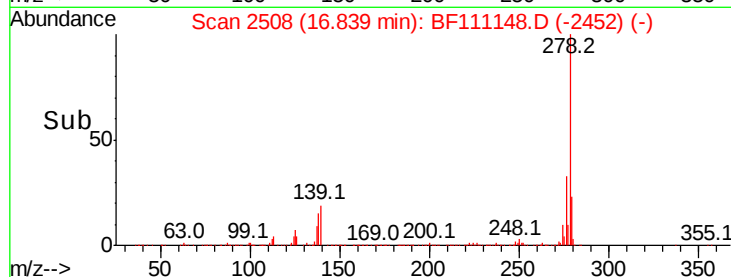
279 23.3 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.689 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.03 min

Lab File: BF111148.D

Acq: 6 Dec 2018 19:55

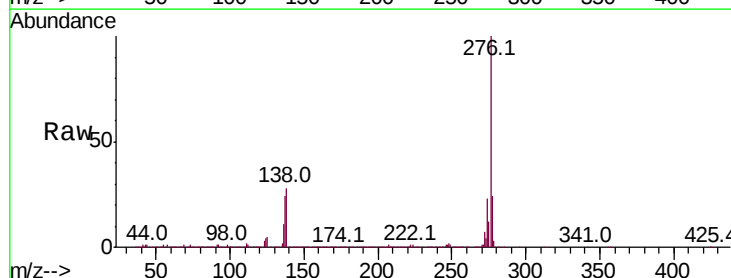
Tgt Ion:276 Resp: 2169464

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 28.0 22.3 33.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

