

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109881.D
 Acq On : 15 Oct 2018 16:12
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 16:56:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	233636	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	964251	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	448965	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	818722	20.00	ng	0.00
76) Chrysene-d12	14.15	240	567320	20.00	ng	0.00
87) Perylene-d12	15.67	264	419990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1161871	88.27	ng	0.00
7) Phenol-d6	6.59	99	1441631	81.99	ng	0.00
23) Nitrobenzene-d5	7.55	82	1197224	68.44	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	325309	66.50	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2143116	65.74	ng	0.00
79) Terphenyl-d14	13.09	244	2140374	73.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	334030	48.355	ng	92
3) Pyridine	3.60	79	750967	52.693	ng	88
4) n-Nitrosodimethylamine	3.57	42	309937	60.251	ng	# 99
6) Aniline	6.64	93	992184	48.440	ng	# 54
8) 2-Chlorophenol	6.76	128	664485	41.048	ng	100
9) Benzaldehyde	6.53	77	472930	41.797	ng	94
10) Phenol	6.60	94	785898	38.978	ng	# 64
11) bis(2-Chloroethyl)ether	6.71	93	656521	39.276	ng	92
12) 1,3-Dichlorobenzene	6.92	146	719696	38.871	ng	96
13) 1,4-Dichlorobenzene	7.00	146	728684	36.105	ng	98
14) 1,2-Dichlorobenzene	7.15	146	671871	37.906	ng	98
15) Benzyl Alcohol	7.11	79	569590	43.695	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1086350	49.012	ng	69
17) 2-Methylphenol	7.22	107	529714	41.380	ng	# 80
18) Hexachloroethane	7.49	117	260470	36.512	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	461501	37.427	ng	95
20) 3+4-Methylphenols	7.37	107	682508	43.268	ng	# 85
22) Acetophenone	7.39	105	878670	37.683	ng	97
24) Nitrobenzene	7.56	77	646327	35.508	ng	94
25) Isophorone	7.80	82	1114504	38.368	ng	96
26) 2-Nitrophenol	7.87	139	268222	31.504	ng	93
27) 2,4-Dimethylphenol	7.90	122	542161	44.097	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	773000	39.343	ng	99
29) 2,4-Dichlorophenol	8.11	162	530070	38.437	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	591721	38.760	ng	94
31) Naphthalene	8.29	128	1744729	39.125	ng	99
32) Benzoic acid	8.01	122	349668	39.779	ng	89
33) 4-Chloroaniline	8.33	127	787979	40.126	ng	100
34) Hexachlorobutadiene	8.40	225	321961	33.919	ng	100
35) Caprolactam	8.70	113	186601	45.309	ng	# 81
36) 4-Chloro-3-methylphenol	8.80	107	555023	38.128	ng	94
37) 2-Methylnaphthalene	8.97	142	1133778	38.814	ng	98
38) 1-Methylnaphthalene	9.07	142	1087539	37.450	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	545744	35.710	ng	98

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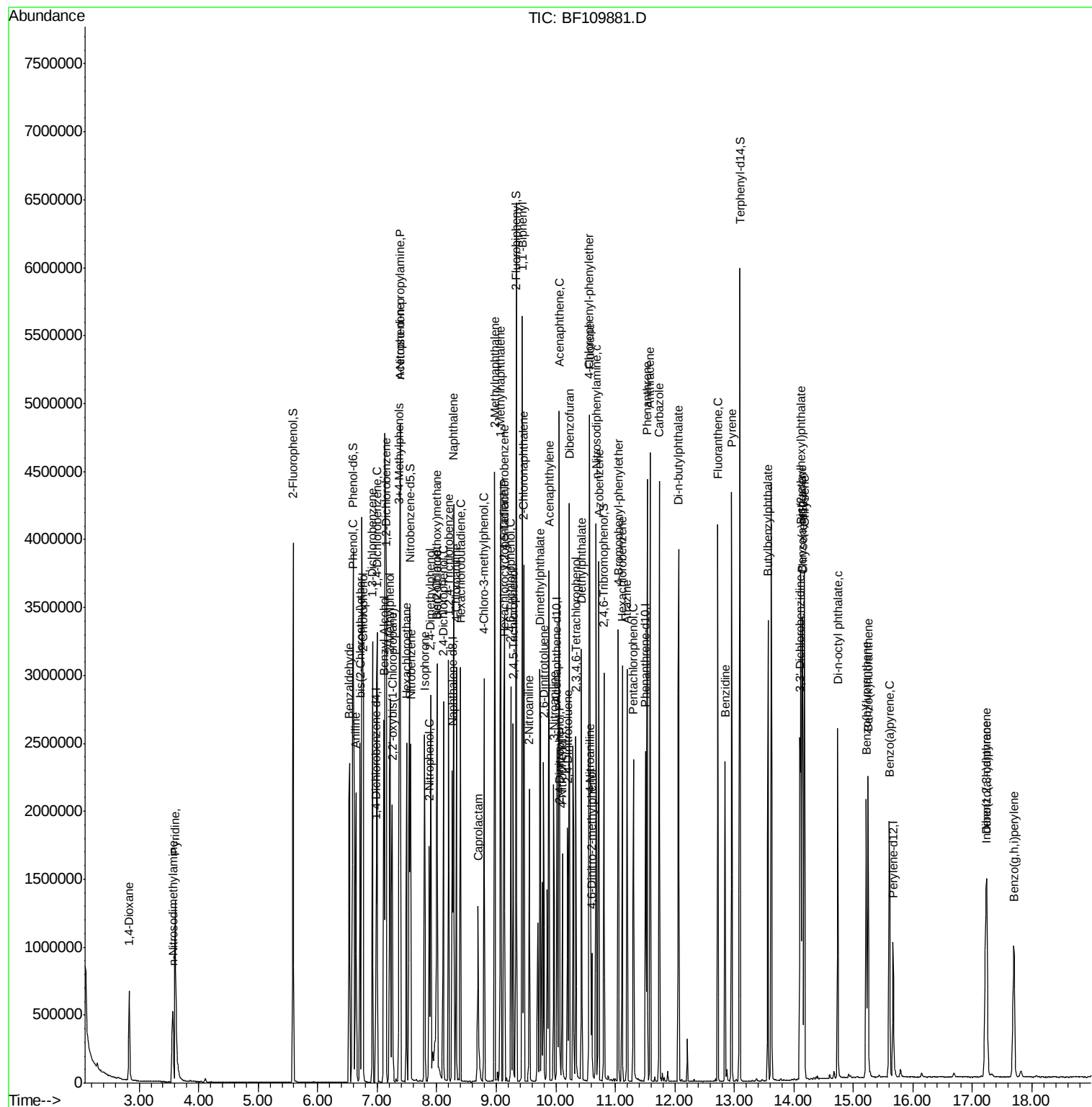
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	277015	49.671	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	353310	38.672	ng	96
44) 2,4,5-Trichlorophenol	9.28	196	372026	35.416	ng	95
46) 1,1'-Biphenyl	9.44	154	1567258	39.076	ng	98
47) 2-Chloronaphthalene	9.47	162	1152997	38.371	ng	97
48) 2-Nitroaniline	9.56	65	314622	34.579	ng	98
49) Acenaphthylene	9.89	152	1707411	38.976	ng	99
50) Dimethylphthalate	9.73	163	1251429	38.006	ng	99
51) 2,6-Dinitrotoluene	9.80	165	255207	35.756	ng	99
52) Acenaphthene	10.06	154	1073744	41.347	ng	98
53) 3-Nitroaniline	9.97	138	307815	38.473	ng	# 96
54) 2,4-Dinitrophenol	10.07	184	62394	27.095	ng	99
55) Dibenzofuran	10.23	168	1510639	38.807	ng	99
56) 4-Nitrophenol	10.11	139	231904	52.953	ng	95
57) 2,4-Dinitrotoluene	10.20	165	295079	33.128	ng	94
58) Fluorene	10.57	166	1104968	38.011	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	296499	34.723	ng	96
60) Diethylphthalate	10.43	149	1239868	38.004	ng	98
61) 4-Chlorophenyl-phenylether	10.56	204	584629	38.121	ng	99
62) 4-Nitroaniline	10.59	138	292547	39.482	ng	93
63) Azobenzene	10.72	77	1284159	38.761	ng	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	109739	27.539	ng	99
66) n-Nitrosodiphenylamine	10.68	169	1080821	38.942	ng	95
67) 4-Bromophenyl-phenylether	11.05	248	357469	37.999	ng	95
68) Hexachlorobenzene	11.12	284	370406	36.362	ng	# 91
69) Atrazine	11.20	200	346556	40.010	ng	99
70) Pentachlorophenol	11.30	266	232268	40.521	ng	96
71) Phenanthrene	11.53	178	1670488	40.771	ng	99
72) Anthracene	11.59	178	1678388	39.628	ng	99
73) Carbazole	11.74	167	1642458	39.984	ng	99
74) Di-n-butylphthalate	12.06	149	1865825	39.162	ng	100
75) Fluoranthene	12.72	202	1647992	38.502	ng	96
77) Benzidine	12.84	184	906190	42.999	ng	97
78) Pyrene	12.96	202	1692147	40.710	ng	99
80) Butylbenzylphthalate	13.56	149	705789	39.165	ng	97
81) Benzo(a)anthracene	14.14	228	1315748	42.027	ng	98
82) 3,3'-Dichlorobenzidine	14.10	252	479396	38.029	ng	99
83) Chrysene	14.18	228	1254299	38.143	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	905786	41.198	ng	97
85) Di-n-octyl phthalate	14.74	149	1278417	36.787	ng	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	964286	40.968	ng	# 92
88) Benzo(b)fluoranthene	15.22	252	1016704	43.806	ng	97
89) Benzo(k)fluoranthene	15.25	252	943069	40.441	ng	# 97
90) Benzo(a)pyrene	15.60	252	906160	43.024	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	811702	46.925	ng	# 97
92) Benzo(g,h,i)perylene	17.70	276	822005	47.588	ng	# 94

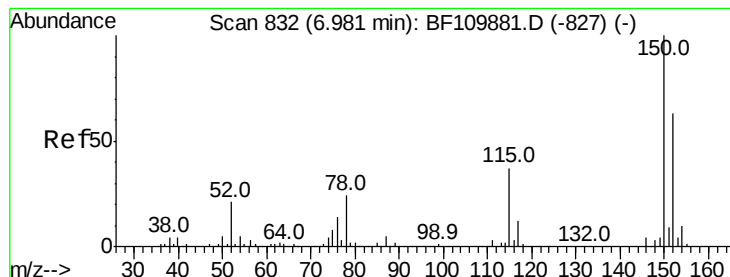
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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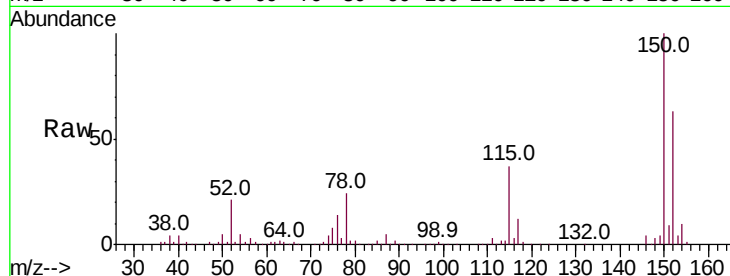


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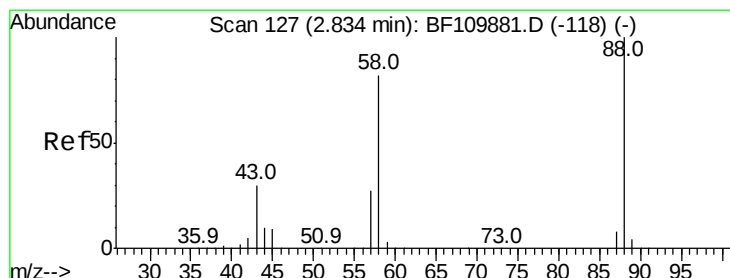
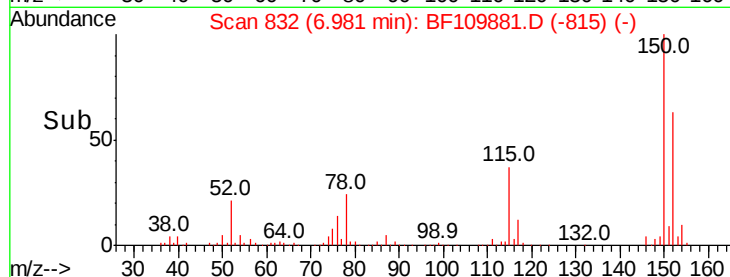
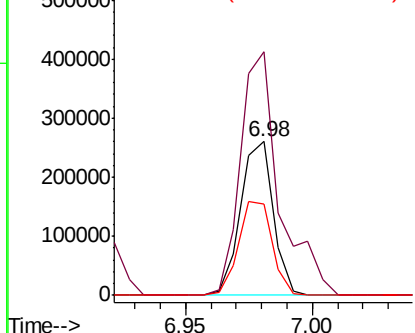
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 233636
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 59.0 49.1 73.7



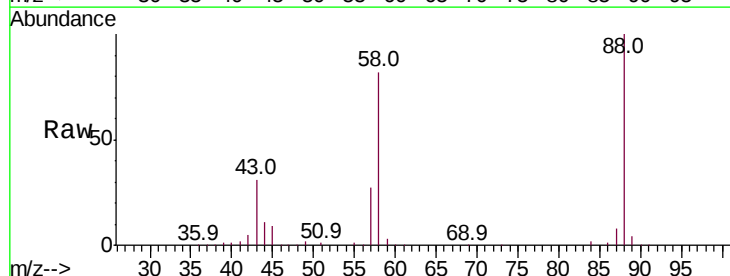
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



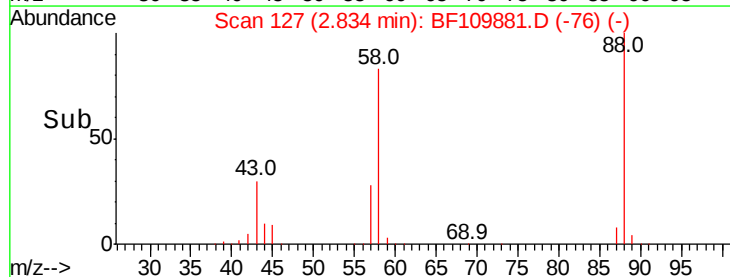
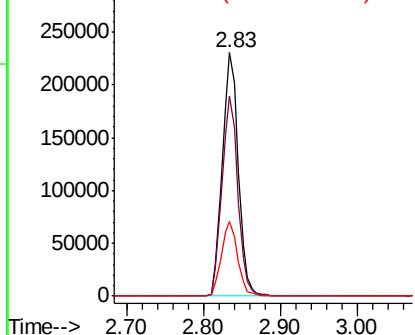
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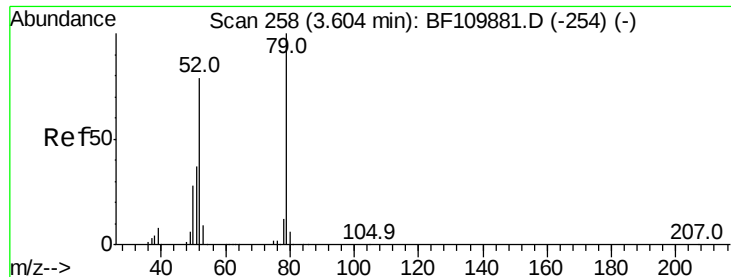
1,4-Dioxane
Concen: 48.355 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion: 88 Resp: 334030
Ion Ratio Lower Upper
88 100
58 80.8 57.1 85.7
43 30.2 24.1 36.1



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





#3

Pvridine

Concen: 52.693 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampled :

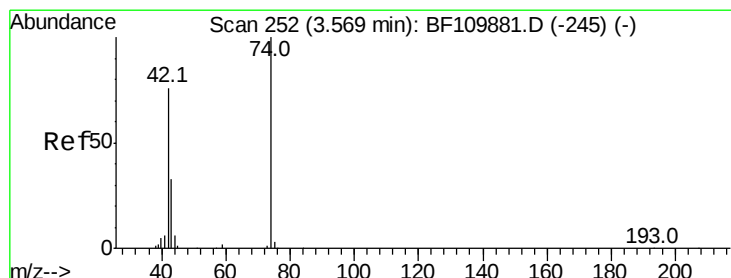
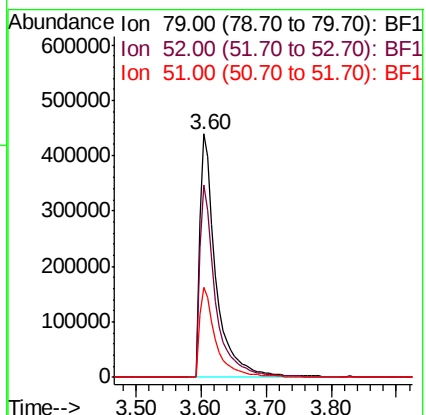
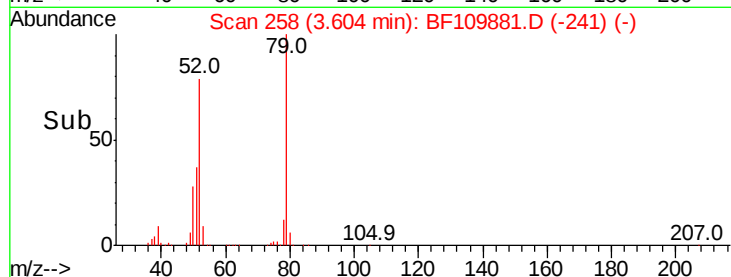
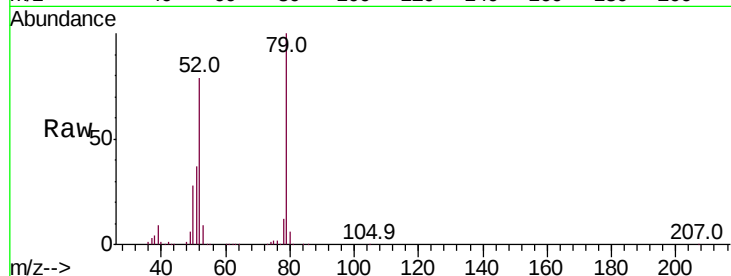
Tot Ion: 79 Resp: 750967

Ion Ratio Lower Upper

79 100

52 78.9 53.1 79.7

51 37.2 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 60.251 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

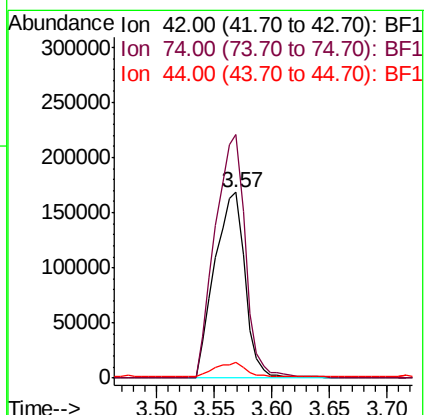
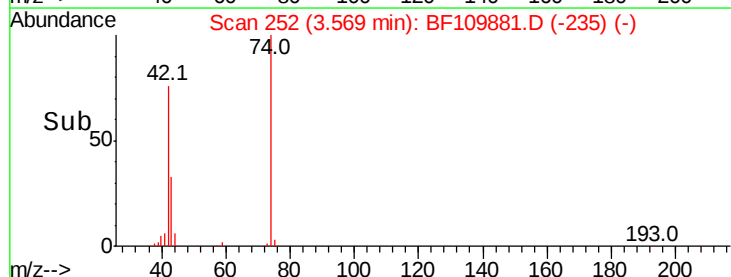
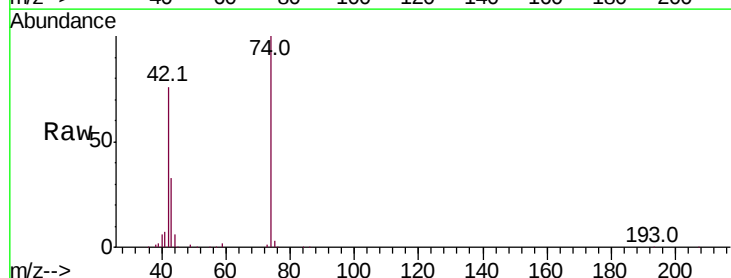
Tgt Ion: 42 Resp: 309937

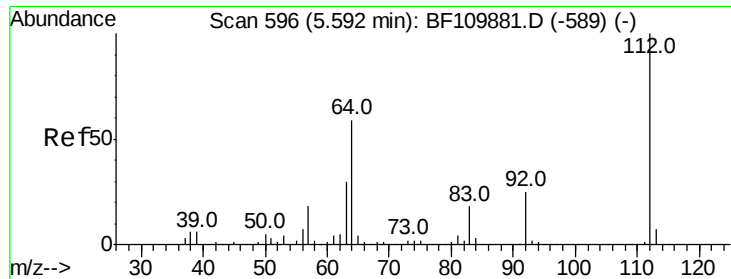
Ion Ratio Lower Upper

42 100

74 131.0 105.5 158.3

44 8.2 4.9 7.3#

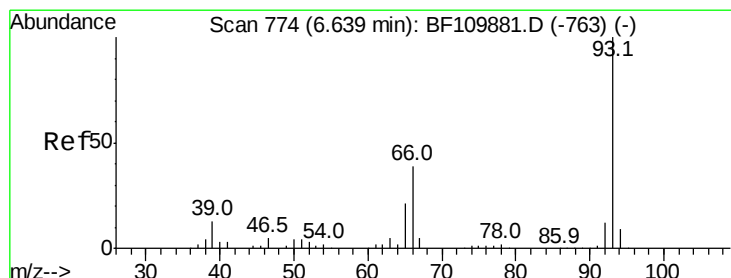
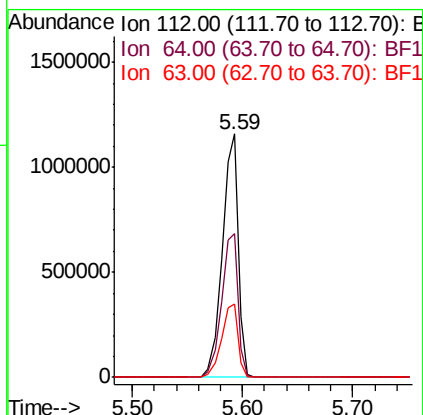
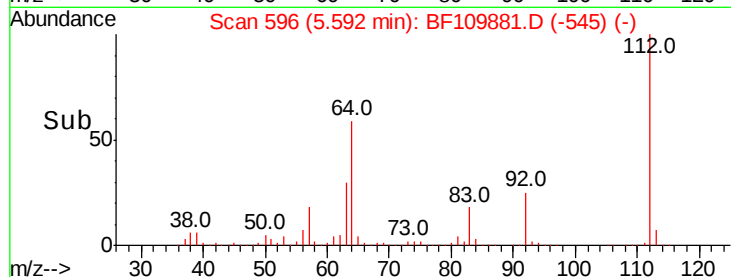
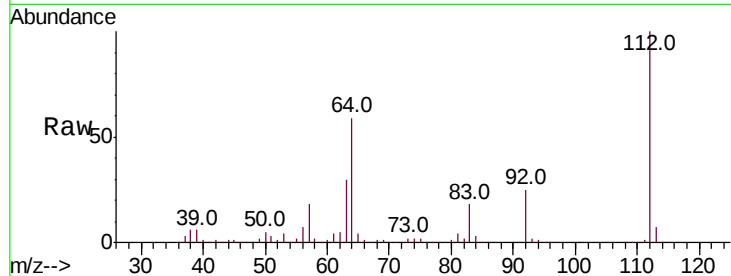




#5
 2-Fluorophenol
 Concen: 88.272 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

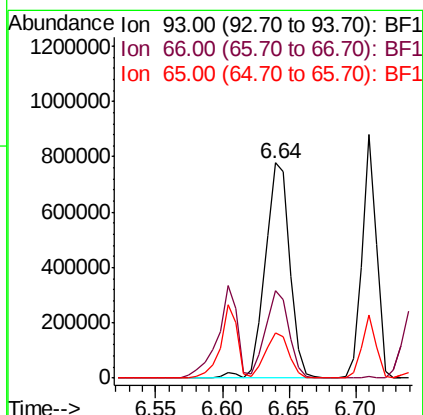
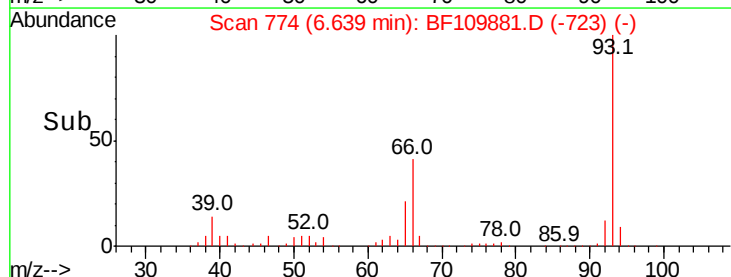
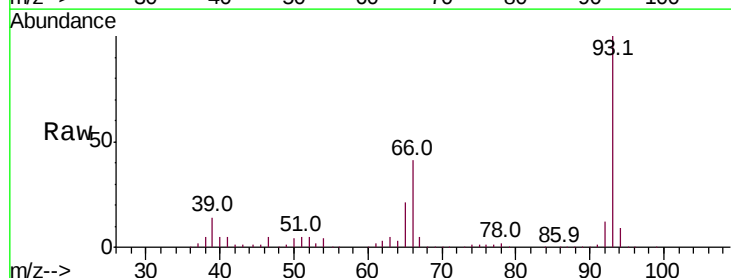
Instrument :
 BNA_F
 ClientSampled :

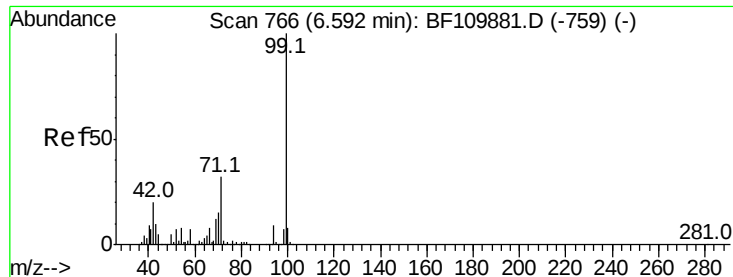
Tot Ion:112 Resp: 1161871
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.1 66.1
 63 30.4 23.7 35.5



#6
 Aniline
 Concen: 48.440 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion: 93 Resp: 992184
 Ion Ratio Lower Upper
 93 100
 66 40.9 67.4 101.0#
 65 21.3 41.0 61.4#





#7

Phenol-d6

Concen: 81.988 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

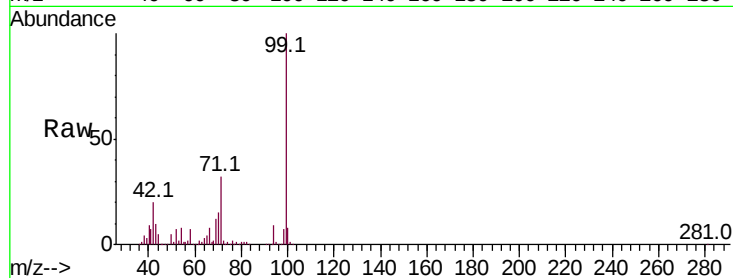
Tot Ion: 99 Resp: 1441631

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

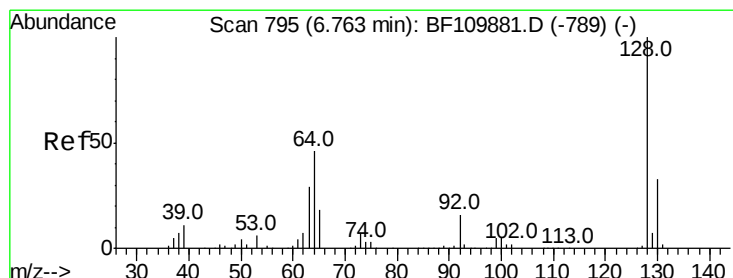
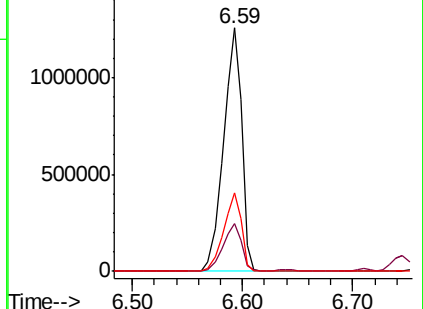
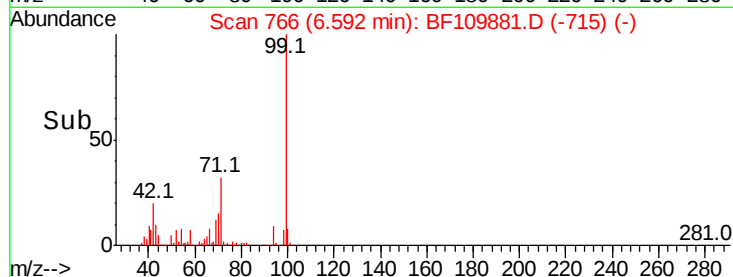
71 32.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.048 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

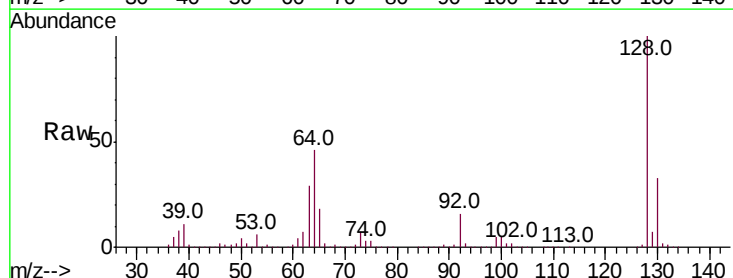
Tgt Ion: 128 Resp: 664485

Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

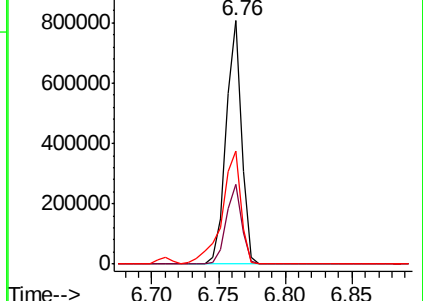
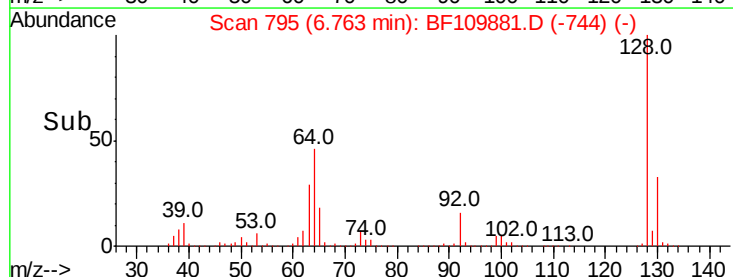
64 46.2 26.0 66.0

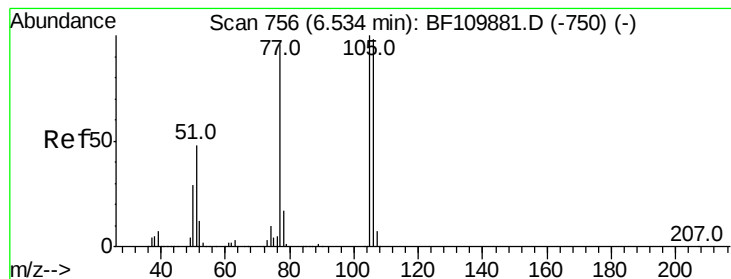


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.797 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

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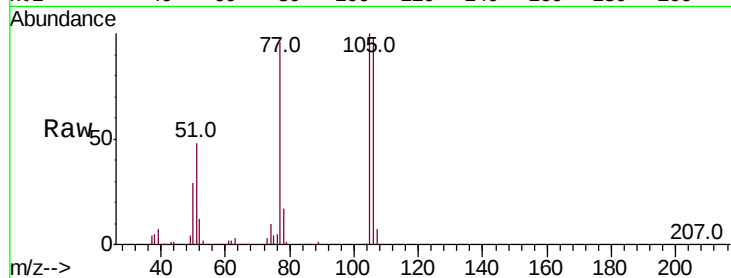
Tot Ion: 77 Resp: 472930

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

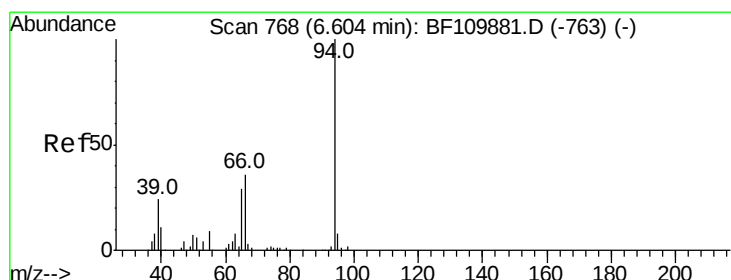
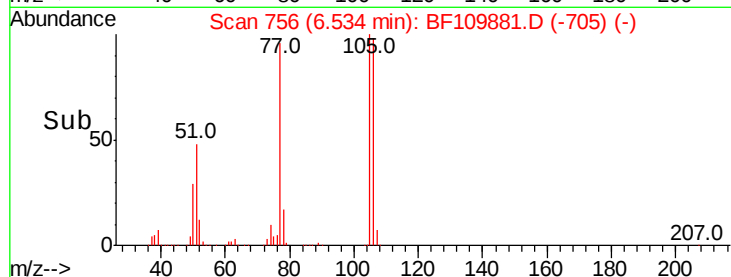
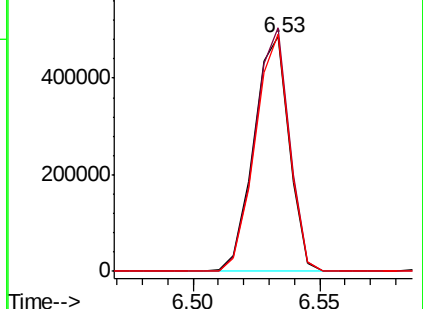
106 101.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.978 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

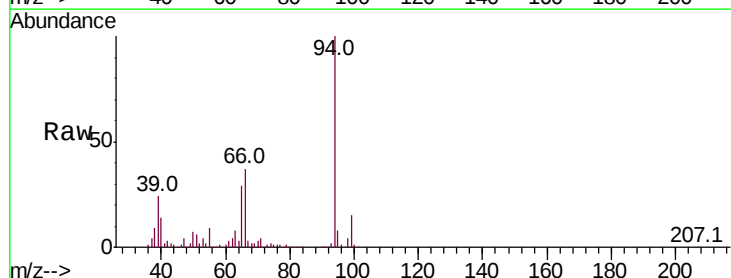
Tgt Ion: 94 Resp: 785898

Ion Ratio Lower Upper

94 100

65 29.4 25.3 65.3

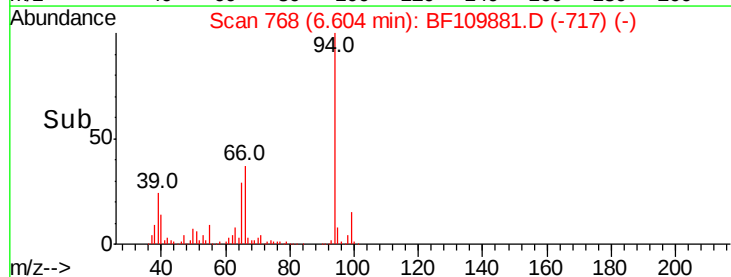
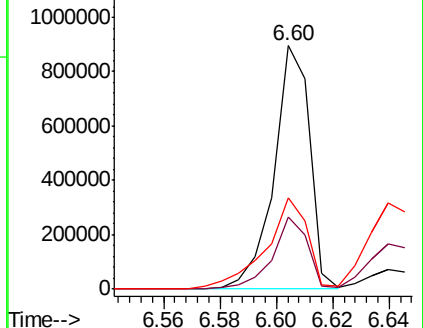
66 37.4 54.5 94.5#

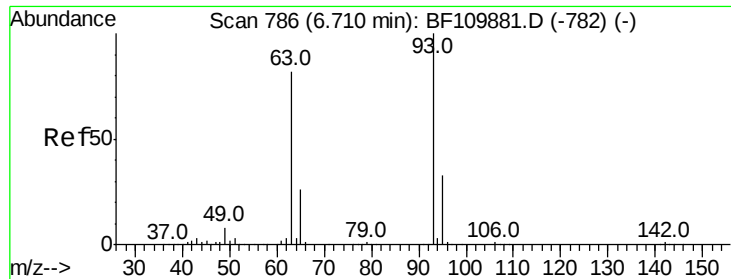


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

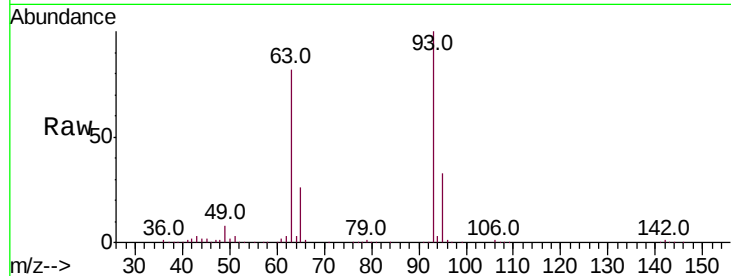




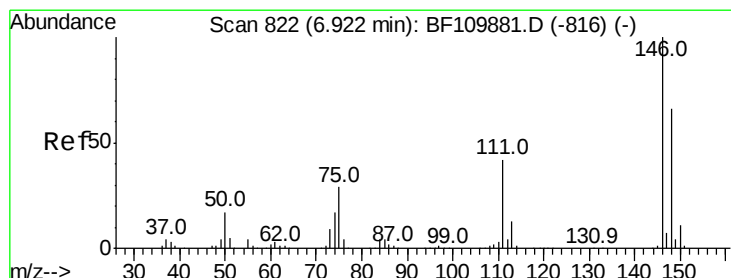
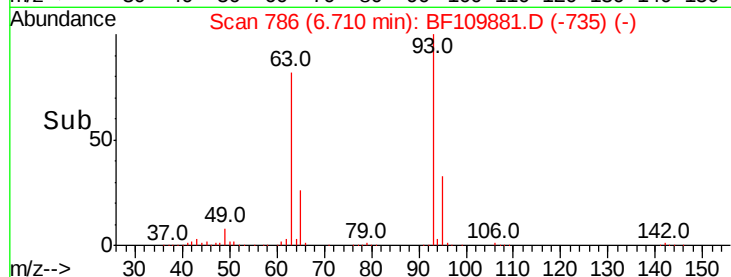
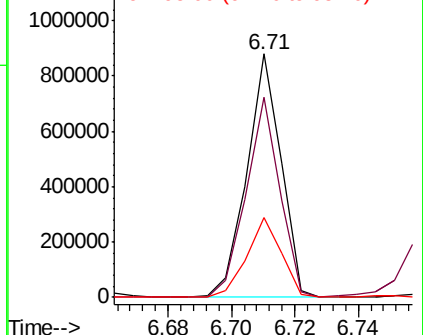
#11
bis(2-Chloroethyl)ether
Concen: 39.276 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 656521
Ion Ratio Lower Upper
93 100
63 82.2 53.4 93.4
95 32.8 12.1 52.1

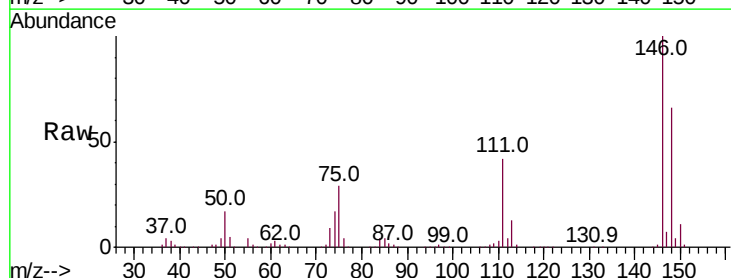


Abundance Ion 93.00 (92.70 to 93.70): BF1
1200000
Ion 63.00 (62.70 to 63.70): BF1
1000000
Ion 95.00 (94.70 to 95.70): BF1

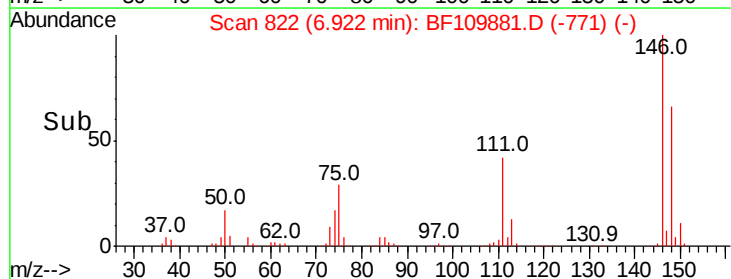
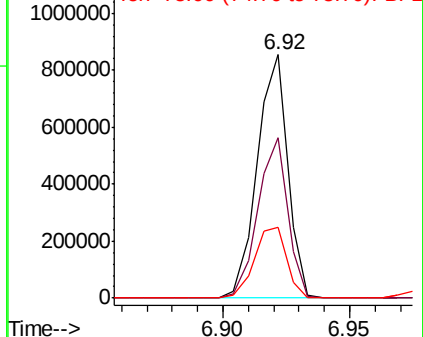


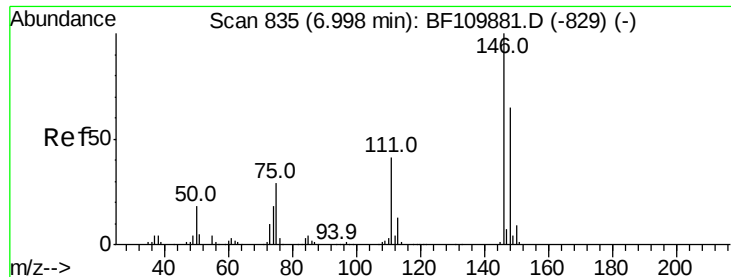
#12
1,3-Dichlorobenzene
Concen: 38.871 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion: 146 Resp: 719696
Ion Ratio Lower Upper
146 100
148 65.7 50.4 75.6
75 29.2 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
1000000
Ion 148.00 (147.70 to 148.70): E
800000
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 36.105 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampled :

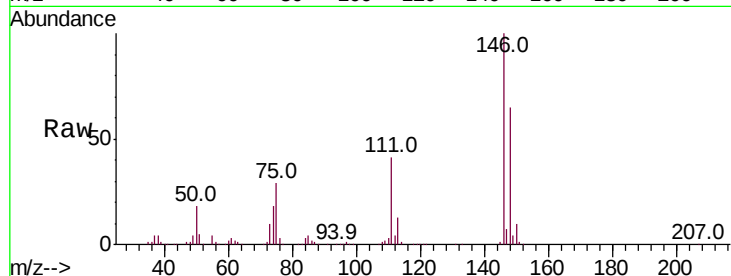
Tot Ion:146 Resp: 728684

Ion Ratio Lower Upper

146 100

148 64.7 50.3 75.5

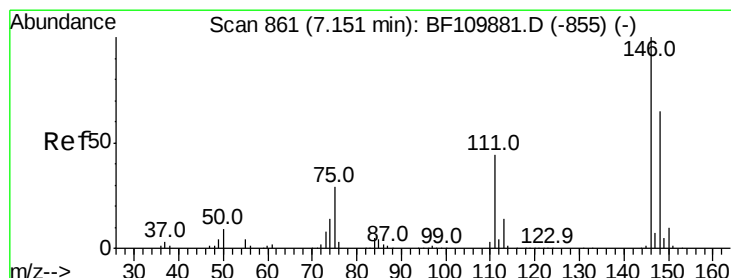
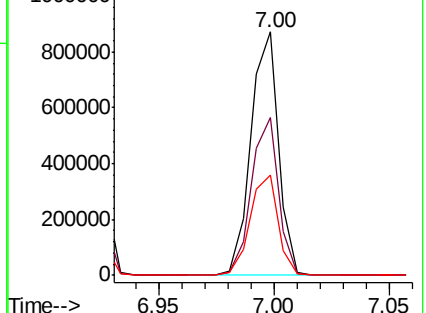
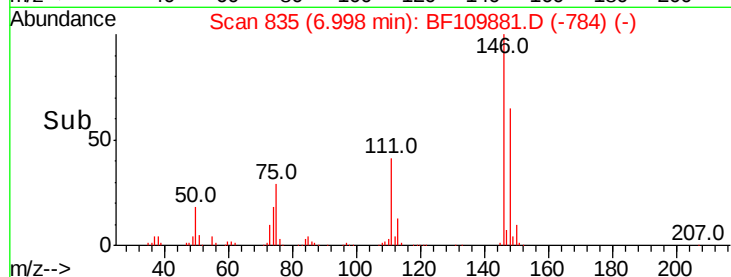
111 41.2 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.906 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

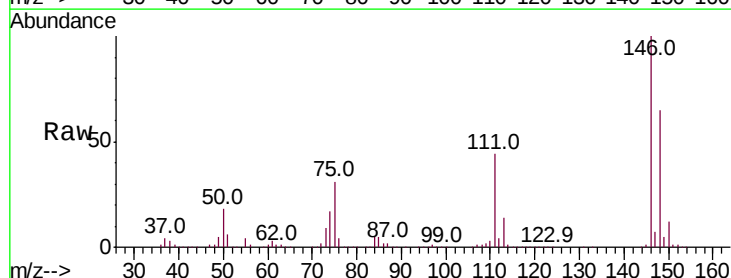
Tgt Ion:146 Resp: 671871

Ion Ratio Lower Upper

146 100

148 65.4 51.1 76.7

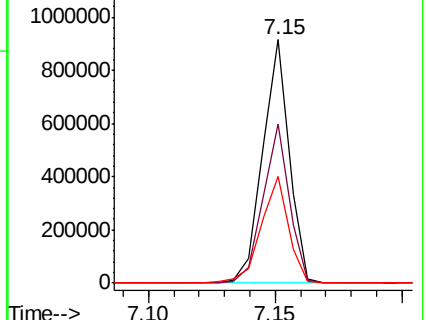
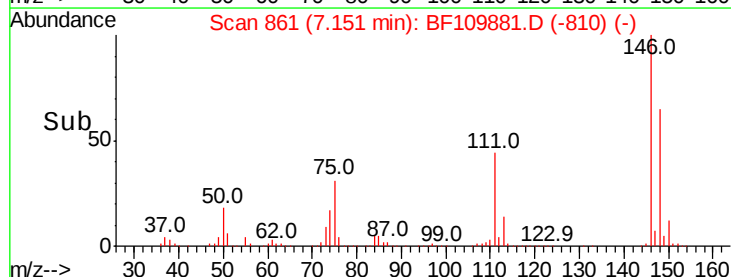
111 43.6 35.8 53.6

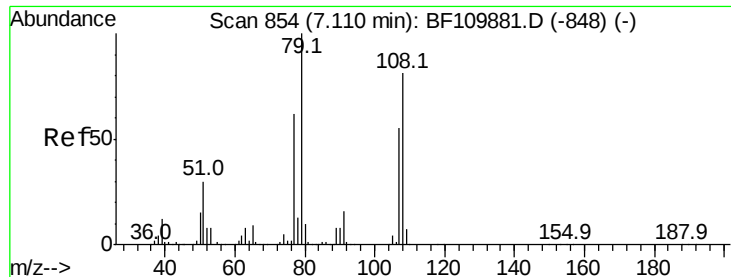


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.695 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

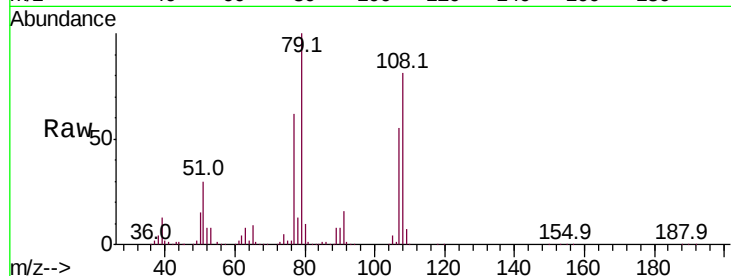
Tot Ion: 79 Resp: 569590

Ion Ratio Lower Upper

79 100

108 80.5 56.3 84.5

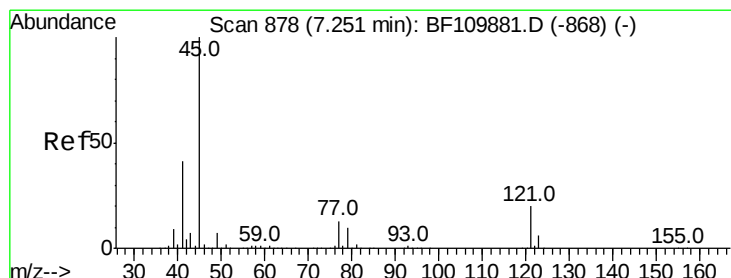
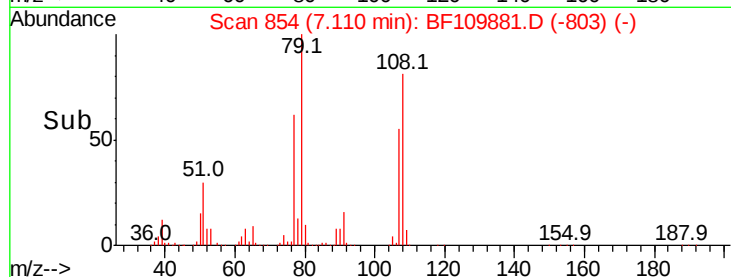
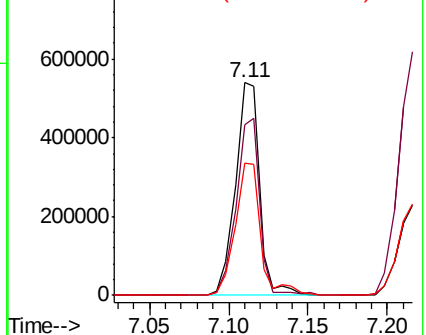
77 62.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.012 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

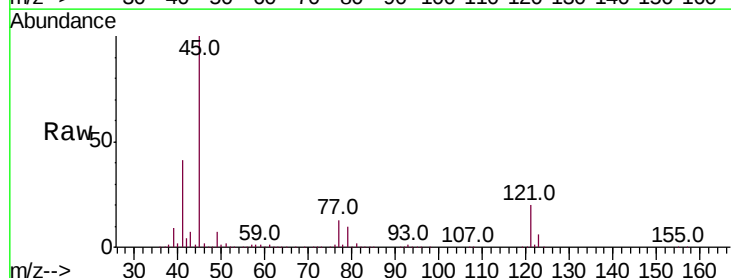
Tgt Ion: 45 Resp: 1086350

Ion Ratio Lower Upper

45 100

77 13.0 10.0 50.0

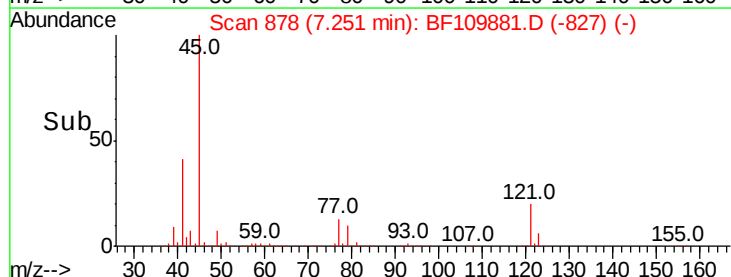
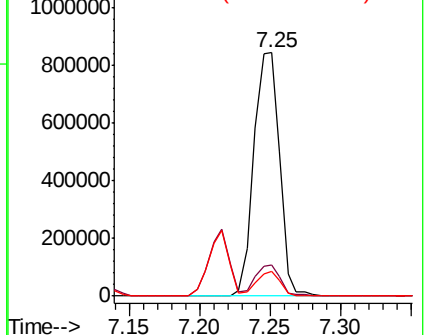
79 10.0 6.1 46.1

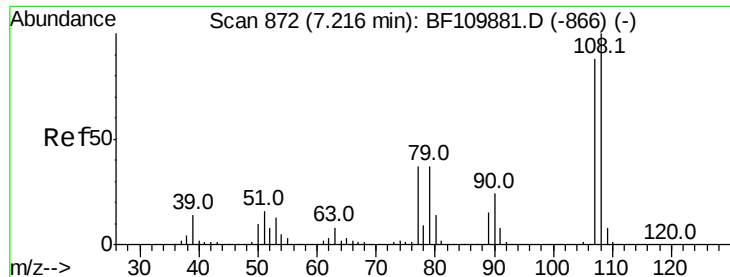


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

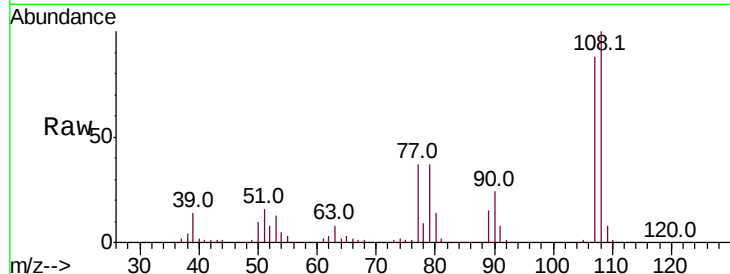




#17
2-Methylphenol
Concen: 41.380 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.6	138.8
77	42.2	59.4	89.2#
79	42.1	54.0	81.0#



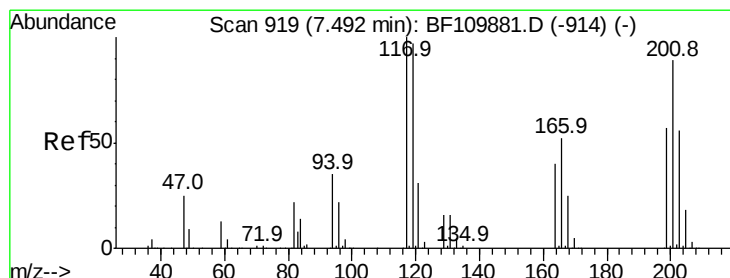
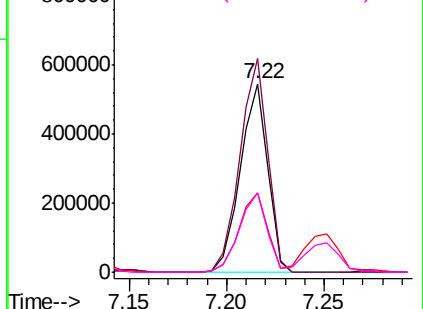
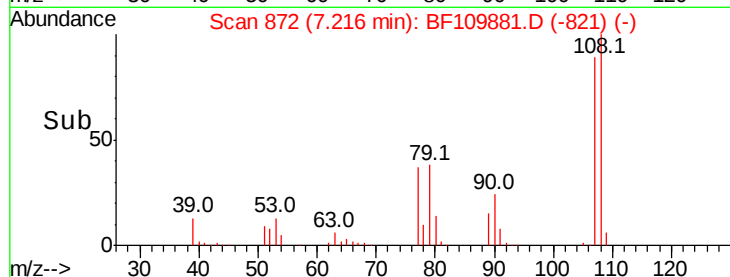
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

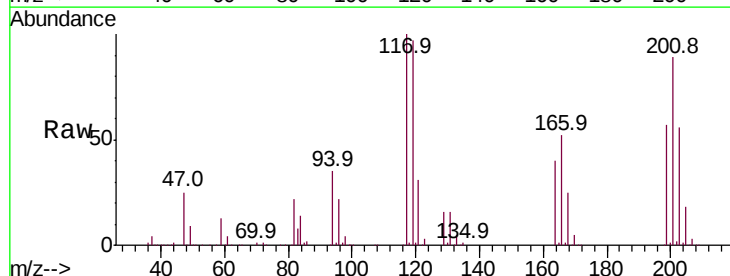
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.512 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.0	112.6
201	89.0	79.2	118.8

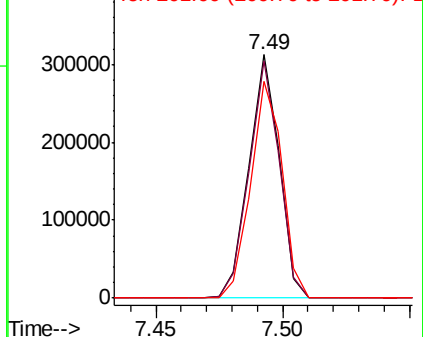
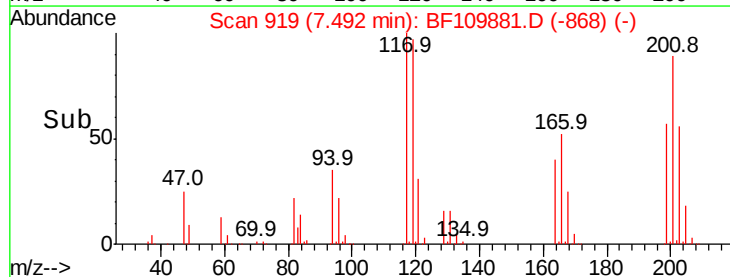


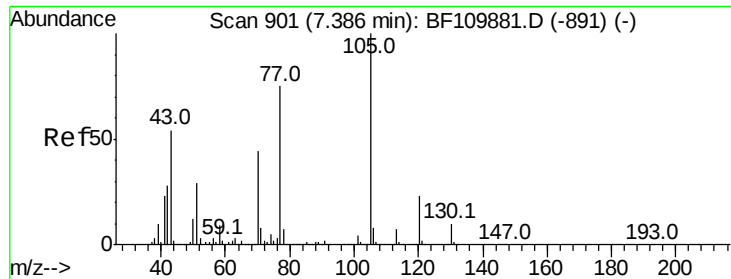
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

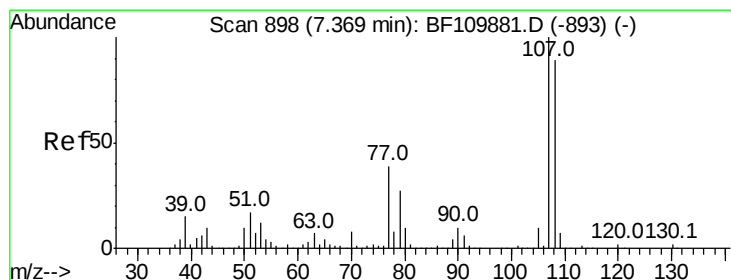
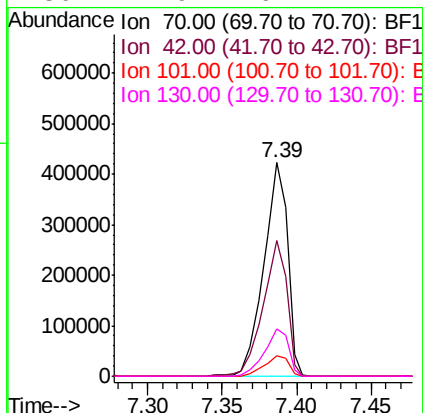
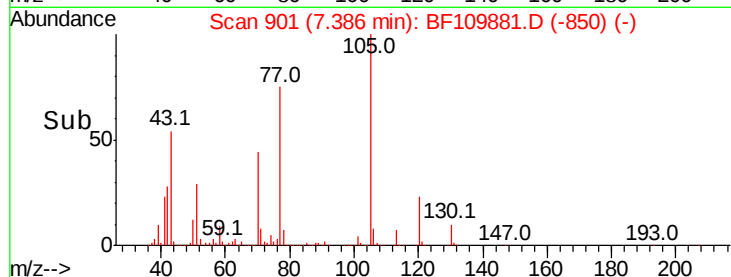
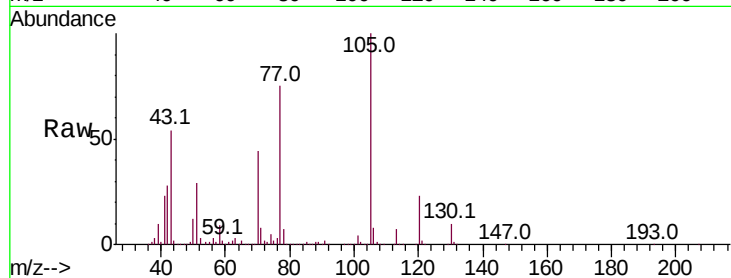




#19
n-Nitroso-di-n-propylamine
Concen: 37.427 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

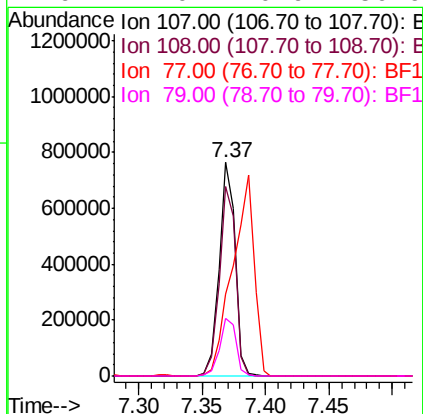
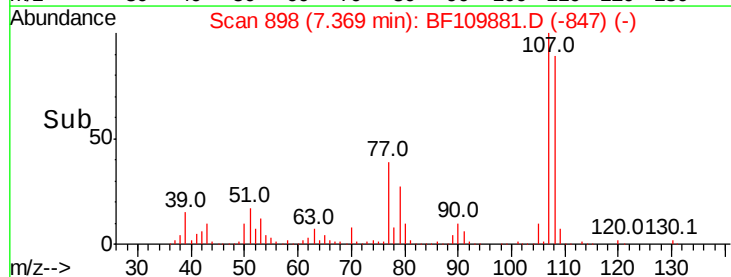
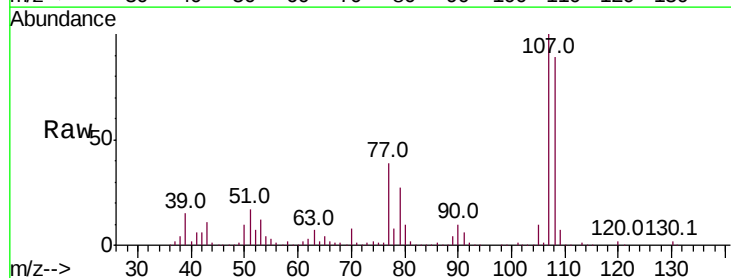
Instrument :
BNA_F
ClientSampleId :

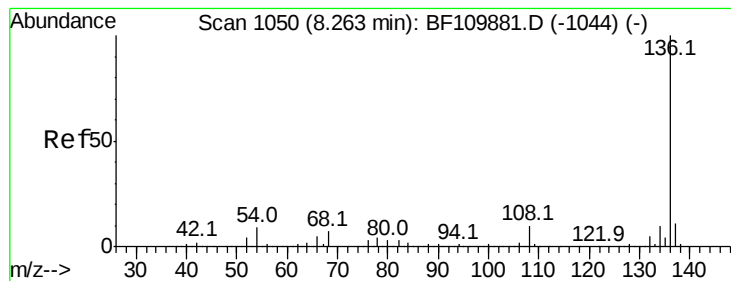
Tot Ion:	70	Resp:	461501
Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.4	71.2
101	9.4	7.3	10.9
130	21.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 43.268 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:	107	Resp:	682508
Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.4	111.4
77	38.5	47.3	87.3#
79	27.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 964251

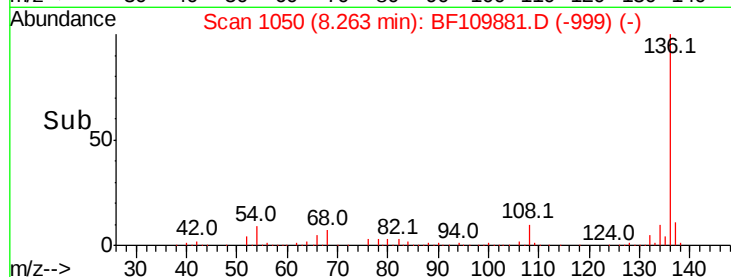
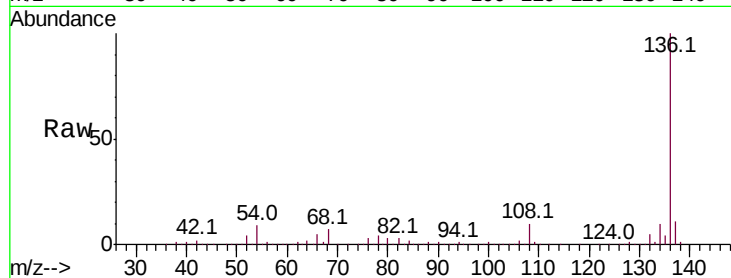
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 5.4 8.2#

68 6.6 4.2 6.2#

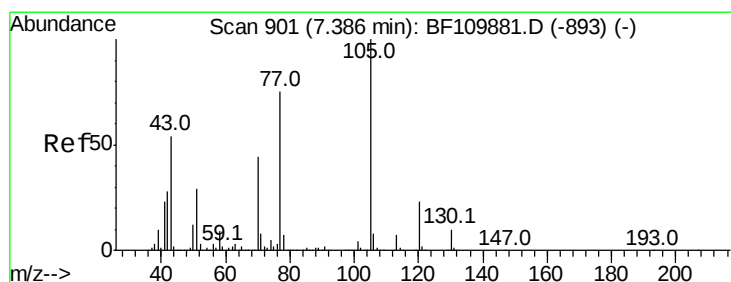
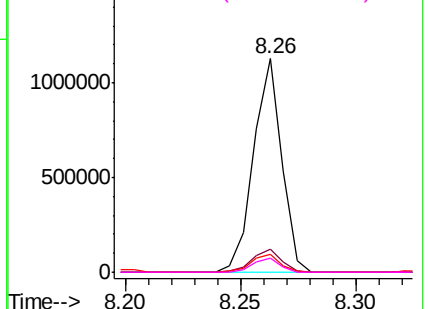


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.683 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:105 Resp: 878670

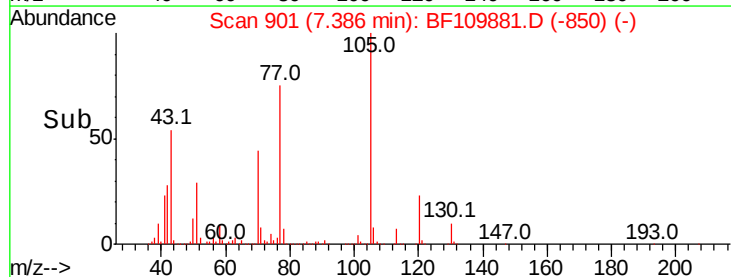
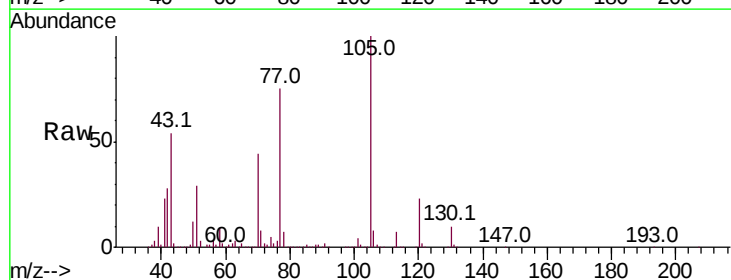
Ion Ratio Lower Upper

105 100

71 7.7 5.2 7.8

51 28.7 21.8 32.8

120 22.6 17.0 25.4

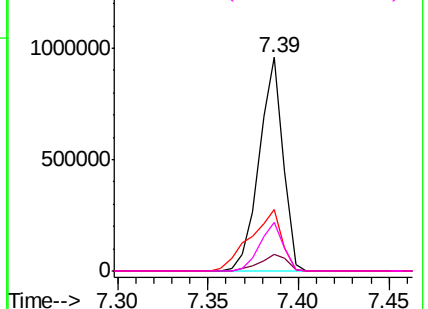


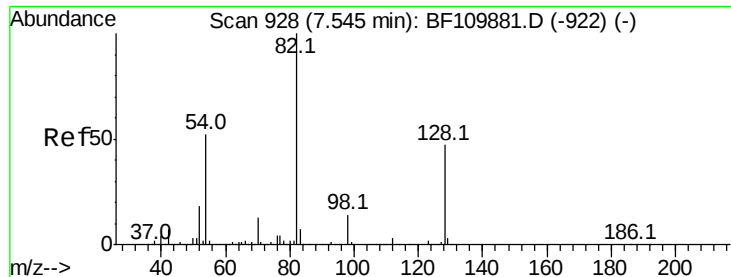
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

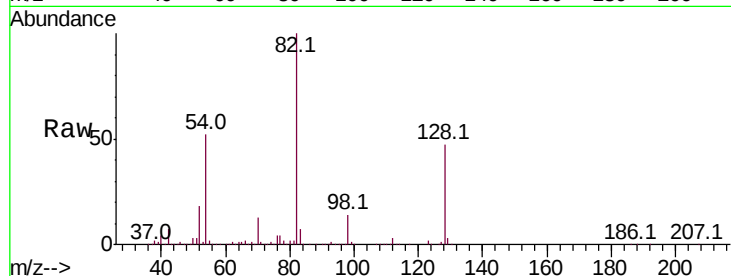




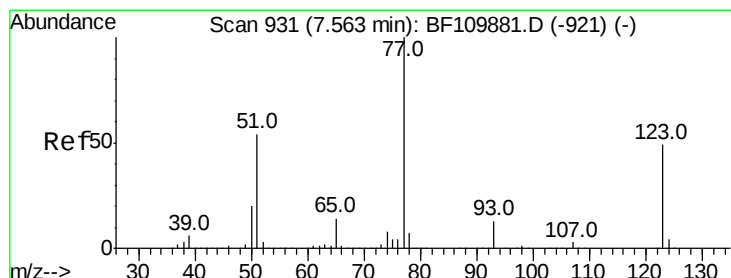
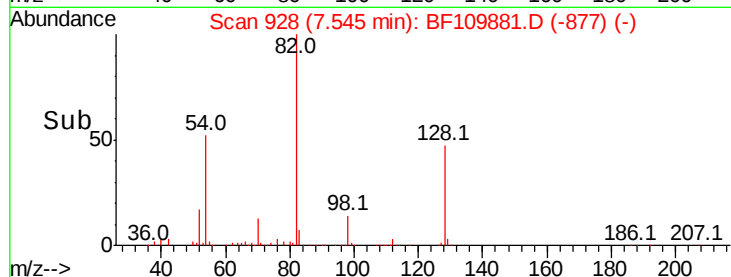
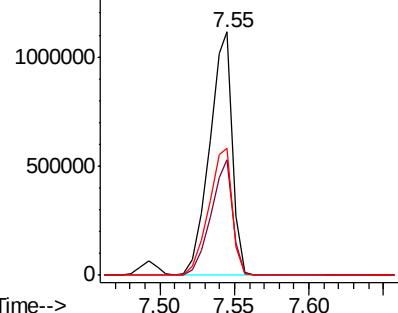
#23
Nitrobenzene-d5
Concen: 68.442 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1197224
Ion Ratio Lower Upper
82 100
128 47.5 34.2 51.2
54 52.0 38.6 58.0

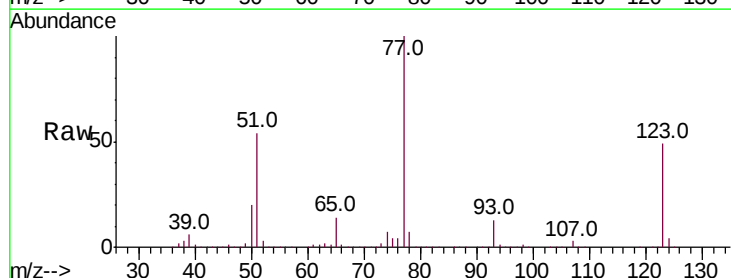


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

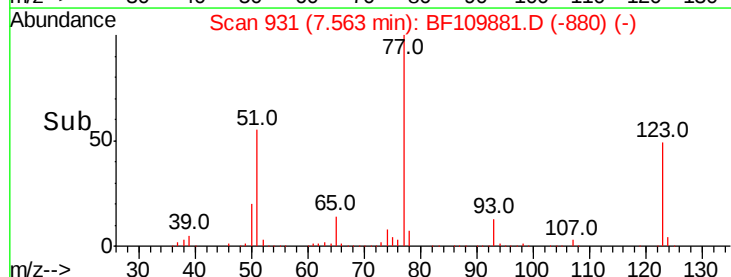
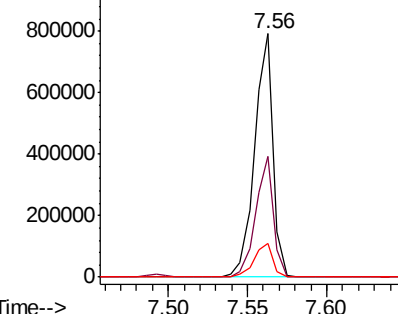


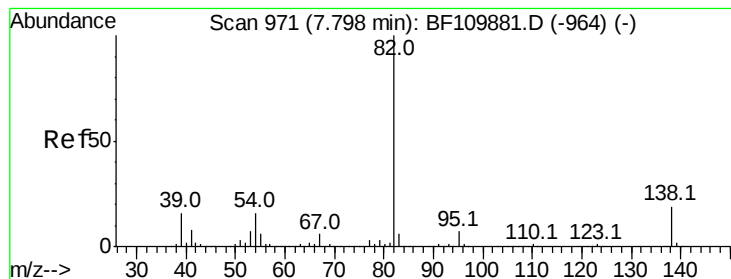
#24
Nitrobenzene
Concen: 35.508 ng
RT: 7.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion: 77 Resp: 646327
Ion Ratio Lower Upper
77 100
123 49.4 35.7 53.5
65 14.1 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.368 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

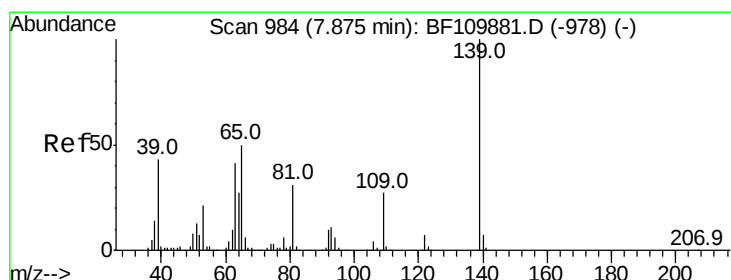
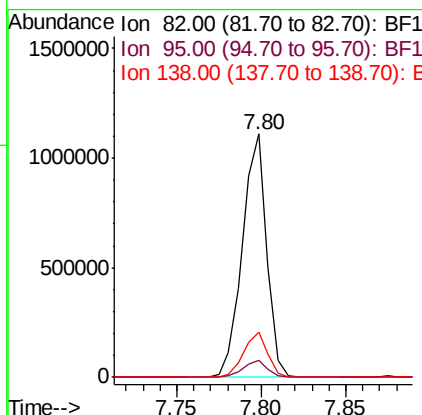
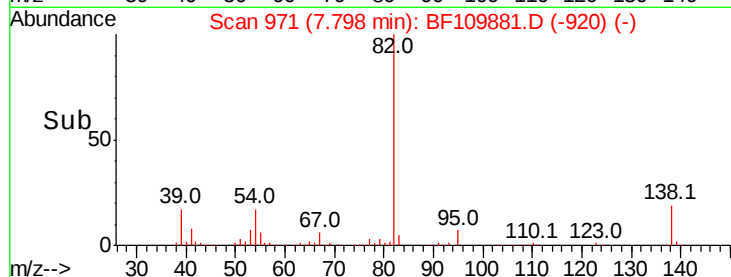
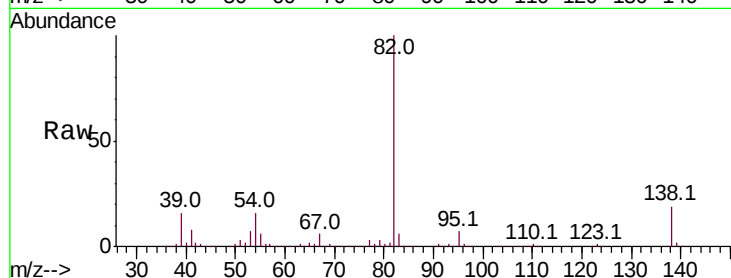
Tot Ion: 82 Resp: 1114504

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 18.8 13.2 19.8



#26

2-Nitrophenol

Concen: 31.504 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

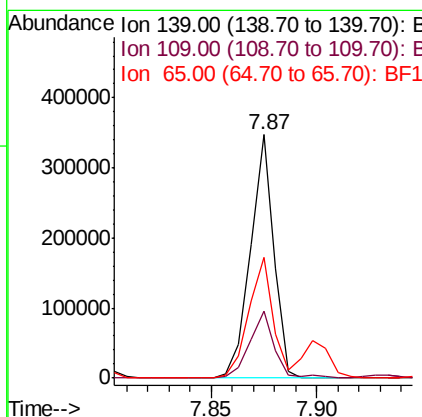
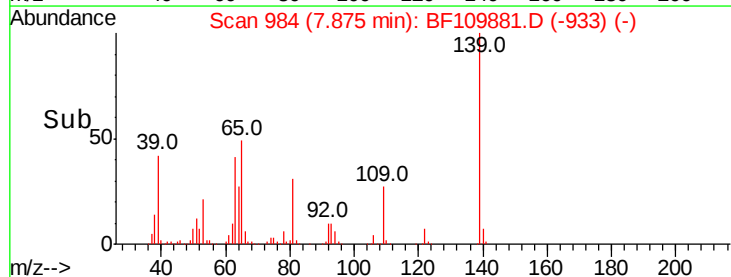
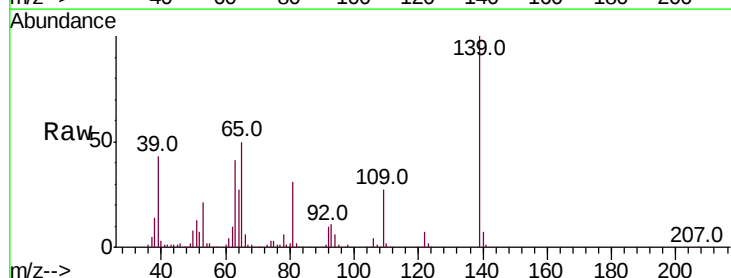
Tgt Ion: 139 Resp: 268222

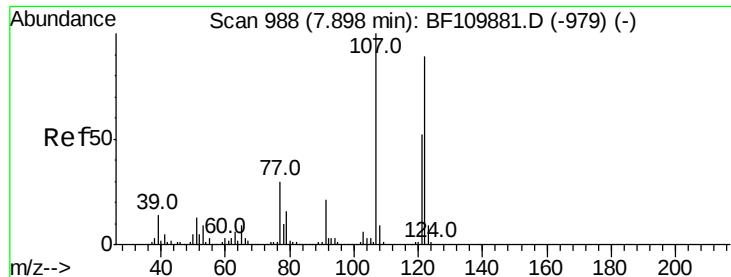
Ion Ratio Lower Upper

139 100

109 27.5 25.0 37.6

65 49.7 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 44.097 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

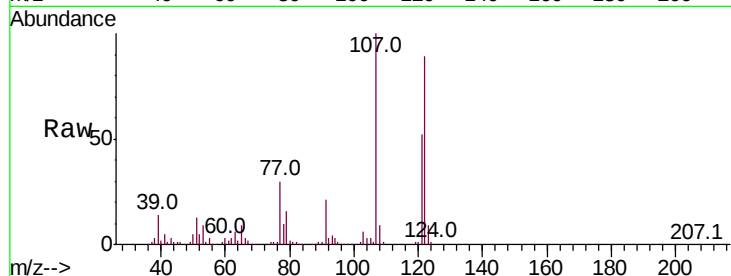
Tot Ion:122 Resp: 542161

Ion Ratio Lower Upper

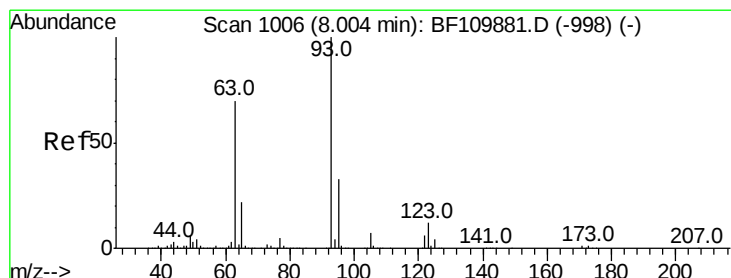
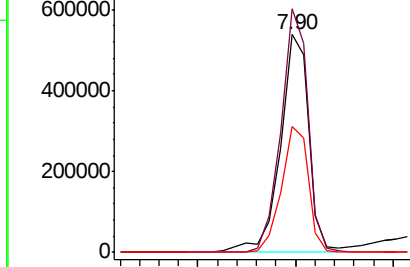
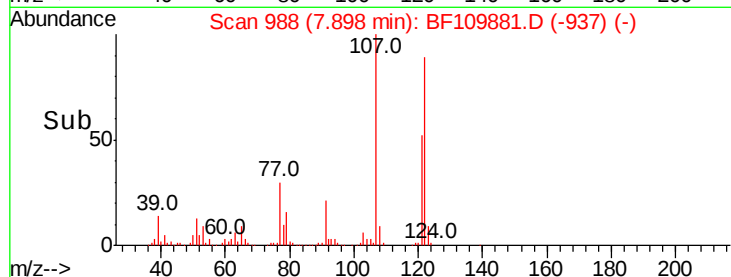
122 100

107 111.9 92.5 138.7

121 57.8 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.343 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

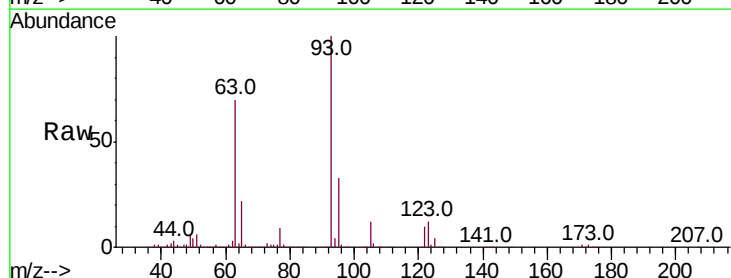
Tgt Ion: 93 Resp: 773000

Ion Ratio Lower Upper

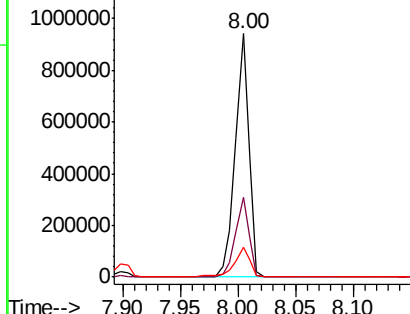
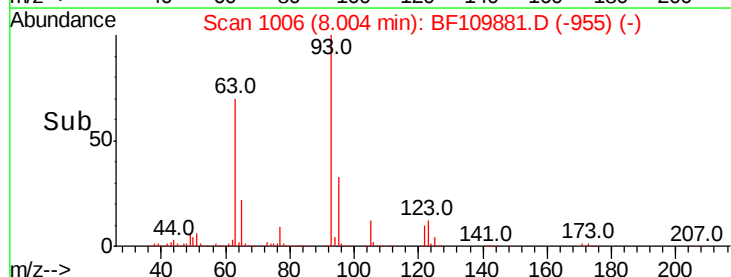
93 100

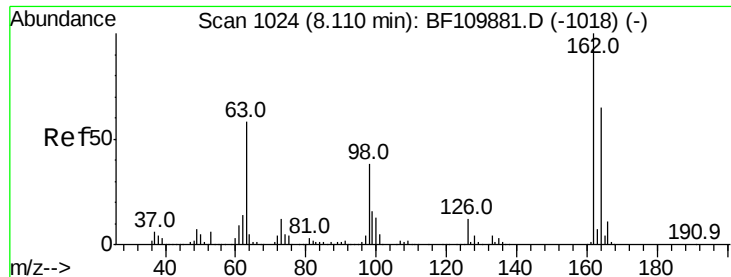
95 32.9 26.4 39.6

123 12.2 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

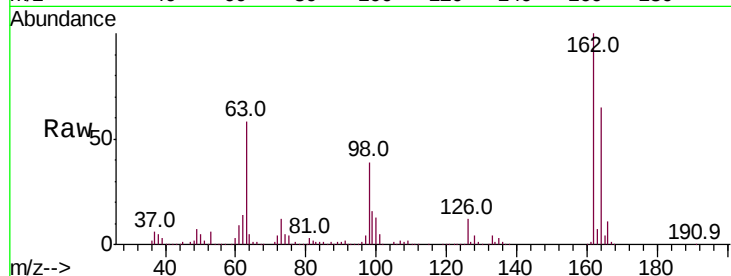




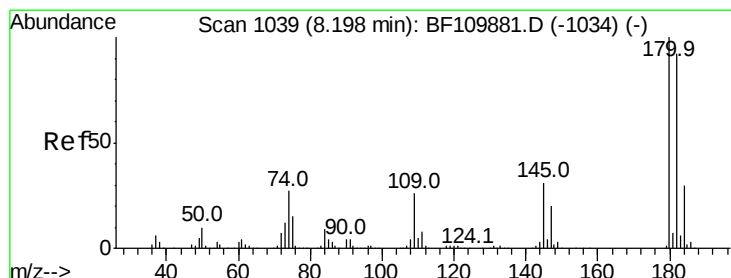
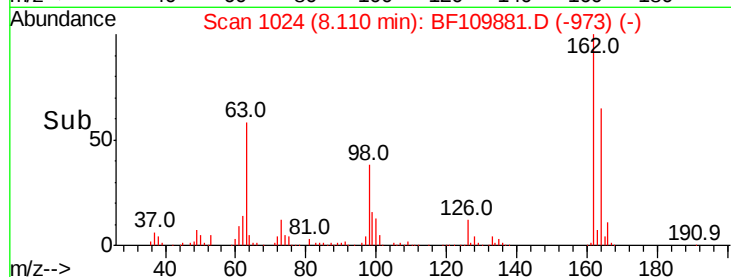
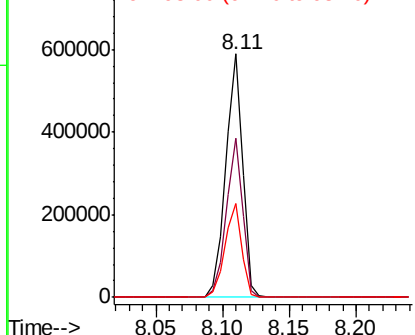
#29
2,4-Dichlorophenol
Concen: 38.437 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	38.5	17.4	57.4

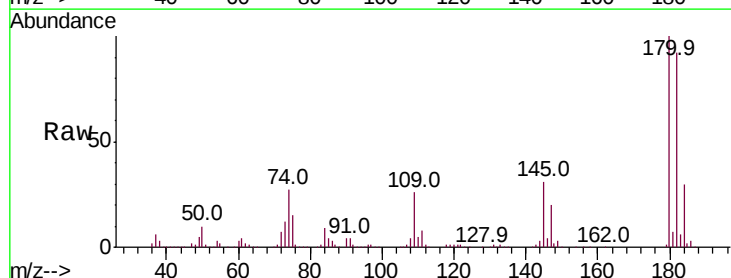


Abundance Ion 162.00 (161.70 to 162.70): E
800000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

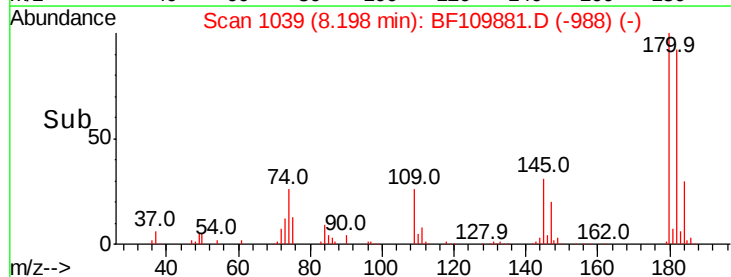
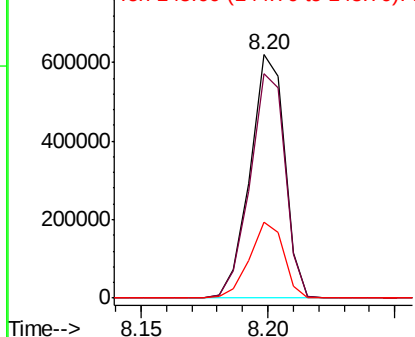


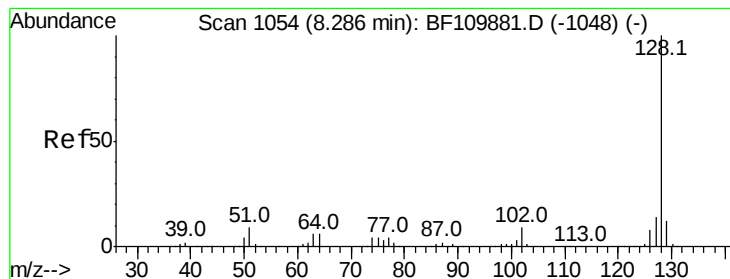
#30
1,2,4-Trichlorobenzene
Concen: 38.760 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	80.3	120.5
145	31.5	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
800000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.125 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

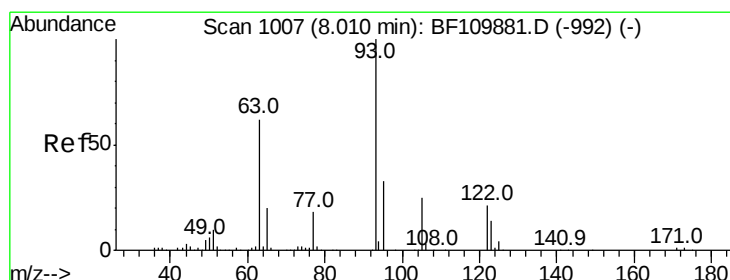
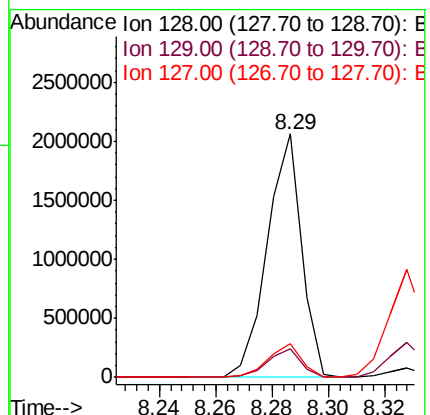
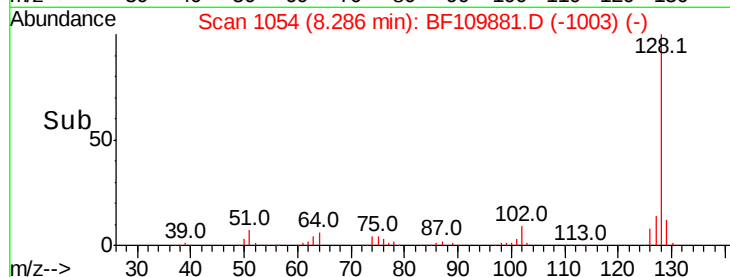
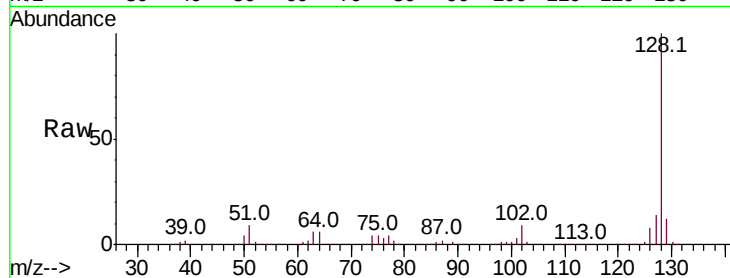
Tot Ion:128 Resp: 1744729

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 39.779 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

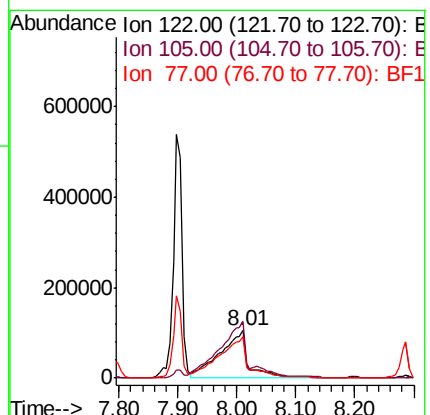
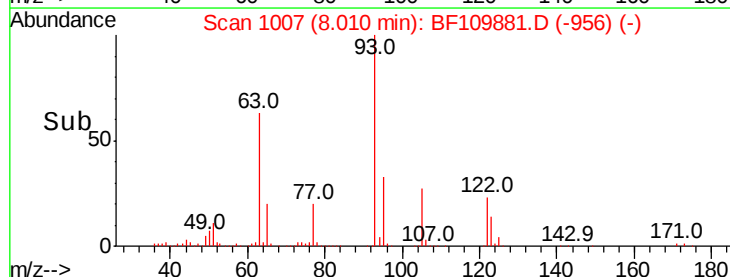
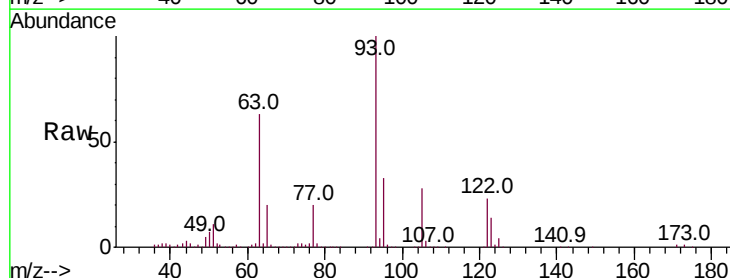
Tgt Ion:122 Resp: 349668

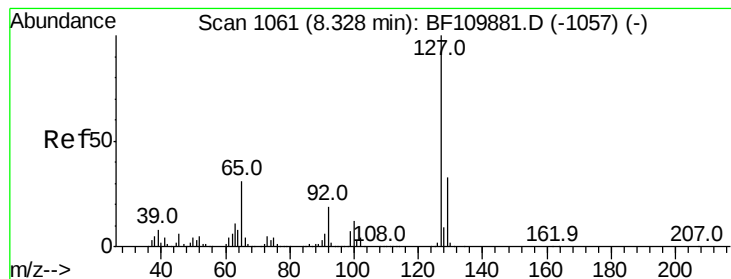
Ion Ratio Lower Upper

122 100

105 119.0 109.0 149.0

77 85.6 79.0 119.0





#33

4-Chloroaniline

Concen: 40.126 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 787979

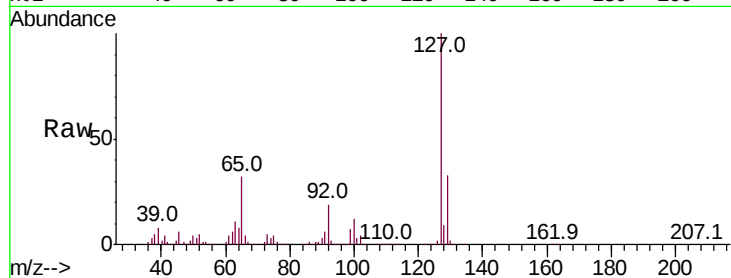
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 31.5 25.1 37.7

92 18.9 15.0 22.6

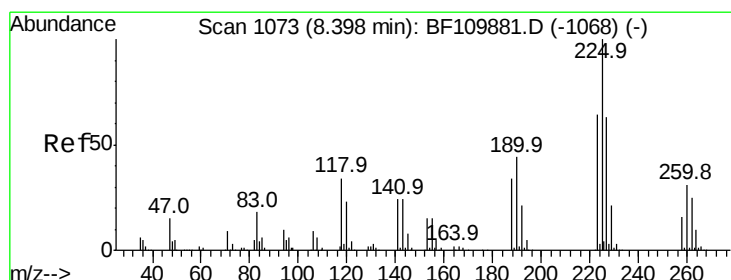
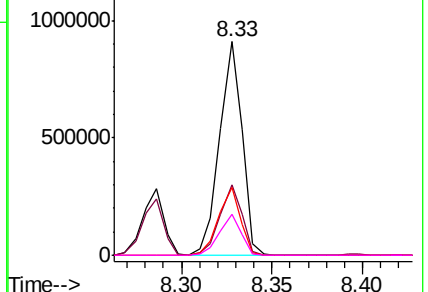
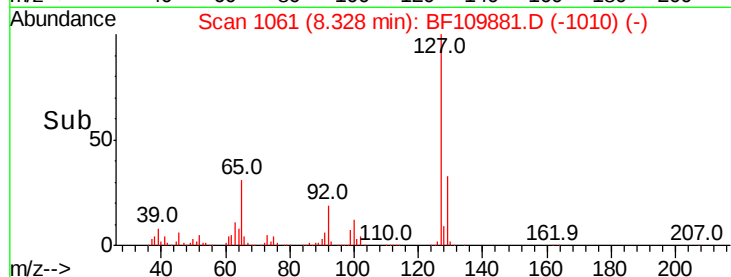


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.919 ng

RT: 8.40 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

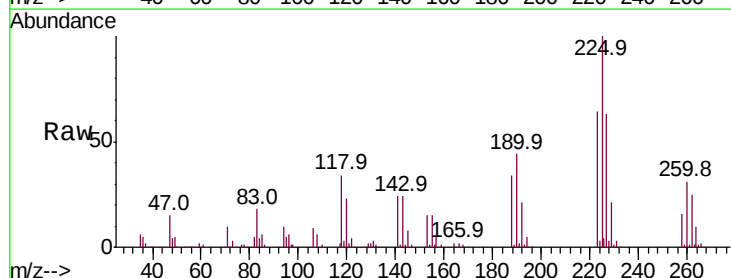
Tgt Ion:225 Resp: 321961

Ion Ratio Lower Upper

225 100

223 63.9 51.4 77.2

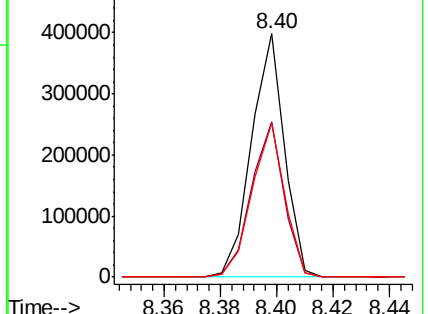
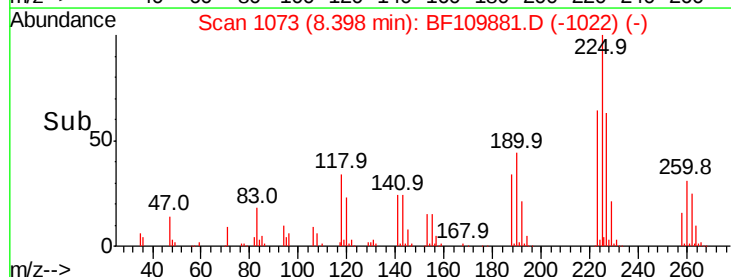
227 63.5 51.0 76.6

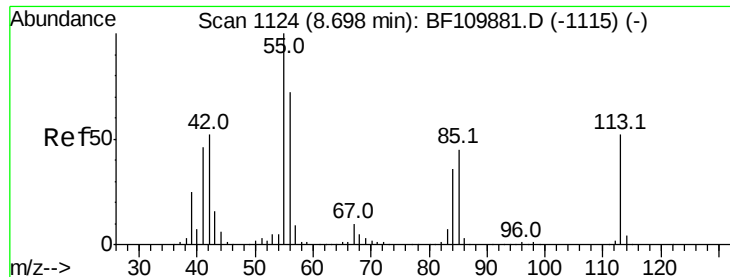


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

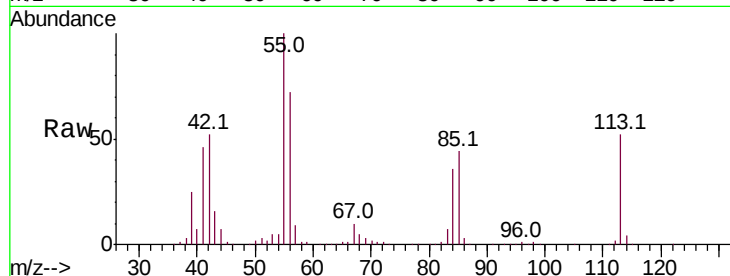




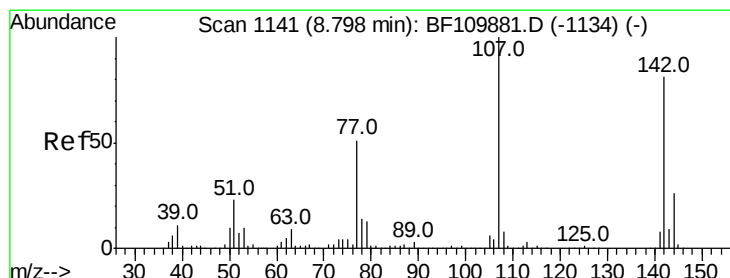
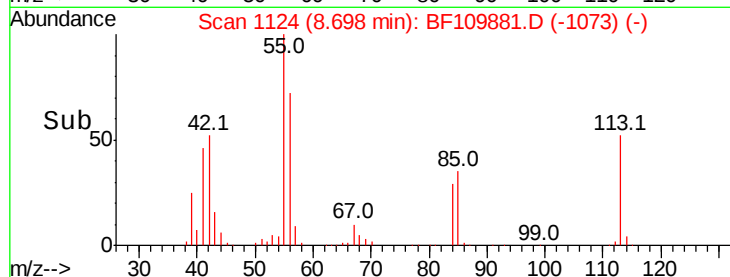
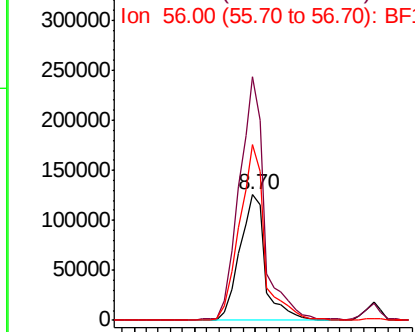
#35
 Caprolactam
 Concen: 45.309 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 186601
 Ion Ratio Lower Upper
 113 100
 55 193.8 142.8 182.8#
 56 139.6 105.0 145.0

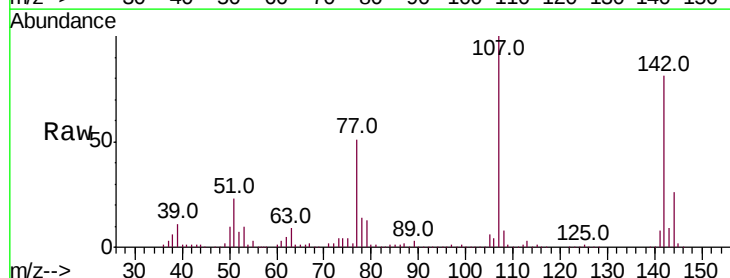


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

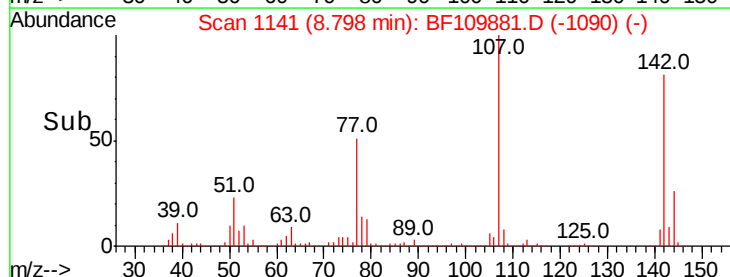
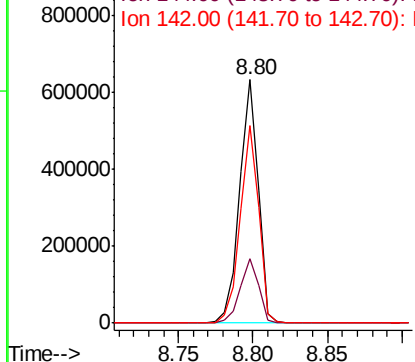


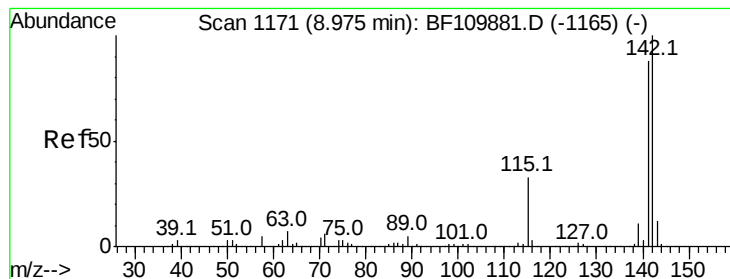
#36
 4-Chloro-3-methylphenol
 Concen: 38.128 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:107 Resp: 555023
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.0 30.0
 142 81.1 59.7 89.5



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





#37

2-Methylnaphthalene

Concen: 38.814 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

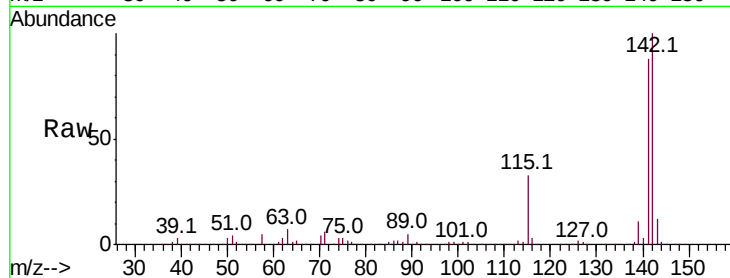
Tot Ion:142 Resp: 1133778

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2

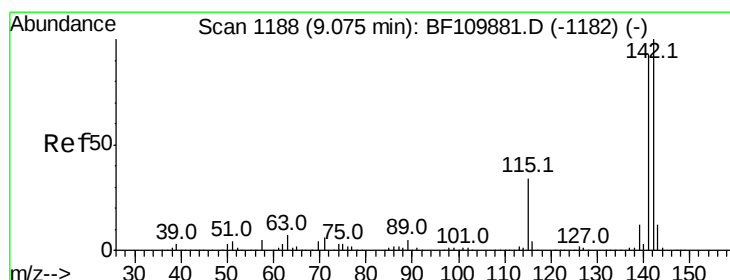
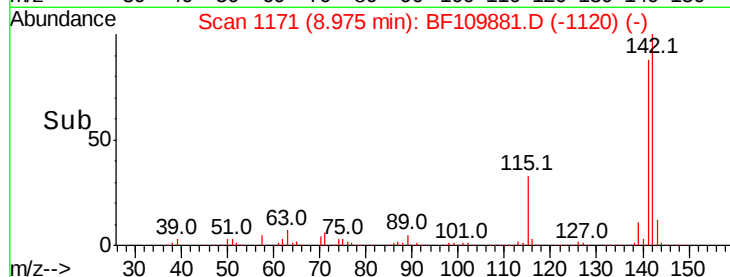
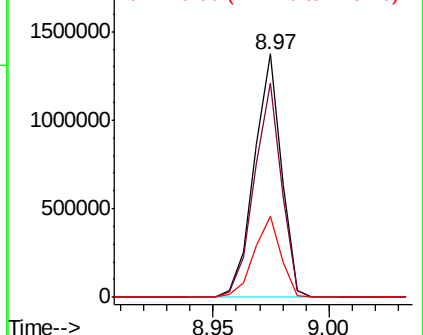
115 33.4 28.7 43.1



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: 37.450 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

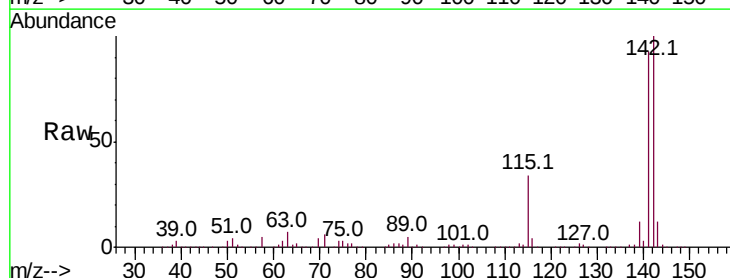
Tgt Ion:142 Resp: 1087539

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4

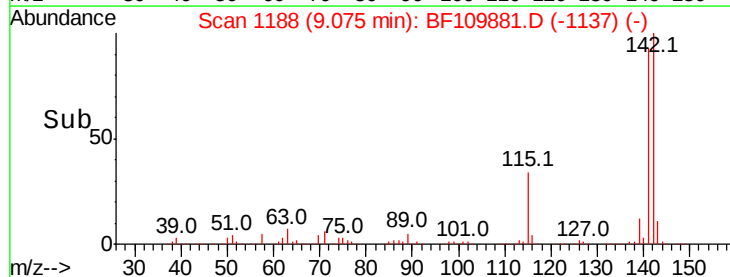
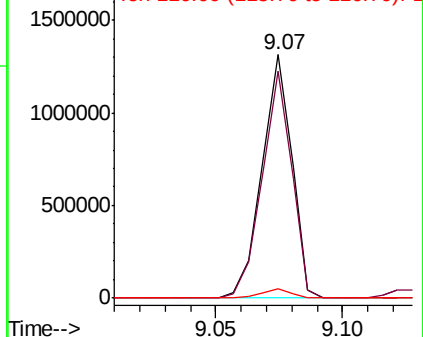
116 3.7 2.6 4.0

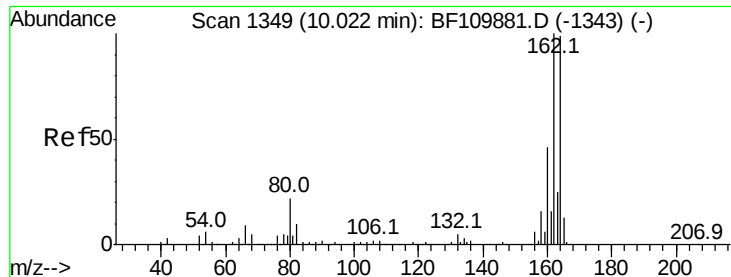


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

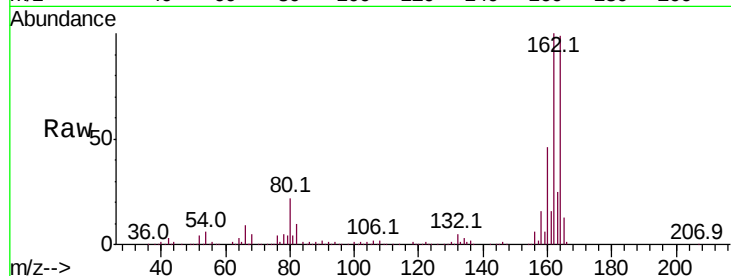




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	46.1	37.0	55.6

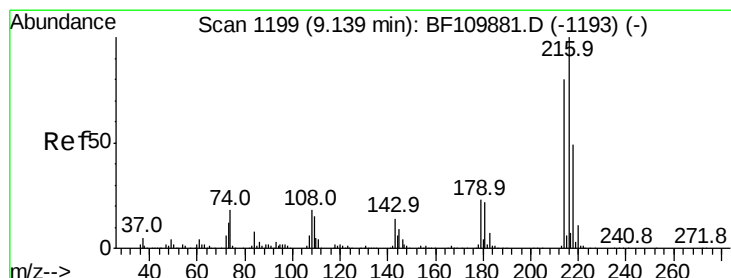
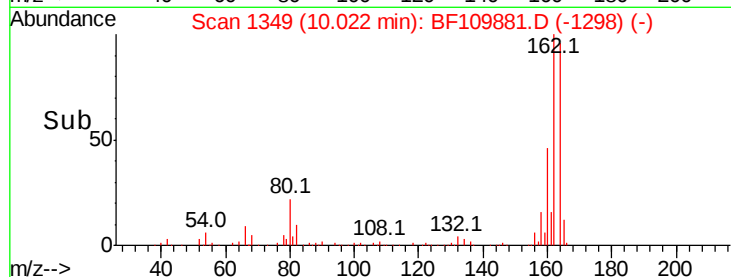
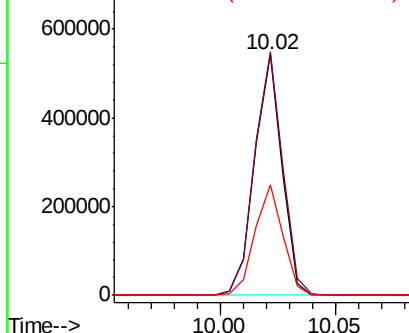


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.710 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.7	16.6	25.0
108	20.6	15.1	22.7

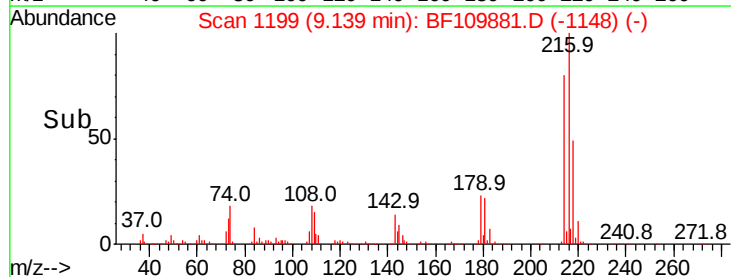
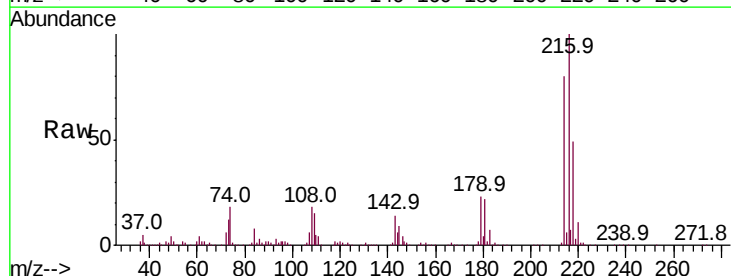
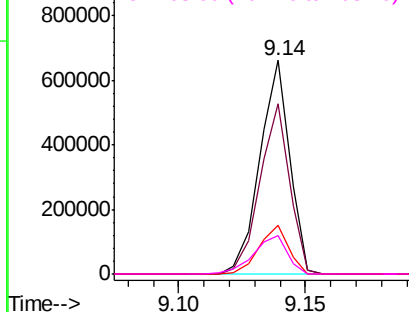
Abundance

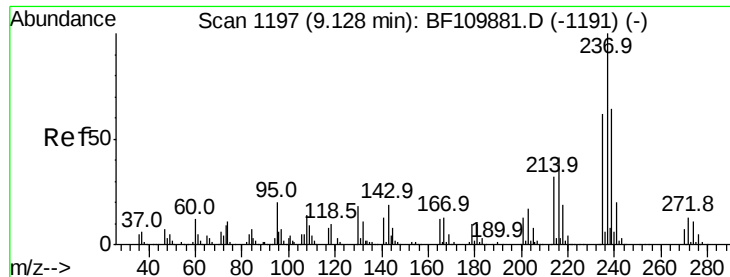
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.671 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

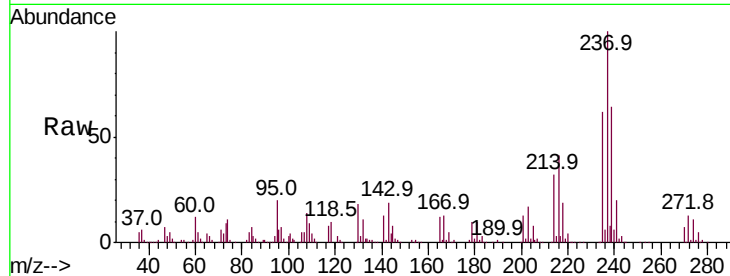
Tot Ion:237 Resp: 277015

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

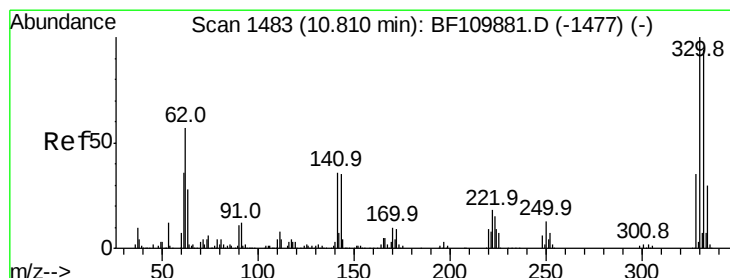
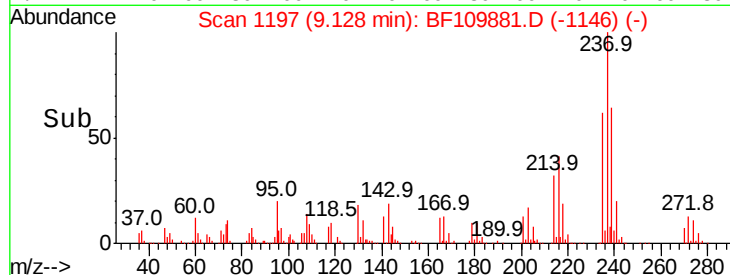
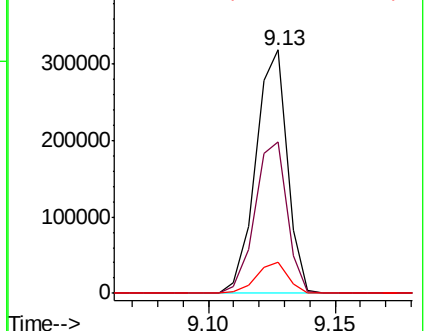
272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 66.499 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

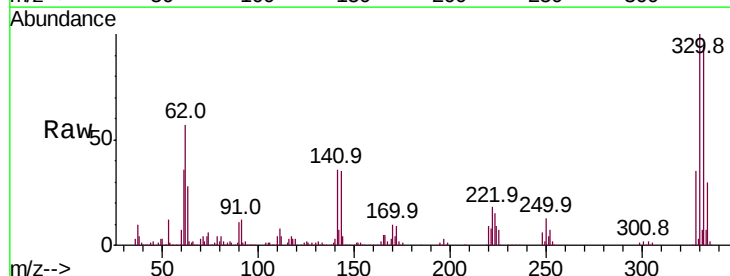
Tgt Ion:330 Resp: 325309

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

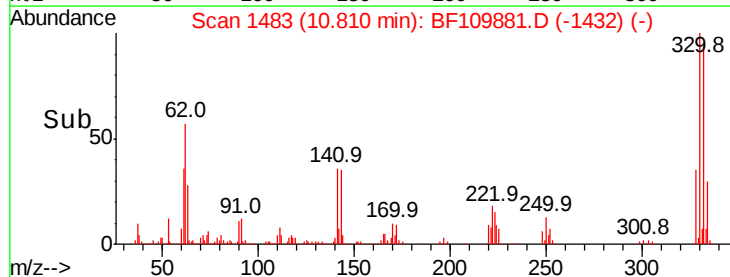
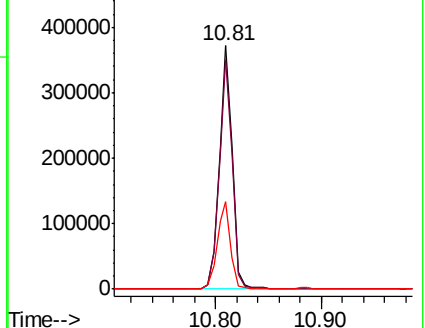
141 36.9 27.0 40.4

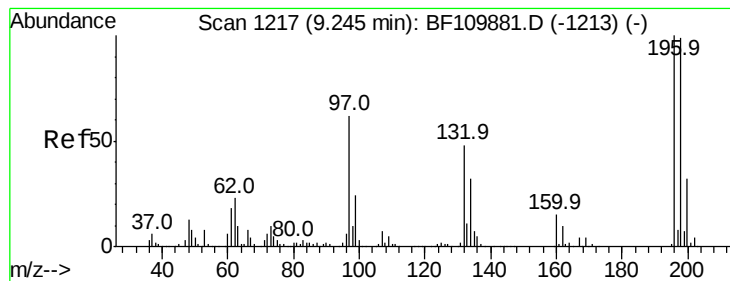


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.672 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampled :

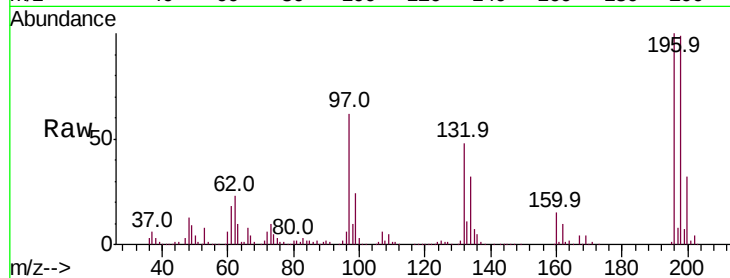
Tot Ion:196 Resp: 353310

Ion Ratio Lower Upper

196 100

198 99.2 76.2 114.4

200 31.6 24.4 36.6

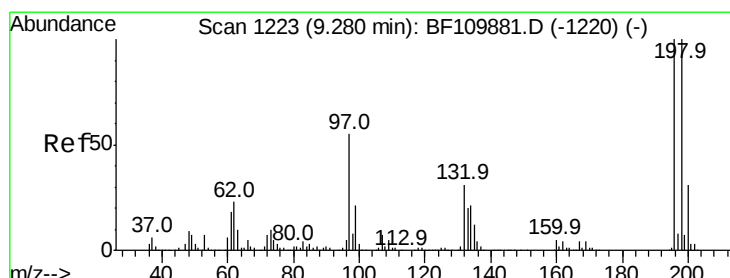
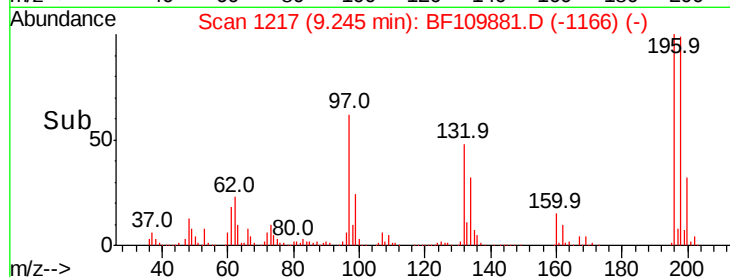
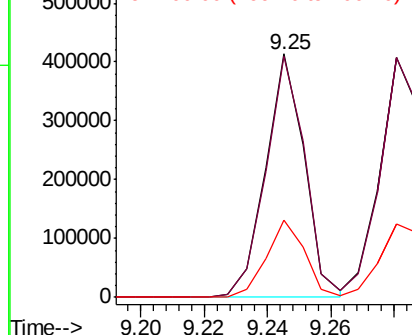


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.416 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:196 Resp: 372026

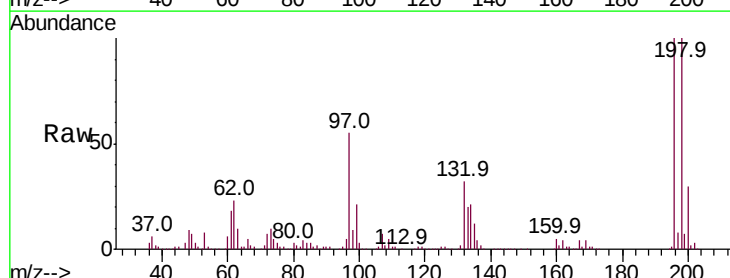
Ion Ratio Lower Upper

196 100

198 100.3 75.8 113.6

97 55.3 42.4 63.6

132 31.6 22.8 34.2



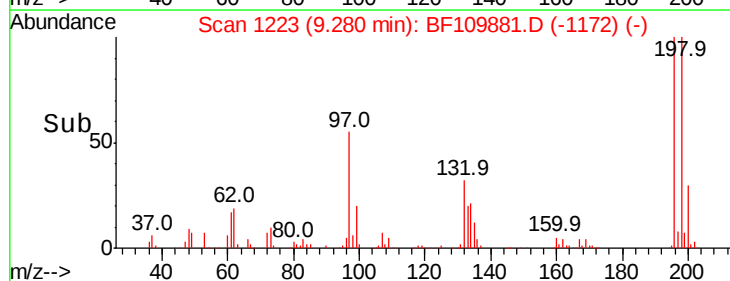
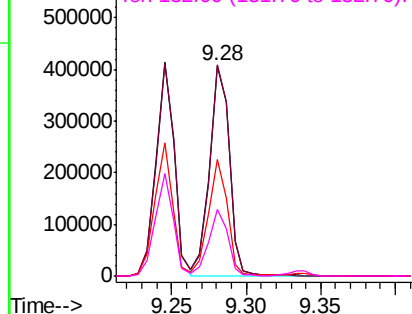
Abundance

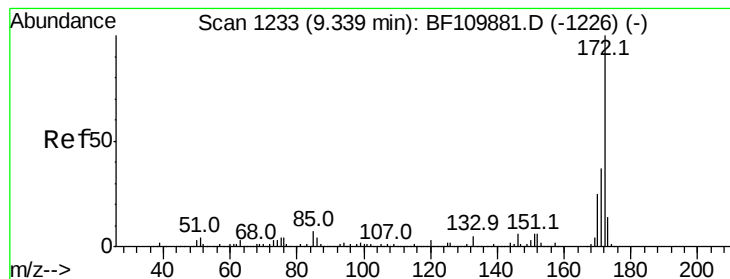
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 65.743 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampled :

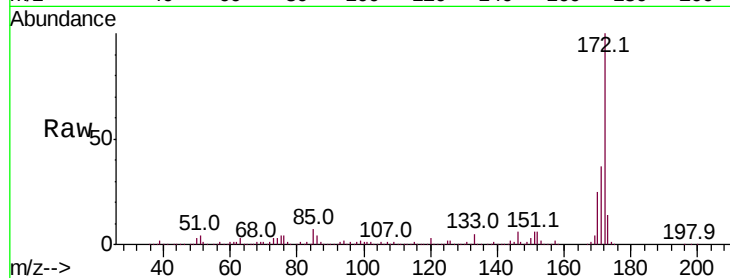
Tot Ion:172 Resp: 2143116

Ion Ratio Lower Upper

172 100

171 37.2 28.6 43.0

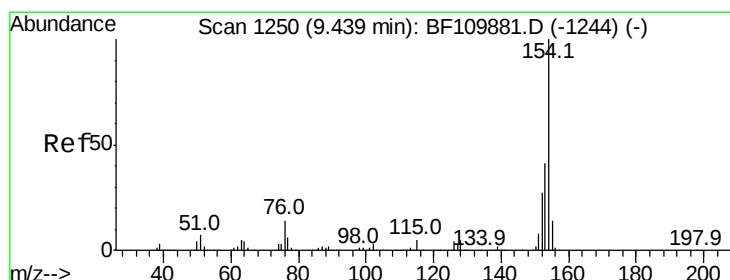
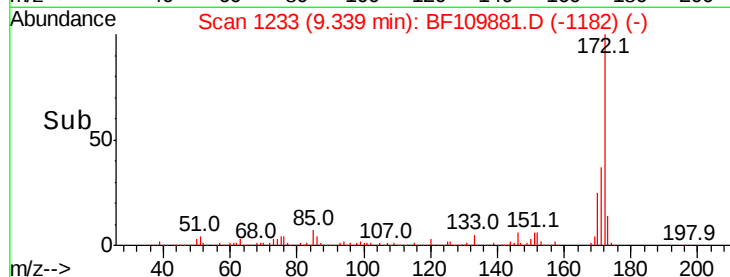
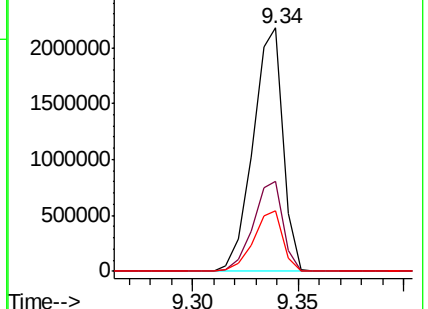
170 25.1 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.076 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

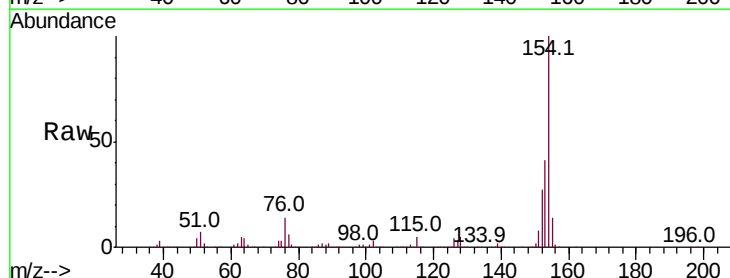
Tgt Ion:154 Resp: 1567258

Ion Ratio Lower Upper

154 100

153 41.1 20.4 60.4

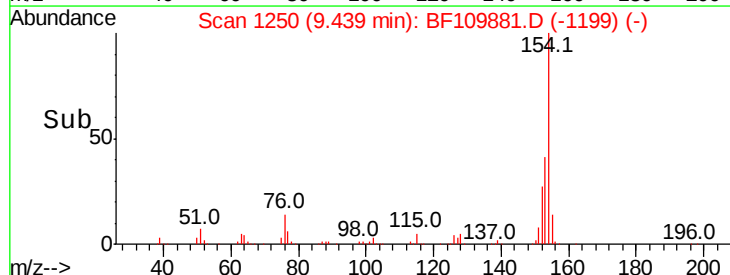
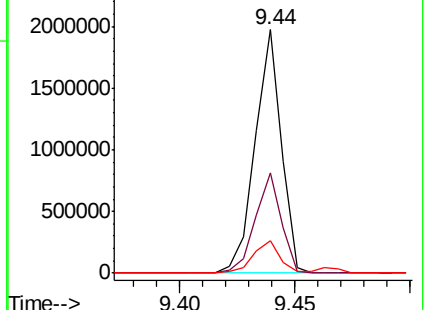
76 13.5 0.0 31.9

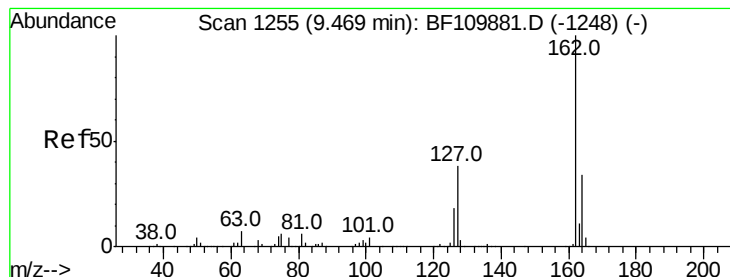


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.371 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

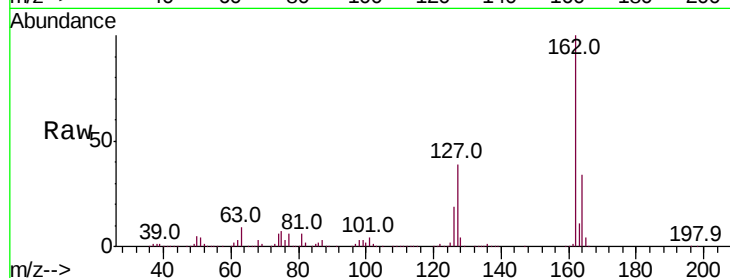
Tot Ion:162 Resp: 1152997

Ion Ratio Lower Upper

162 100

127 39.2 32.6 48.8

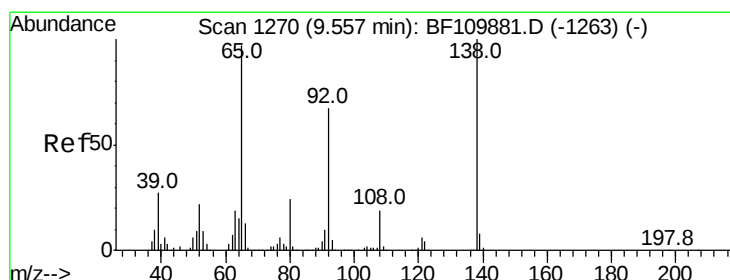
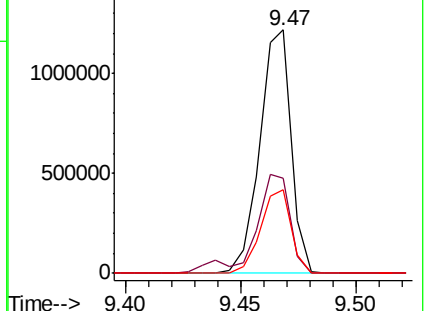
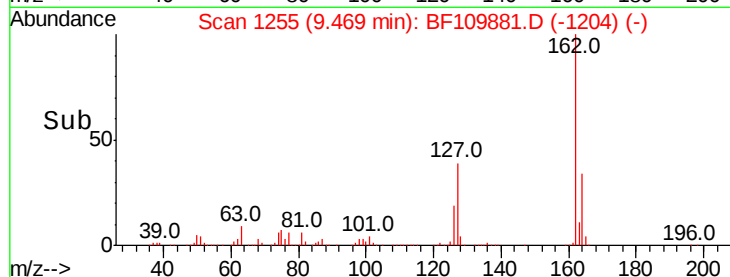
164 34.1 25.9 38.9



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: 34.579 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

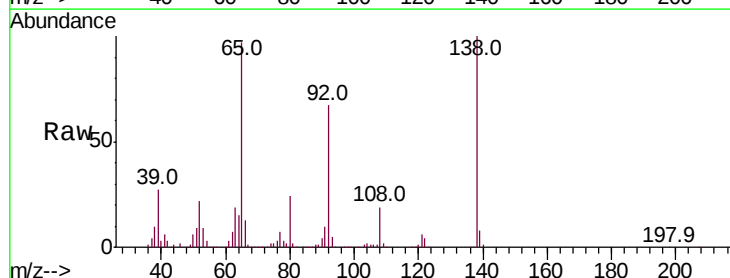
Tgt Ion: 65 Resp: 314622

Ion Ratio Lower Upper

65 100

92 68.7 54.6 81.8

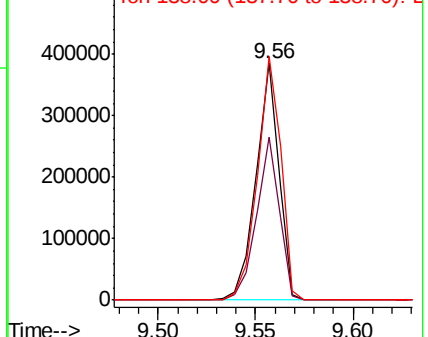
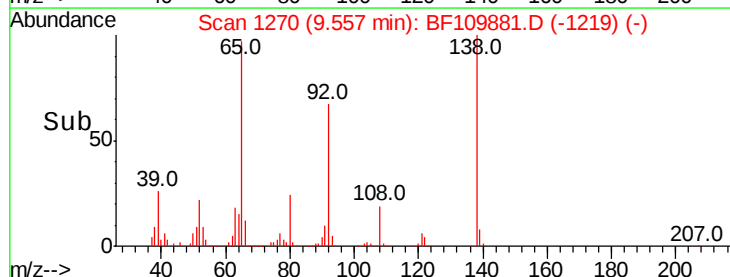
138 102.8 80.3 120.5

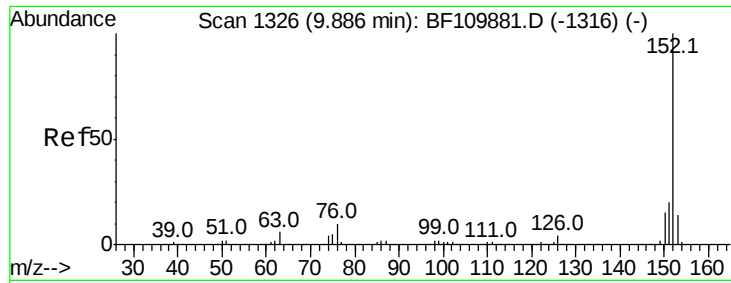


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.976 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

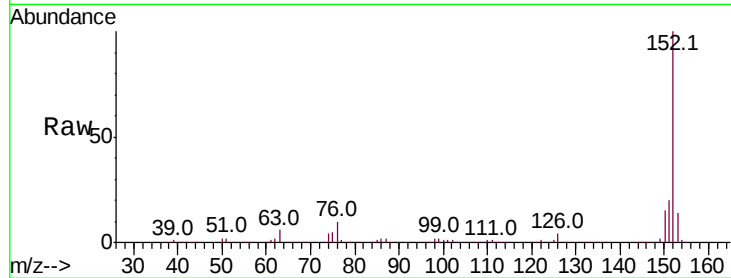
Tot Ion:152 Resp: 1707411

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

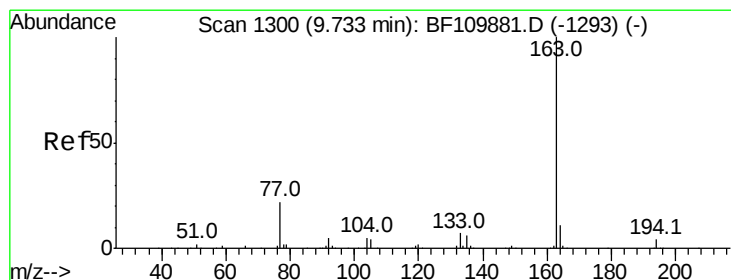
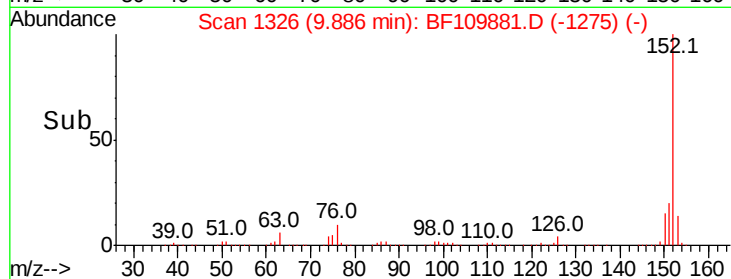
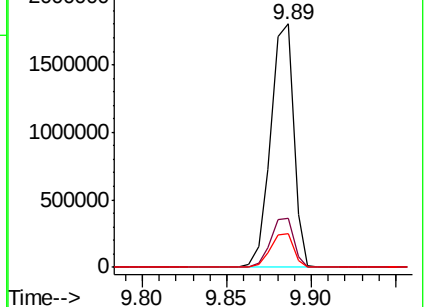
153 13.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.006 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

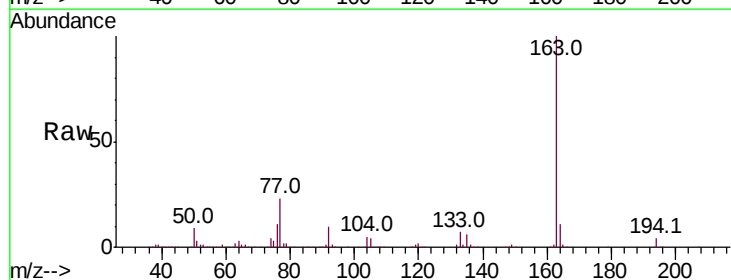
Tgt Ion:163 Resp: 1251429

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

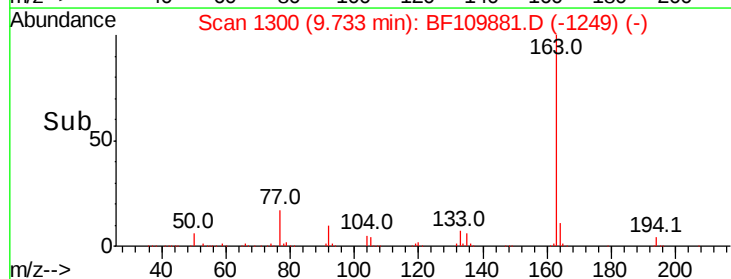
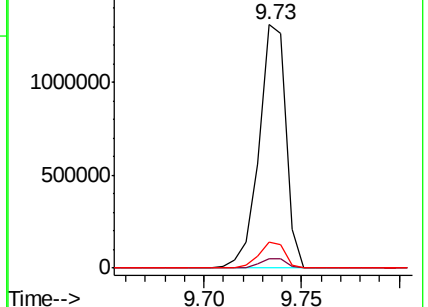
164 10.7 8.1 12.1

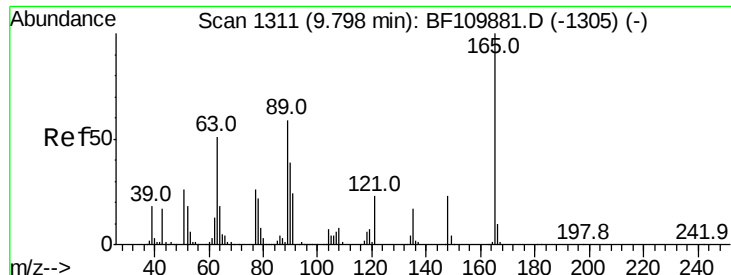


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

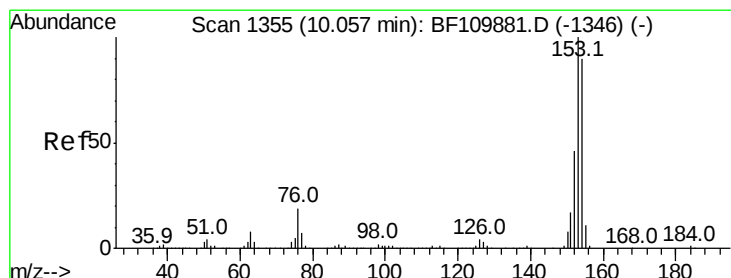
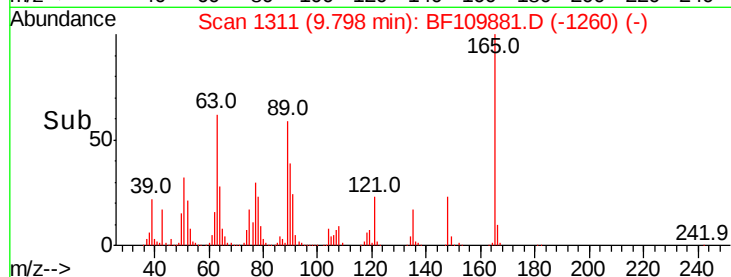
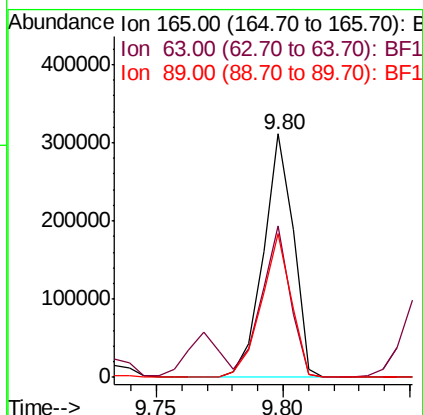
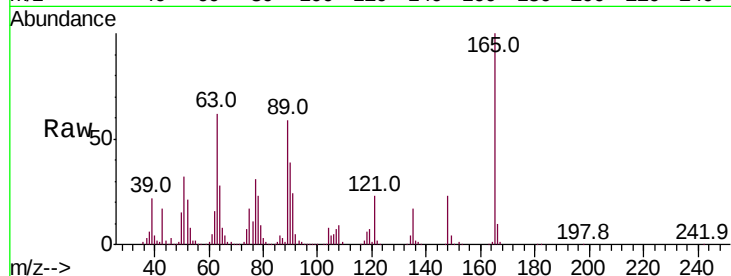




#51
 2,6-Dinitrotoluene
 Concen: 35.756 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

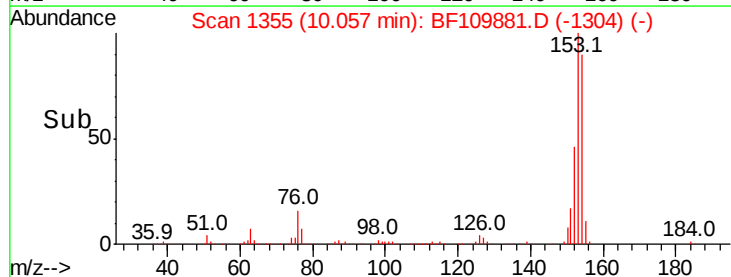
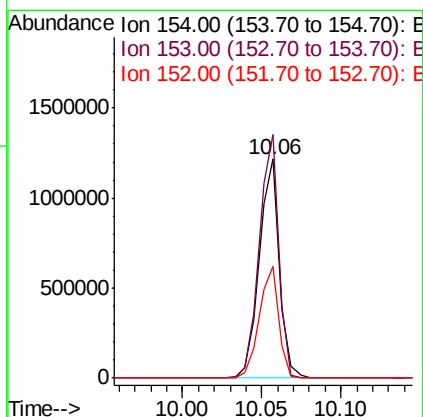
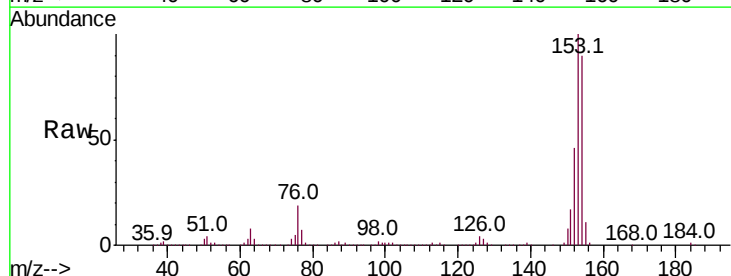
Instrument :
 BNA_F
 ClientSampleId :

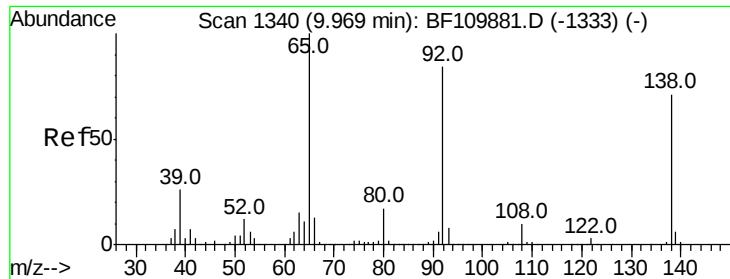
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	48.9	73.3
89	59.3	46.6	69.8



#52
 Acenaphthene
 Concen: 41.347 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.1	135.1
152	51.1	43.4	65.2

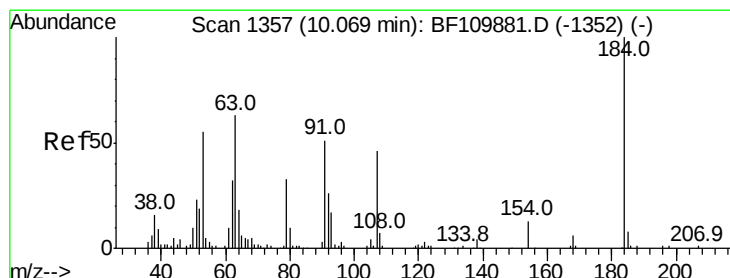
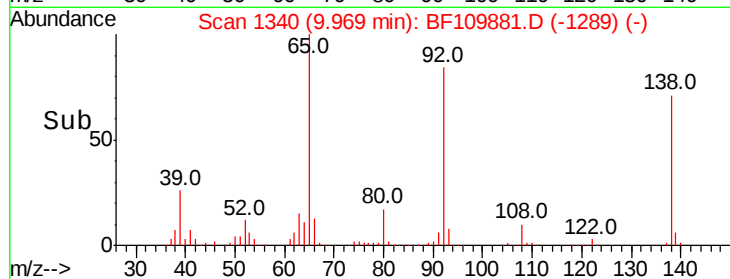
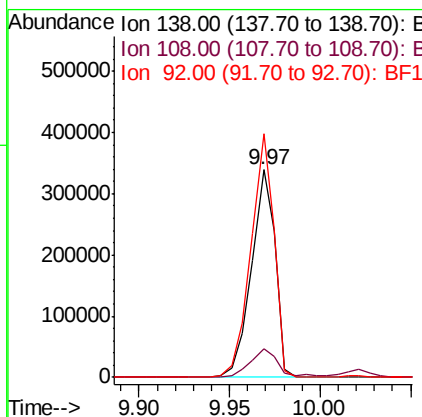
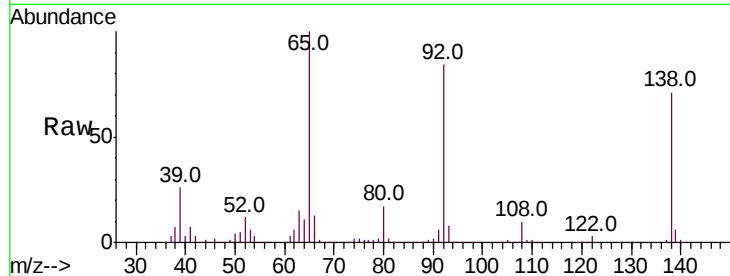




#53
 3-Nitroaniline
 Concen: 38.473 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

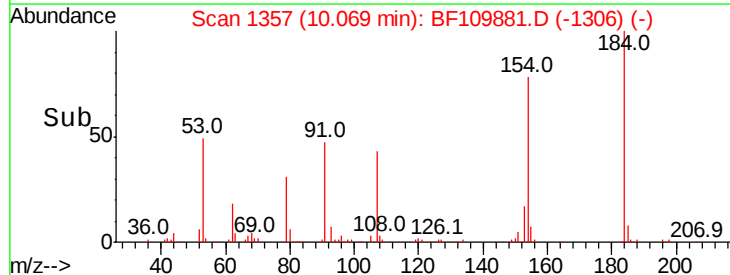
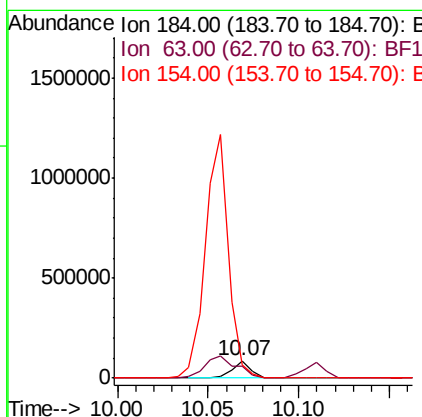
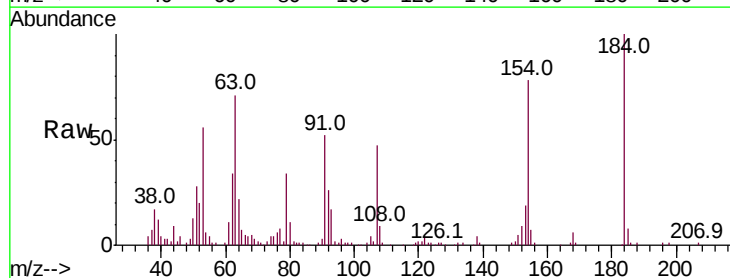
Instrument :
 BNA_F
 ClientSampleId :

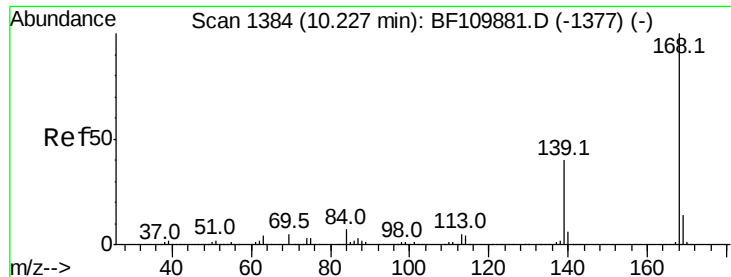
Tot Ion:138 Resp: 307815
 Ion Ratio Lower Upper
 138 100
 108 14.0 8.7 13.1#
 92 117.5 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 27.095 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:184 Resp: 62394
 Ion Ratio Lower Upper
 184 100
 63 70.6 55.8 83.6
 154 78.0 63.2 94.8

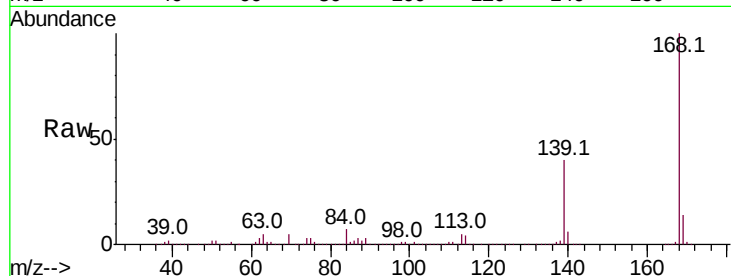




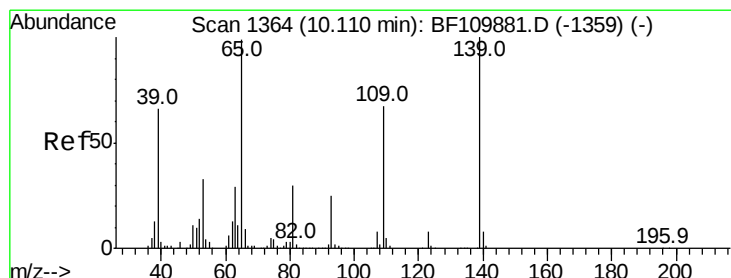
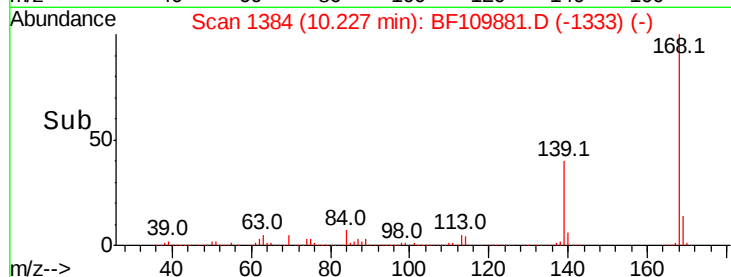
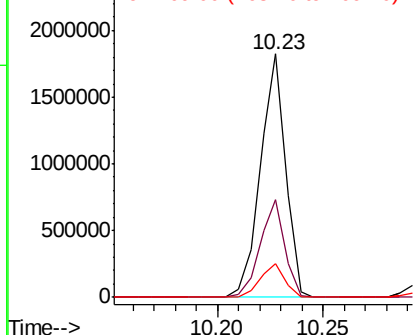
#55
Dibenzenofuran
Concen: 38.807 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1510639
Ion Ratio Lower Upper
168 100
139 40.2 33.0 49.6
169 14.1 11.3 16.9

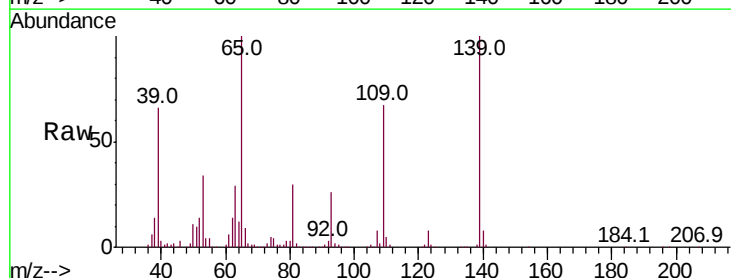


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

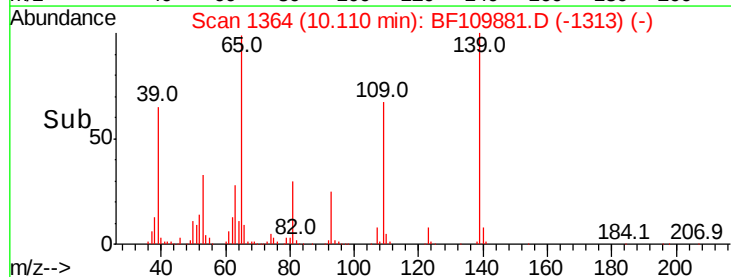
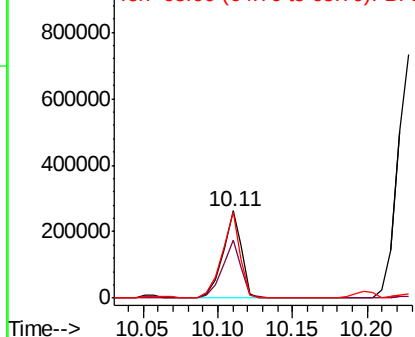


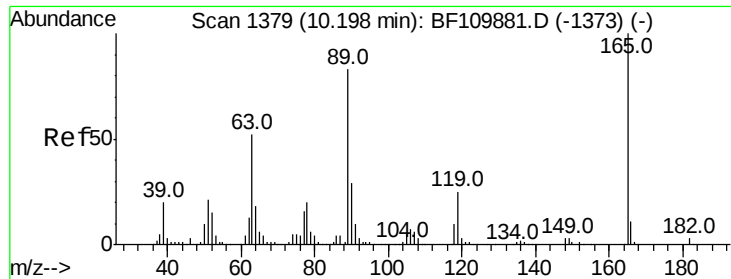
#56
4-Nitrophenol
Concen: 52.953 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:139 Resp: 231904
Ion Ratio Lower Upper
139 100
109 67.3 55.8 95.8
65 99.5 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

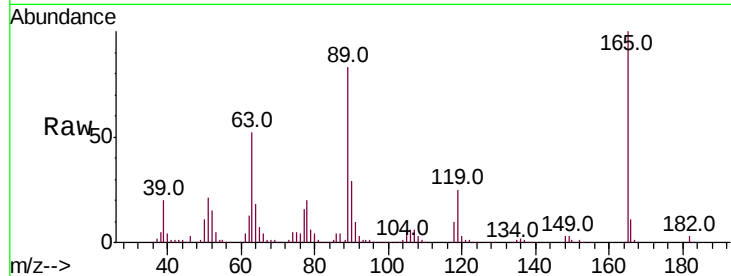




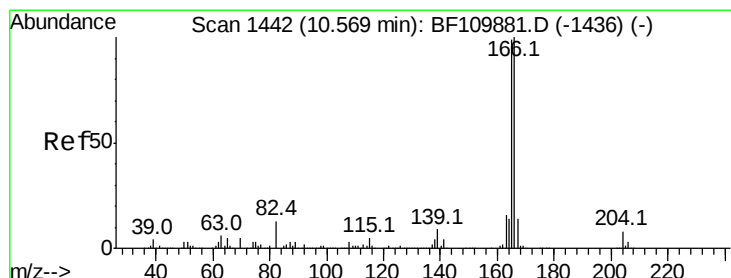
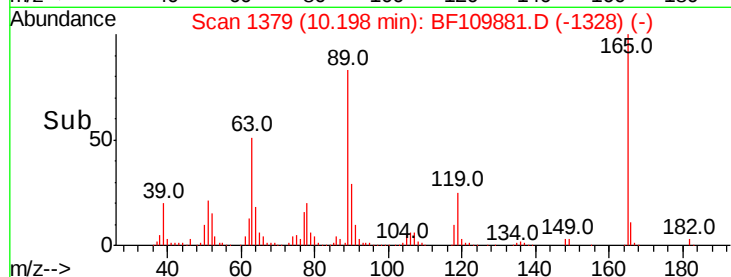
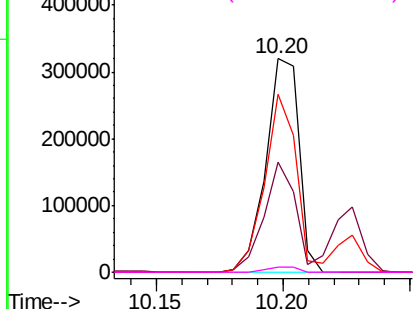
#57
2,4-Dinitrotoluene
Concen: 33.128 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 295079
Ion Ratio Lower Upper
165 100
63 51.7 44.8 67.2
89 83.2 62.2 93.4
182 2.6 2.1 3.1

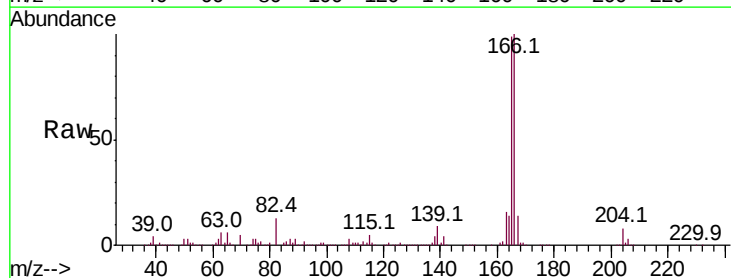


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

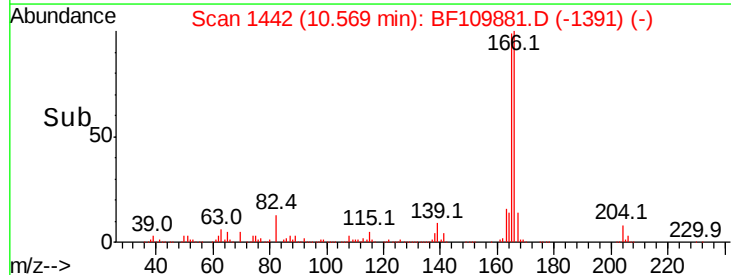
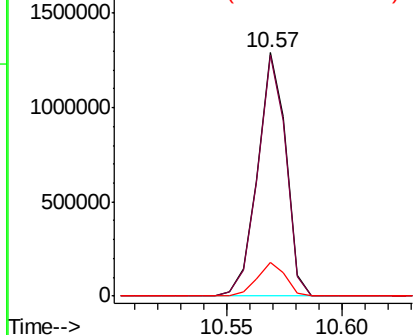


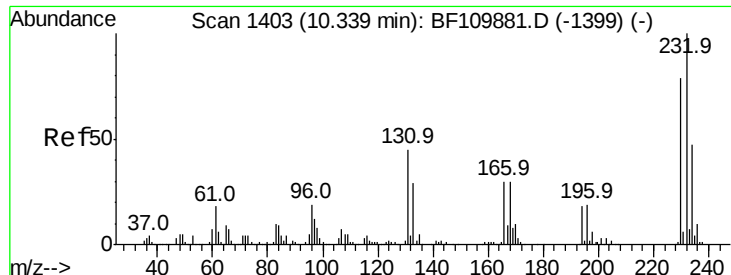
#58
Fluorene
Concen: 38.011 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:166 Resp: 1104968
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 13.8 10.8 16.2



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

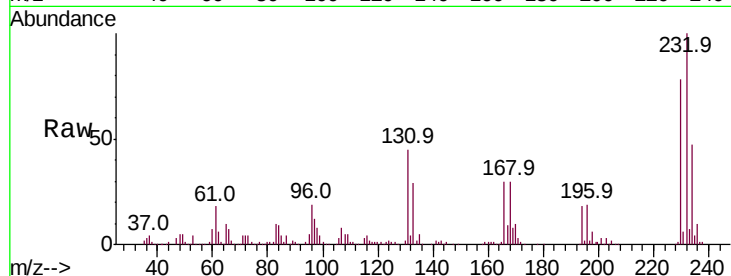




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.723 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.0	55.4
130	2.4	1.8	2.6
166	31.3	22.0	33.0



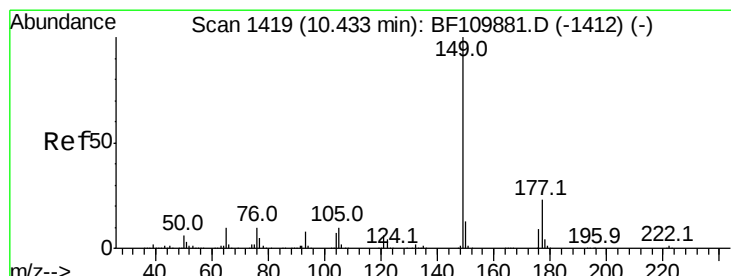
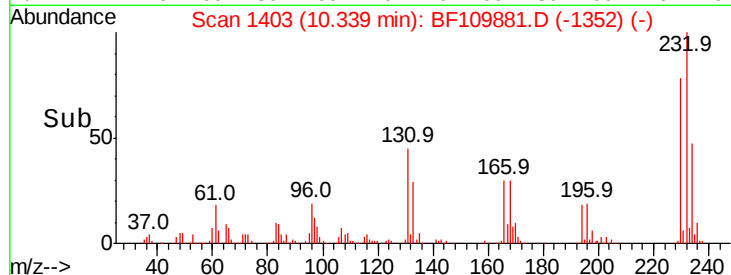
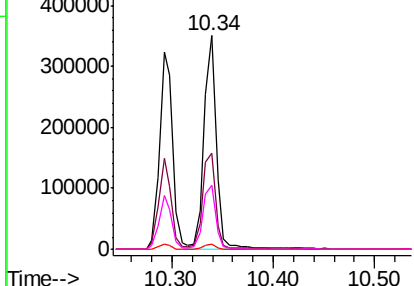
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

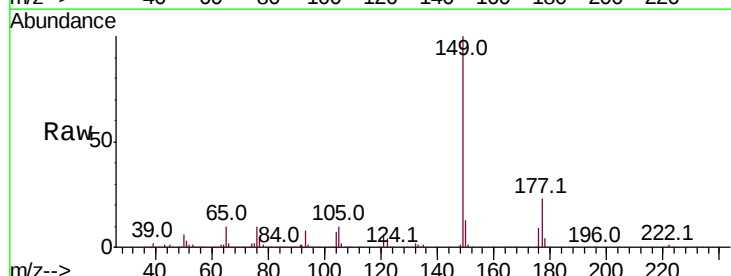
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.004 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	12.8	9.8	14.8

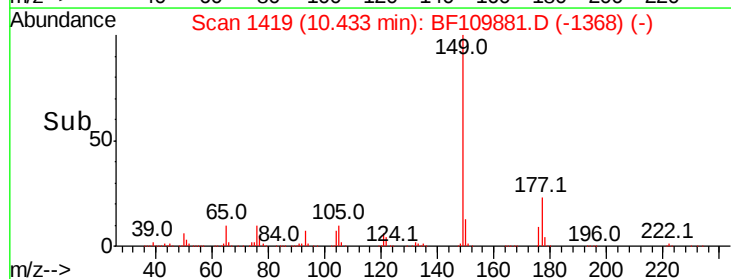
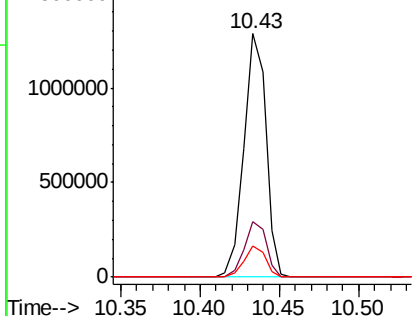


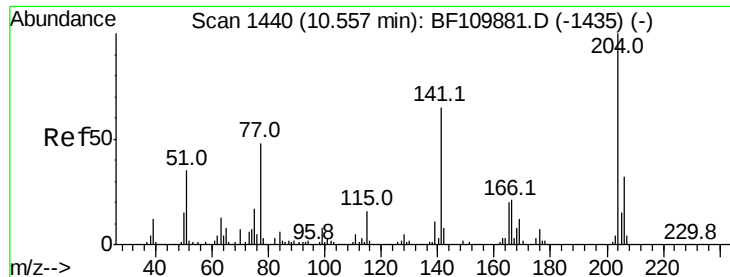
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

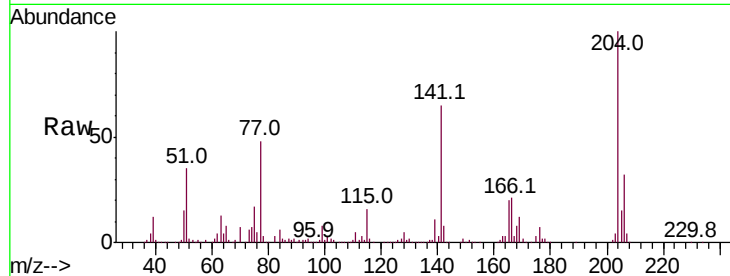




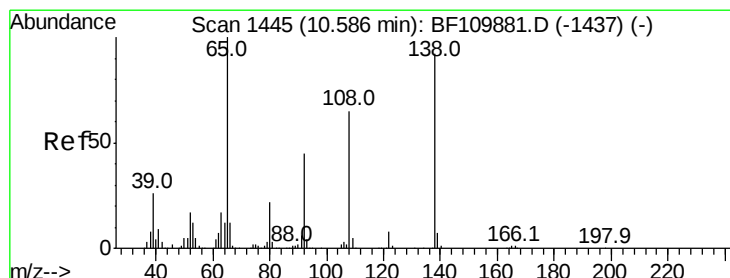
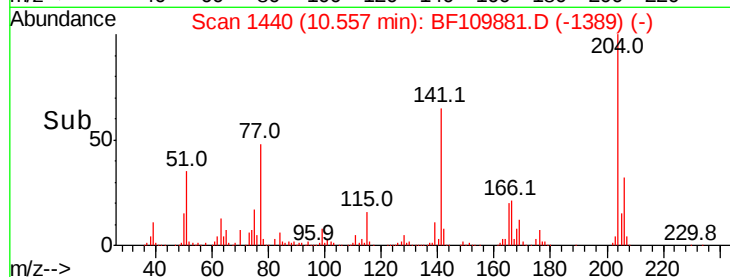
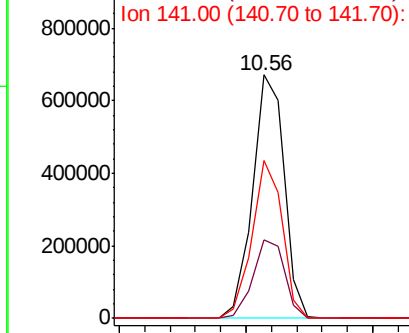
#61
4-Chlorophenyl-phenylether
Concen: 38.121 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 584629
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 64.6 51.8 77.8

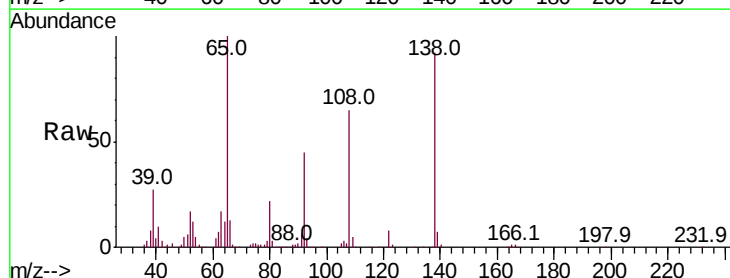


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

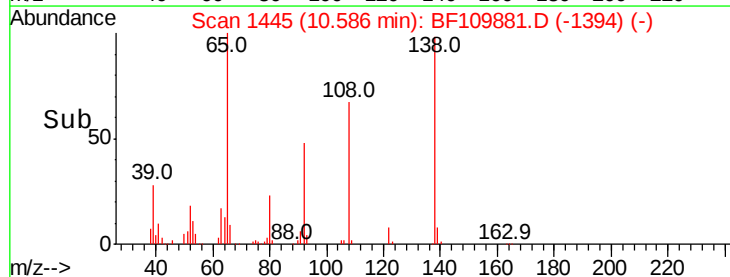
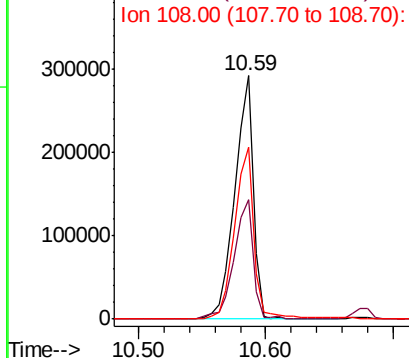


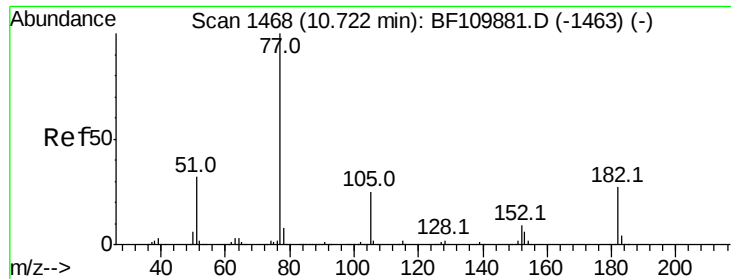
#62
4-Nitroaniline
Concen: 39.482 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:138 Resp: 292547
Ion Ratio Lower Upper
138 100
92 49.2 31.7 71.7
108 70.8 59.3 99.3



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

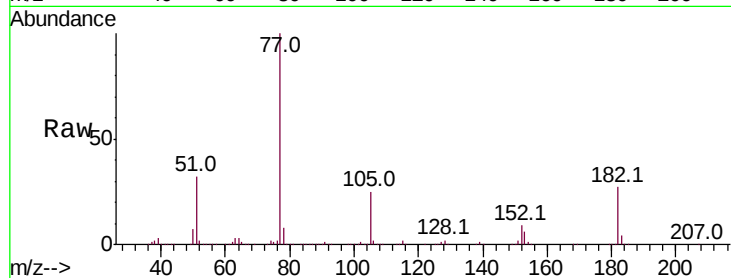




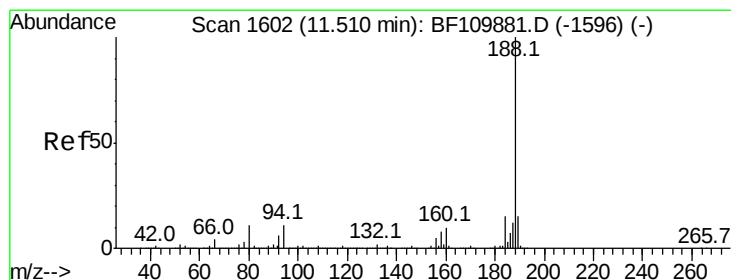
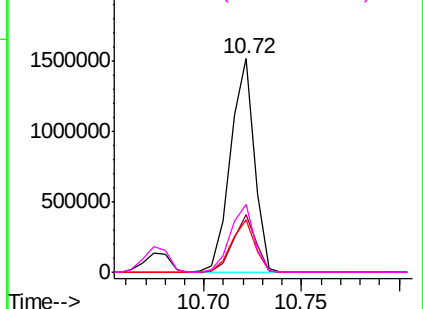
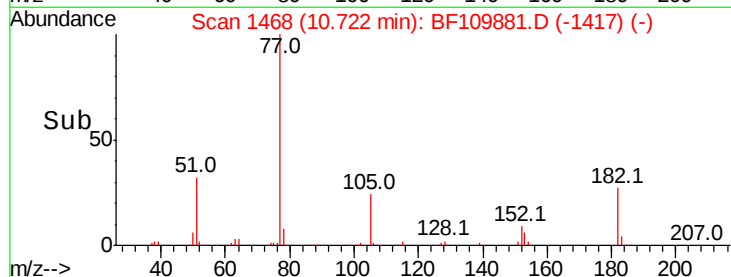
#63
Azobenzene
Concen: 38.761 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1284159
Ion Ratio Lower Upper
77 100
182 26.9 4.3 44.3
105 24.7 1.3 41.3
51 31.8 9.0 49.0

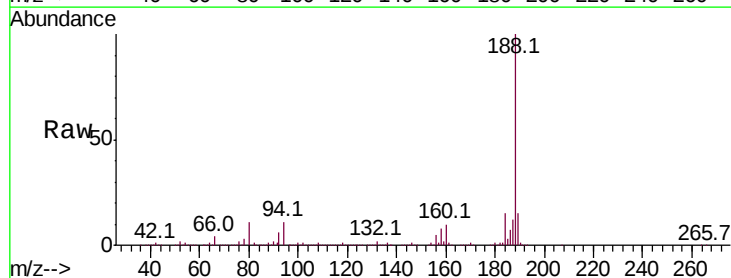


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

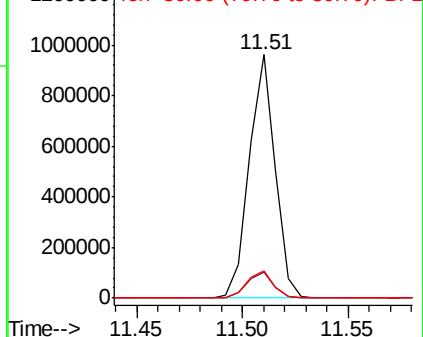
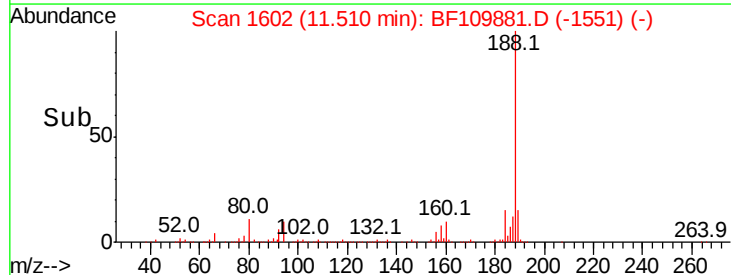


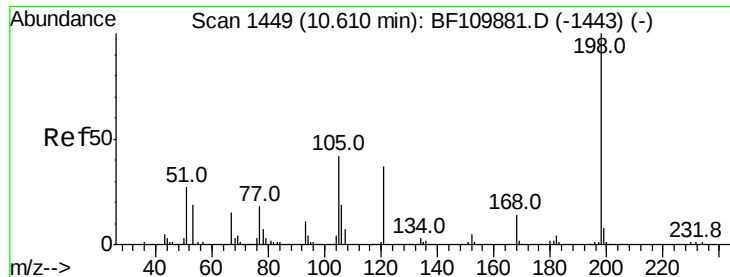
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion: 188 Resp: 818722
Ion Ratio Lower Upper
188 100
94 10.5 7.2 10.8
80 11.3 7.9 11.9



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

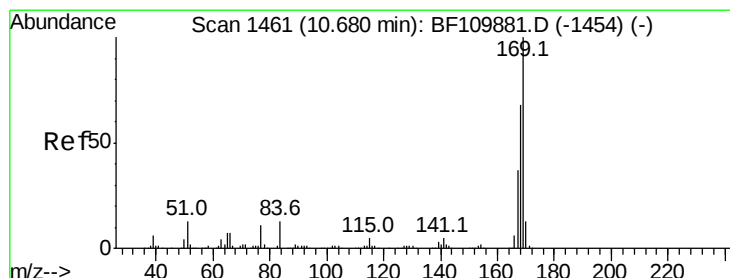
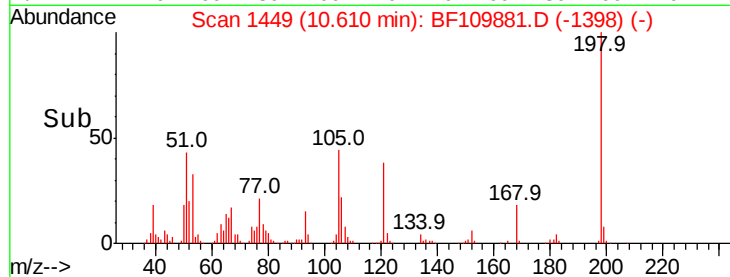
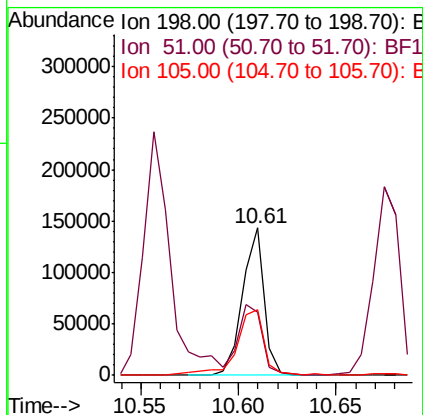
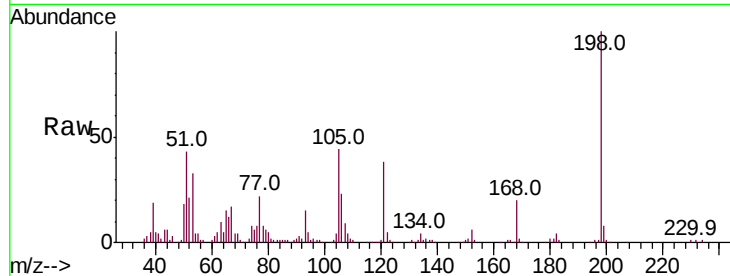




#65
4,6-Dinitro-2-methylphenol
Concen: 27.539 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

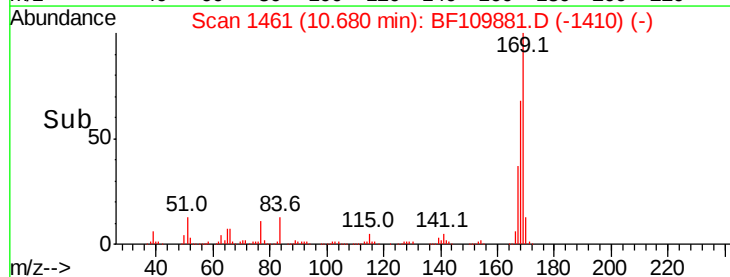
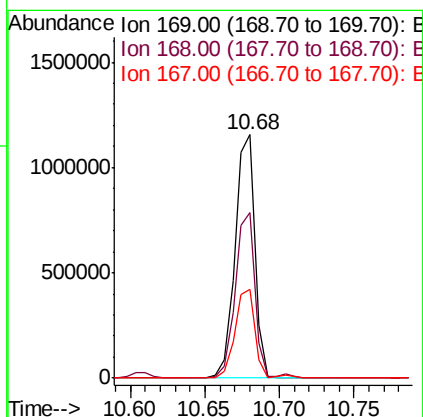
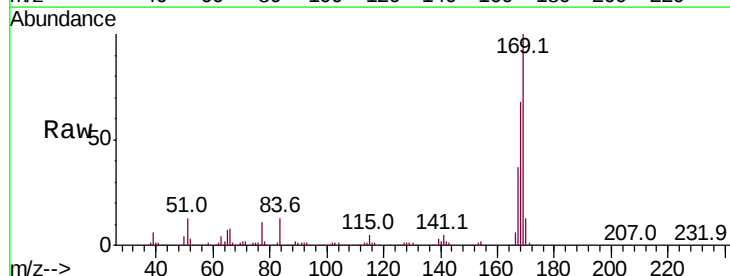
Instrument :
BNA_F
ClientSampleId :

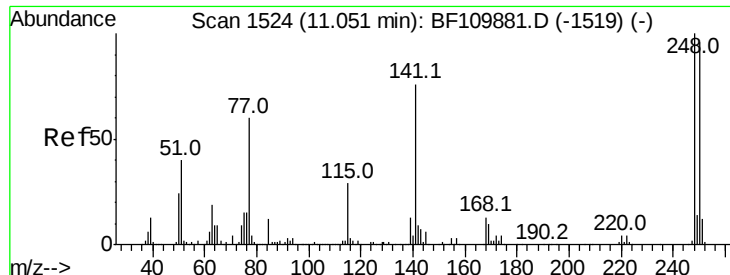
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.1	22.8	62.8
105	44.4	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 38.942 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	51.2	76.8
167	36.7	27.8	41.6

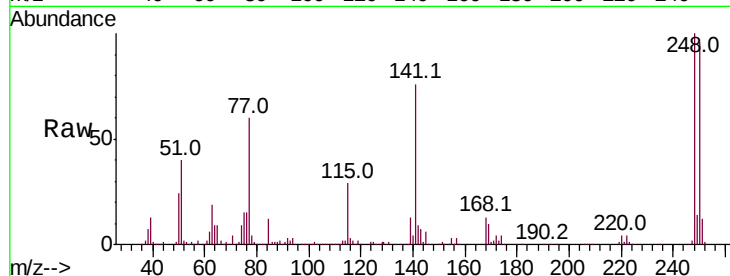




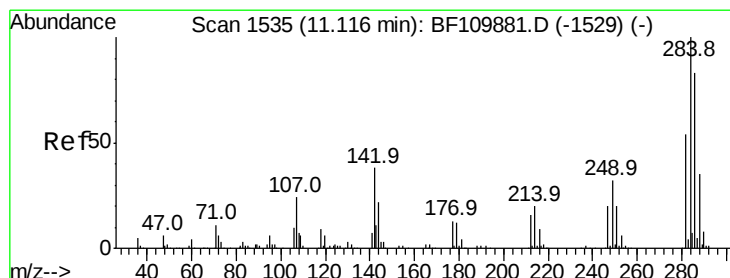
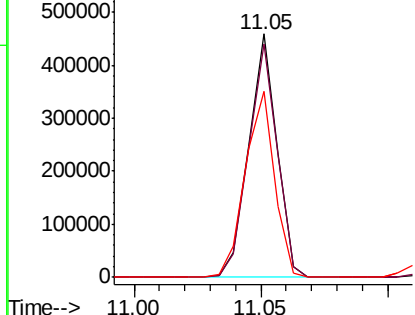
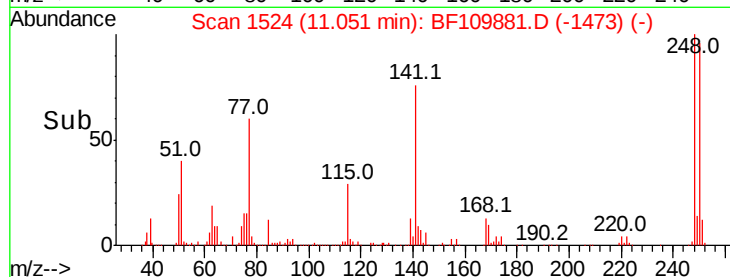
#67
4-Bromophenyl-phenylether
Concen: 37.999 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 357469
Ion Ratio Lower Upper
248 100
250 96.0 79.4 119.2
141 76.5 55.9 83.9

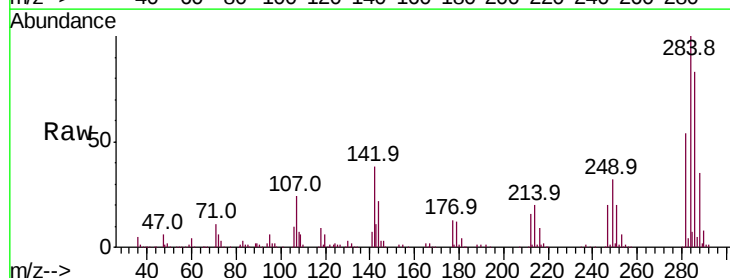


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

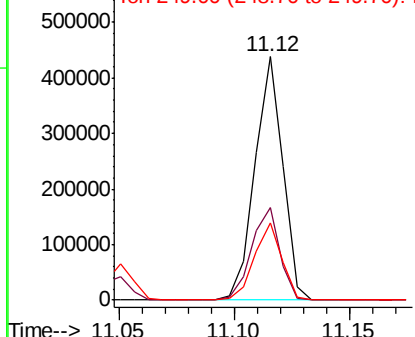
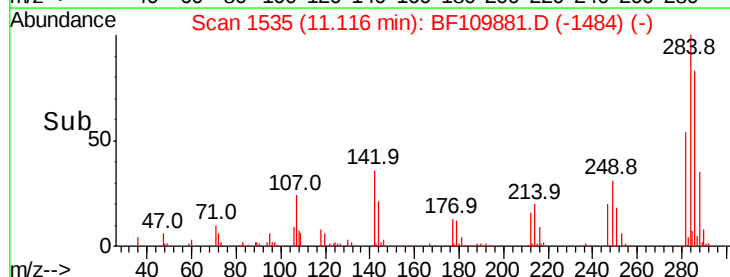


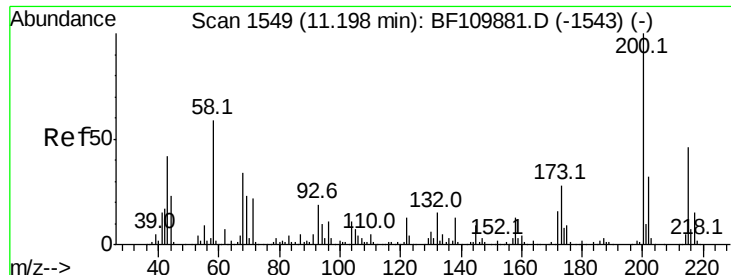
#68
Hexachlorobenzene
Concen: 36.362 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:284 Resp: 370406
Ion Ratio Lower Upper
284 100
142 37.9 23.9 35.9#
249 31.6 24.2 36.2



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

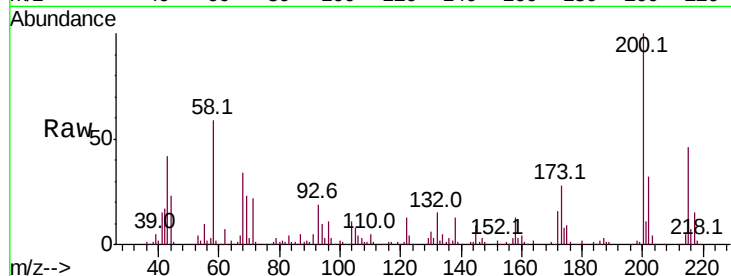




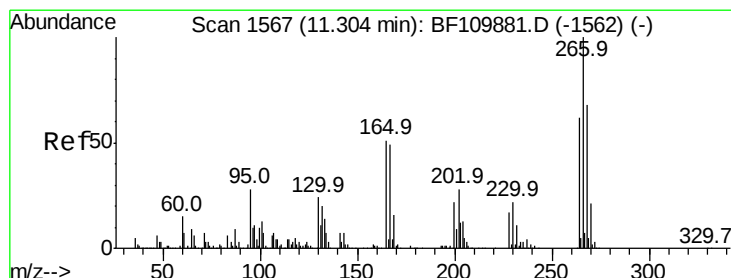
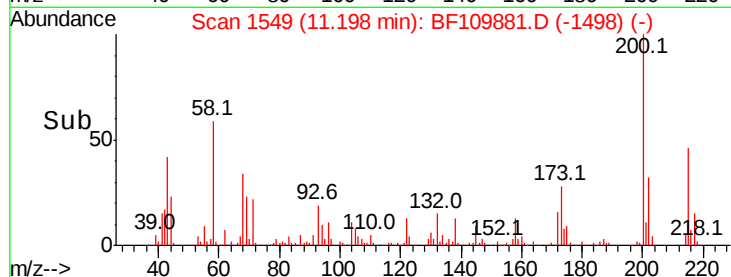
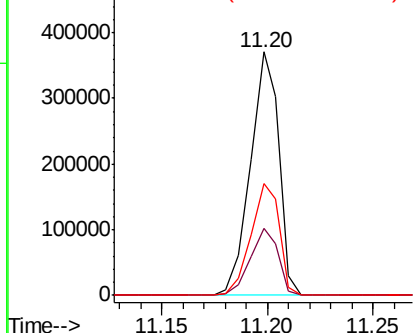
#69
Atrazine
Concen: 40.010 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 346556
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 45.7 26.3 66.3

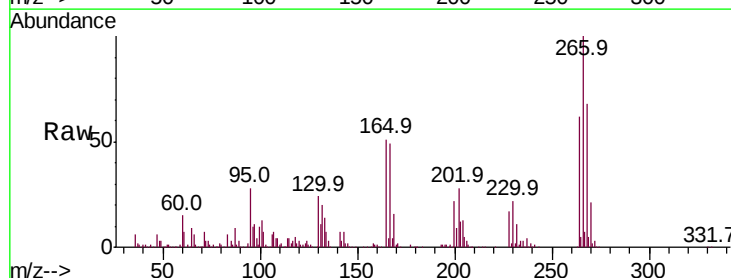


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

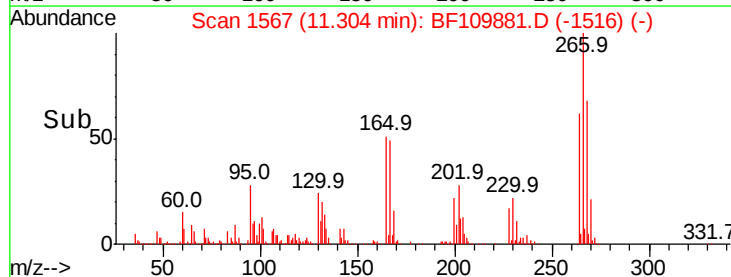
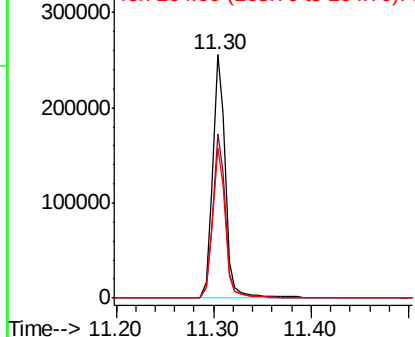


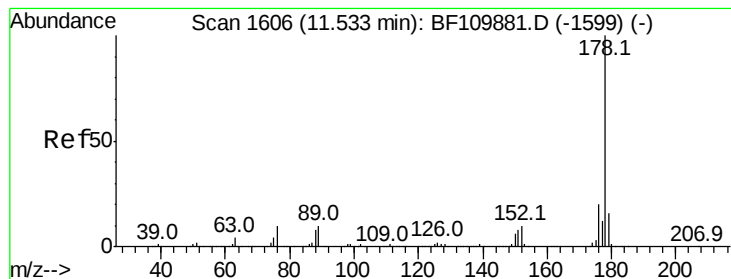
#70
Pentachlorophenol
Concen: 40.521 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:266 Resp: 232268
Ion Ratio Lower Upper
266 100
268 67.7 50.6 75.8
264 61.7 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.771 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

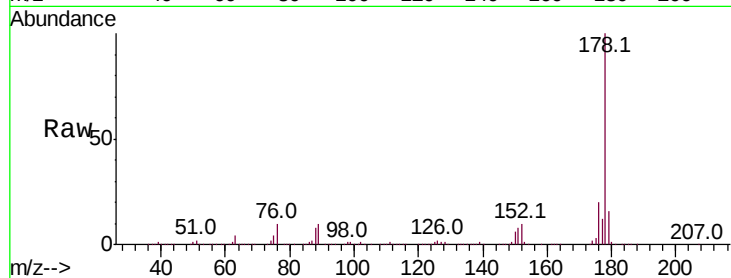
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 1670488

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.3	12.5	18.7

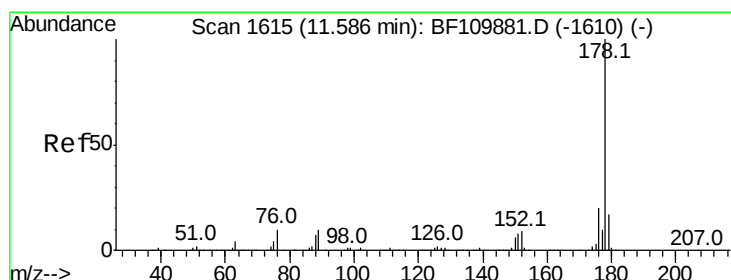
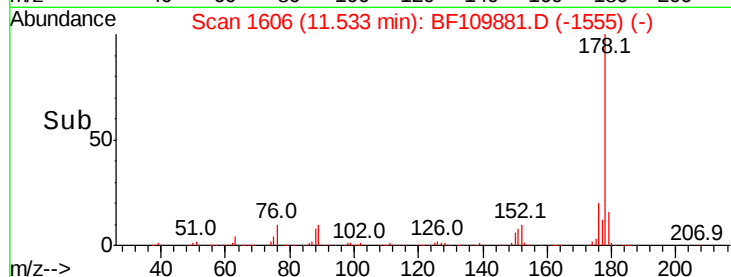
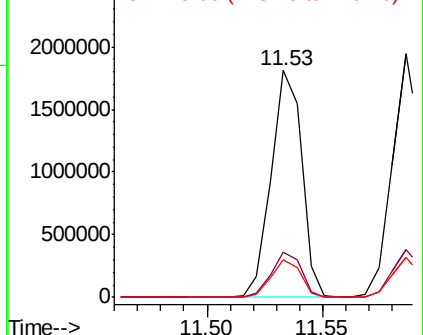


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.628 ng

RT: 11.59 min Scan# 1615

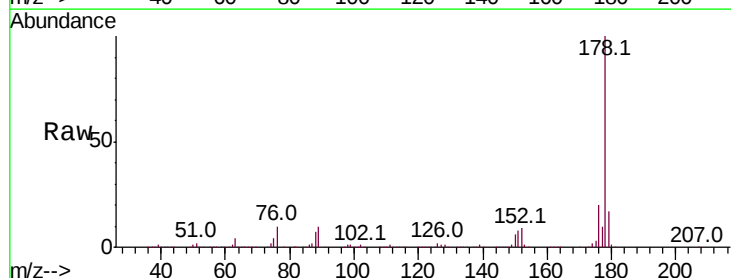
Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:178 Resp: 1678388

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.6	12.6	18.8

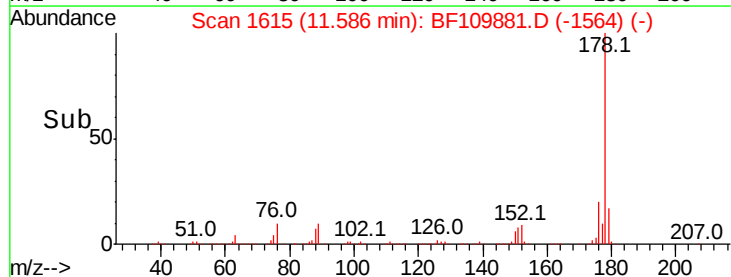
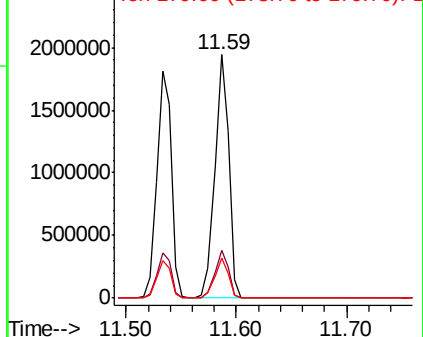


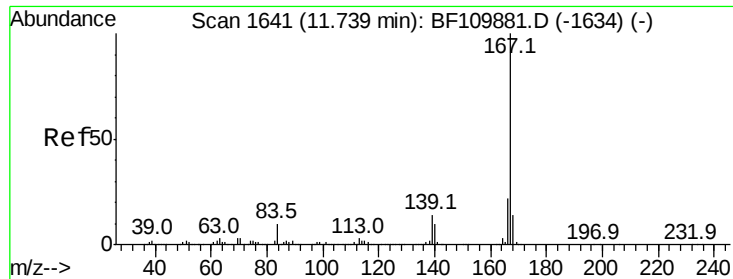
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

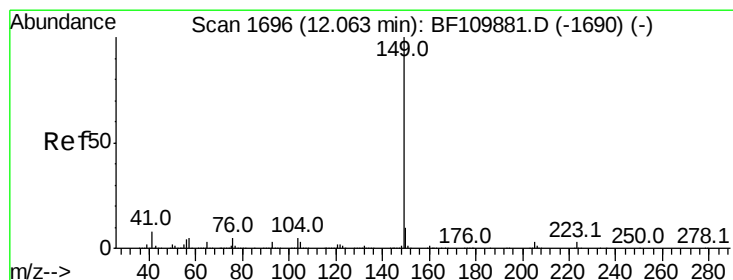
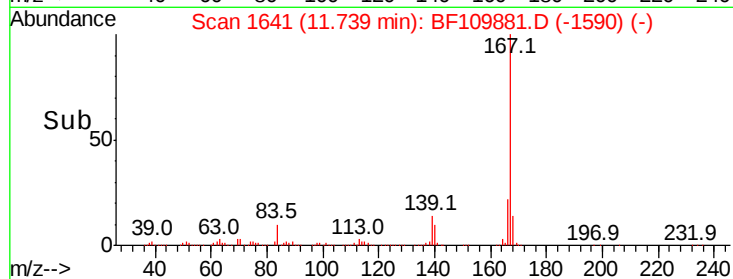
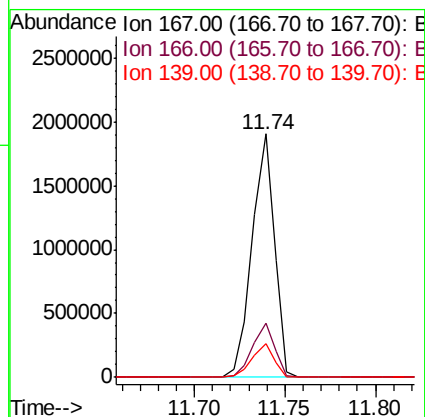
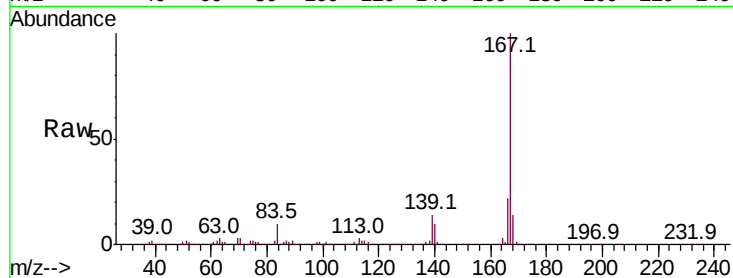




#73
 Carbazole
 Concen: 39.984 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

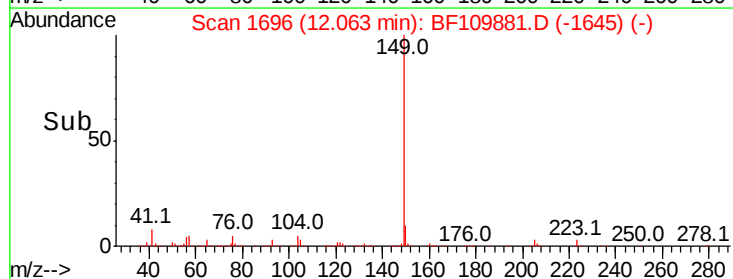
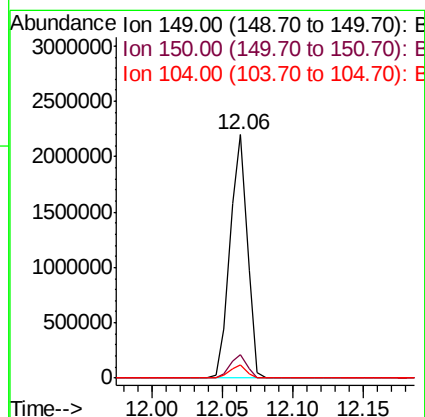
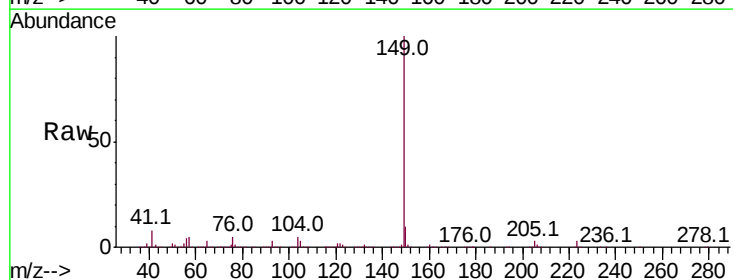
Instrument :
 BNA_F
 ClientSampleId :

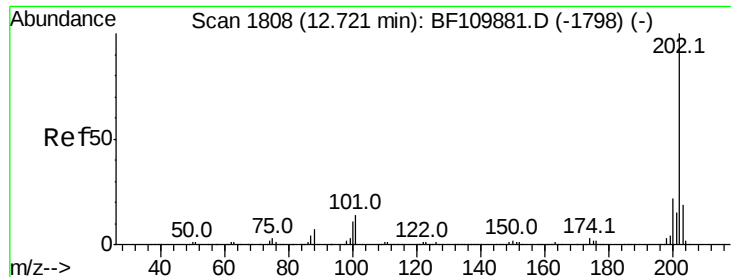
Tot Ion:167 Resp: 1642458
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.162 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:149 Resp: 1865825
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.2 4.2 6.4

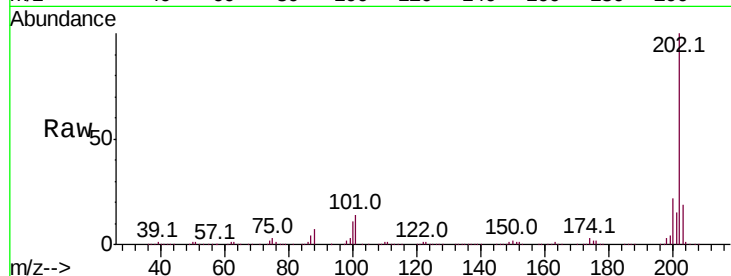




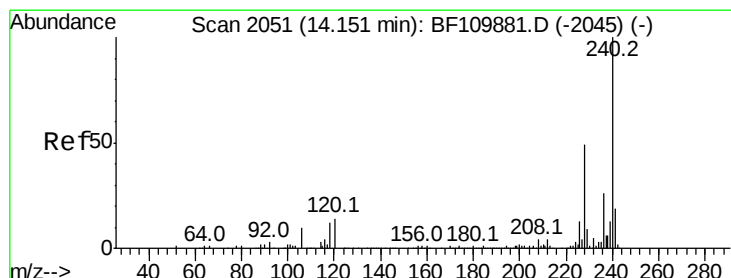
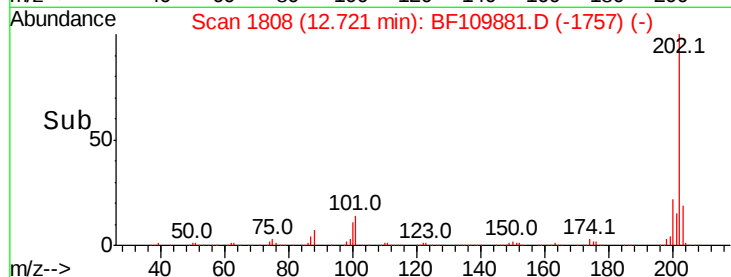
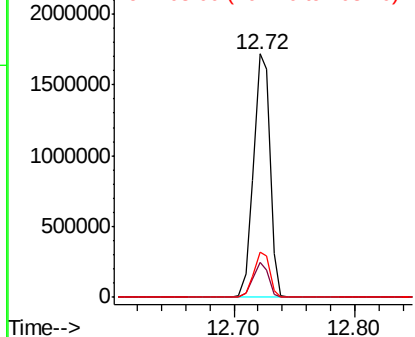
#75
 Fluoranthene
 Concen: 38.502 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1647992
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 31.4
 203 18.6 0.0 37.7

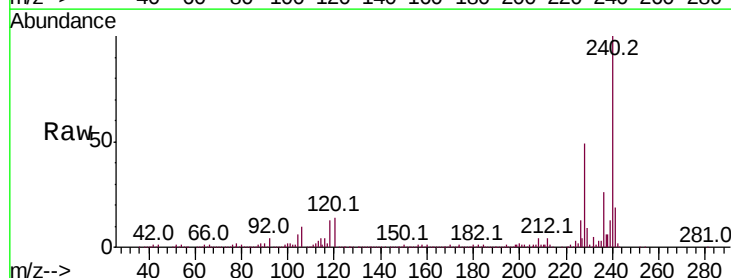


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

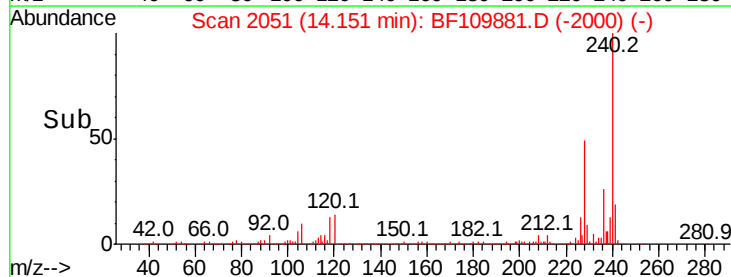
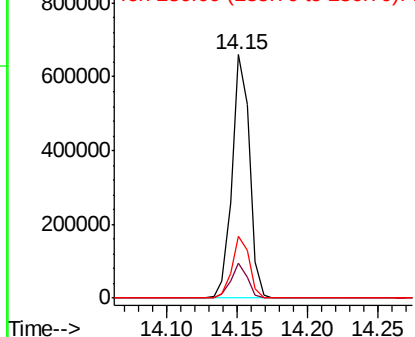


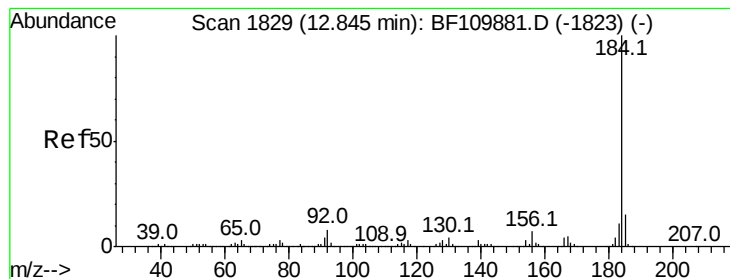
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:240 Resp: 567320
 Ion Ratio Lower Upper
 240 100
 120 14.4 8.3 12.5#
 236 25.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.999 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

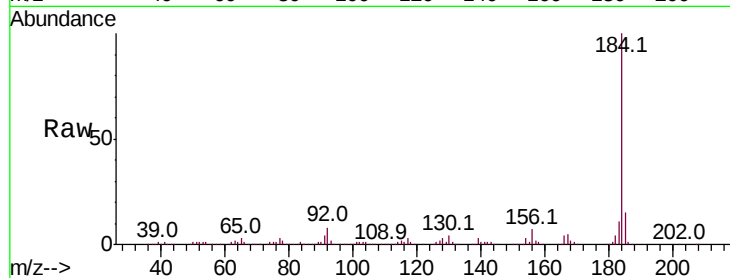
Tot Ion:184 Resp: 906190

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

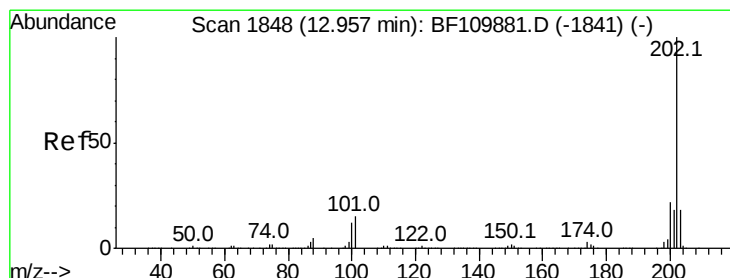
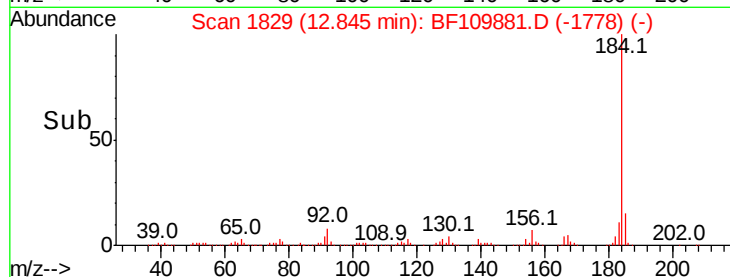
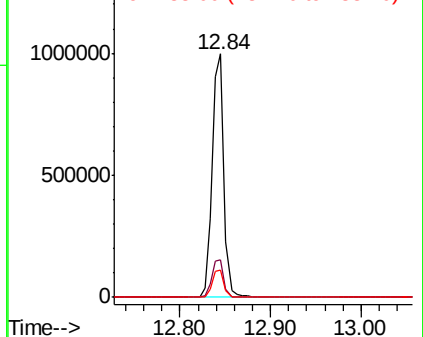
183 11.2 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.710 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

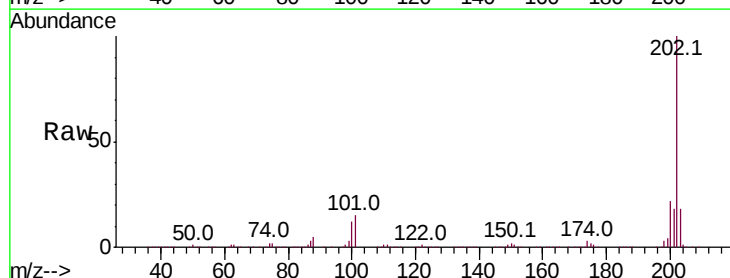
Tgt Ion:202 Resp: 1692147

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

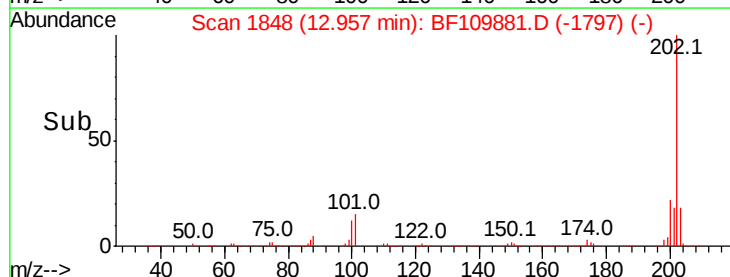
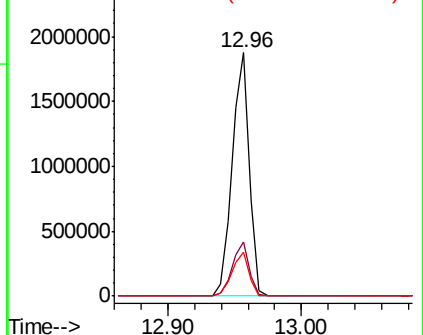
203 18.0 14.2 21.4

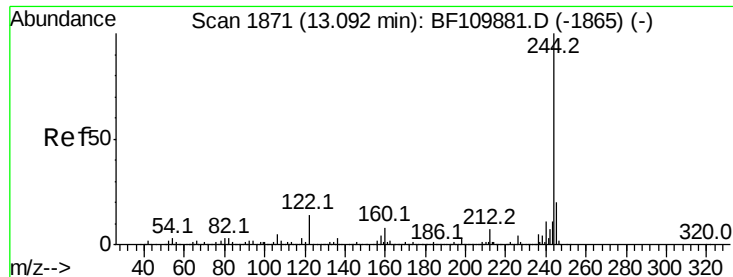


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

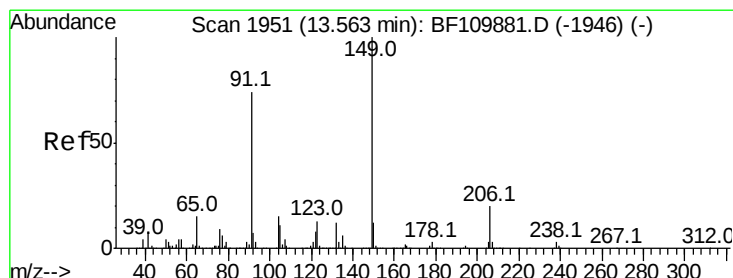
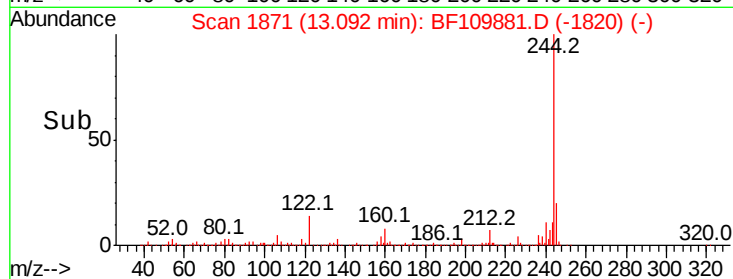
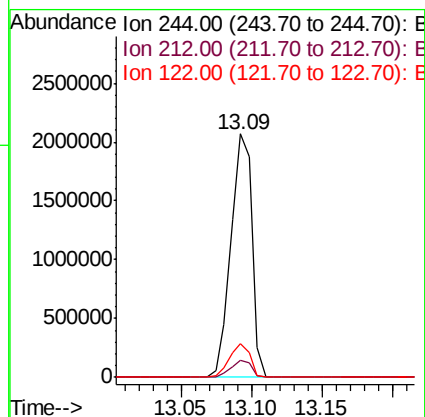
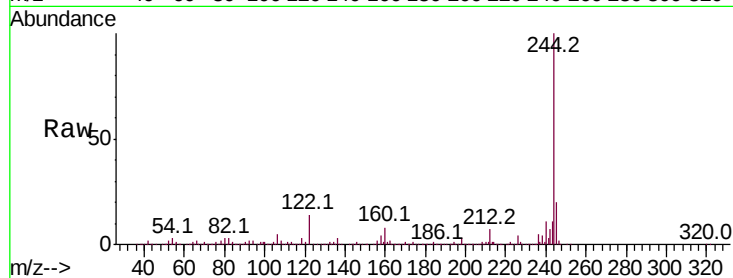




#79
 Terphenyl-d14
 Concen: 73.035 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

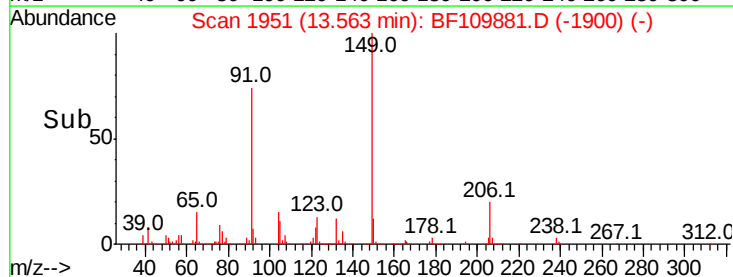
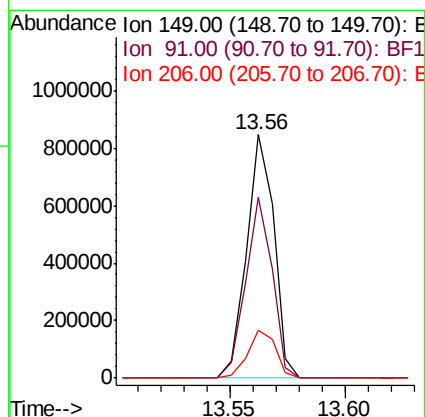
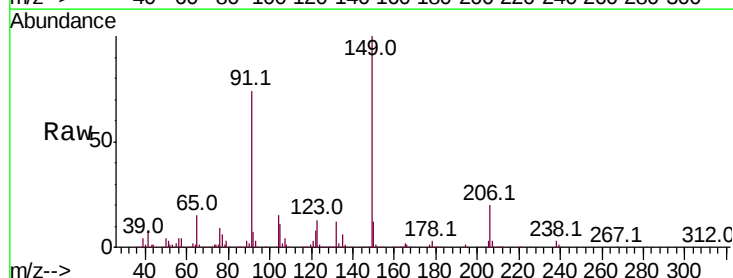
Instrument :
 BNA_F
 ClientSampleId :

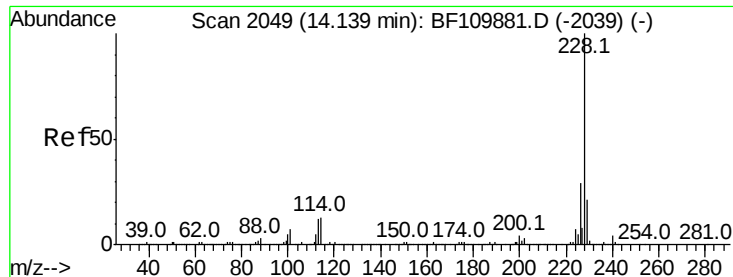
Tot Ion:244 Resp: 2140374
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.8 8.7 13.1#



#80
 Butylbenzylphthalate
 Concen: 39.165 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:149 Resp: 705789
 Ion Ratio Lower Upper
 149 100
 91 74.2 57.2 85.8
 206 19.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.027 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

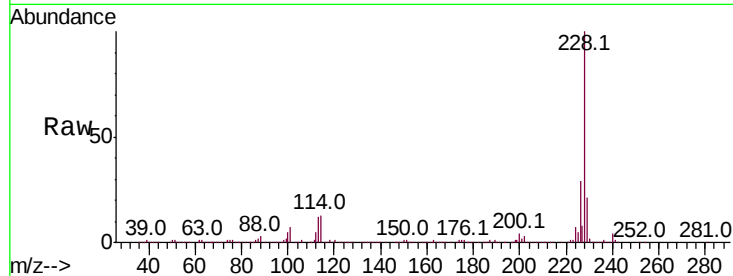
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1315748

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.5	15.6	23.4

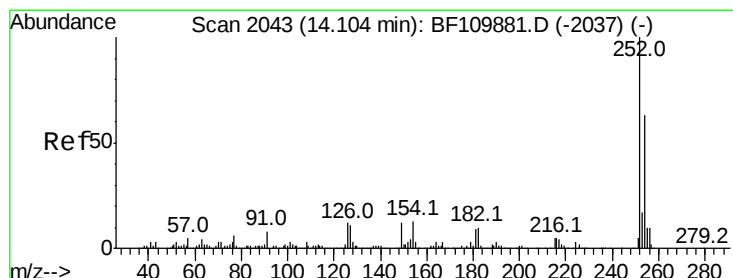
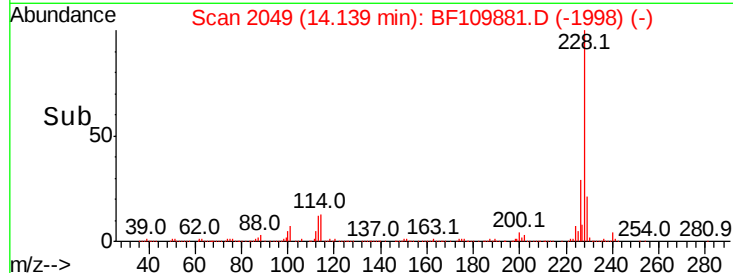
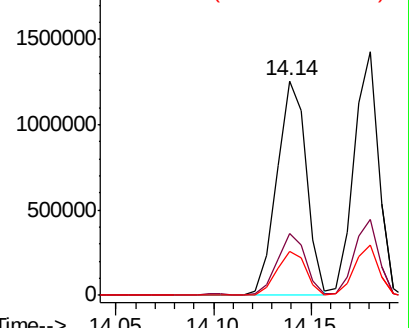


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.029 ng

RT: 14.10 min Scan# 2043

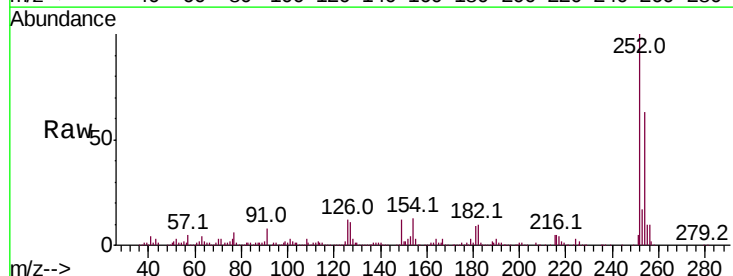
Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:252 Resp: 479396

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.3	76.9
126	11.9	9.4	14.2

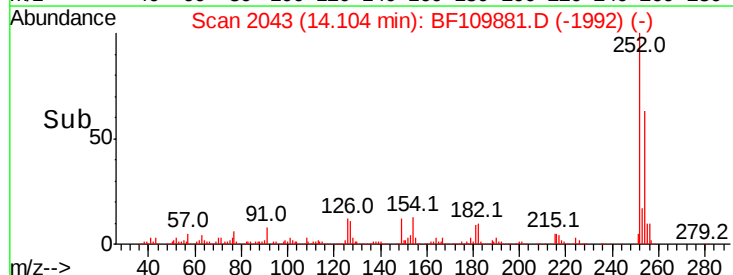
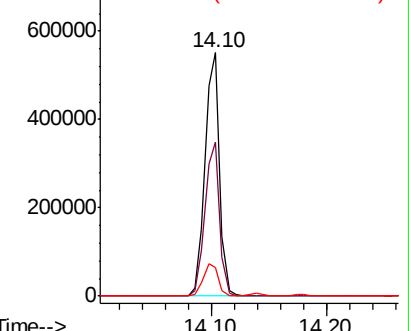


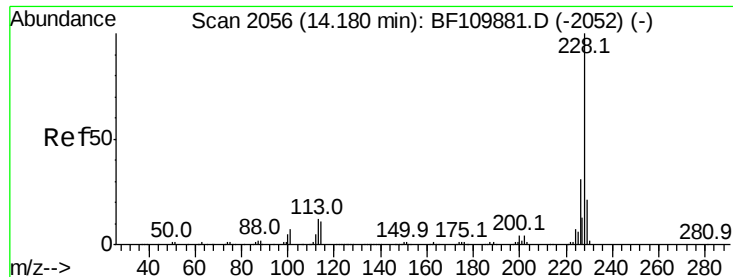
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.143 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

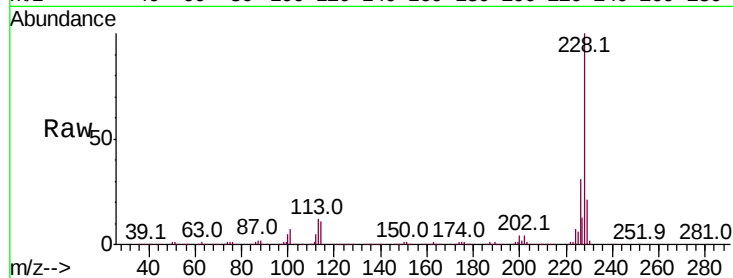
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1254299

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	20.6	15.9	23.9

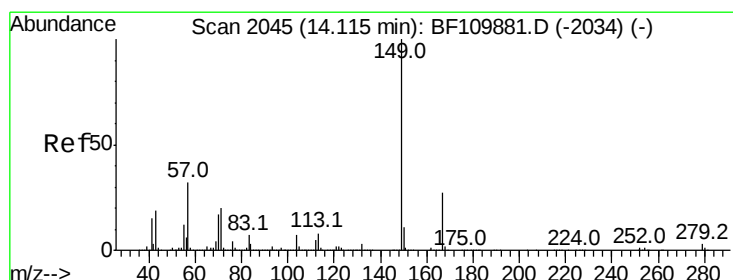
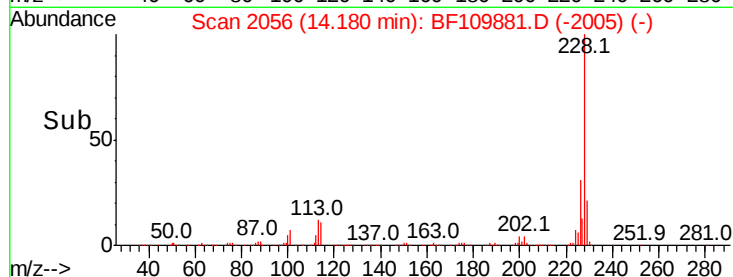
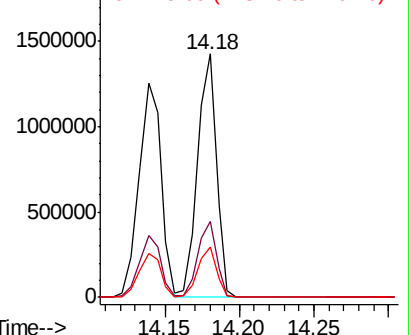


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.198 ng

RT: 14.12 min Scan# 2045

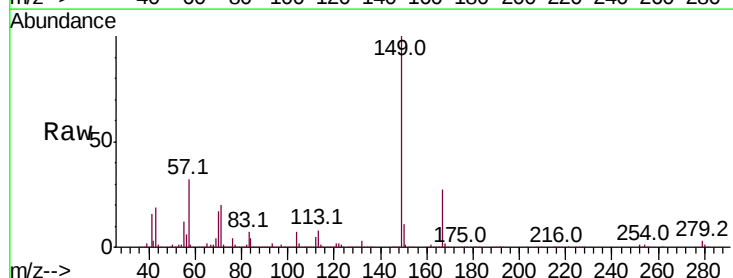
Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:149 Resp: 905786

Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.4	2.7	4.1

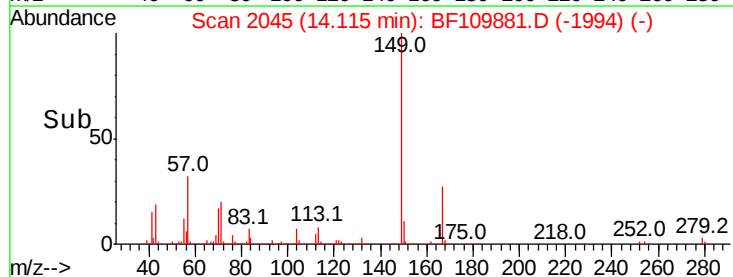
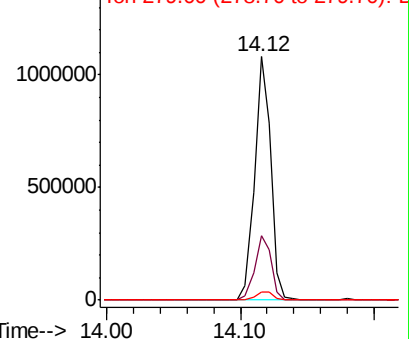


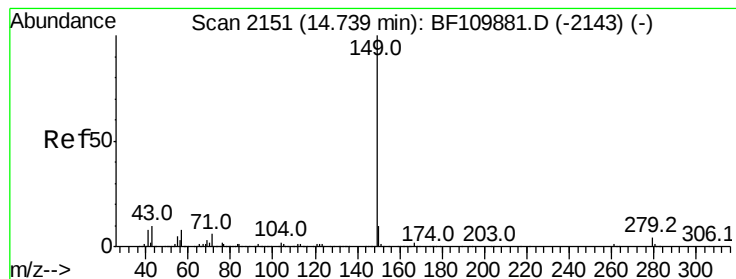
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.787 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

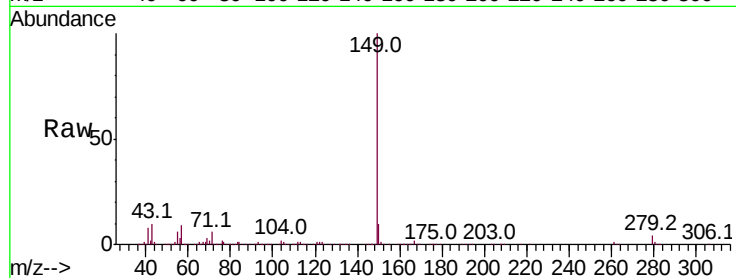
Tot Ion:149 Resp: 1278417

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

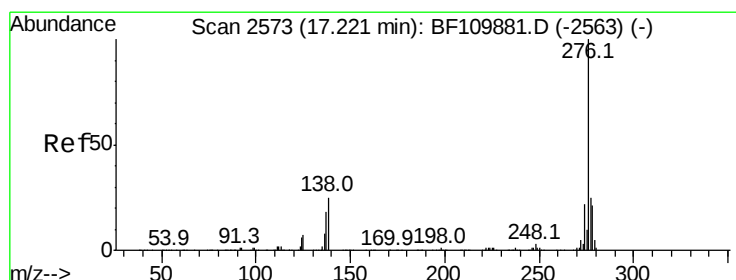
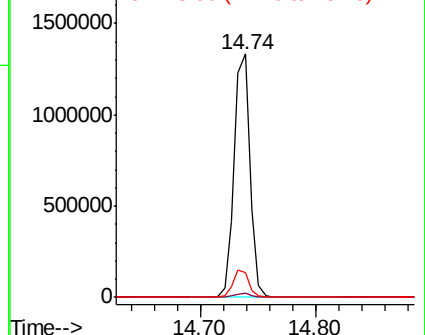
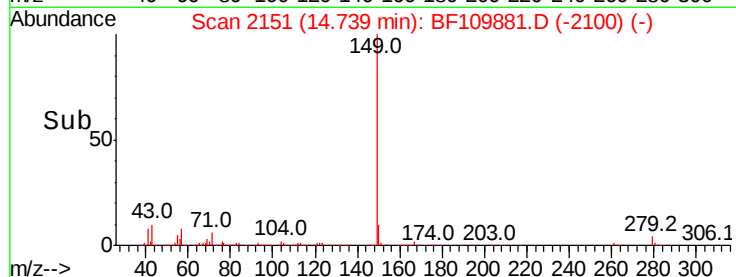
43 10.9 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.968 ng

RT: 17.22 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

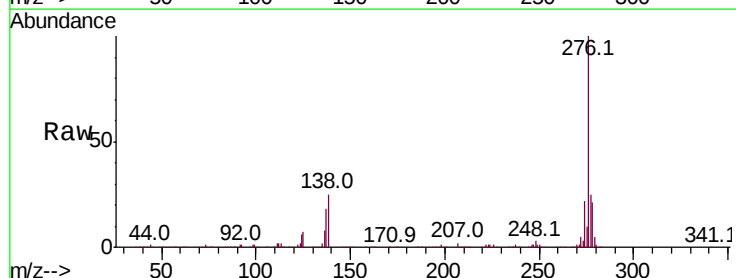
Tgt Ion:276 Resp: 964286

Ion Ratio Lower Upper

276 100

138 30.2 18.5 27.7#

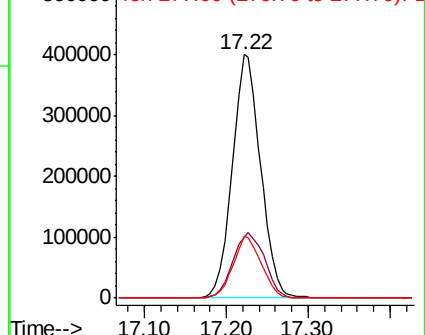
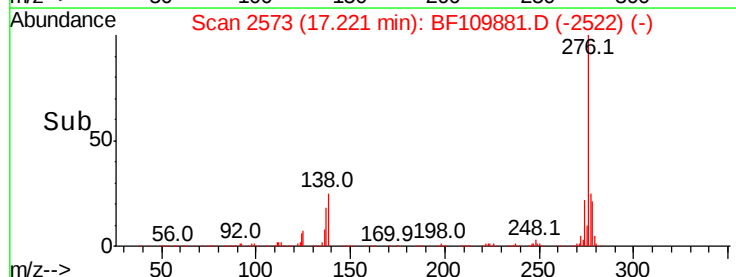
277 25.5 20.0 30.0

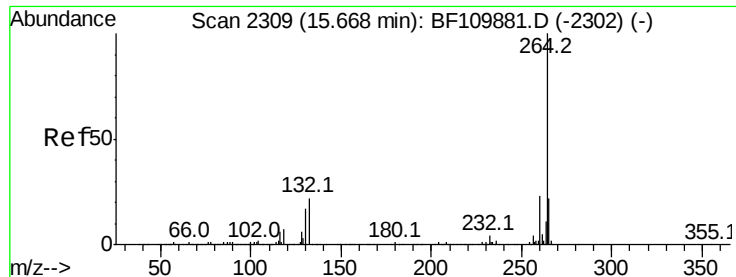


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

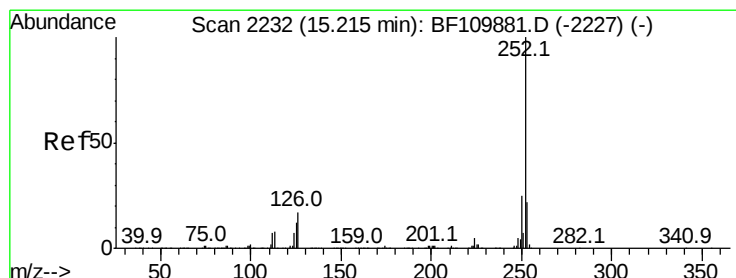
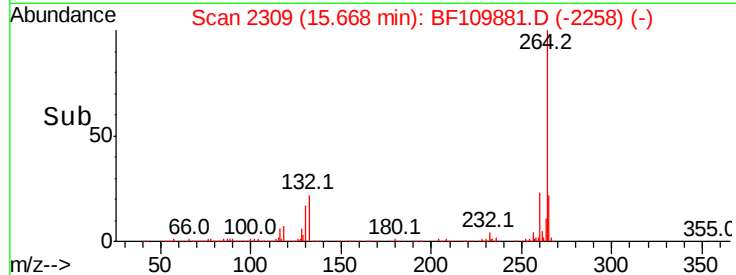
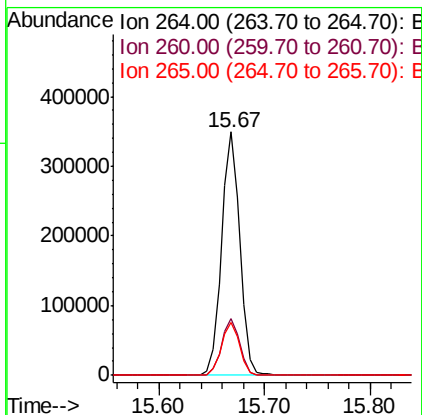
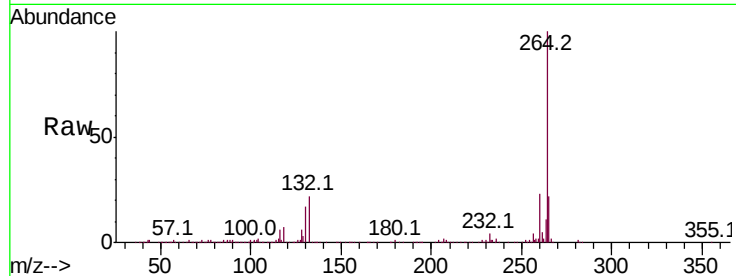




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

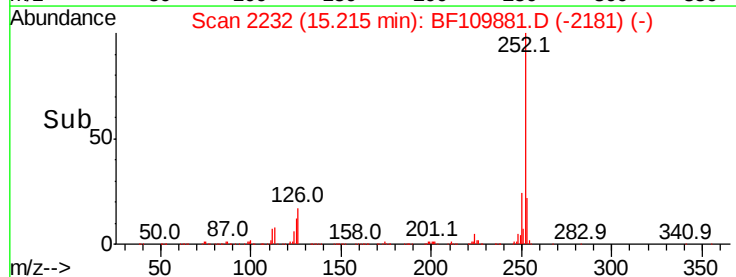
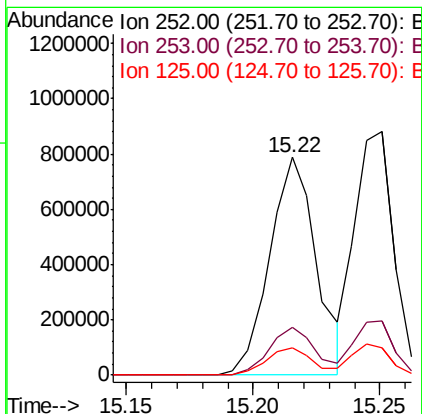
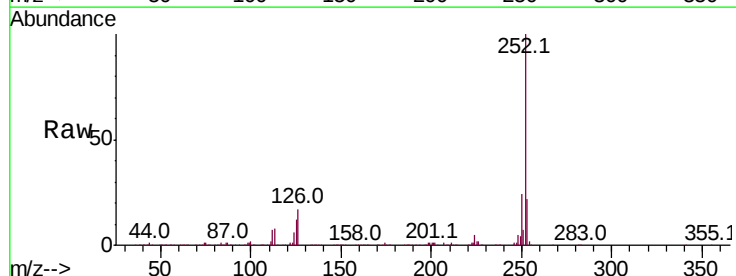
Instrument :
 BNA_F
 ClientSampleId :

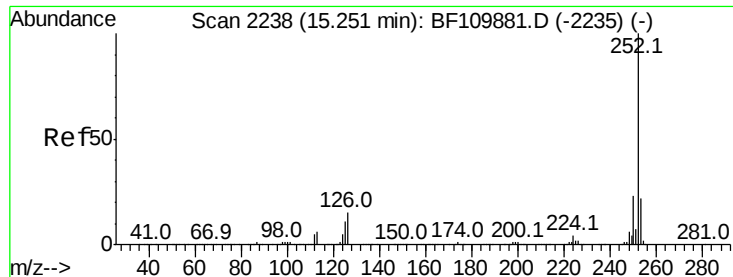
Tot Ion:264 Resp: 419990
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.8 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 43.806 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:252 Resp: 1016704
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 12.3 8.2 12.4

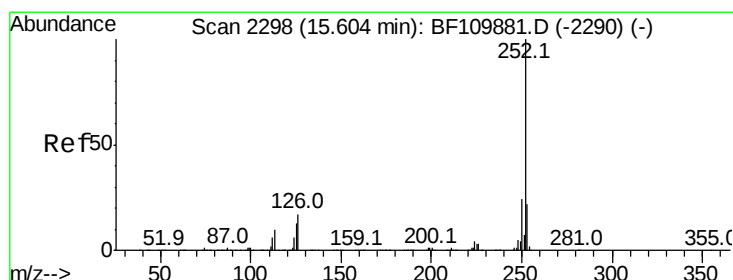
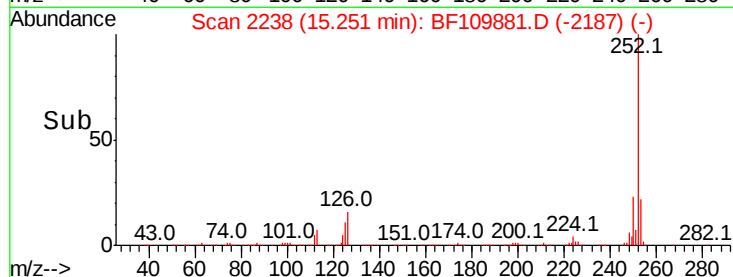
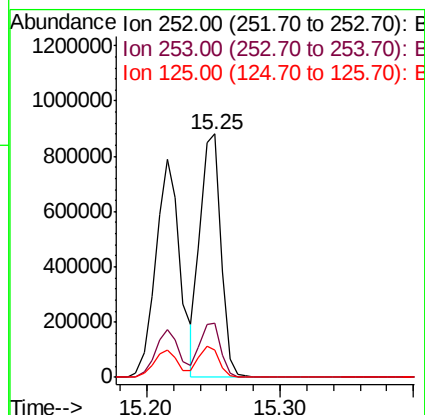
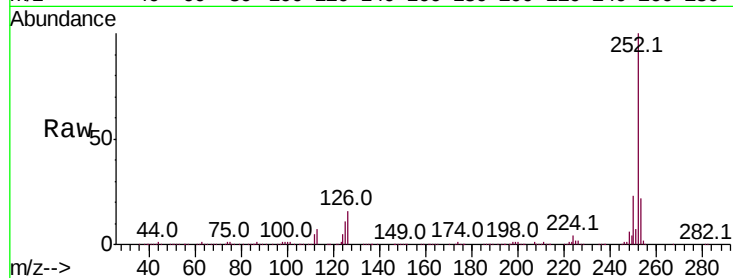




#89
Benzo(k)fluoranthene
Concen: 40.441 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

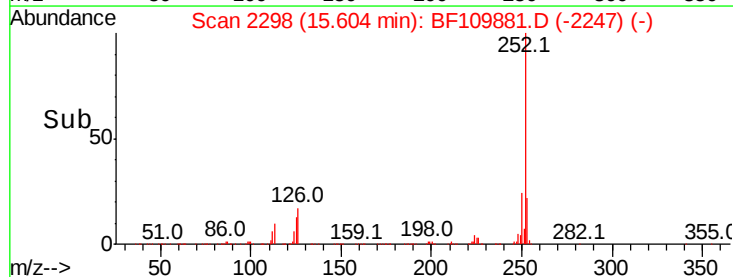
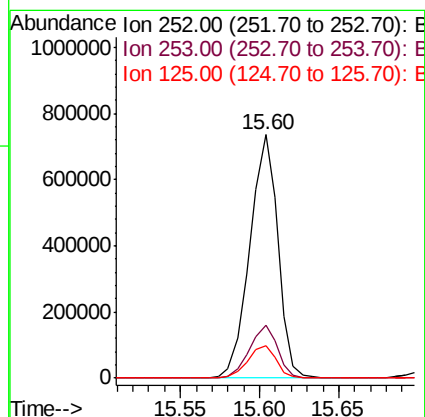
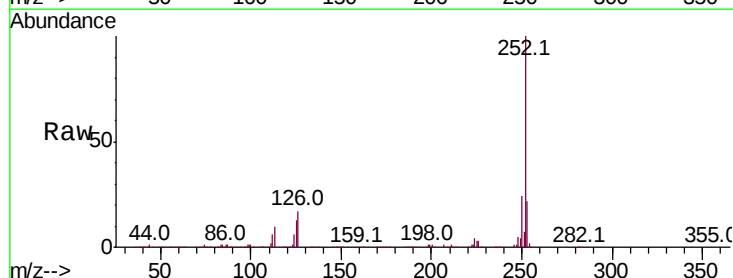
Instrument :
BNA_F
ClientSampled :

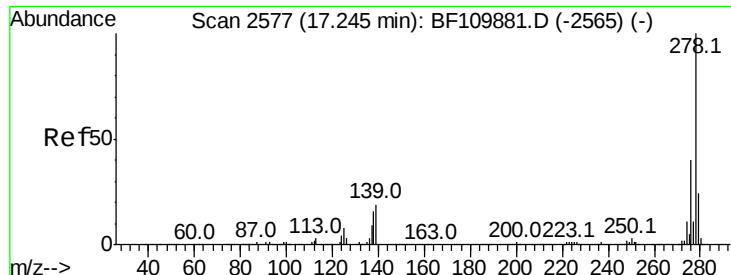
Tot Ion:252 Resp: 943069
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.4 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 43.024 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:252 Resp: 906160
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 13.2 9.0 13.6

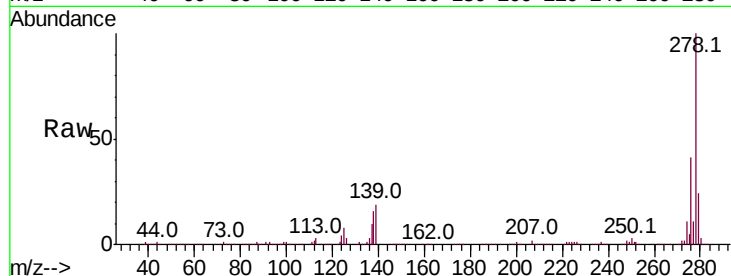




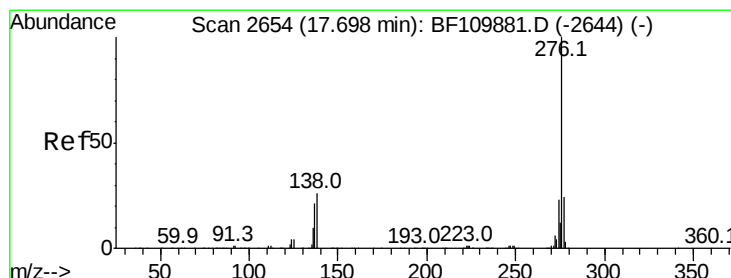
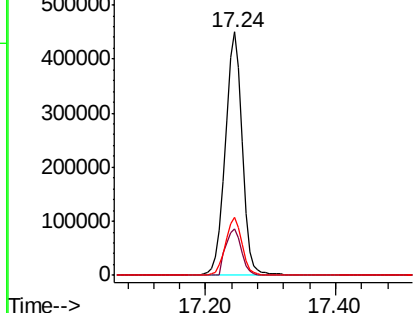
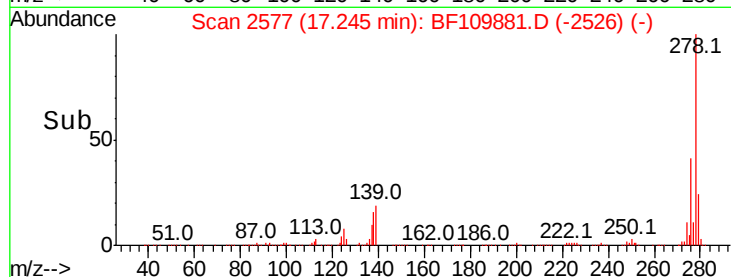
#91
Dibenzo(a,h)anthracene
Concen: 46.925 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 811702
Ion Ratio Lower Upper
278 100
139 19.1 12.7 19.1#
279 24.1 19.0 28.4

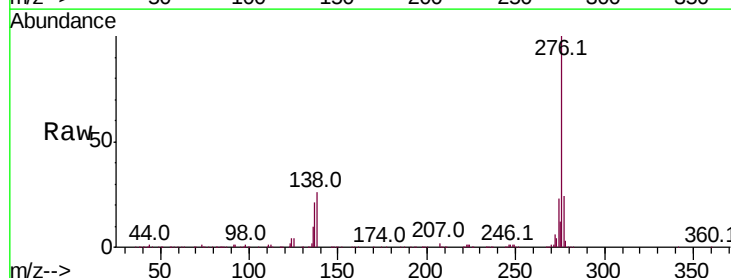


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.588 ng
RT: 17.70 min Scan# 2654
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:276 Resp: 822005
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 25.6 16.0 24.0#



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

