

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109882.D
 Acq On : 15 Oct 2018 16:39
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 17:14:49 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	232089	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	960562	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	441288	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	806107	20.00	ng	0.00
76) Chrysene-d12	14.15	240	555418	20.00	ng	0.00
87) Perylene-d12	15.67	264	419486	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1375417	105.19	ng	0.00
7) Phenol-d6	6.60	99	1712038	98.02	ng	0.00
23) Nitrobenzene-d5	7.55	82	1449118	83.16	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	380922	79.22	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2497163	77.94	ng	0.00
79) Terphenyl-d14	13.10	244	2416229	84.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	402319	58.628	ng	93
3) Pyridine	3.60	79	912944	64.486	ng	87
4) n-Nitrosodimethylamine	3.57	42	374004	73.190	ng	# 98
6) Aniline	6.65	93	1185913	58.284	ng	# 53
8) 2-Chlorophenol	6.76	128	786629	48.918	ng	98
9) Benzaldehyde	6.53	77	542652	48.279	ng	96
10) Phenol	6.61	94	924110	46.138	ng	# 62
11) bis(2-Chloroethyl)ether	6.71	93	781106	47.040	ng	91
12) 1,3-Dichlorobenzene	6.92	146	857149	46.604	ng	97
13) 1,4-Dichlorobenzene	7.00	146	857787	42.785	ng	98
14) 1,2-Dichlorobenzene	7.15	146	785035	44.586	ng	99
15) Benzyl Alcohol	7.12	79	675878	52.195	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1286792	58.443	ng	68
17) 2-Methylphenol	7.22	107	635029	49.937	ng	# 81
18) Hexachloroethane	7.49	117	313177	44.193	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	543611	44.379	ng	97
20) 3+4-Methylphenols	7.37	107	792153	50.554	ng	93
22) Acetophenone	7.39	105	1022671	44.027	ng	96
24) Nitrobenzene	7.56	77	780852	43.064	ng	95
25) Isophorone	7.80	82	1329768	45.955	ng	97
26) 2-Nitrophenol	7.87	139	336102	39.628	ng	94
27) 2,4-Dimethylphenol	7.90	122	643724	52.559	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	888793	45.410	ng	99
29) 2,4-Dichlorophenol	8.11	162	637786	46.426	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	693113	45.576	ng	96
31) Naphthalene	8.29	128	2028772	45.669	ng	98
32) Benzoic acid	8.02	122	346250	39.542	ng	93
33) 4-Chloroaniline	8.33	127	933509	47.719	ng	99
34) Hexachlorobutadiene	8.40	225	382424	40.444	ng	98
35) Caprolactam	8.71	113	226187	55.132	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	661218	45.597	ng	95
37) 2-Methylnaphthalene	8.97	142	1327383	45.616	ng	98
38) 1-Methylnaphthalene	9.07	142	1285463	44.435	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	635029	42.275	ng	98

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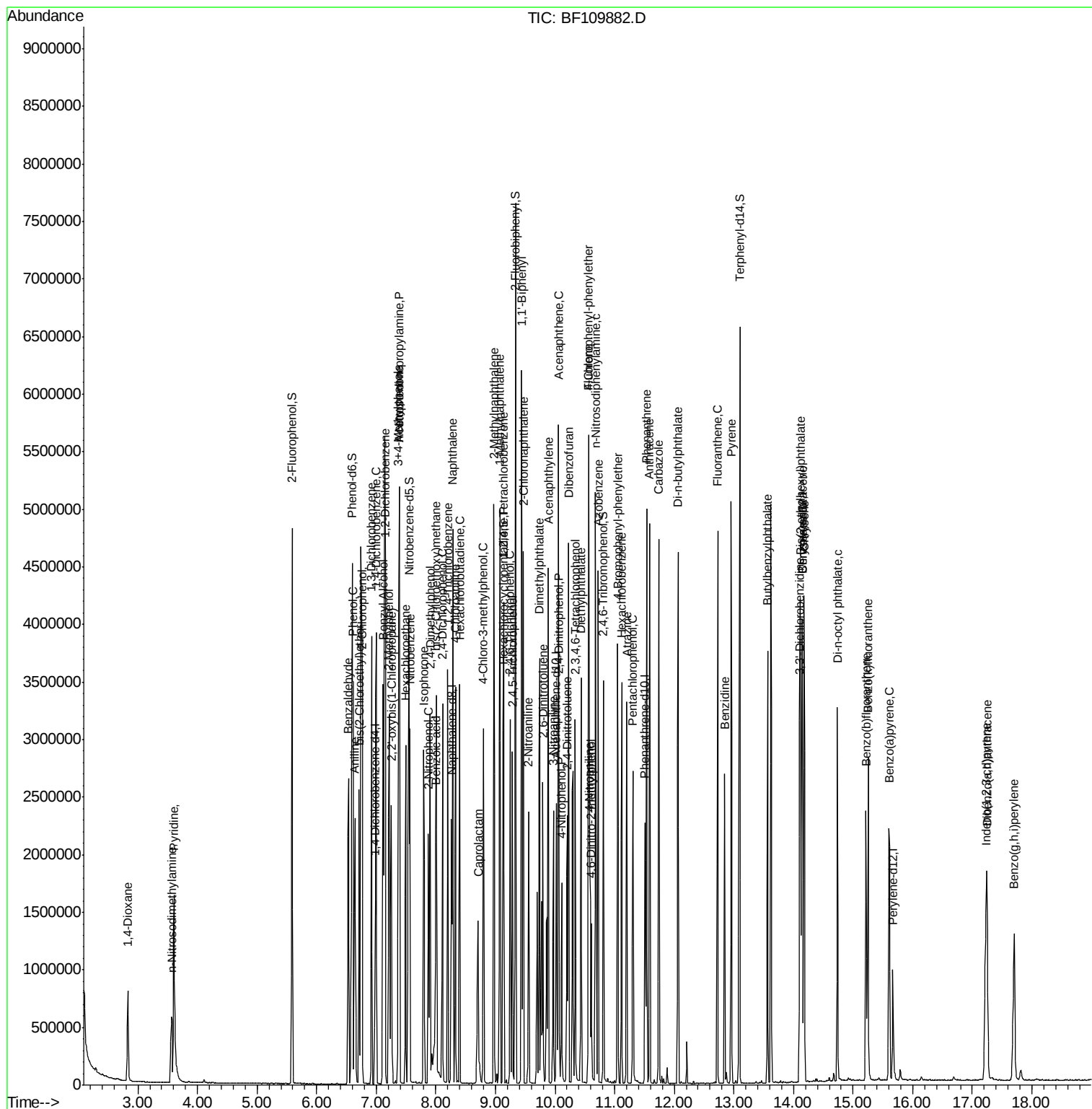
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	339279	61.893	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	422337	47.032	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	438098	42.431	nq	95
46) 1,1'-Biphenyl	9.44	154	1810505	45.926	nq	96
47) 2-Chloronaphthalene	9.47	162	1358889	46.009	nq	99
48) 2-Nitroaniline	9.56	65	390940	43.715	nq	98
49) Acenaphthylene	9.89	152	1964592	45.627	nq	98
50) Dimethylphthalate	9.74	163	1468907	45.387	nq	99
51) 2,6-Dinitrotoluene	9.80	165	312040	44.479	nq	97
52) Acenaphthene	10.06	154	1267372	49.652	nq	98
53) 3-Nitroaniline	9.97	138	373598	47.507	nq #	90
54) 2,4-Dinitrophenol	10.07	184	82795	36.579	nq #	82
55) Dibenzofuran	10.23	168	1784021	46.628	nq	98
56) 4-Nitrophenol	10.12	139	286086	66.461	nq	90
57) 2,4-Dinitrotoluene	10.20	165	373157	42.622	nq #	89
58) Fluorene	10.57	166	1277893	44.724	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	352186	41.962	nq	95
60) Diethylphthalate	10.44	149	1457956	45.466	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	670974	44.512	nq	96
62) 4-Nitroaniline	10.59	138	353089	48.482	nq	95
63) Azobenzene	10.72	77	1500674	46.084	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	141577	36.084	nq	88
66) n-Nitrosodiphenylamine	10.68	169	1268875	46.433	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	418223	45.153	nq	92
68) Hexachlorobenzene	11.12	284	442260	44.095	nq #	90
69) Atrazine	11.20	200	396784	46.525	nq	99
70) Pentachlorophenol	11.30	266	277727	49.210	nq	97
71) Phenanthrene	11.54	178	1922590	47.659	nq	98
72) Anthracene	11.59	178	1945161	46.645	nq	99
73) Carbazole	11.74	167	1924989	47.595	nq	99
74) Di-n-butylphthalate	12.06	149	2132177	45.453	nq	99
75) Fluoranthene	12.73	202	1929367	45.781	nq	97
77) Benzidine	12.84	184	951669	46.125	nq	99
78) Pyrene	12.96	202	1983390	48.740	nq	99
80) Butylbenzylphthalate	13.56	149	836614	47.419	nq	95
81) Benzo(a)anthracene	14.14	228	1555240	50.742	nq	98
82) 3,3'-Dichlorobenzidine	14.10	252	539361	43.703	nq	98
83) Chrysene	14.18	228	1484527	46.111	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	1075144	49.949	nq	96
85) Di-n-octyl phthalate	14.74	149	1512441	44.453	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	1243061	53.944	nq #	93
88) Benzo(b)fluoranthene	15.22	252	1189808	51.326	nq	99
89) Benzo(k)fluoranthene	15.25	252	1161992	49.889	nq #	95
90) Benzo(a)pyrene	15.60	252	1103455	52.454	nq #	96
91) Dibenzo(a,h)anthracene	17.25	278	1029866	59.609	nq	97
92) Benzo(g,h,i)perylene	17.70	276	1058410	61.348	nq #	92

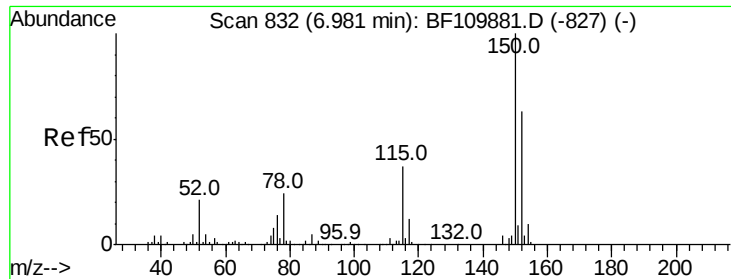
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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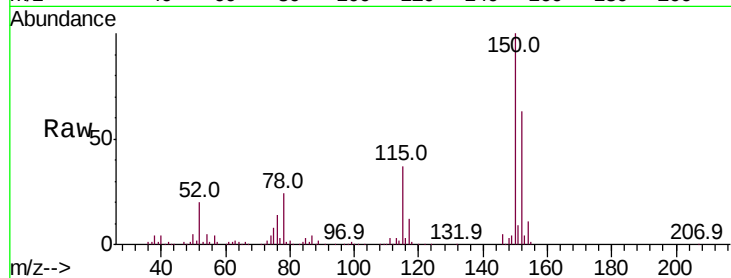


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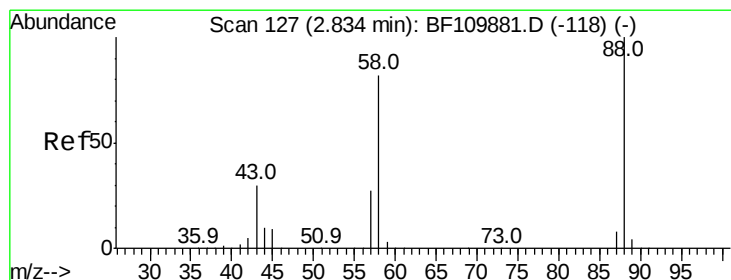
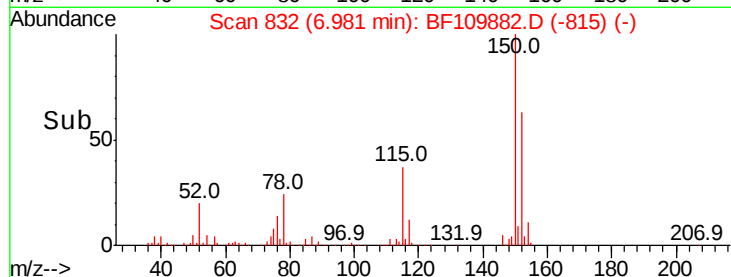
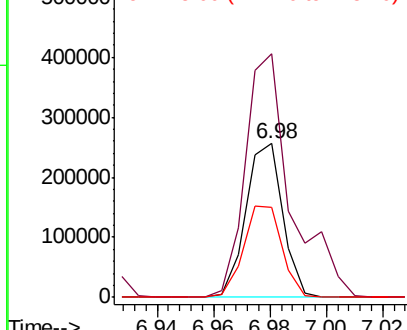
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	58.8	49.1	73.7



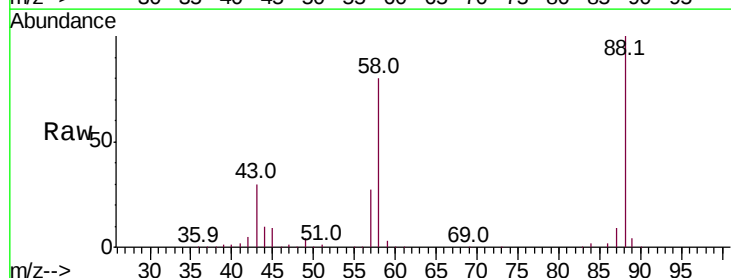
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



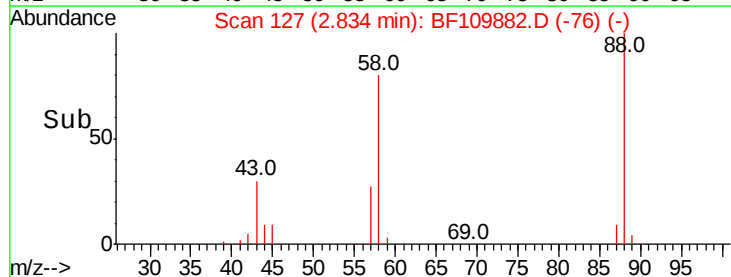
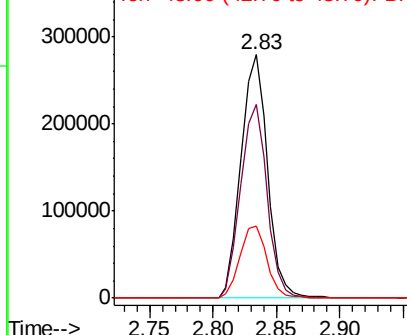
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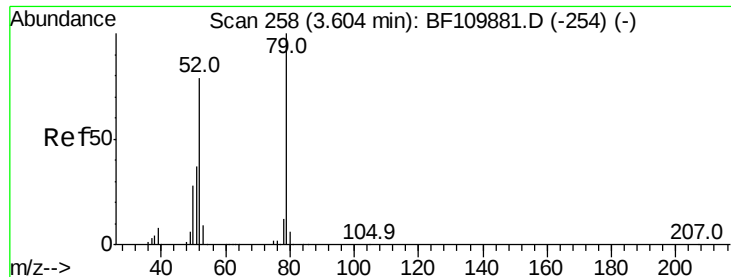
1,4-Dioxane
Concen: 58.628 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	57.1	85.7
43	30.3	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

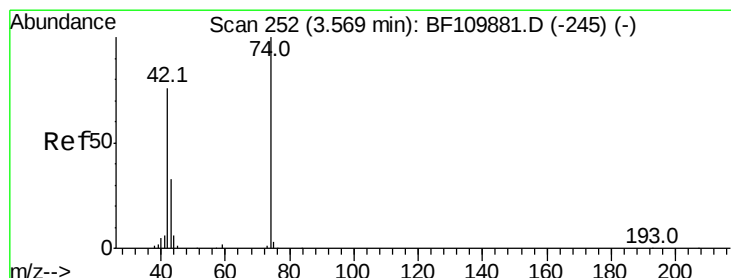
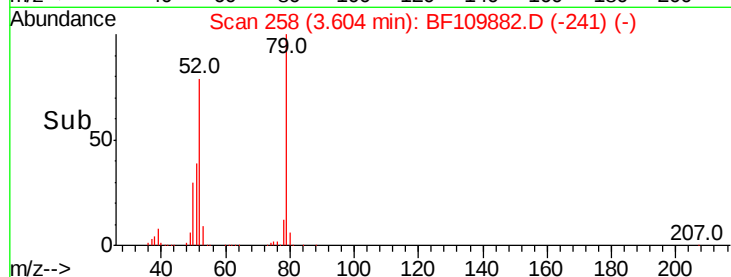
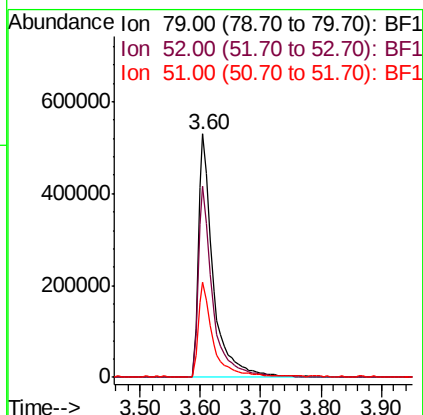
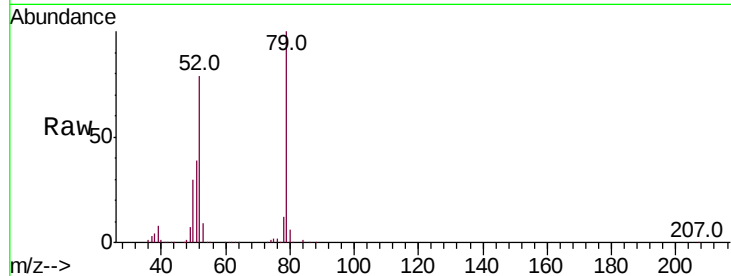




#3
 Pvridine
 Concen: 64.486 ng
 RT: 3.60 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

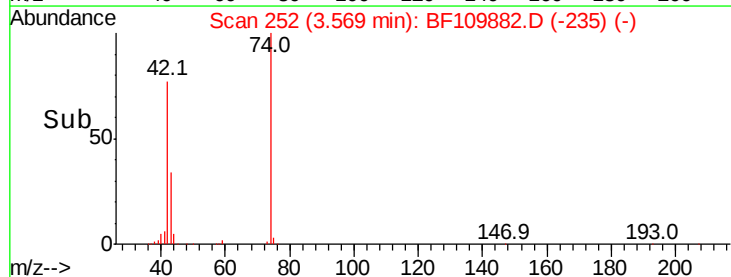
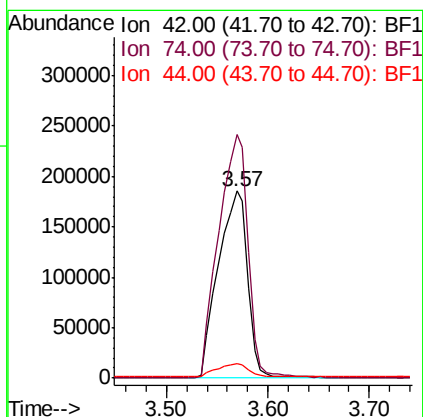
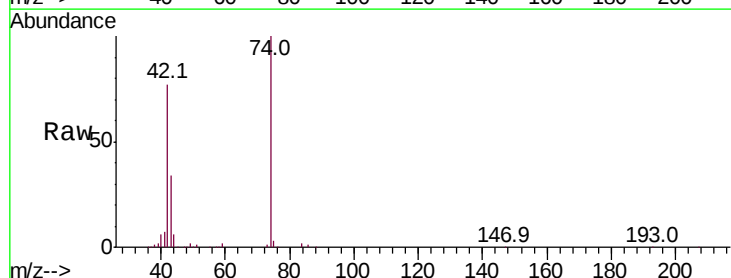
Instrument :
 BNA_F
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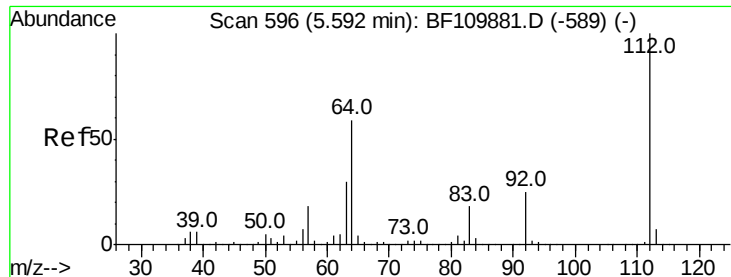
Tot Ion: 79 Resp: 912944
 Ion Ratio Lower Upper
 79 100
 52 78.7 53.1 79.7
 51 39.0 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 73.190 ng
 RT: 3.57 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion: 42 Resp: 374004
 Ion Ratio Lower Upper
 42 100
 74 130.1 105.5 158.3
 44 7.7 4.9 7.3#





#5

2-Fluorophenol

Concen: 105.193 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampled :

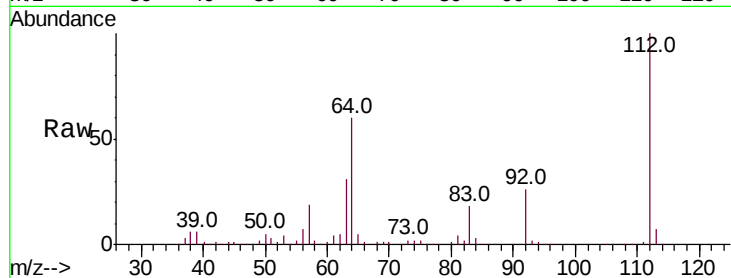
Tot Ion:112 Resp: 1375417

Ion Ratio Lower Upper

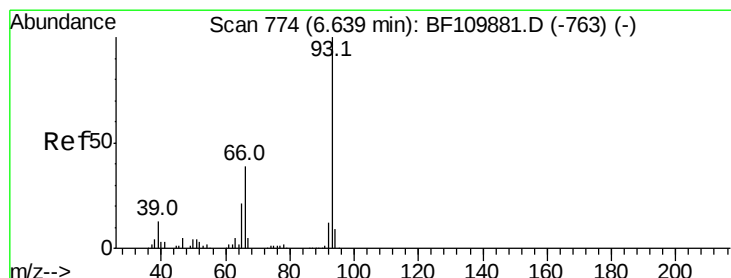
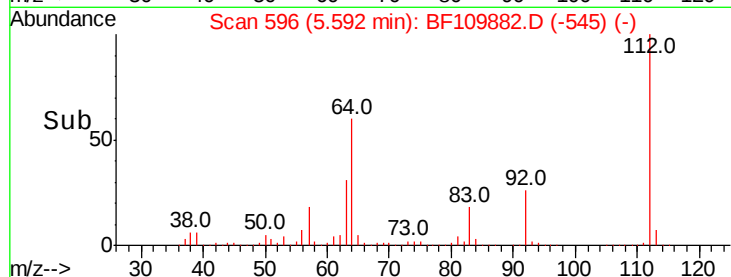
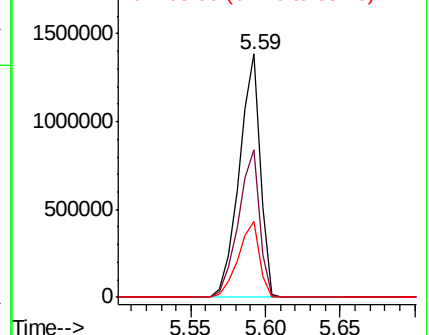
112 100

64 60.4 44.1 66.1

63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 58.284 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

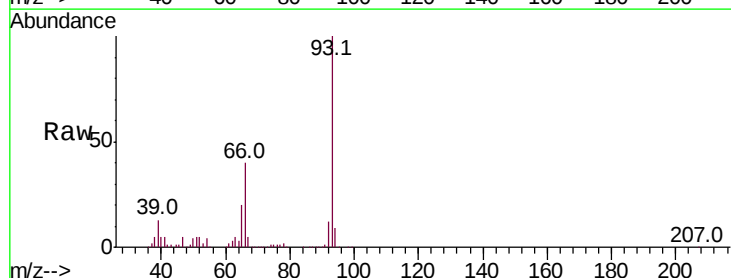
Tgt Ion: 93 Resp: 1185913

Ion Ratio Lower Upper

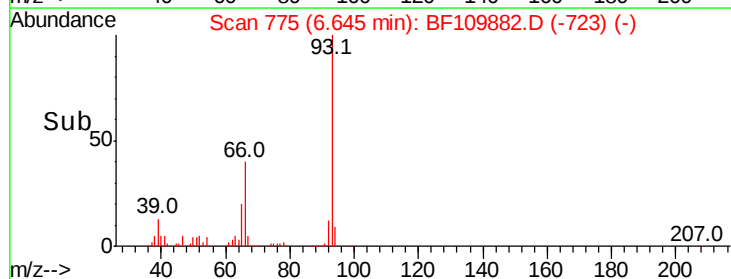
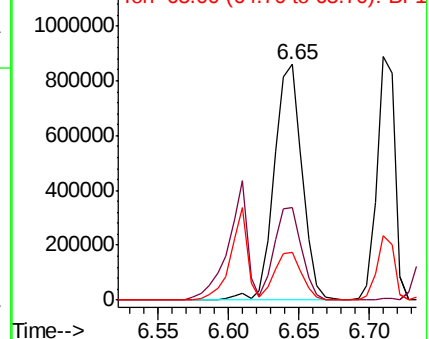
93 100

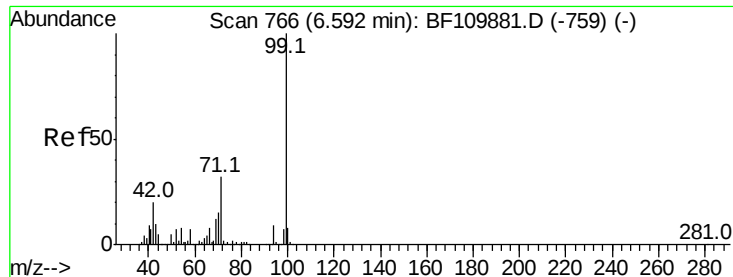
66 39.6 67.4 101.0#

65 20.1 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.016 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

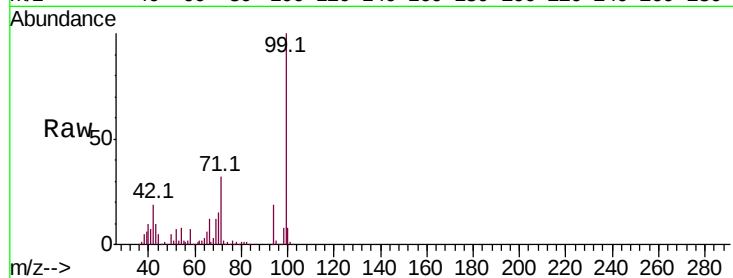
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1712038

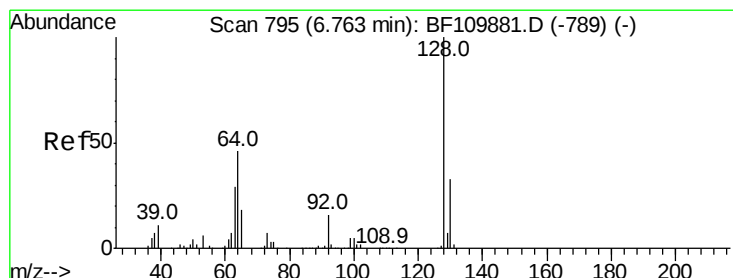
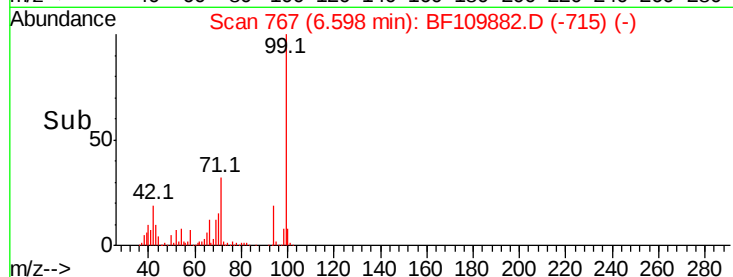
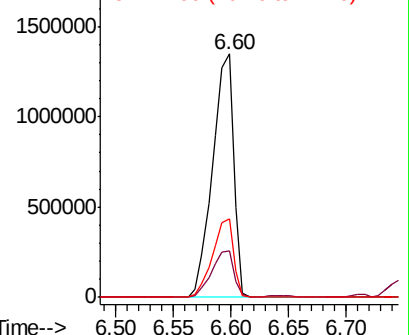
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	32.0	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.918 ng

RT: 6.76 min Scan# 795

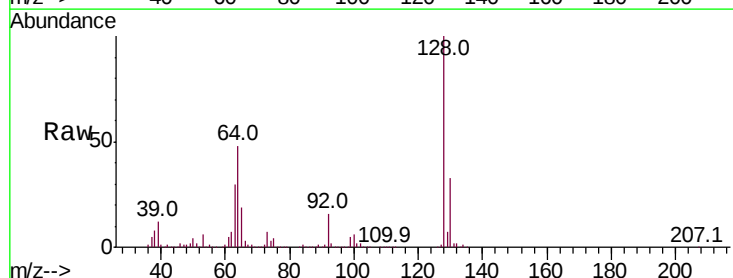
Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion: 128 Resp: 786629

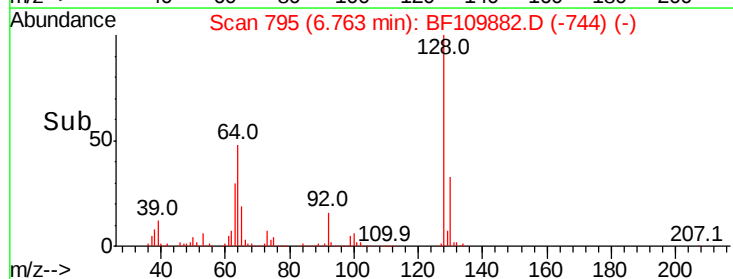
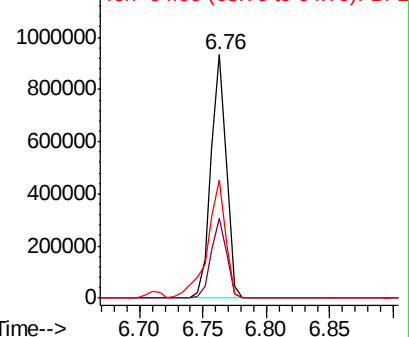
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.1	53.1
64	48.4	26.0	66.0

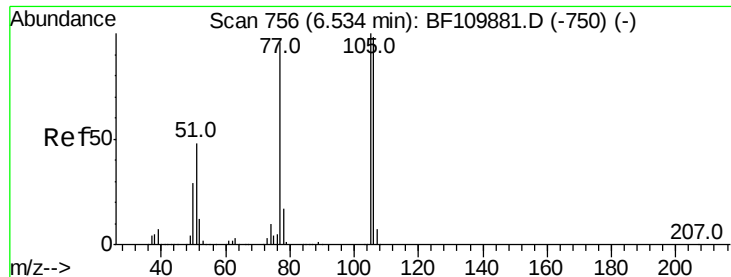


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.279 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

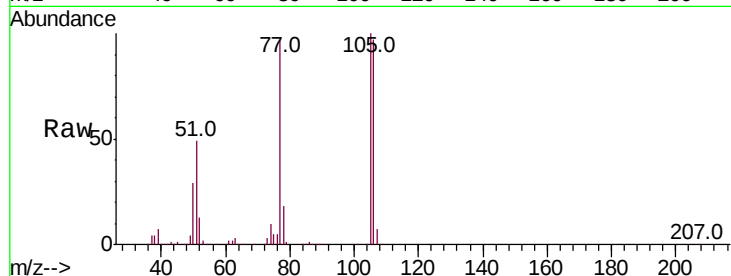
Tot Ion: 77 Resp: 542652

Ion Ratio Lower Upper

77 100

105 102.7 78.6 118.6

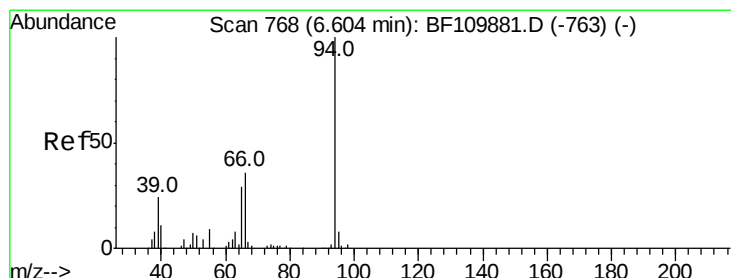
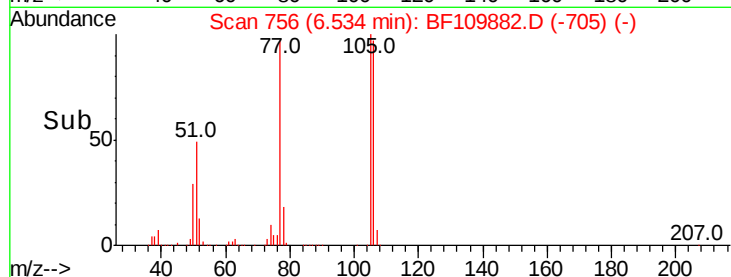
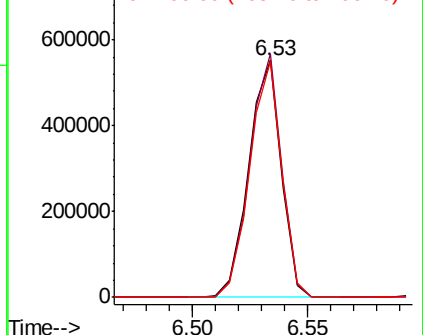
106 99.3 74.8 114.8



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: 46.138 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

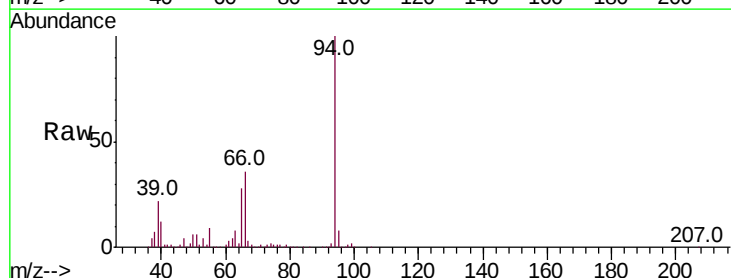
Tgt Ion: 94 Resp: 924110

Ion Ratio Lower Upper

94 100

65 28.2 25.3 65.3

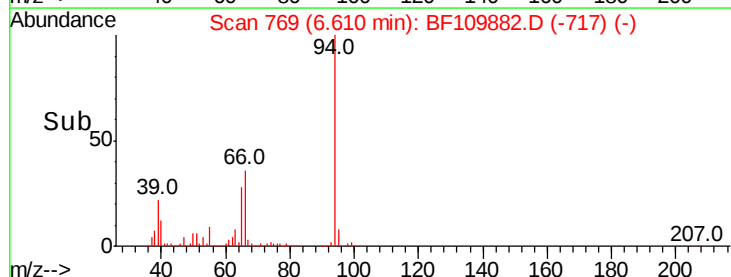
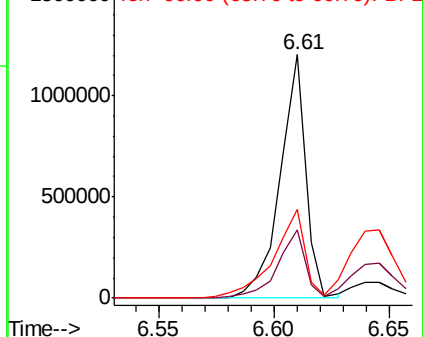
66 36.3 54.5 94.5#

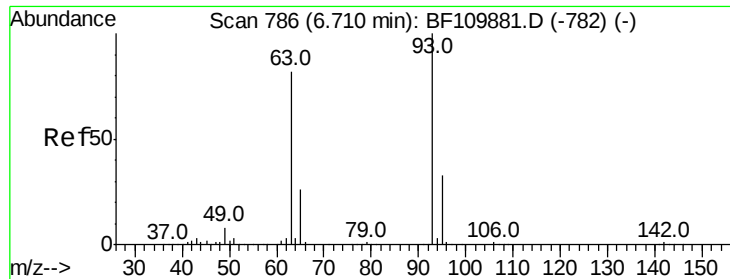


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.040 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampled :

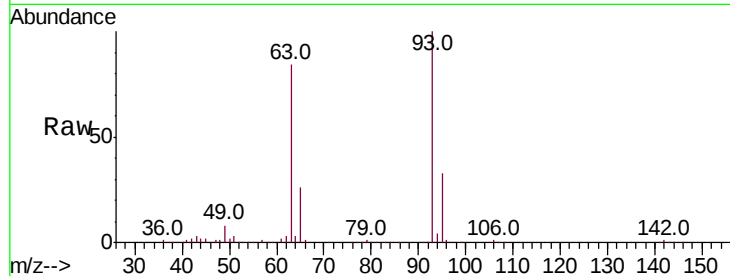
Tot Ion: 93 Resp: 781106

Ion Ratio Lower Upper

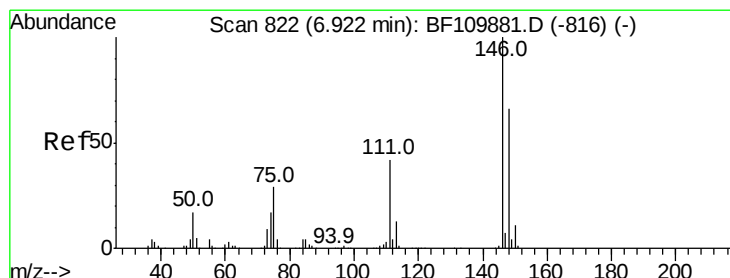
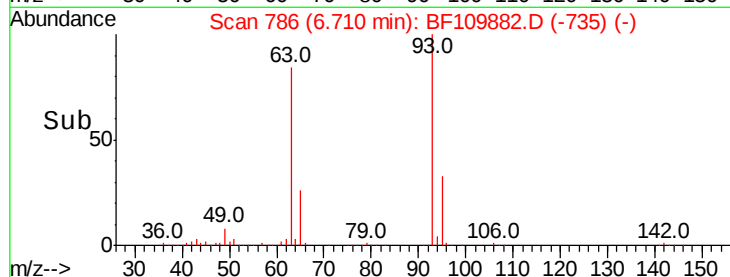
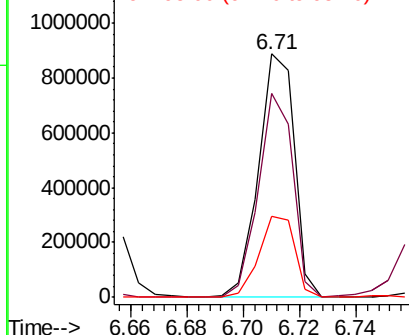
93 100

63 83.8 53.4 93.4

95 33.3 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 46.604 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

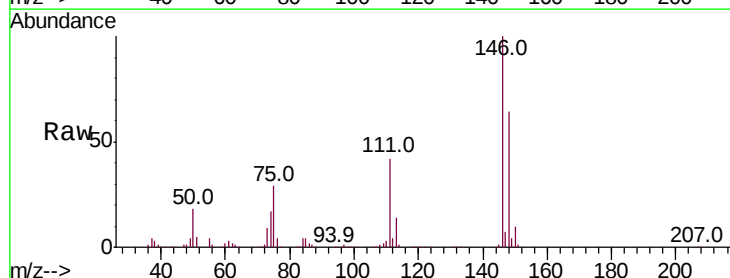
Tgt Ion: 146 Resp: 857149

Ion Ratio Lower Upper

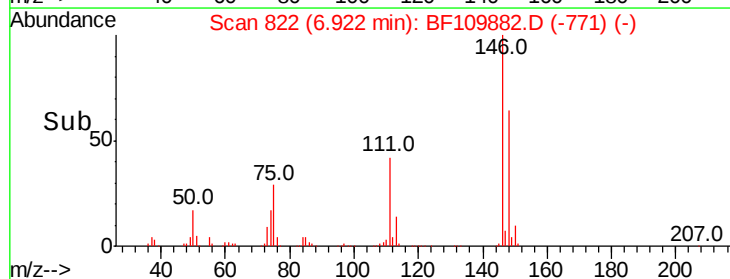
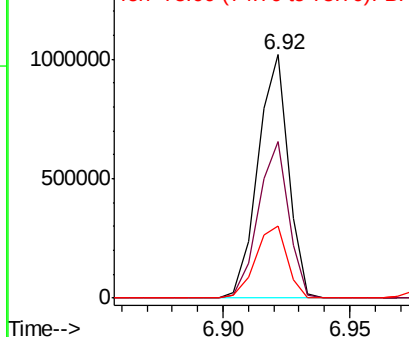
146 100

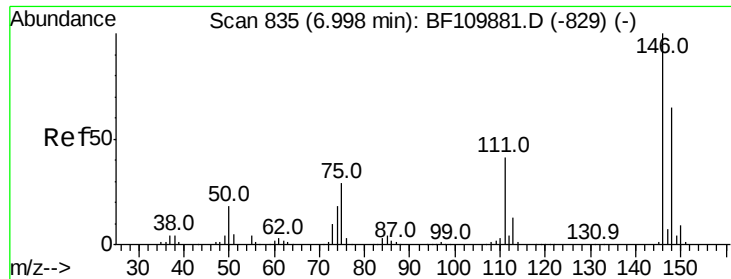
148 64.1 50.4 75.6

75 29.5 25.8 38.6



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

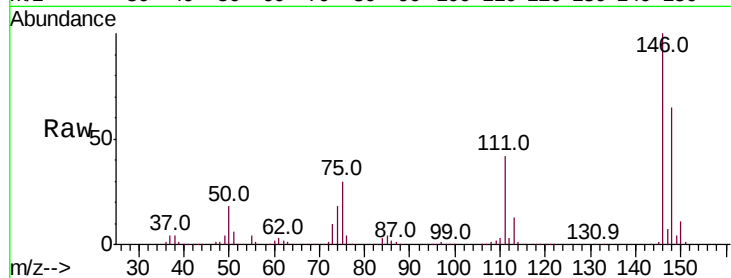




#13
 1,4-Dichlorobenzene
 Concen: 42.785 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.3	75.5
111	41.7	32.7	49.1

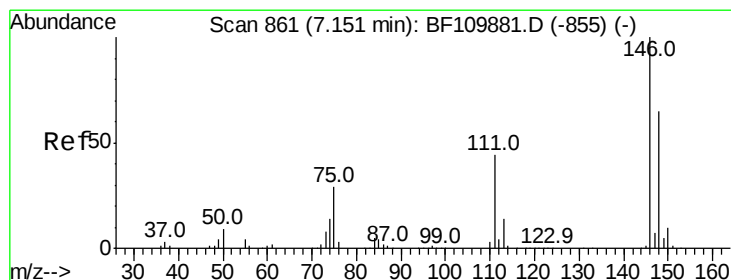
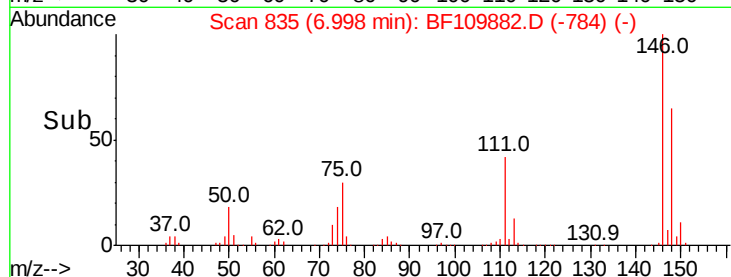
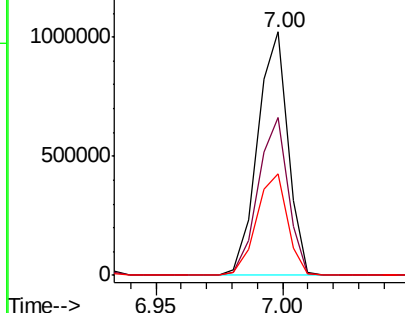


Abundance

Ion 146.00 (145.70 to 146.70): E

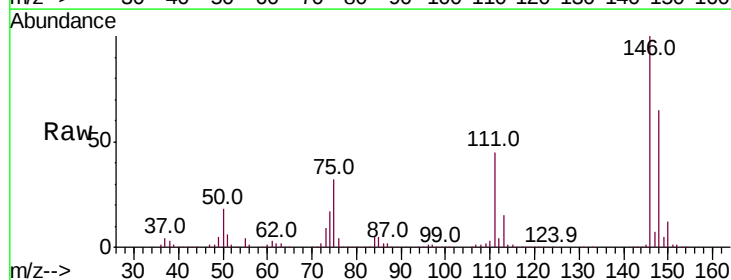
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.586 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	44.6	35.8	53.6

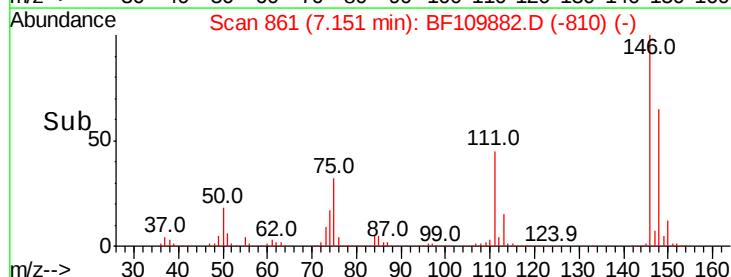
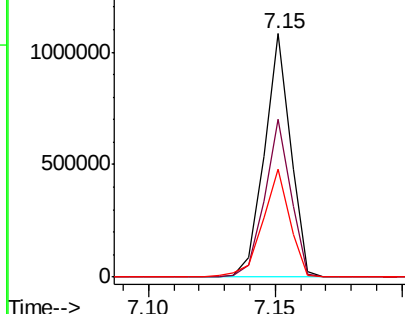


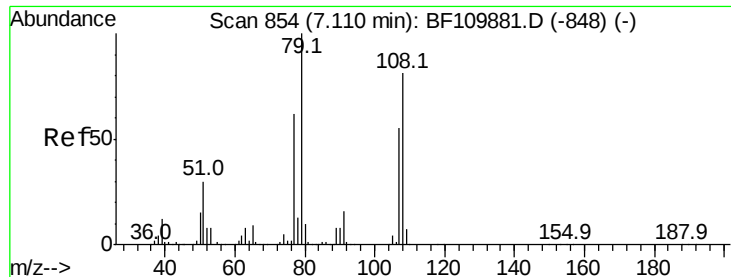
Abundance

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: 52.195 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

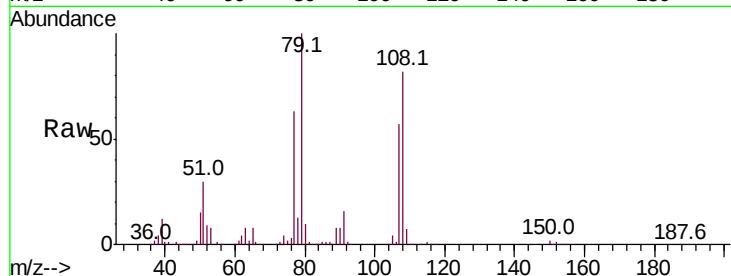
Tot Ion: 79 Resp: 675878

Ion Ratio Lower Upper

79 100

108 82.2 56.3 84.5

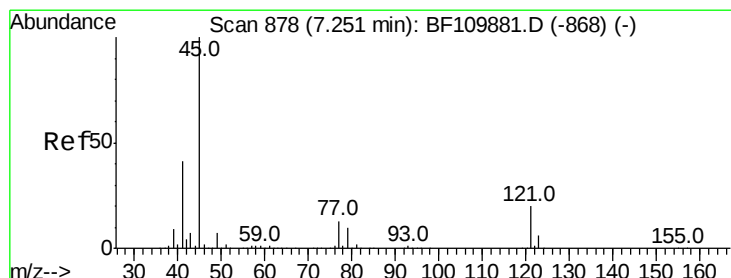
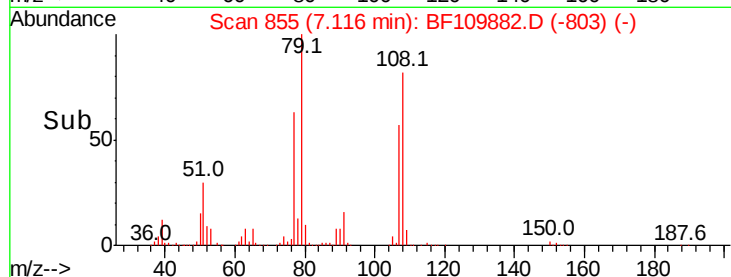
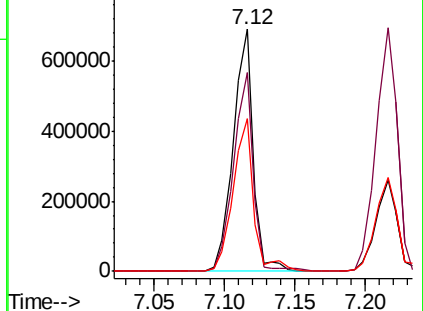
77 63.2 52.9 79.3



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: 58.443 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

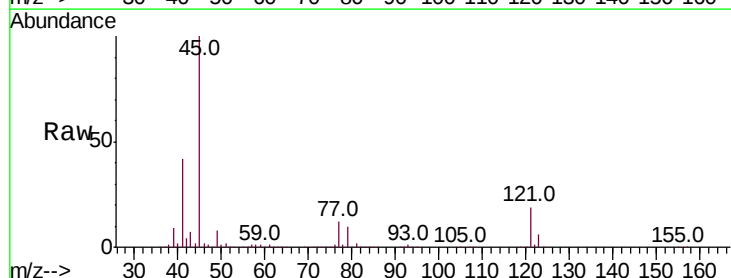
Tgt Ion: 45 Resp: 1286792

Ion Ratio Lower Upper

45 100

77 12.5 10.0 50.0

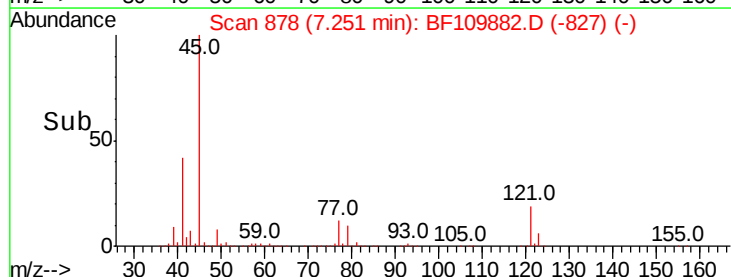
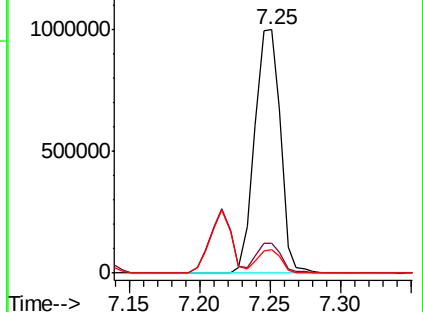
79 9.7 6.1 46.1

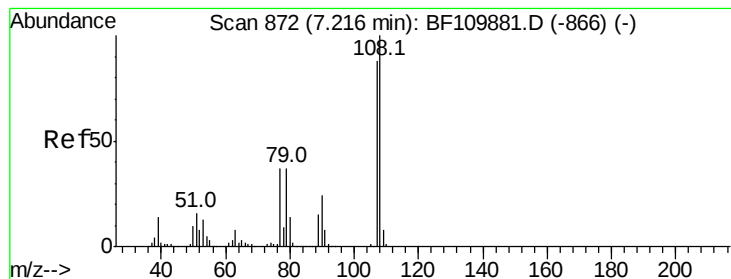


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

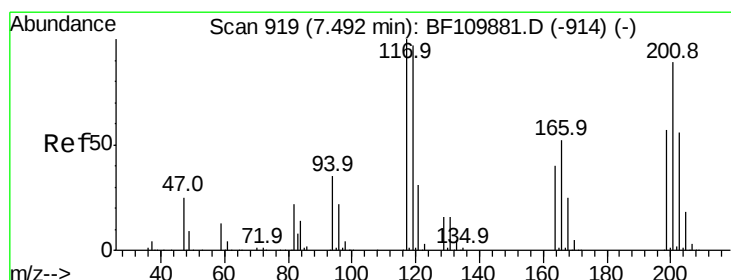
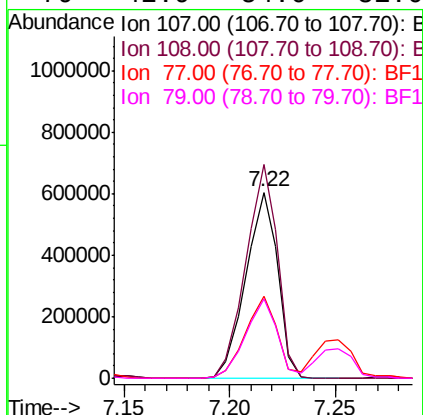
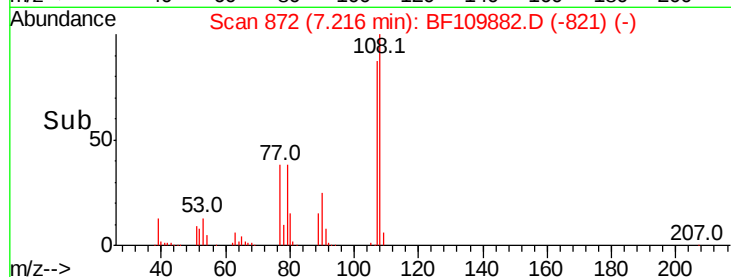
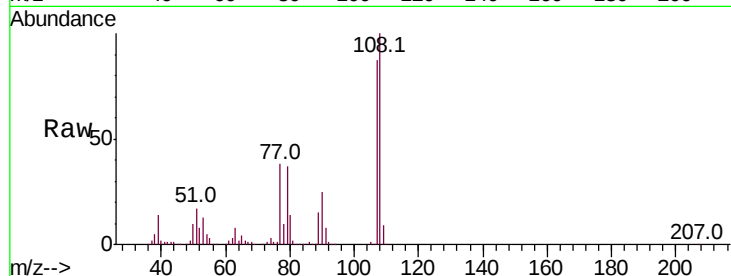




#17
2-Methylphenol
Concen: 49.937 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

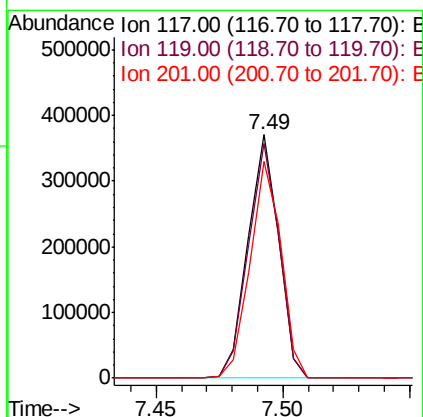
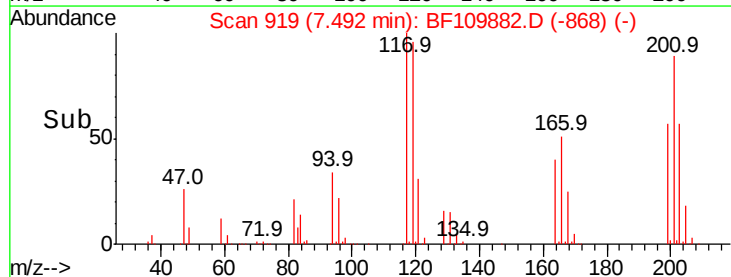
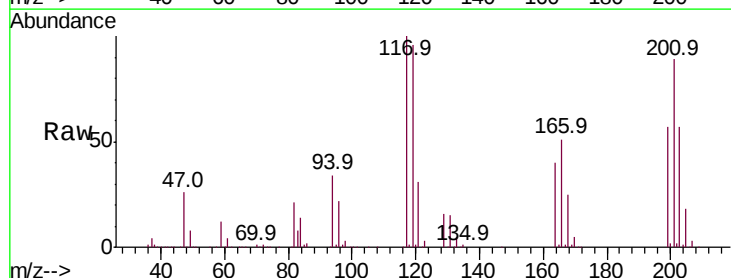
Instrument :
BNA_F
ClientSampleId :

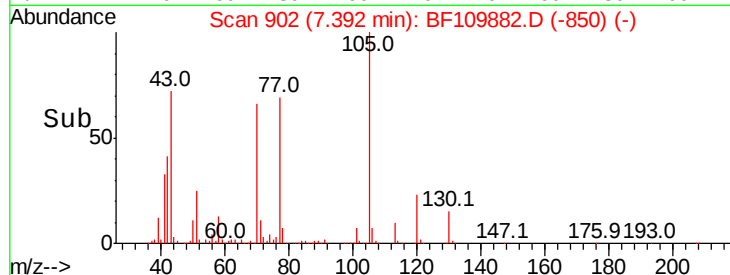
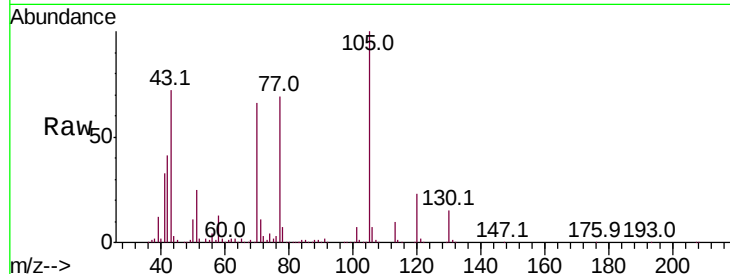
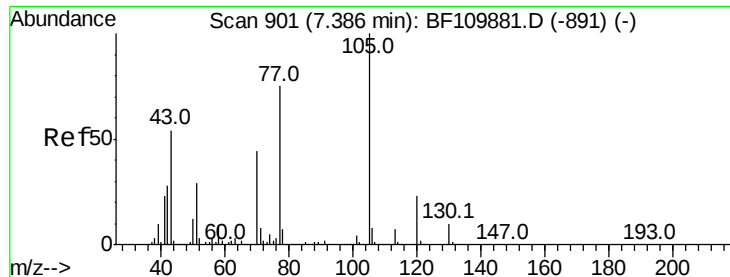
Tot Ion:107 Resp: 635029
Ion Ratio Lower Upper
107 100
108 115.1 92.6 138.8
77 44.1 59.4 89.2#
79 42.9 54.0 81.0#



#18
Hexachloroethane
Concen: 44.193 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:117 Resp: 313177
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6
201 89.1 79.2 118.8

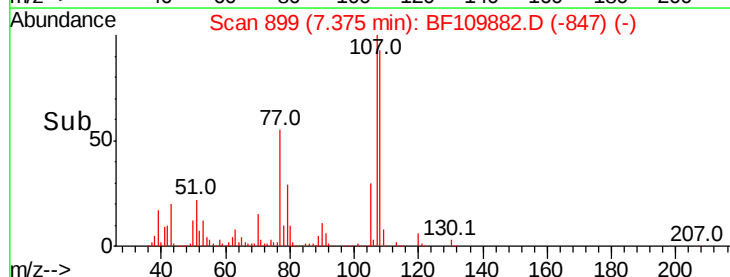
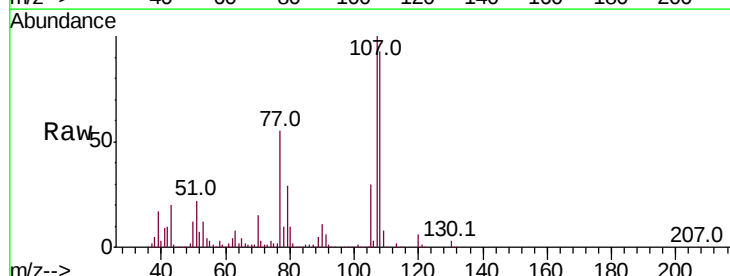
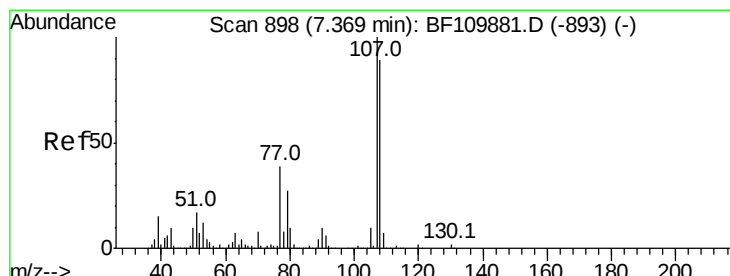
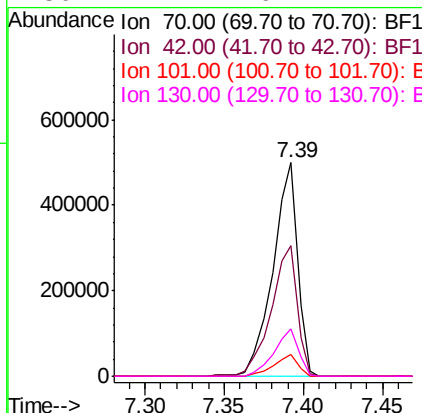




#19
n-Nitroso-di-n-propylamine
Concen: 44.379 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

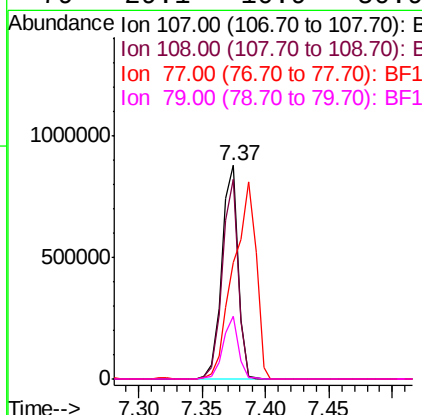
Instrument :
BNA_F
ClientSampleId :

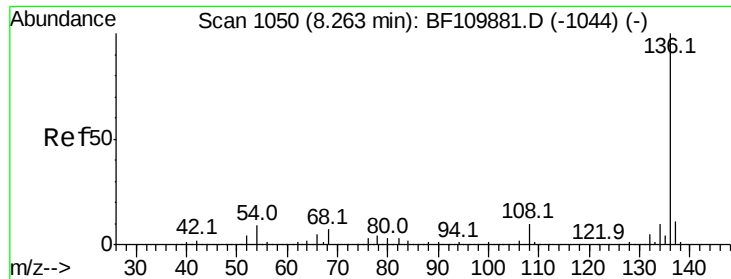
Tot Ion: 70 Resp: 543611
Ion Ratio Lower Upper
70 100
42 61.1 47.4 71.2
101 10.1 7.3 10.9
130 22.4 16.2 24.2



#20
3+4-Methylphenols
Concen: 50.554 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion: 107 Resp: 792153
Ion Ratio Lower Upper
107 100
108 93.4 71.4 111.4
77 54.8 47.3 87.3
79 29.1 10.9 50.9

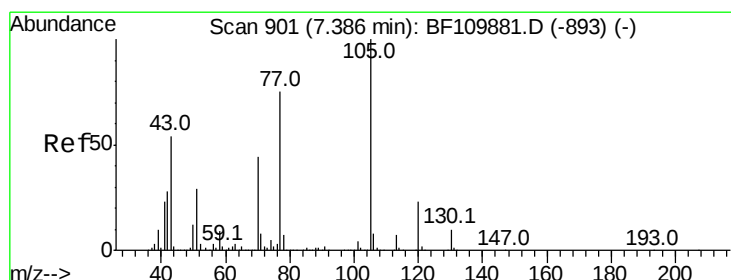
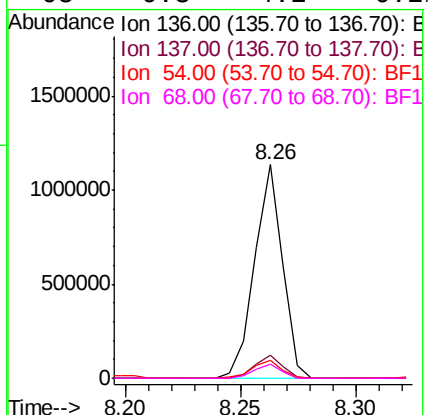
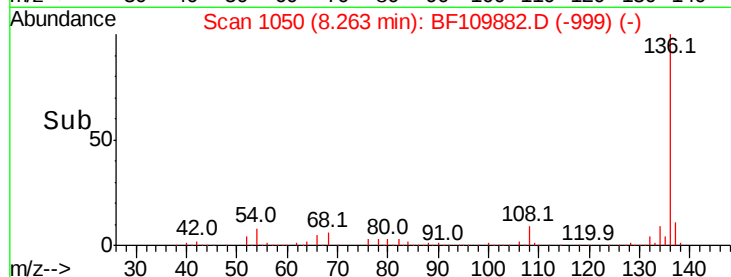
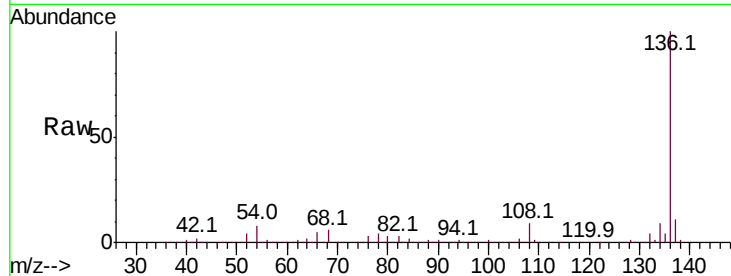




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

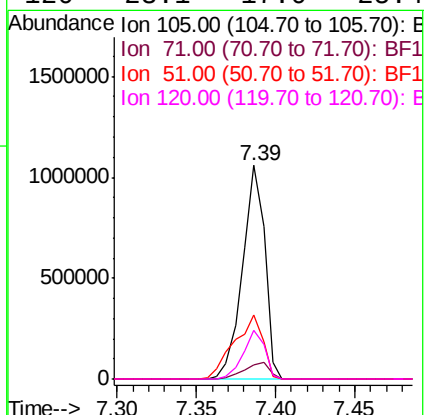
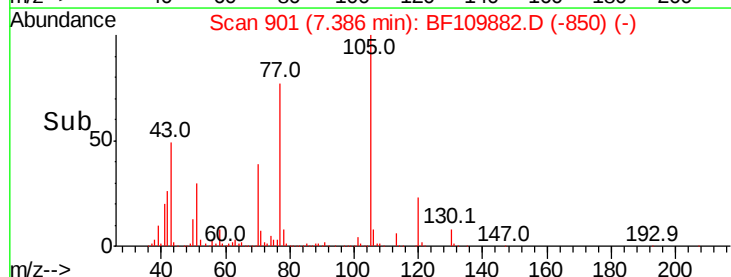
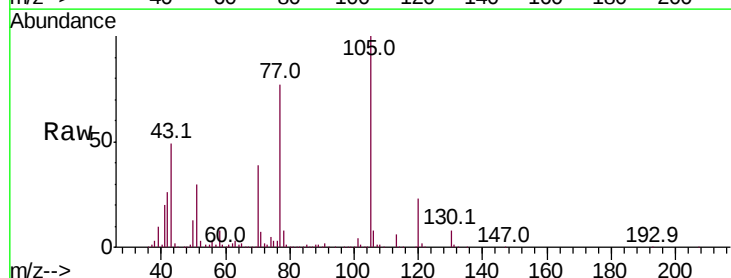
Instrument :
BNA_F
ClientSampleId :

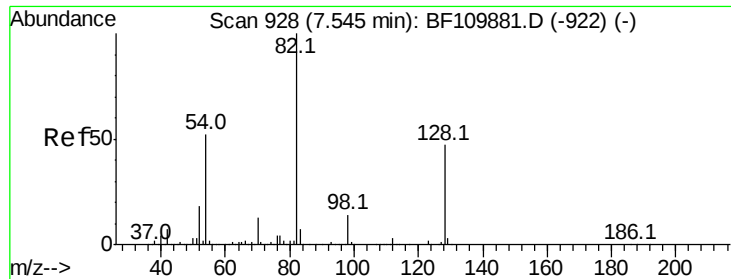
Tot Ion:136	Resp: 960562
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.3	5.4 8.2#
68 6.3	4.2 6.2#



#22
Acetophenone
Concen: 44.027 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt	Ion:105	Resp:	1022671
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.2	7.8
51	29.9	21.8	32.8
120	23.1	17.0	25.4

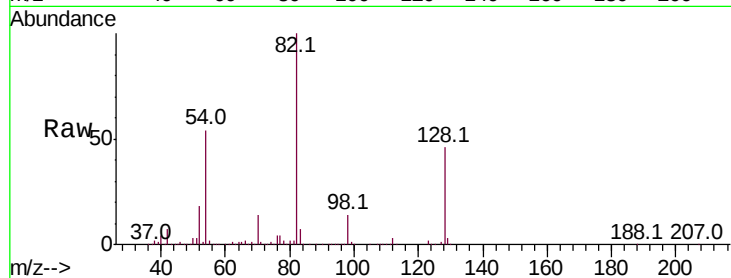




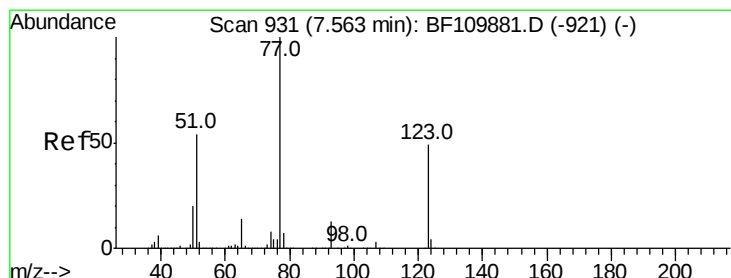
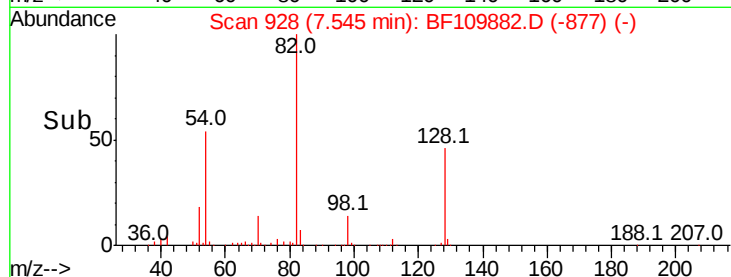
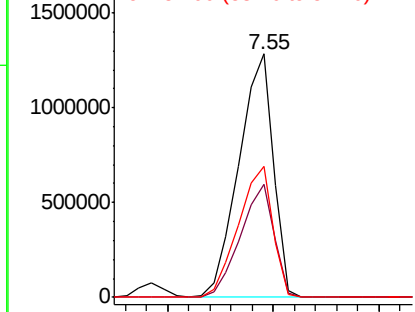
#23
Nitrobenzene-d5
Concen: 83.160 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1449118
Ion Ratio Lower Upper
82 100
128 46.3 34.2 51.2
54 53.7 38.6 58.0

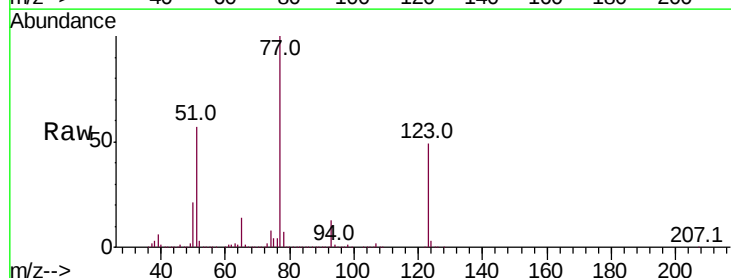


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

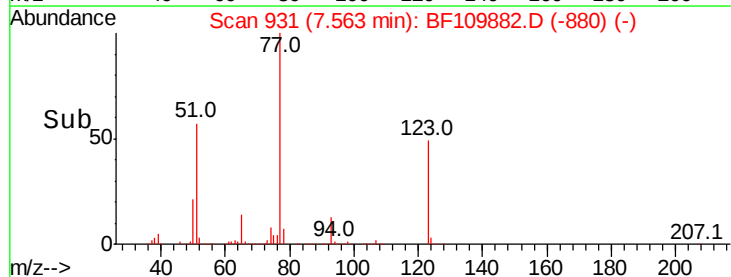
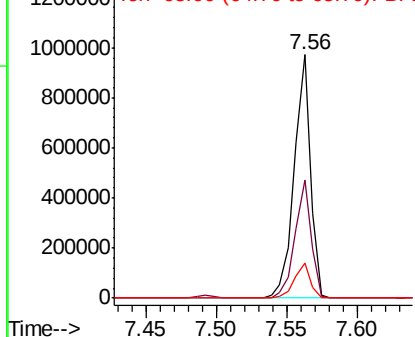


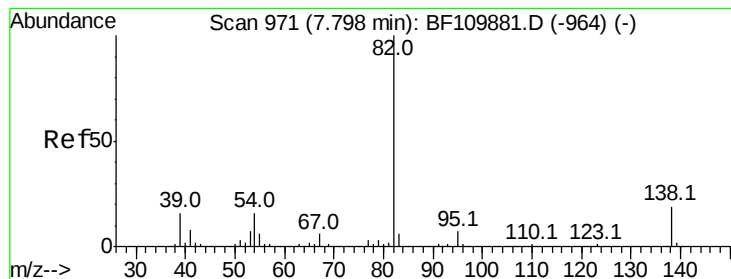
#24
Nitrobenzene
Concen: 43.064 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion: 77 Resp: 780852
Ion Ratio Lower Upper
77 100
123 48.7 35.7 53.5
65 14.2 10.7 16.1



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





#25

Isophorone

Concen: 45.955 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

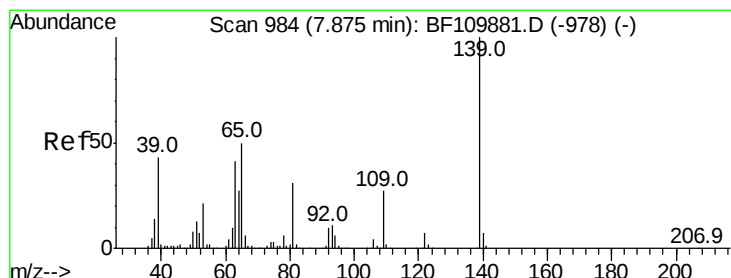
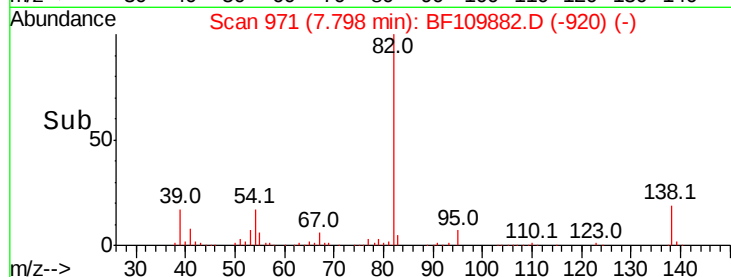
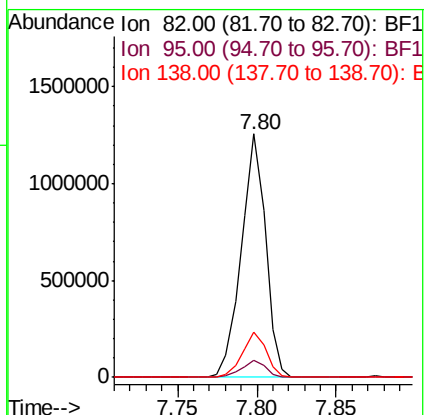
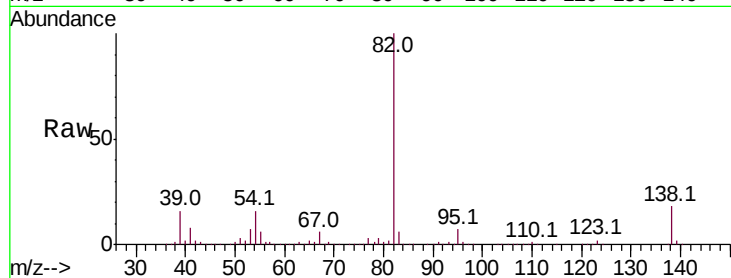
Tot Ion: 82 Resp: 1329768

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 18.4 13.2 19.8



#26

2-Nitrophenol

Concen: 39.628 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

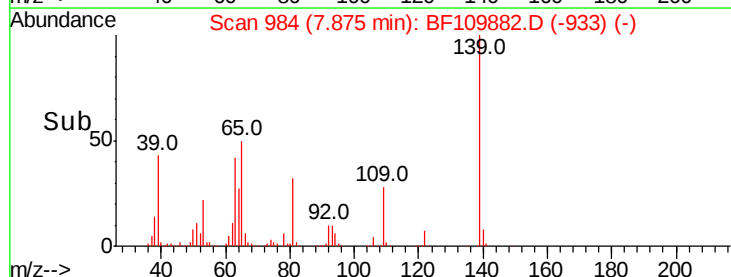
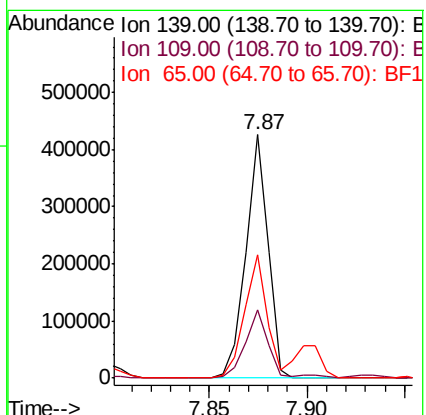
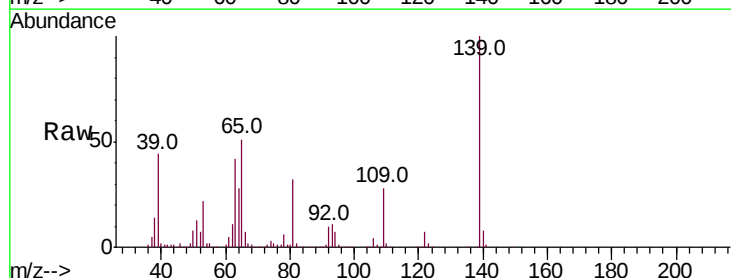
Tgt Ion:139 Resp: 336102

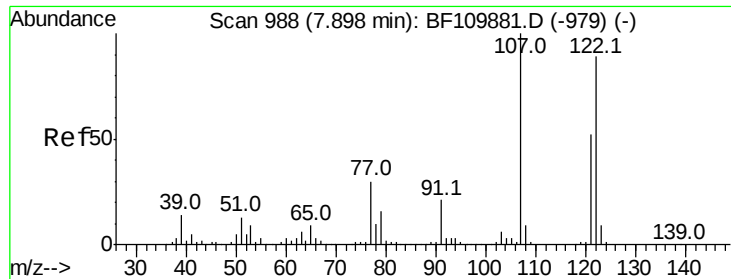
Ion Ratio Lower Upper

139 100

109 28.1 25.0 37.6

65 50.5 44.0 66.0

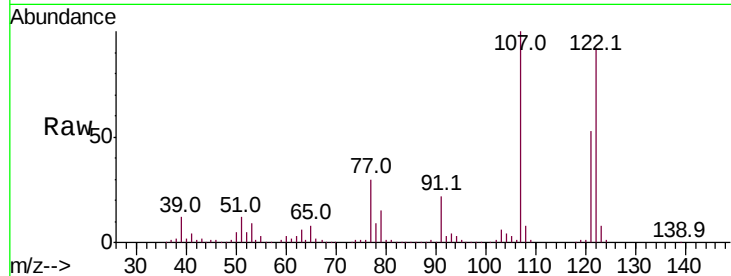




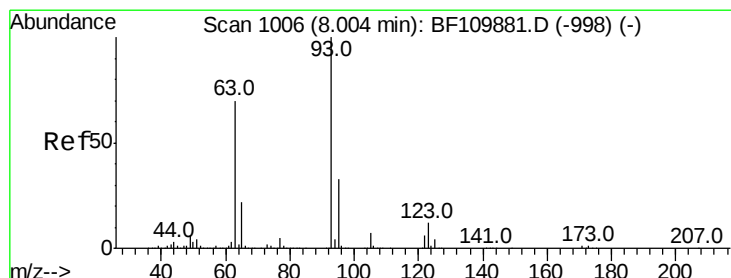
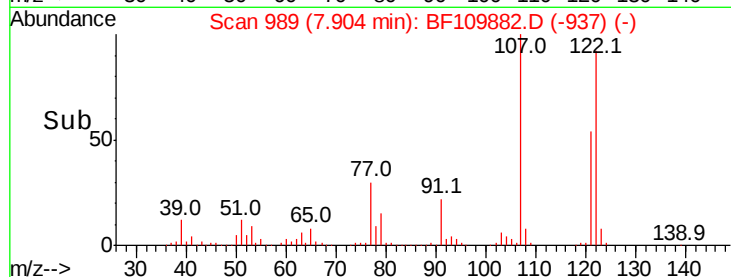
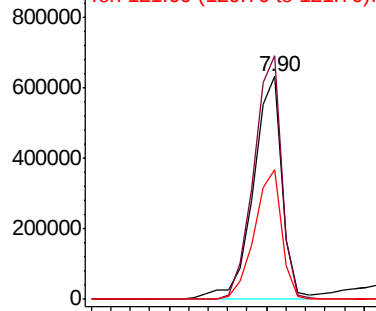
#27
 2,4-Dimethylphenol
 Concen: 52.559 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 643724
 Ion Ratio Lower Upper
 122 100
 107 109.2 92.5 138.7
 121 58.4 45.8 68.8

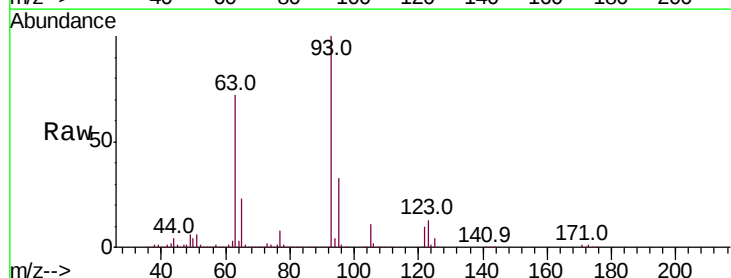


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

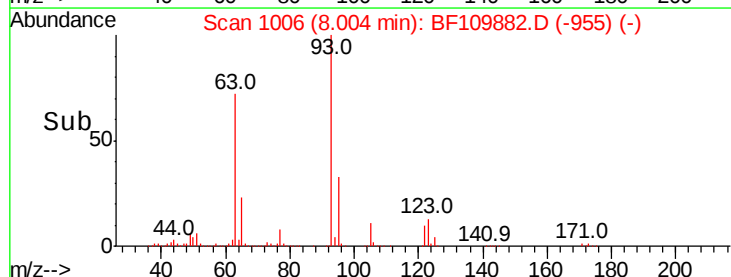
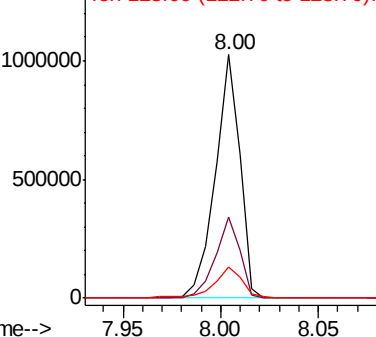


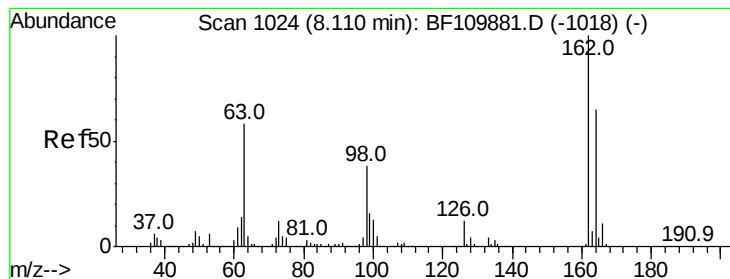
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.410 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion: 93 Resp: 888793
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.4 39.6
 123 12.6 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: 46.426 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

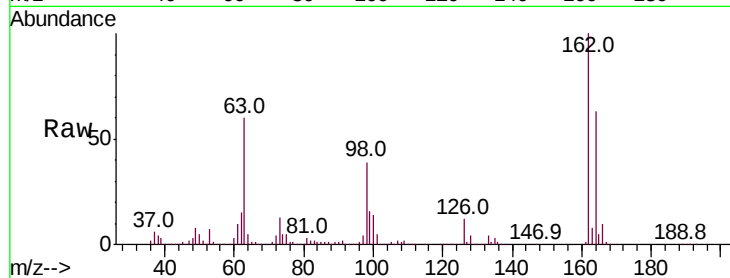
Tot Ion:162 Resp: 637786

Ion Ratio Lower Upper

162 100

164 63.2 44.6 84.6

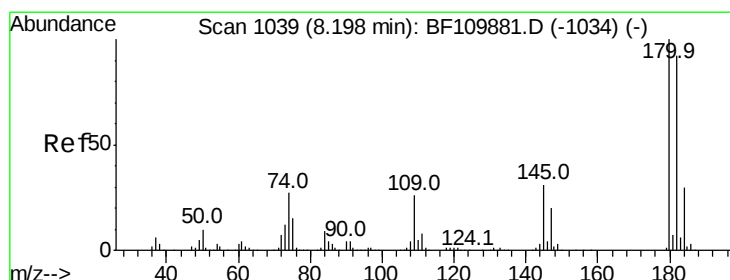
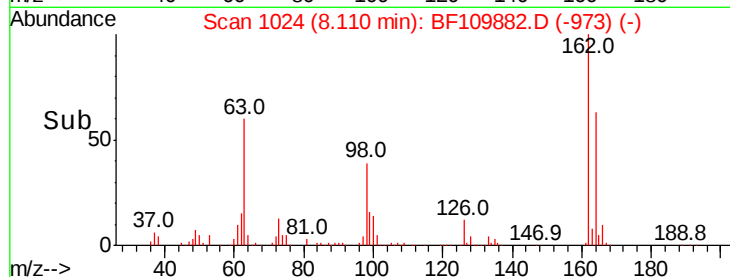
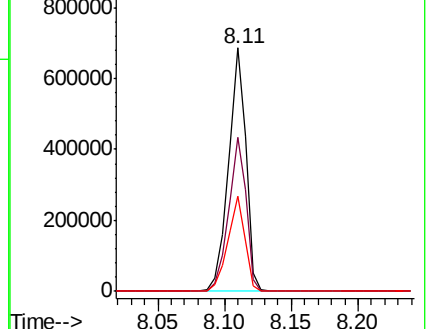
98 39.0 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.576 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

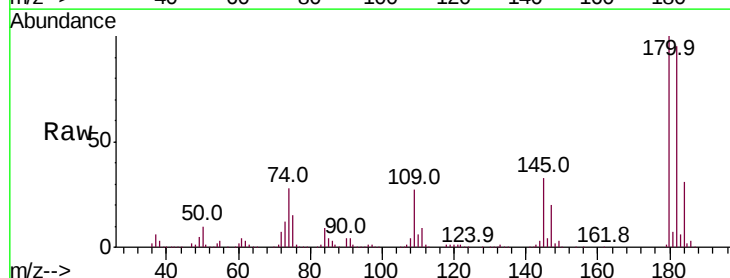
Tgt Ion:180 Resp: 693113

Ion Ratio Lower Upper

180 100

182 95.3 80.3 120.5

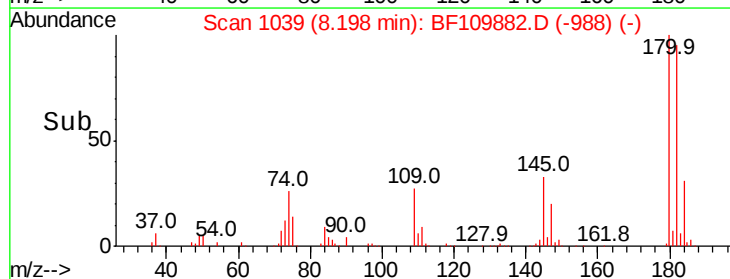
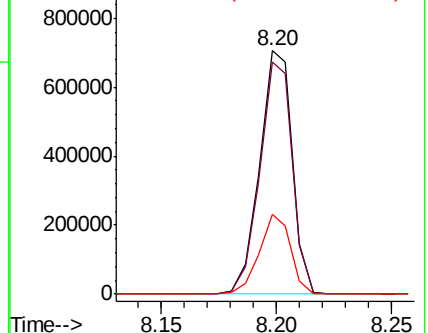
145 33.0 25.4 38.0

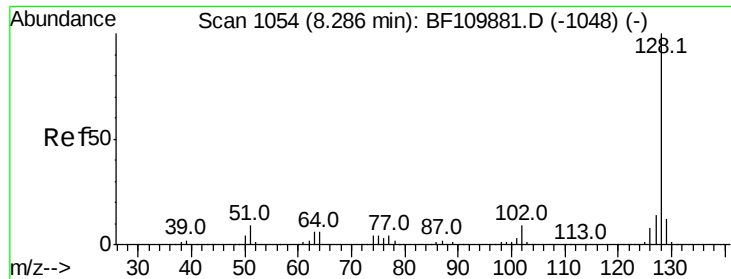


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

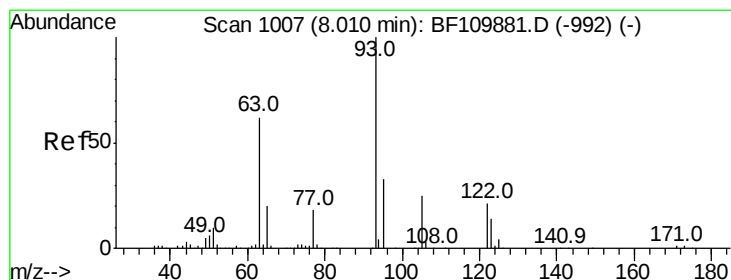
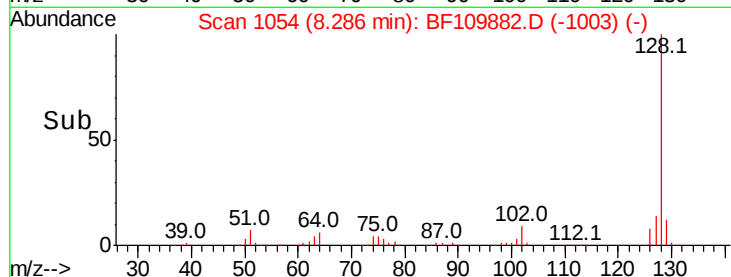
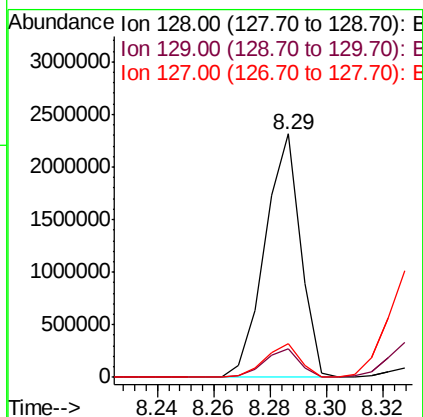
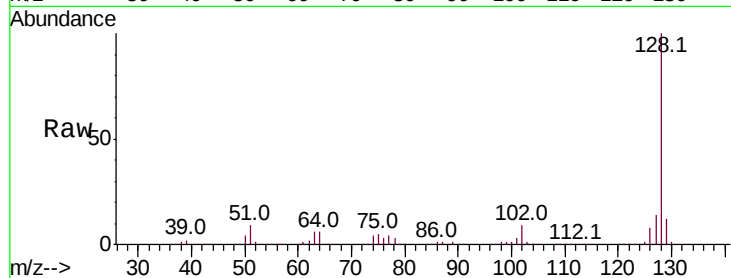




#31
Naphthalene
Concen: 45.669 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

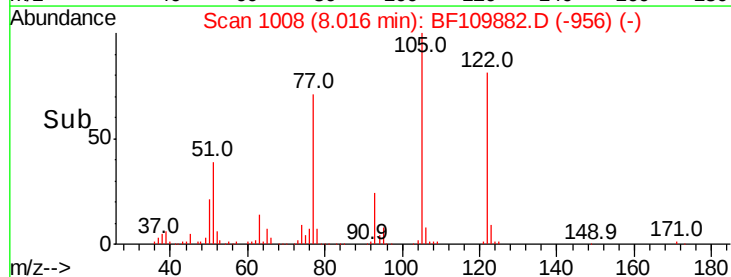
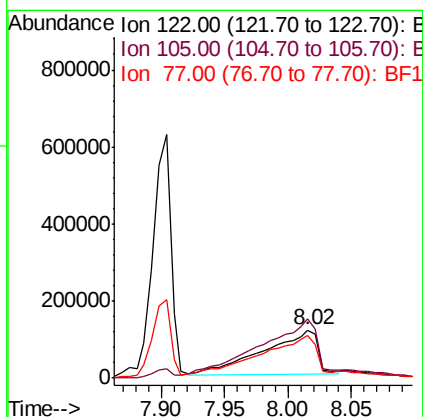
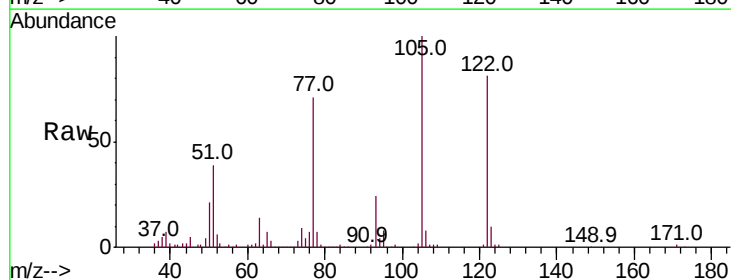
Instrument :
BNA_F
ClientSampleId :

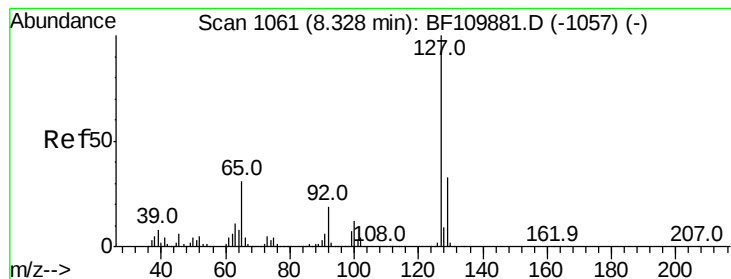
Tot Ion:128 Resp: 2028772
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 39.542 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:122 Resp: 346250
Ion Ratio Lower Upper
122 100
105 123.8 109.0 149.0
77 88.3 79.0 119.0

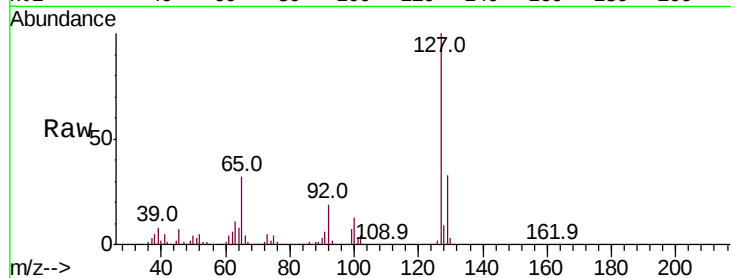




#33
4-Chloroaniline
Concen: 47.719 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	933509
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.8	25.1	37.7
92	18.6	15.0	22.6



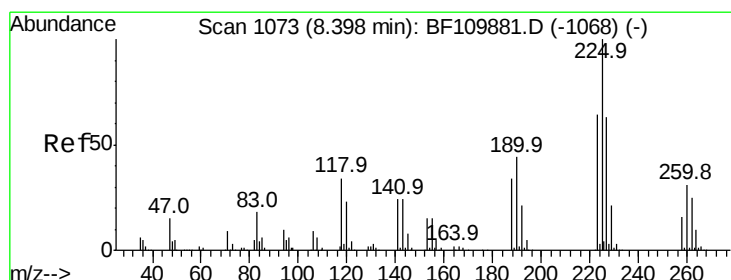
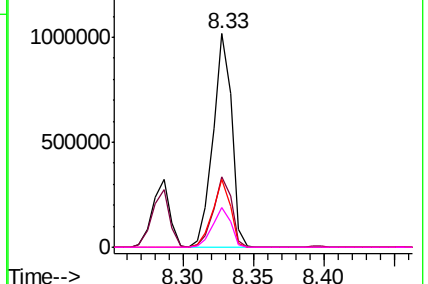
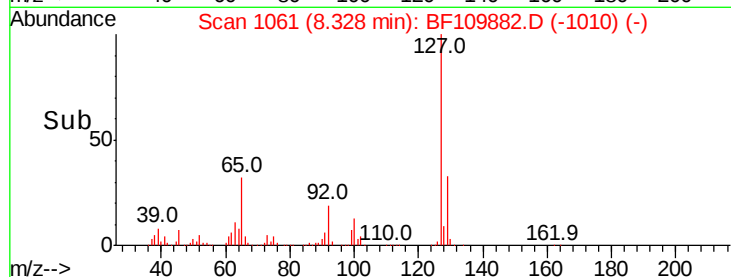
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

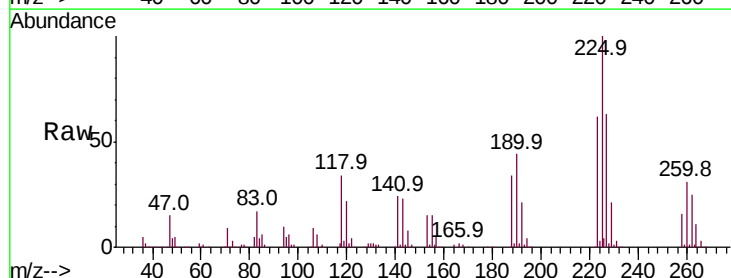
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.444 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:	225	Resp:	382424
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	62.6	51.0	76.6

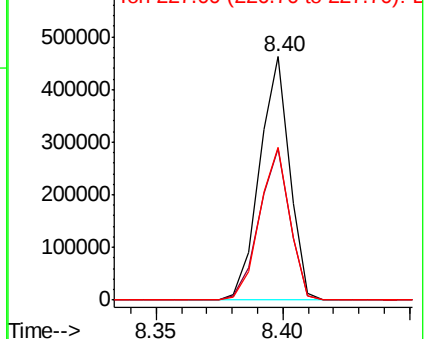
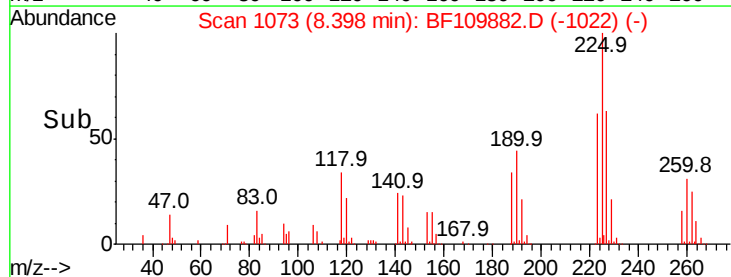


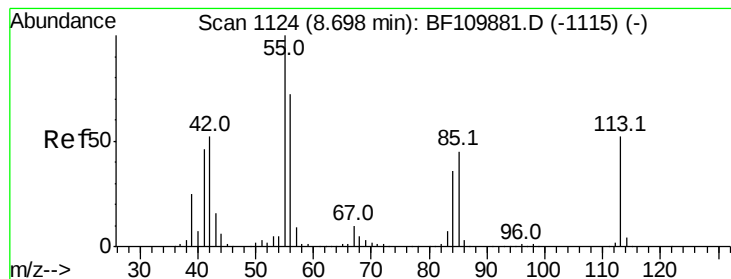
Abundance

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: 55.132 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

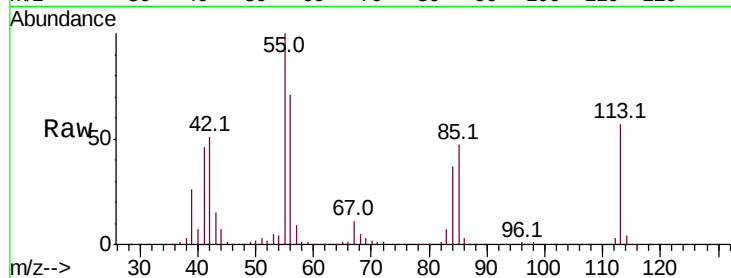
Tot Ion:113 Resp: 226187

Ion Ratio Lower Upper

113 100

55 176.1 142.8 182.8

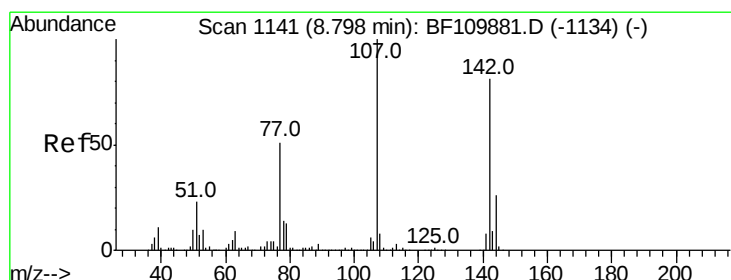
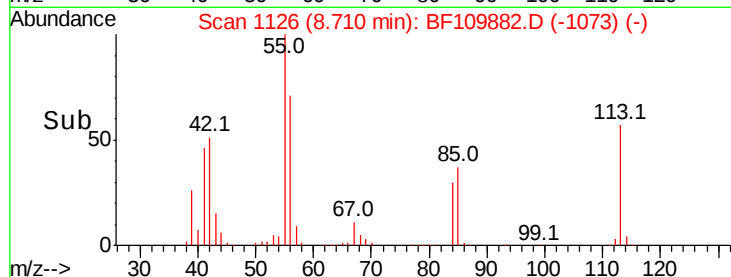
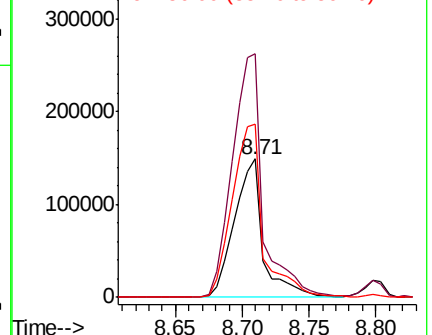
56 125.2 105.0 145.0



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: 45.597 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

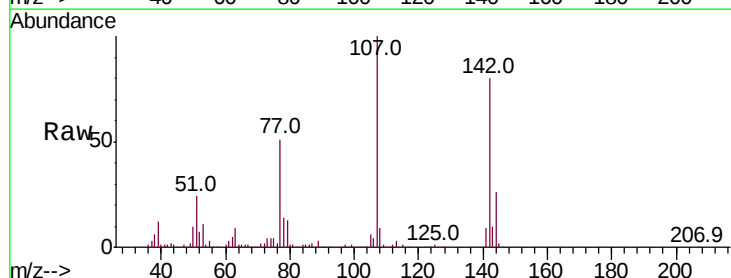
Tgt Ion:107 Resp: 661218

Ion Ratio Lower Upper

107 100

144 25.9 20.0 30.0

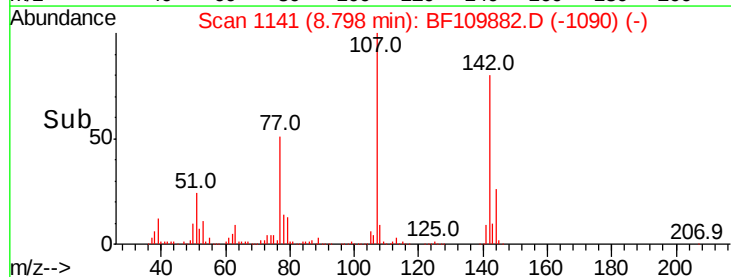
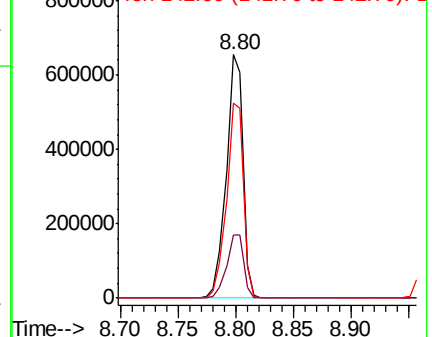
142 80.2 59.7 89.5

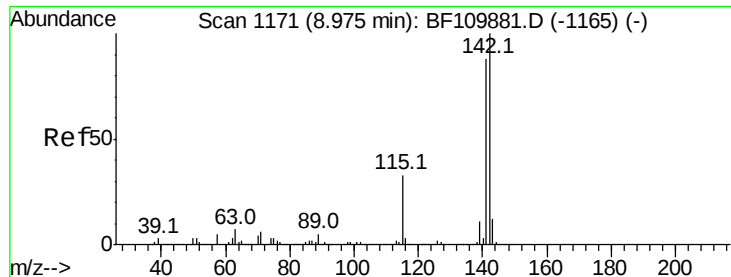


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

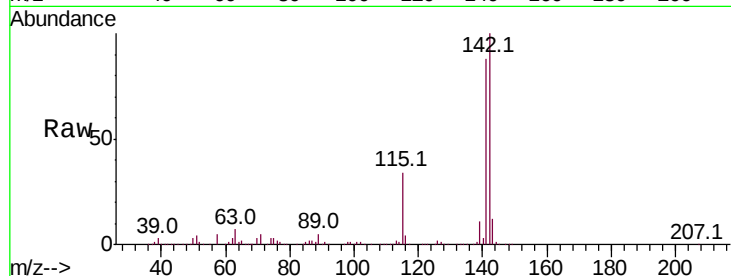




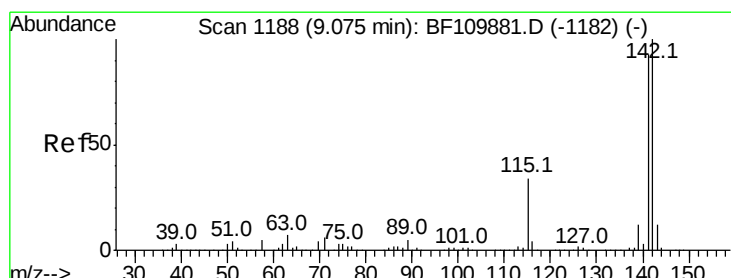
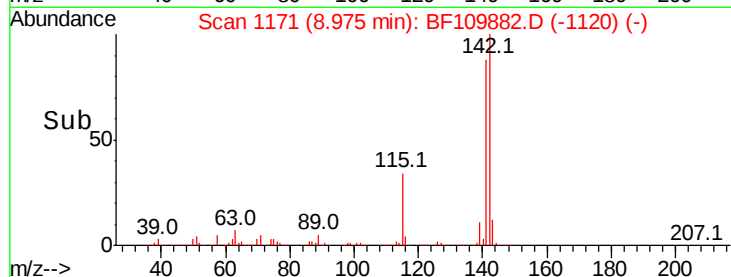
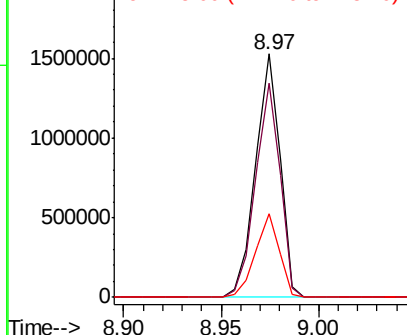
#37
2-Methylnaphthalene
Concen: 45.616 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1327383
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2
115 34.2 28.7 43.1

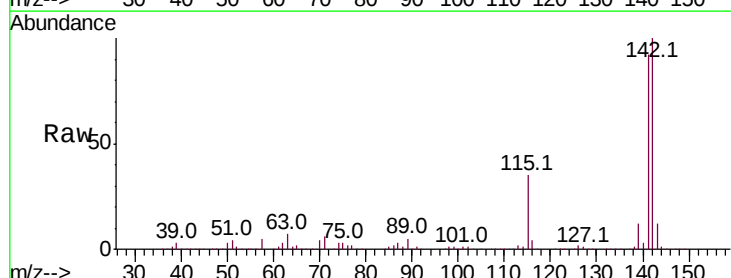


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

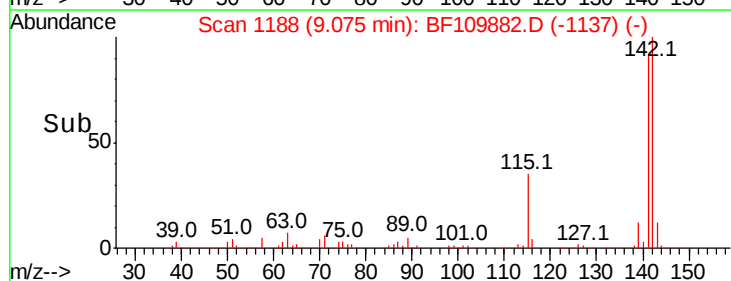
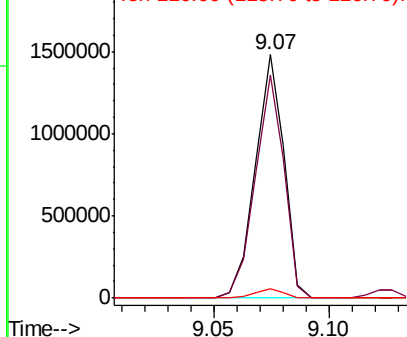


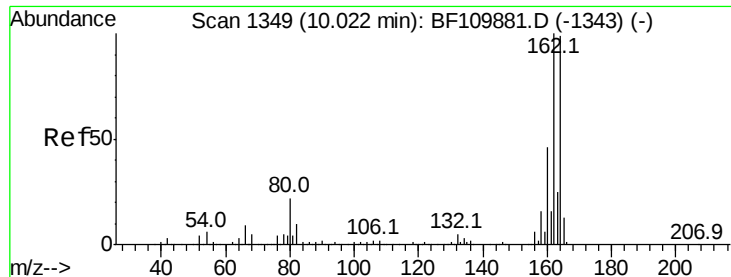
#38
1-Methylnaphthalene
Concen: 44.435 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:142 Resp: 1285463
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.6 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: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

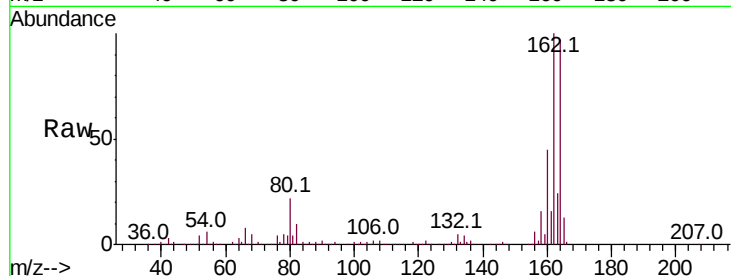
Tot Ion:164 Resp: 441288

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

160 46.8 37.0 55.6

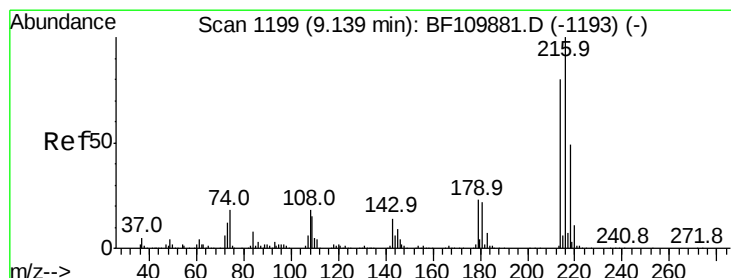
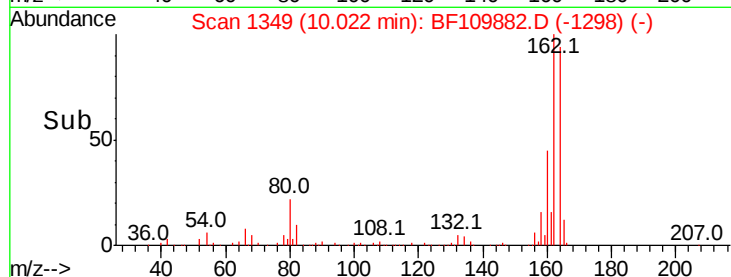
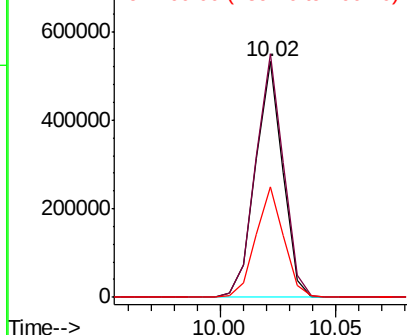


Abundance

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: 42.275 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:216 Resp: 635029

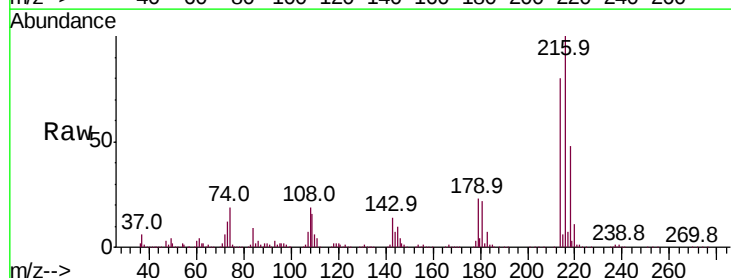
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.7 16.6 25.0

108 20.6 15.1 22.7



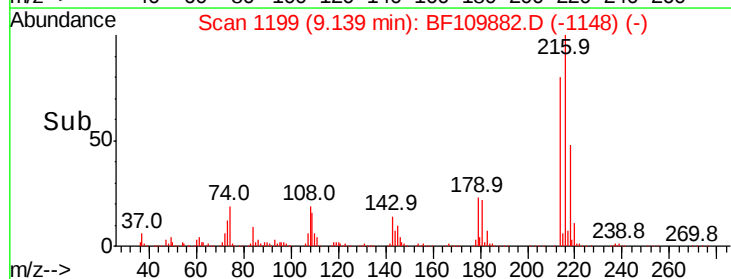
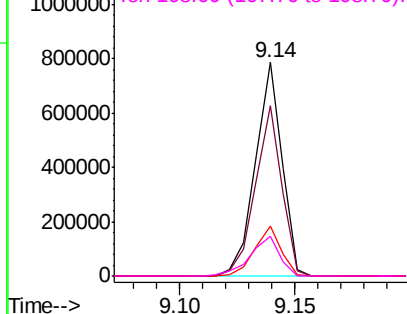
Abundance

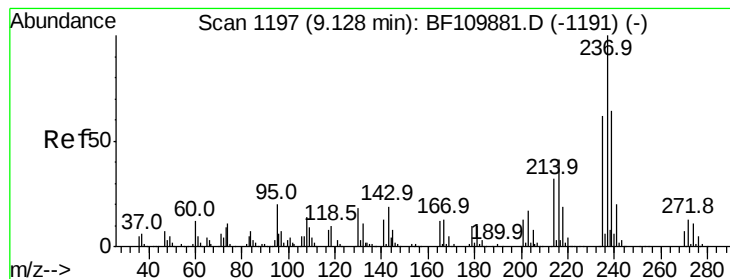
Ion 216.00 (215.70 to 216.70): E

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: 61.893 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

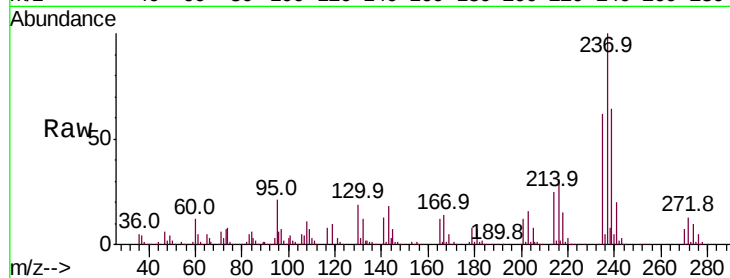
Tot Ion:237 Resp: 339279

Ion Ratio Lower Upper

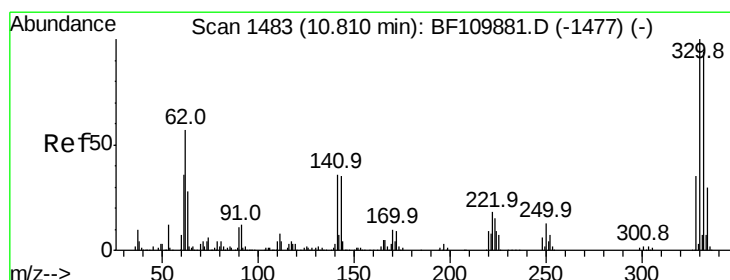
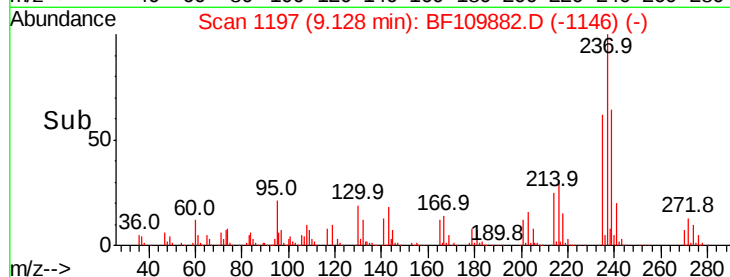
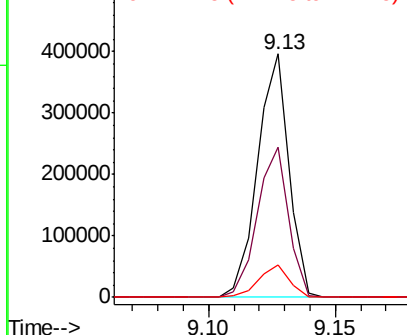
237 100

235 61.9 43.1 83.1

272 13.2 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: 79.222 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

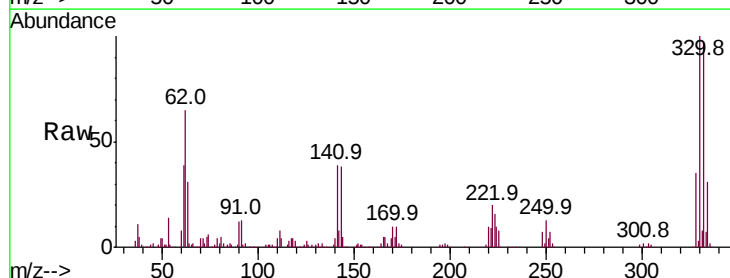
Tgt Ion:330 Resp: 380922

Ion Ratio Lower Upper

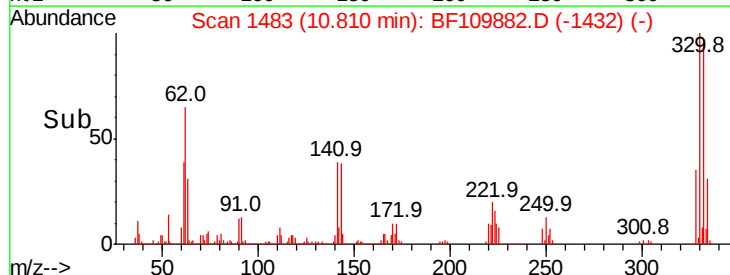
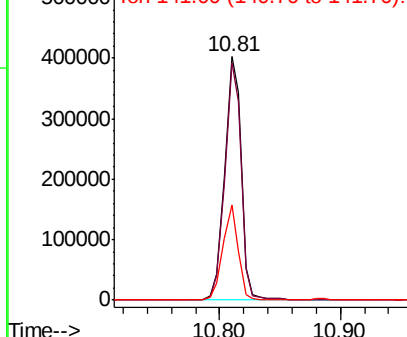
330 100

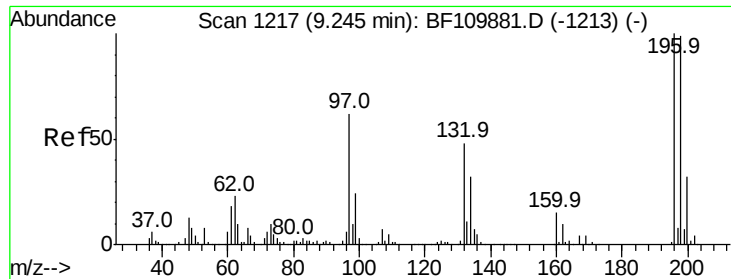
332 96.7 77.1 115.7

141 36.5 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

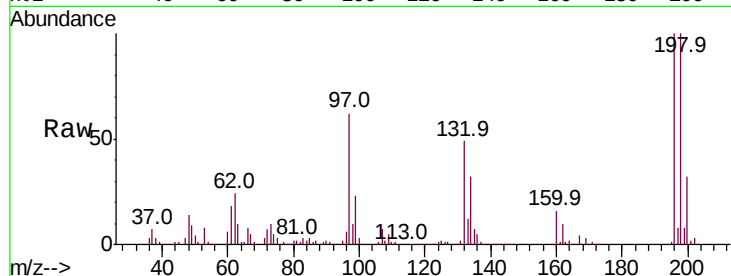




#43
 2,4,6-Trichlorophenol
 Concen: 47.032 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.2	114.4
200	32.1	24.4	36.6

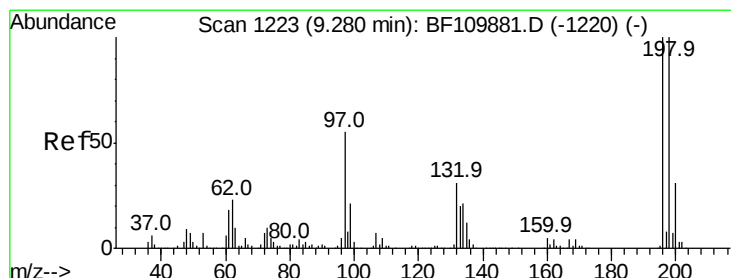
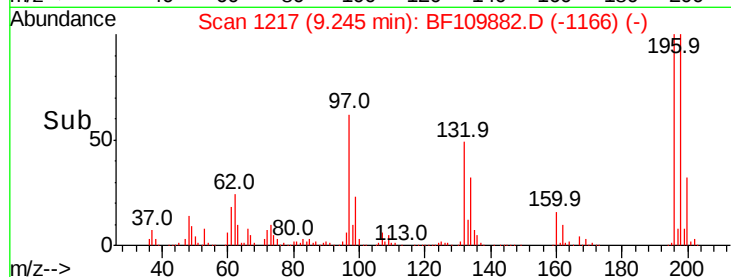
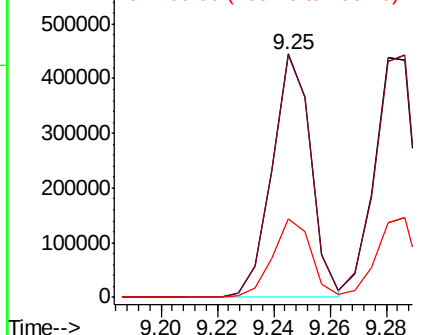


Abundance

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: 42.431 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.8	113.6
97	57.6	42.4	63.6
132	31.5	22.8	34.2

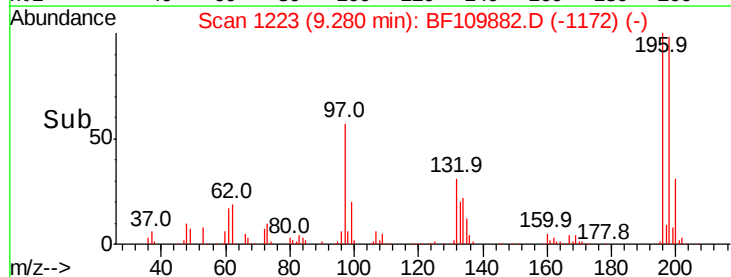
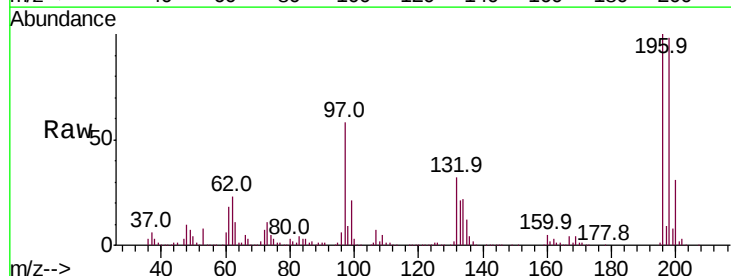
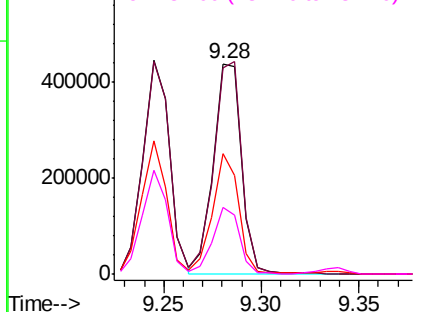
Abundance

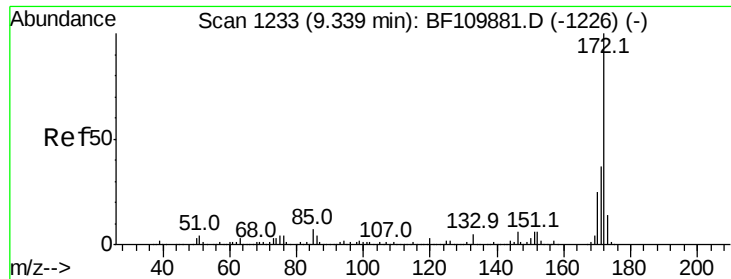
Ion 196.00 (195.70 to 196.70): E

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

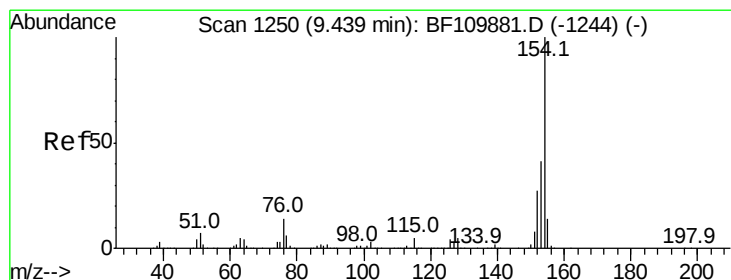
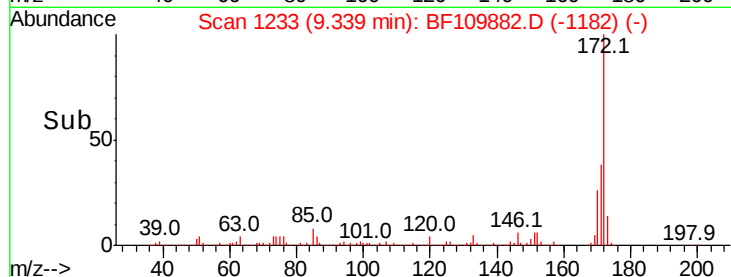
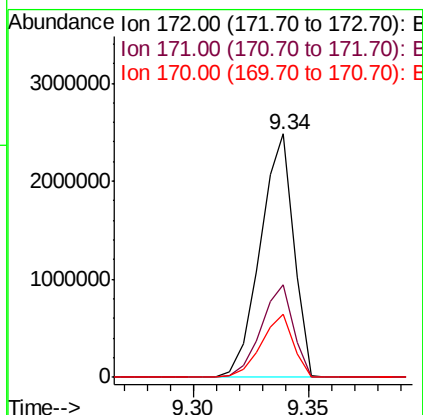
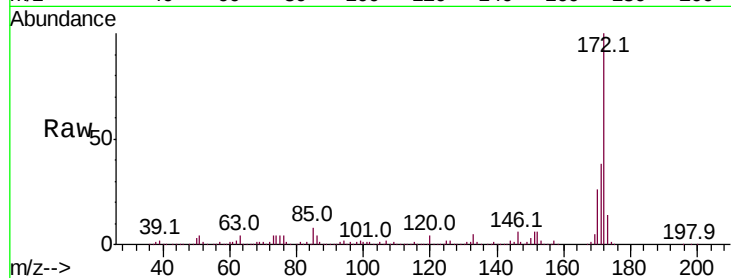




#45
2-Fluorobiphenyl
Concen: 77.936 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

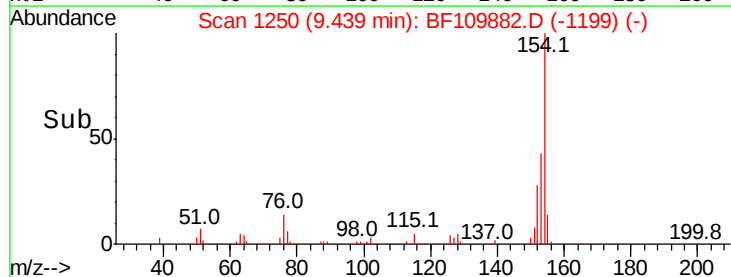
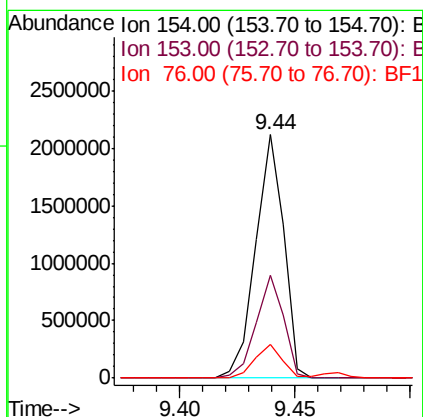
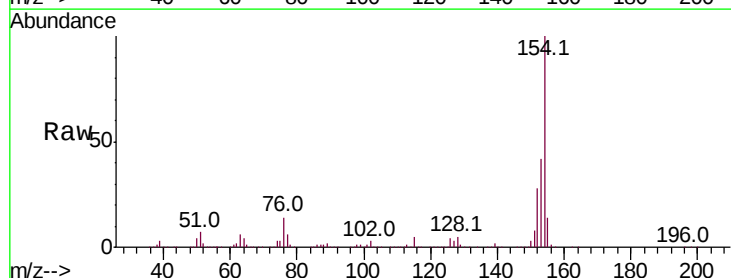
Instrument :
BNA_F
ClientSampleId :

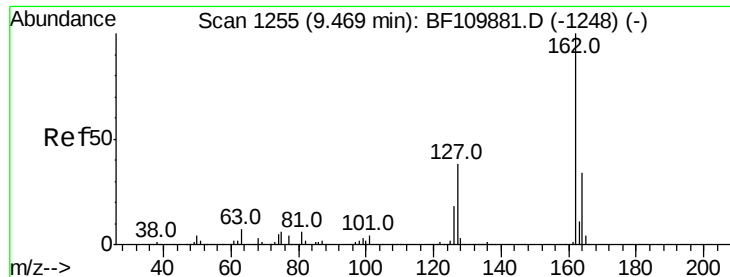
Tot Ion:172 Resp: 2497163
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 25.7 19.7 29.5



#46
1,1'-Biphenyl
Concen: 45.926 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:154 Resp: 1810505
Ion Ratio Lower Upper
154 100
153 42.5 20.4 60.4
76 13.8 0.0 31.9

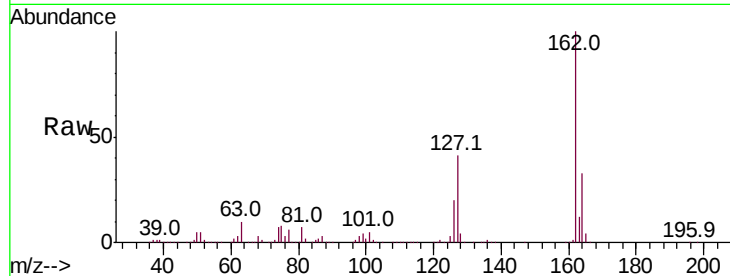




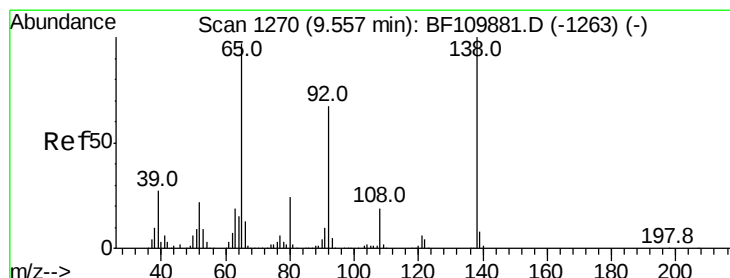
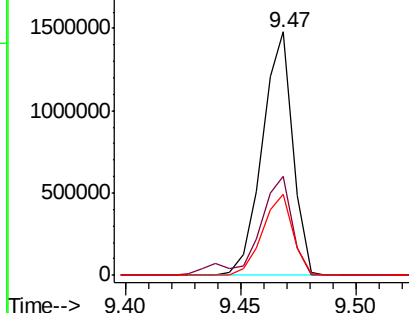
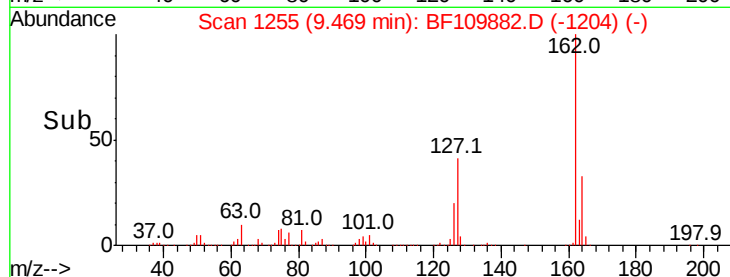
#47
 2-Chloronaphthalene
 Concen: 46.009 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1358889
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 33.4 25.9 38.9

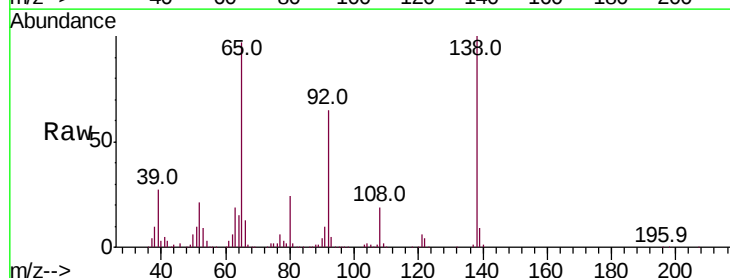


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

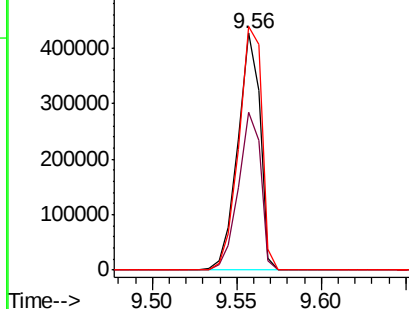
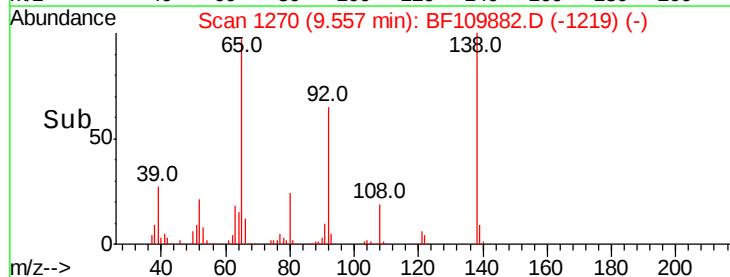


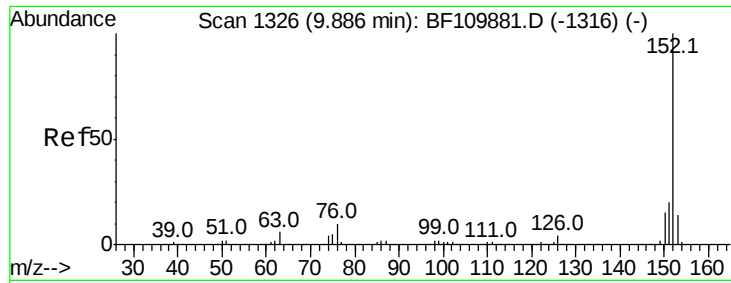
#48
 2-Nitroaniline
 Concen: 43.715 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion: 65 Resp: 390940
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 81.8
 138 102.7 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.627 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

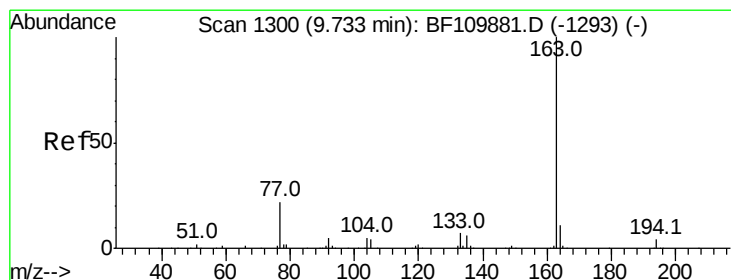
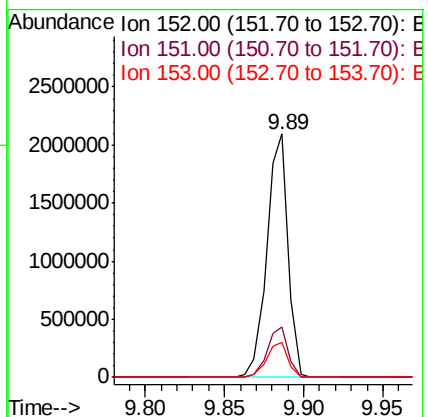
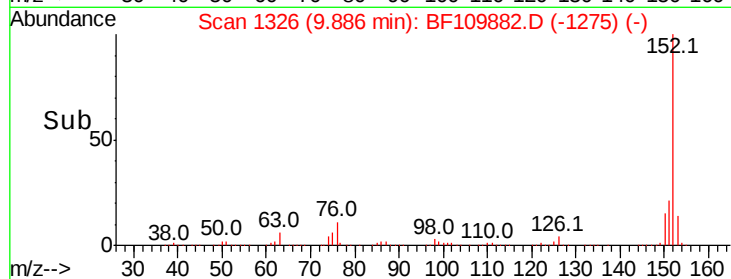
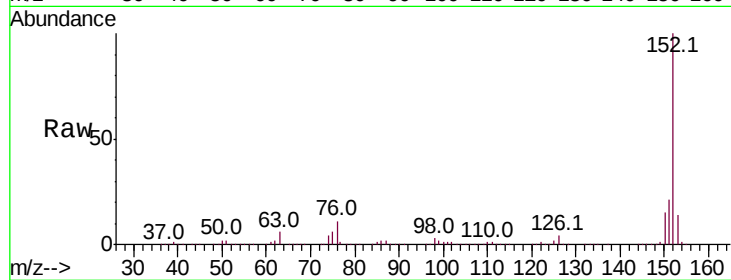
Tot Ion:152 Resp: 1964592

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

153 14.1 10.4 15.6



#50

Dimethylphthalate

Concen: 45.387 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

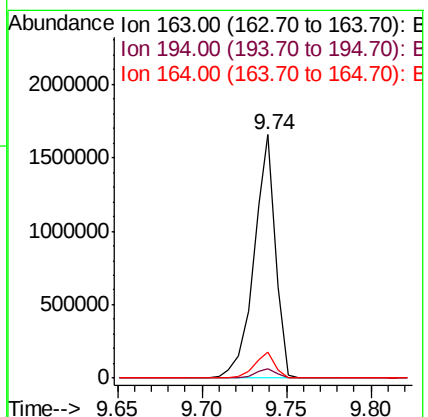
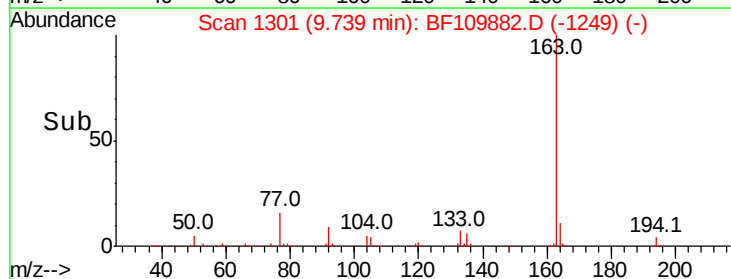
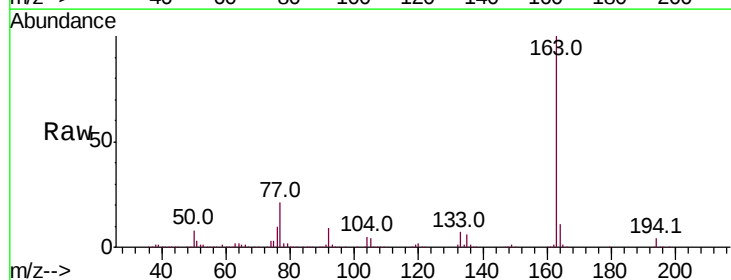
Tgt Ion:163 Resp: 1468907

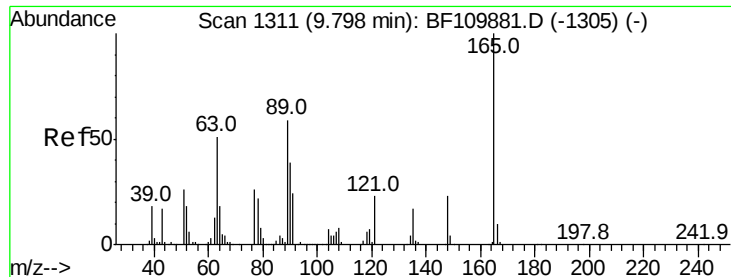
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.7 8.1 12.1

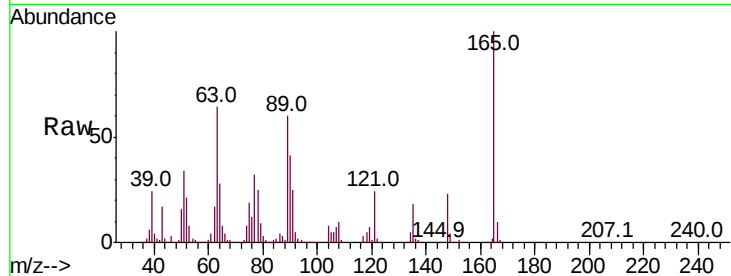




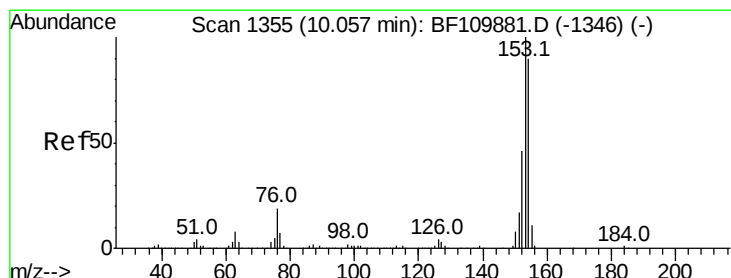
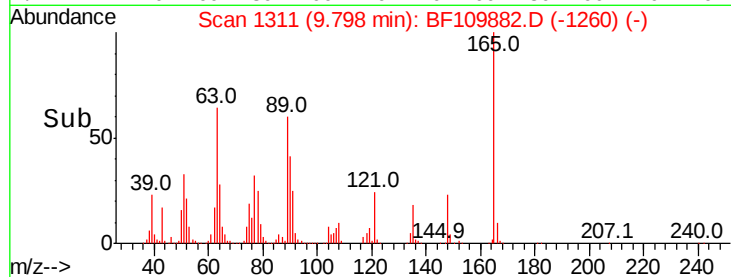
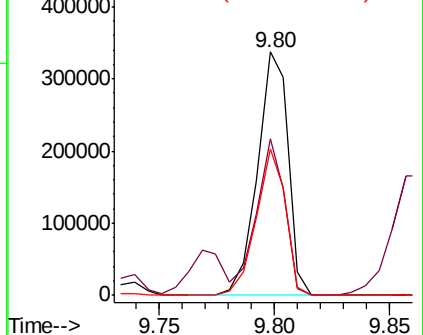
#51
 2,6-Dinitrotoluene
 Concen: 44.479 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 312040
 Ion Ratio Lower Upper
 165 100
 63 64.3 48.9 73.3
 89 59.9 46.6 69.8

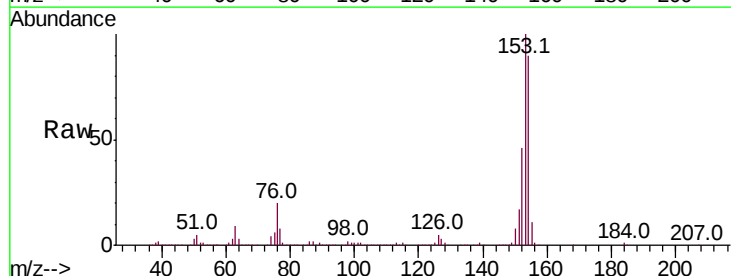


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

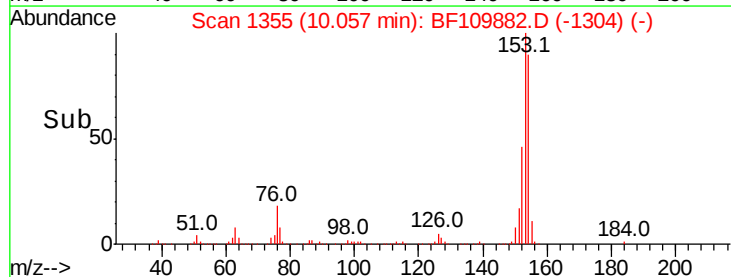
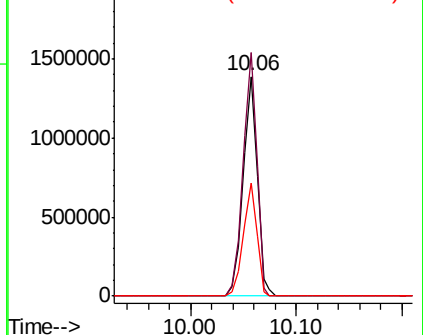


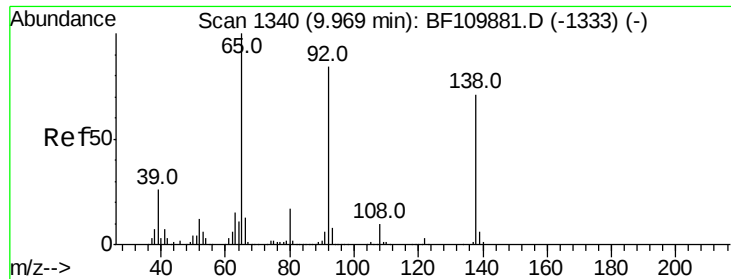
#52
 Acenaphthene
 Concen: 49.652 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion:154 Resp: 1267372
 Ion Ratio Lower Upper
 154 100
 153 110.8 90.1 135.1
 152 51.4 43.4 65.2



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

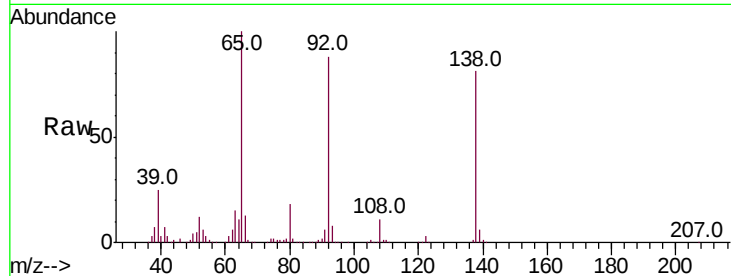




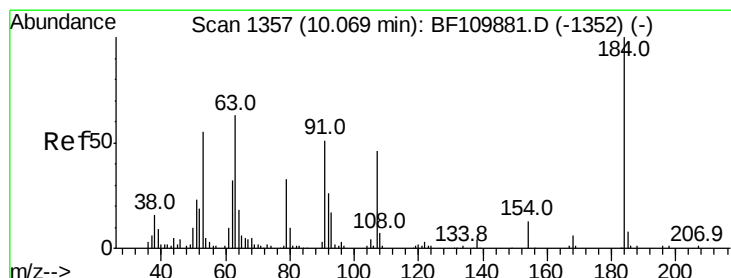
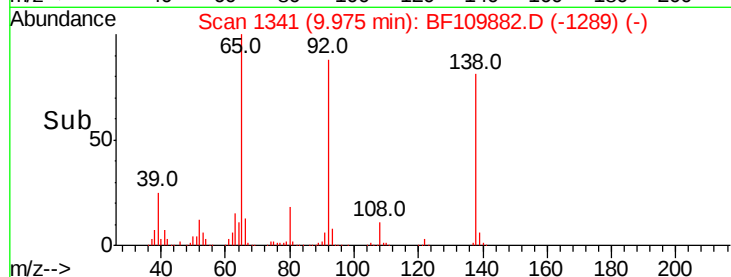
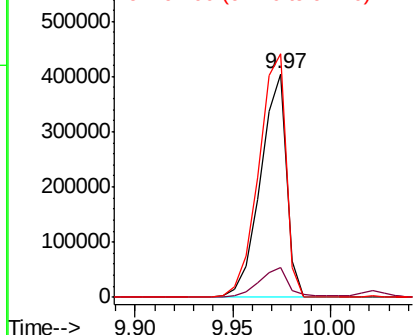
#53
3-Nitroaniline
Concen: 47.507 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 373598
Ion Ratio Lower Upper
138 100
108 13.1 8.7 13.1#
92 109.0 97.0 145.4

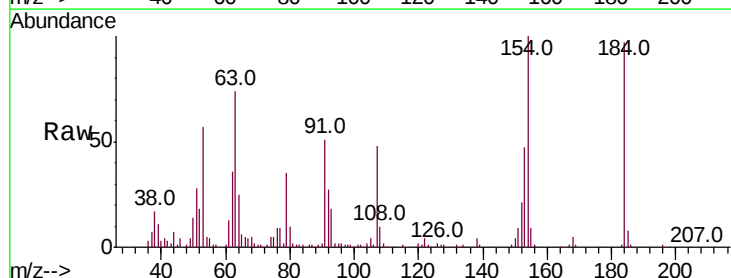


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

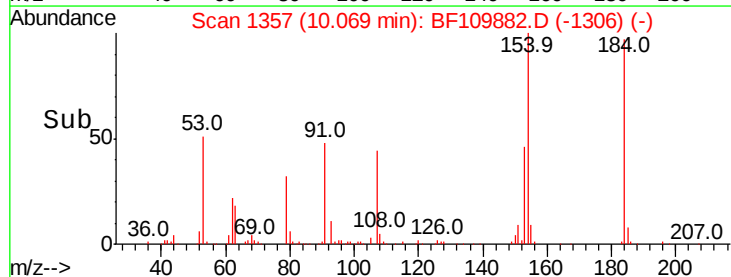
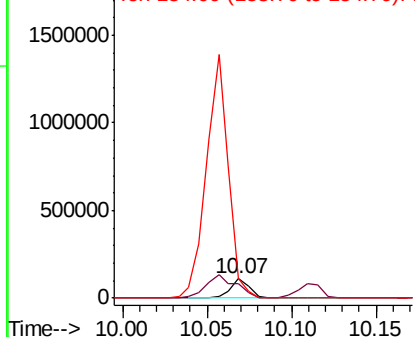


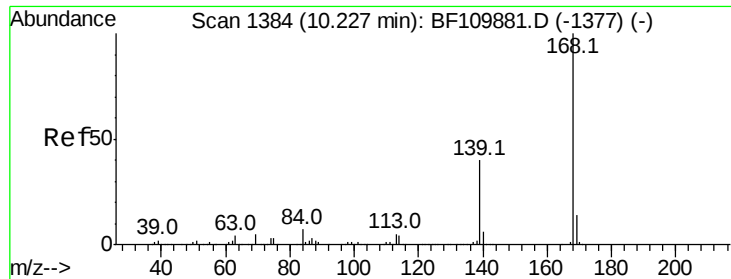
#54
2,4-Dinitrophenol
Concen: 36.579 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:184 Resp: 82795
Ion Ratio Lower Upper
184 100
63 76.3 55.8 83.6
154 103.1 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

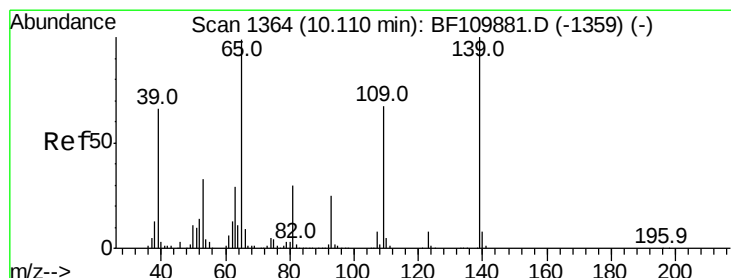
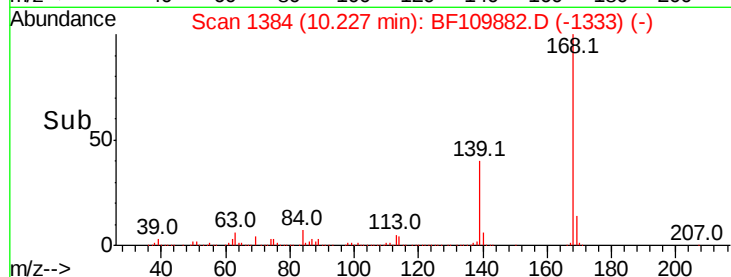
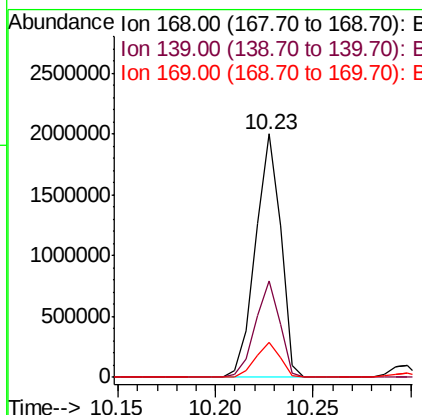
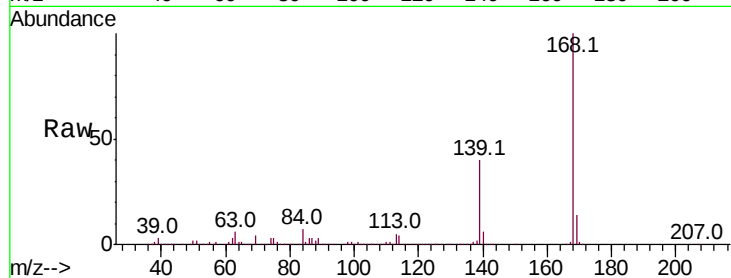




#55
Dibenzenofuran
Concen: 46.628 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

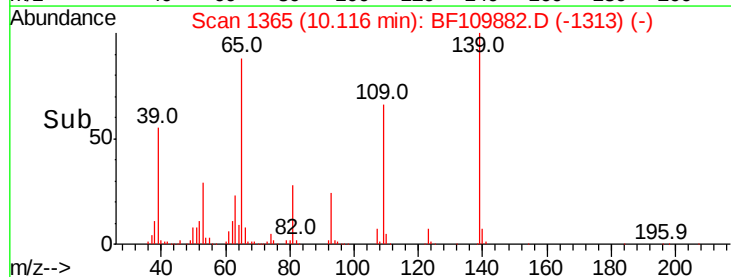
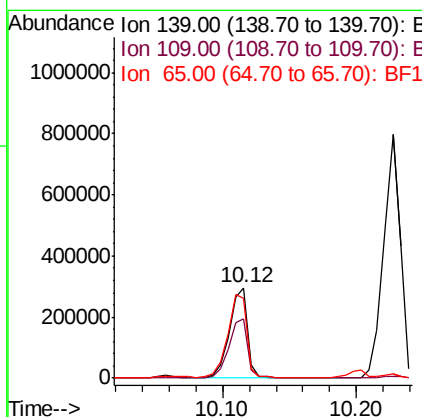
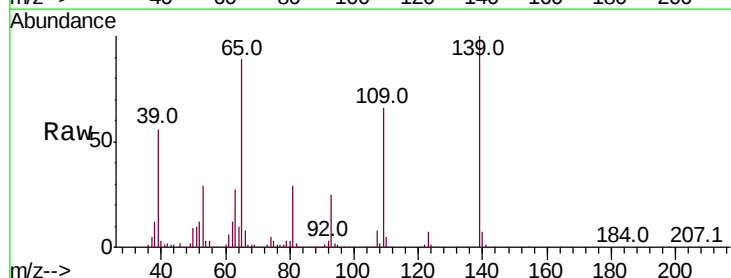
Instrument :
BNA_F
ClientSampleId :

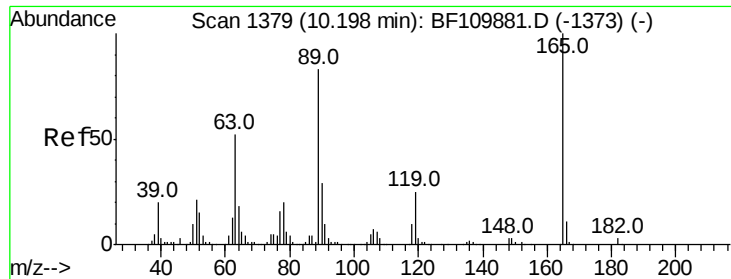
Tot Ion:168 Resp: 1784021
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 66.461 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:139 Resp: 286086
Ion Ratio Lower Upper
139 100
109 66.3 55.8 95.8
65 88.6 77.9 117.9

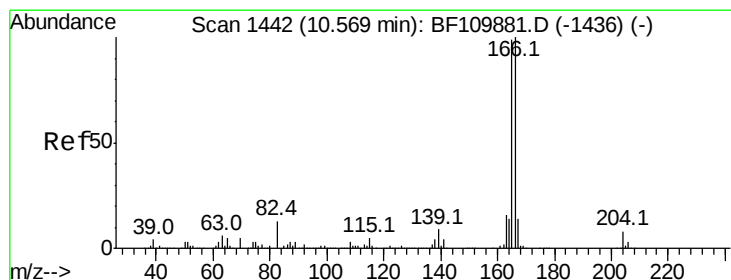
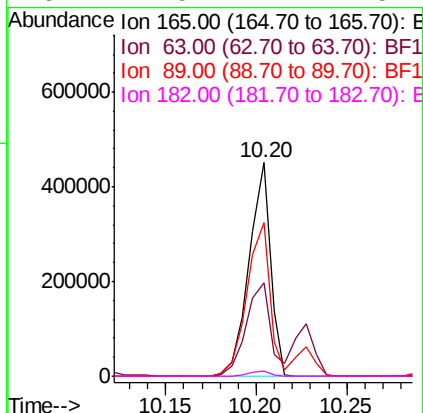
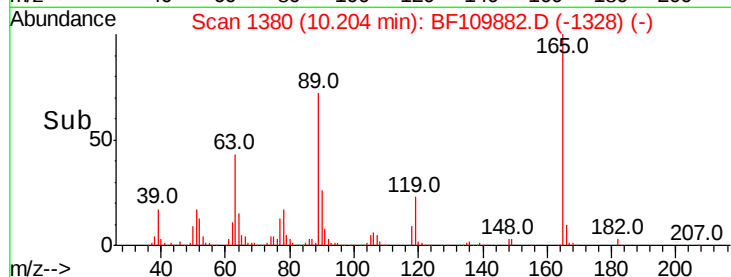
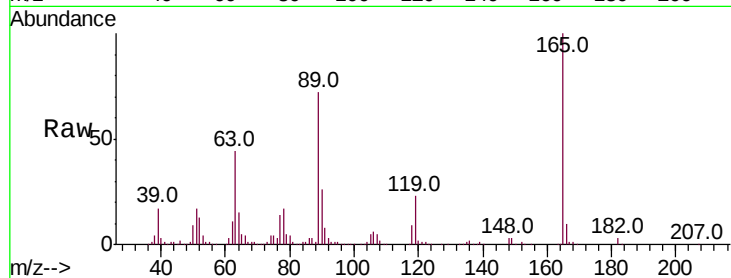




#57
2,4-Dinitrotoluene
Concen: 42.622 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

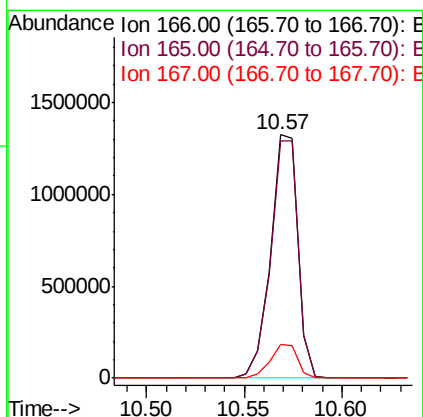
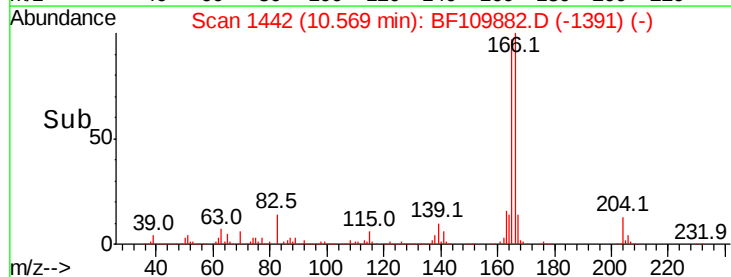
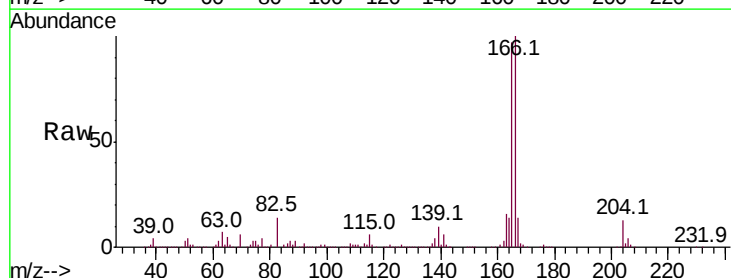
Instrument :
BNA_F
ClientSampleId :

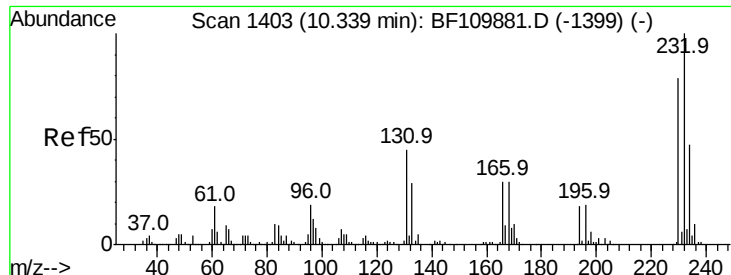
Tot Ion:165 Resp: 373157
Ion Ratio Lower Upper
165 100
63 43.7 44.8 67.2#
89 72.1 62.2 93.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.724 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:166 Resp: 1277893
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.9 10.8 16.2

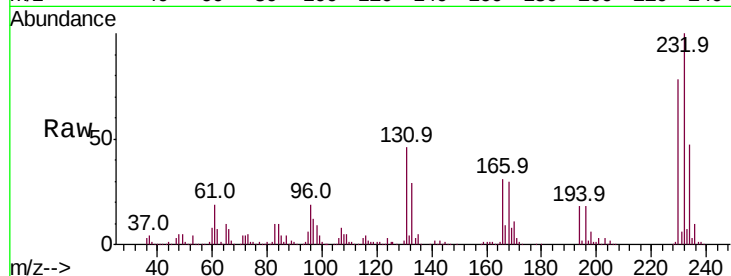




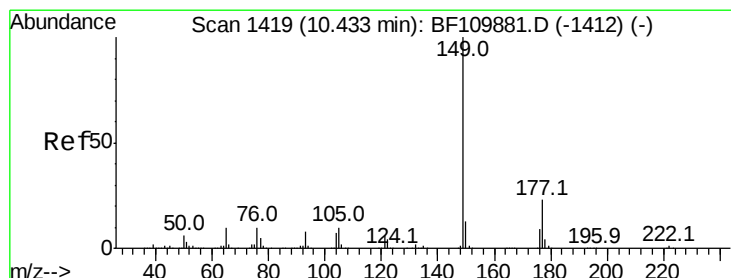
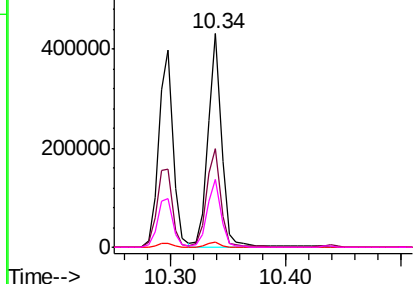
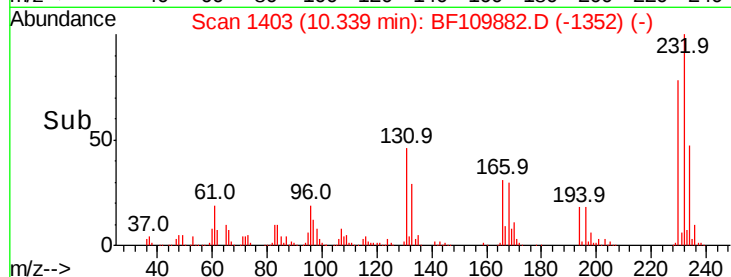
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.962 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 352186
 Ion Ratio Lower Upper
 232 100
 131 48.1 37.0 55.4
 130 2.4 1.8 2.6
 166 32.1 22.0 33.0

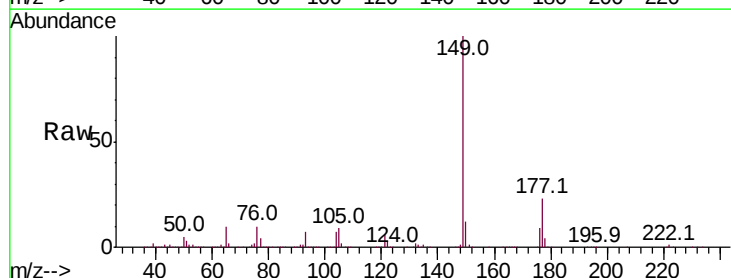


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

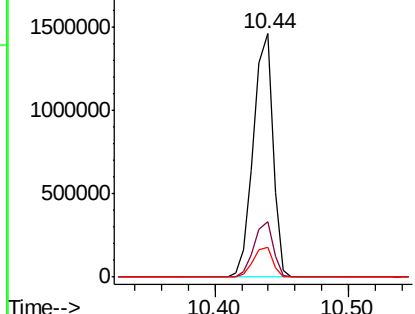
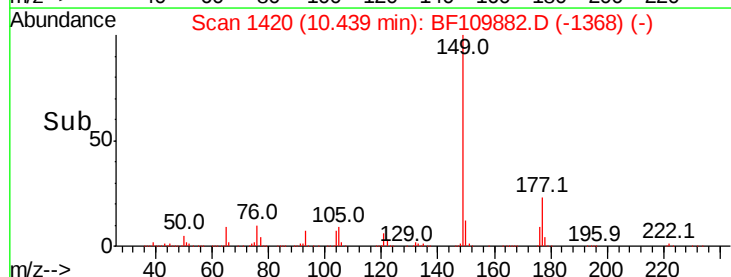


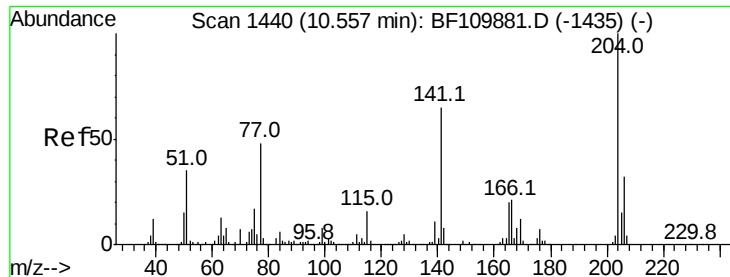
#60
 Diethylphthalate
 Concen: 45.466 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion:149 Resp: 1457956
 Ion Ratio Lower Upper
 149 100
 177 22.9 17.4 26.2
 150 12.5 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

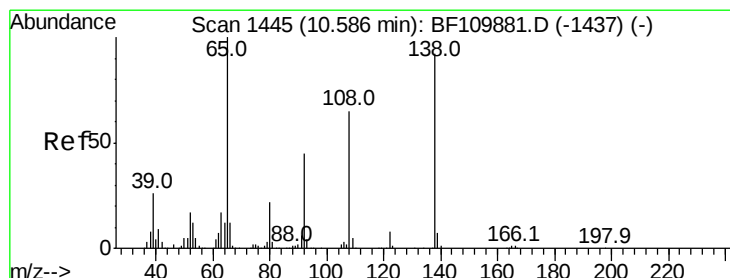
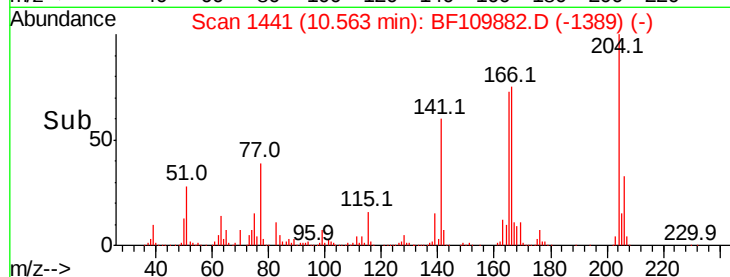
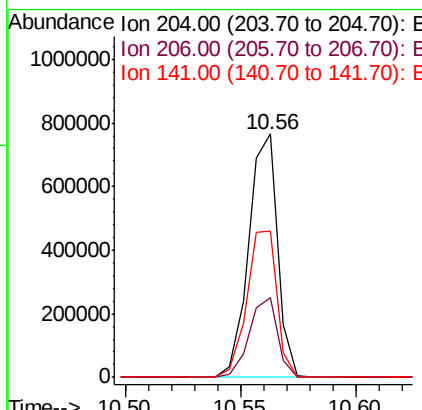
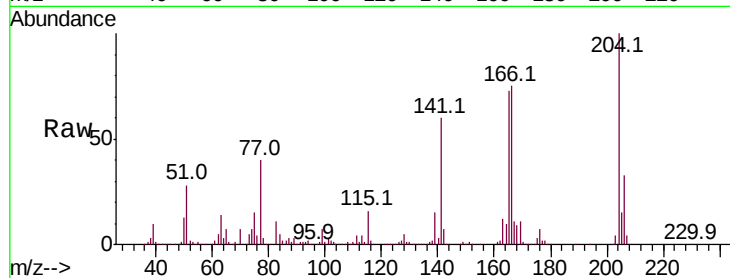




#61
 4-Chlorophenyl-phenylether
 Concen: 44.512 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

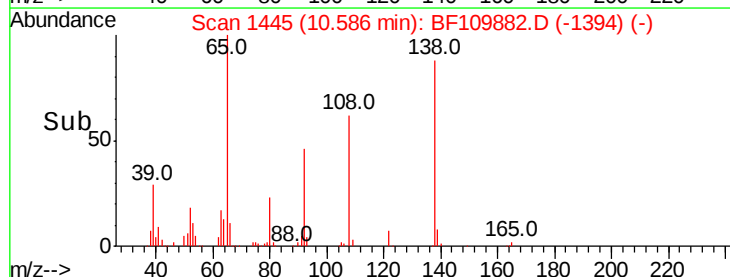
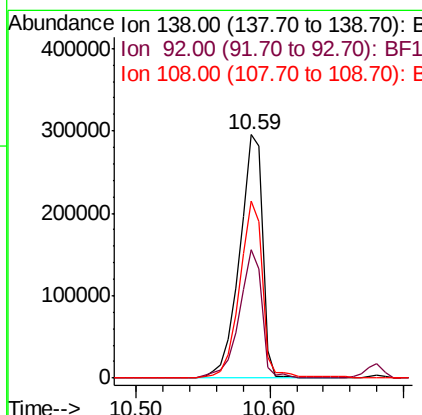
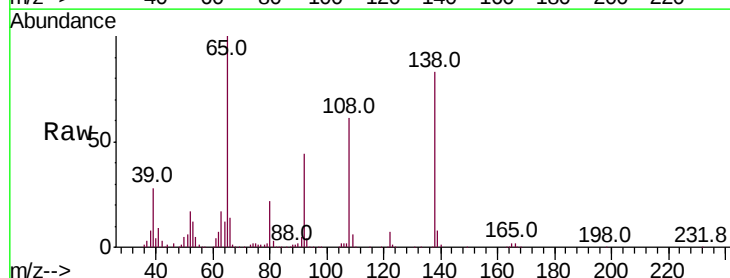
Instrument :
 BNA_F
 ClientSampled :

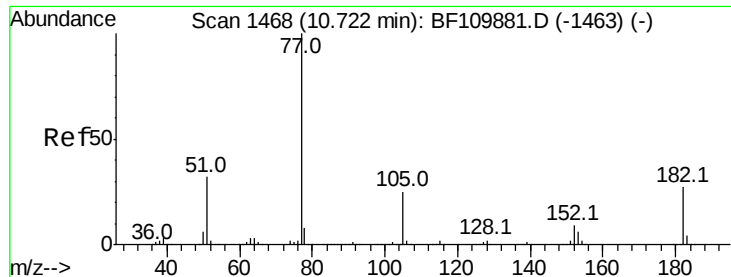
Tot Ion:204 Resp: 670974
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 60.3 51.8 77.8



#62
 4-Nitroaniline
 Concen: 48.482 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion:138 Resp: 353089
 Ion Ratio Lower Upper
 138 100
 92 52.8 31.7 71.7
 108 72.9 59.3 99.3

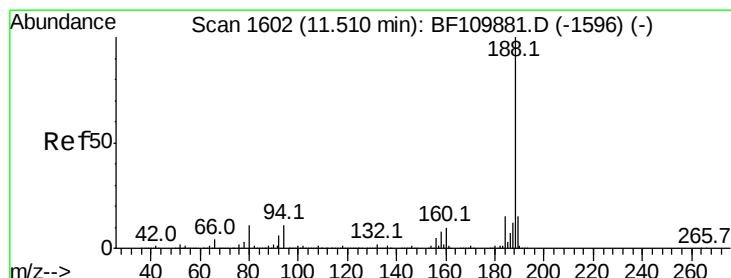
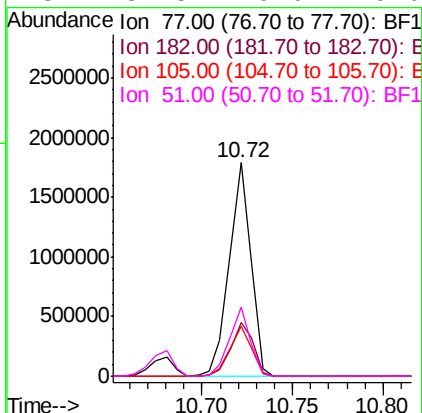
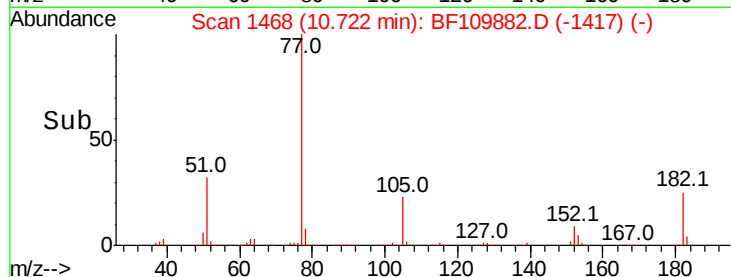
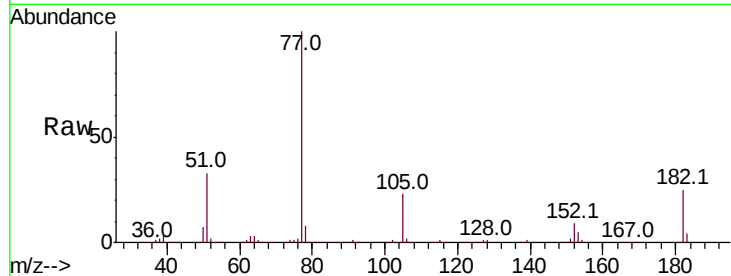




#63
Azobenzene
Concen: 46.084 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

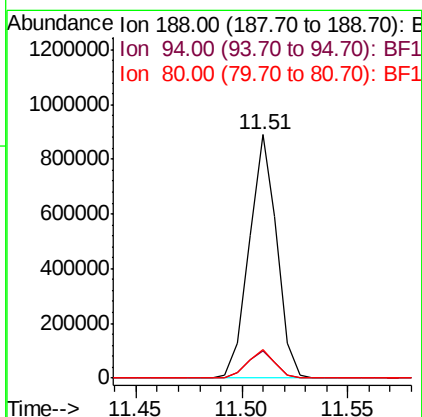
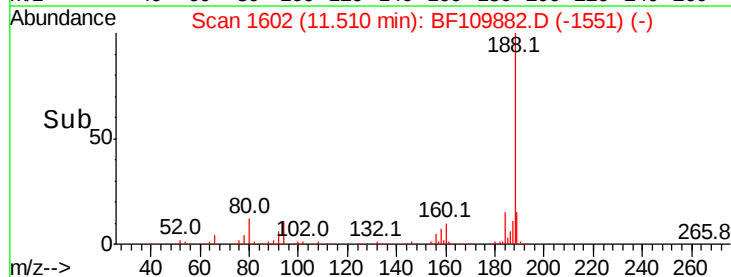
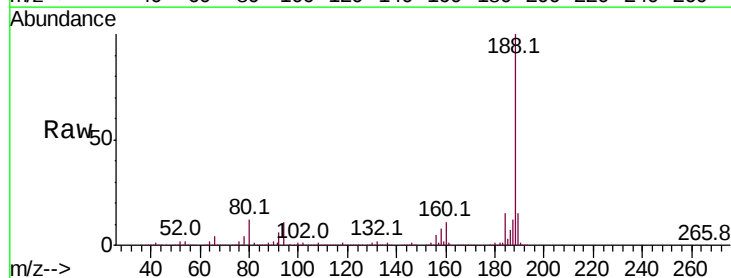
Instrument :
BNA_F
ClientSampled :

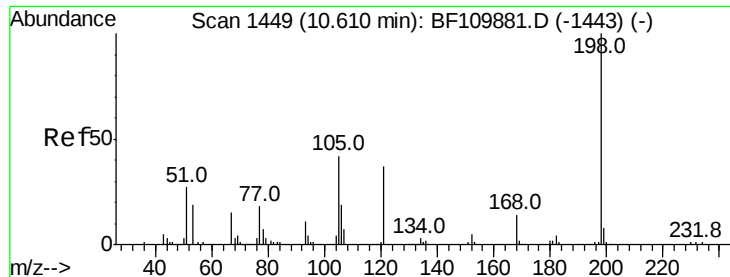
Tot Ion: 77 Resp: 1500674
Ion Ratio Lower Upper
77 100
182 25.2 4.3 44.3
105 23.5 1.3 41.3
51 32.5 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion: 188 Resp: 806107
Ion Ratio Lower Upper
188 100
94 11.2 7.2 10.8#
80 11.7 7.9 11.9

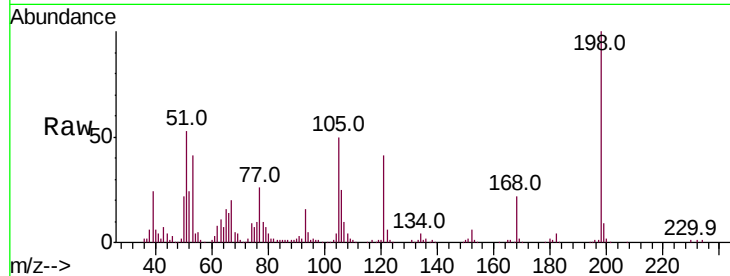




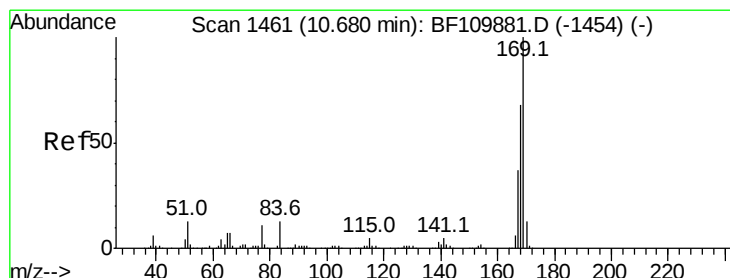
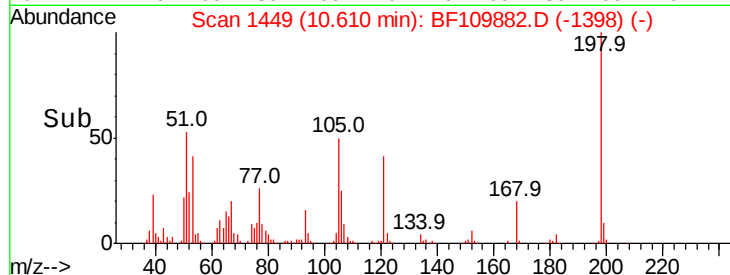
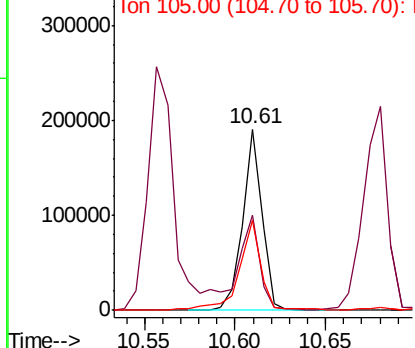
#65
4,6-Dinitro-2-methylphenol
Concen: 36.084 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 141577
Ion Ratio Lower Upper
198 100
51 52.6 22.8 62.8
105 49.6 23.6 63.6

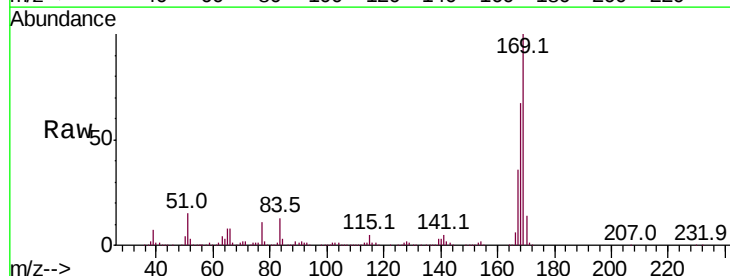


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

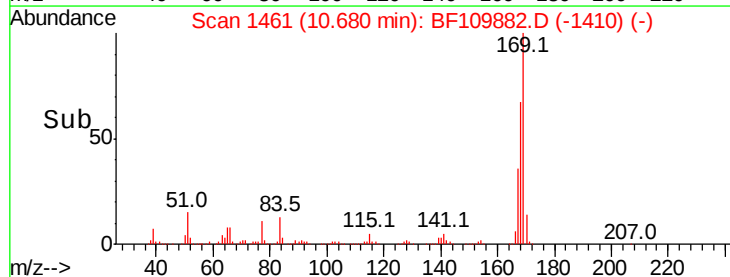
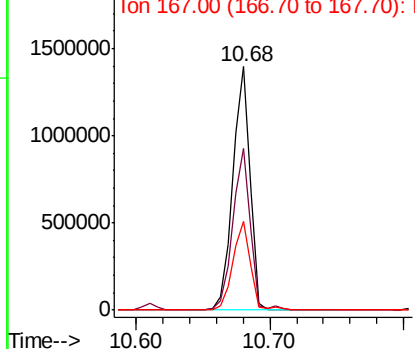


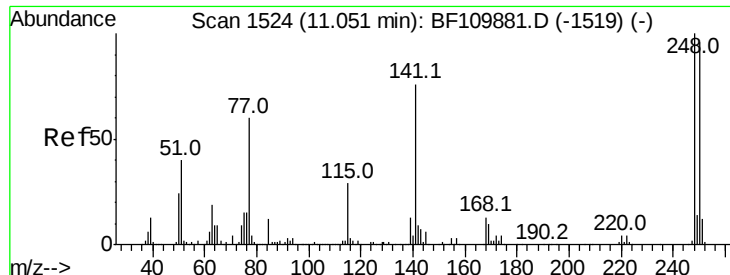
#66
n-Nitrosodiphenylamine
Concen: 46.433 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:169 Resp: 1268875
Ion Ratio Lower Upper
169 100
168 66.7 51.2 76.8
167 36.5 27.8 41.6



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

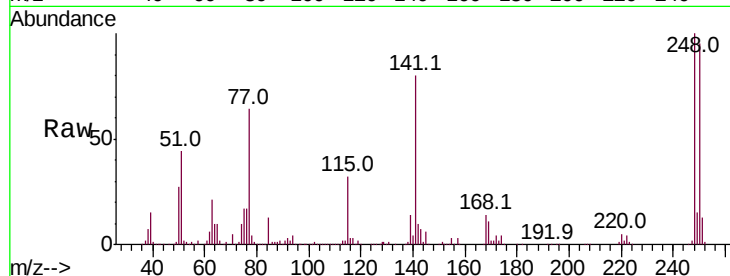




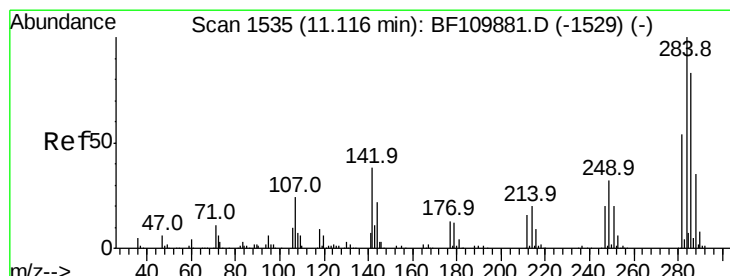
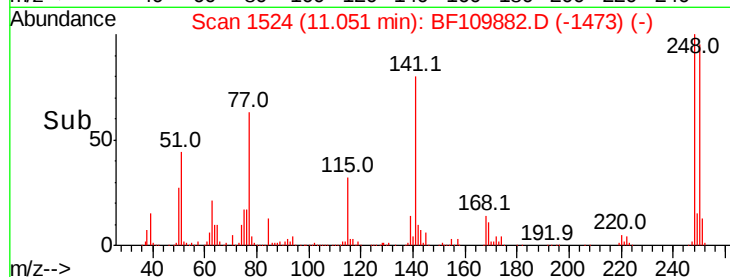
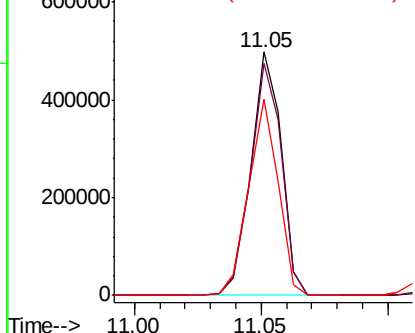
#67
4-Bromophenyl-phenylether
Concen: 45.153 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 418223
Ion Ratio Lower Upper
248 100
250 95.4 79.4 119.2
141 80.5 55.9 83.9

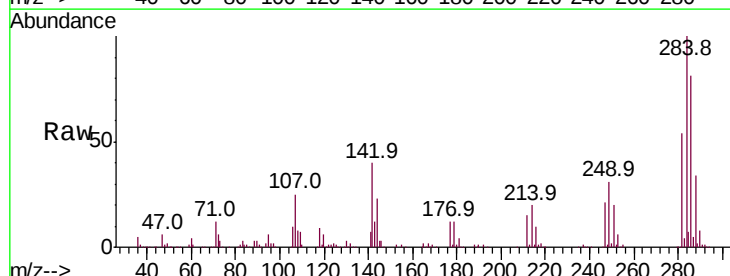


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

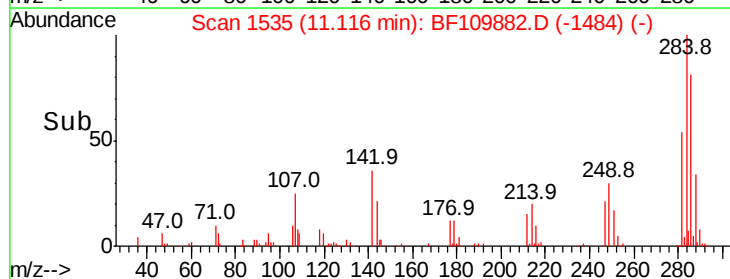
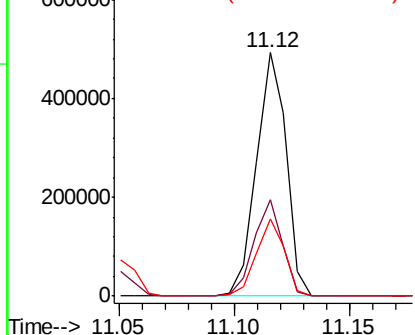


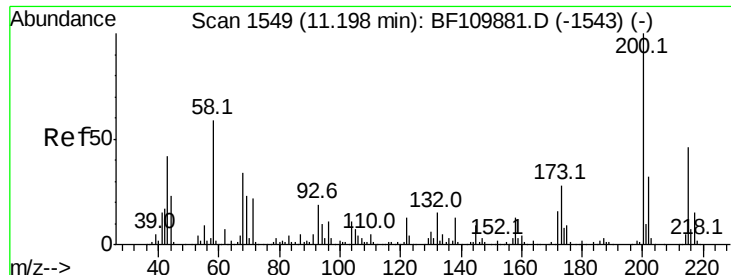
#68
Hexachlorobenzene
Concen: 44.095 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:284 Resp: 442260
Ion Ratio Lower Upper
284 100
142 39.8 23.9 35.9#
249 31.5 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

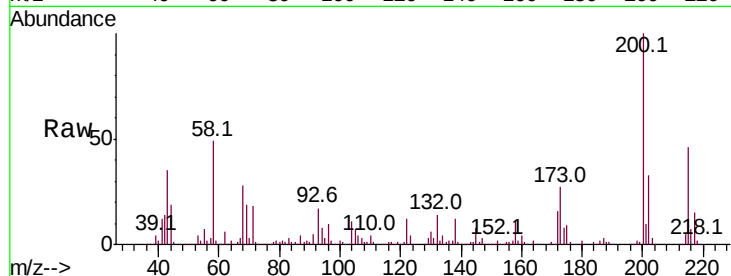




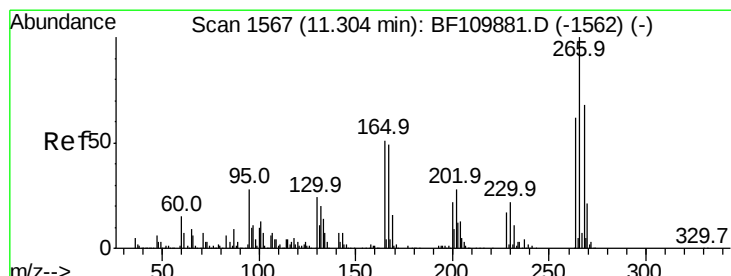
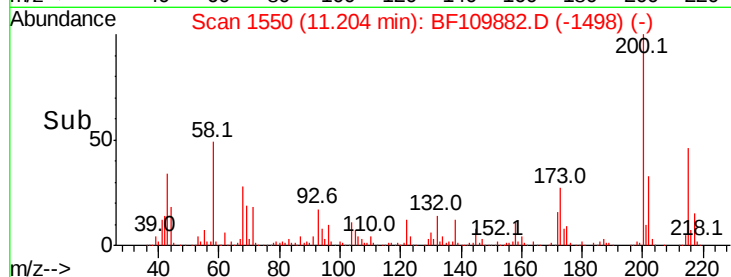
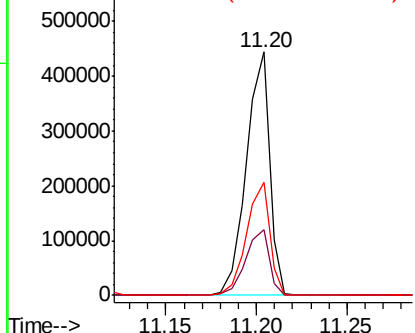
#69
Atrazine
Concen: 46.525 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 396784
Ion Ratio Lower Upper
200 100
173 27.2 6.6 46.6
215 46.4 26.3 66.3

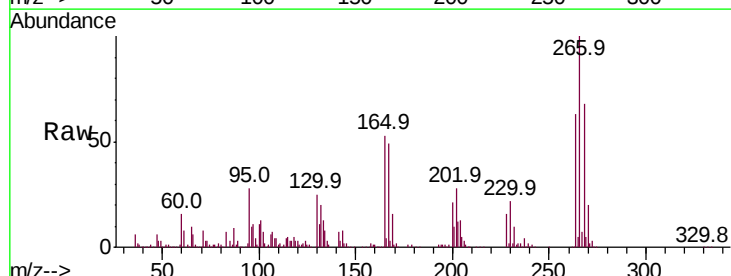


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

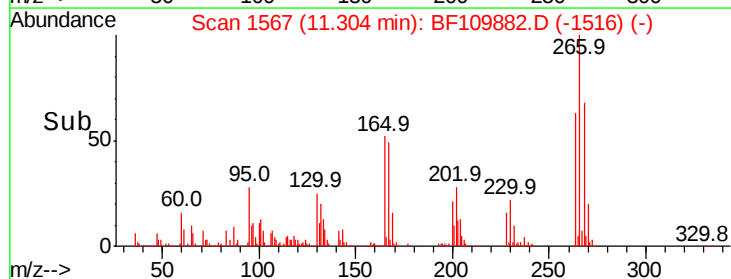
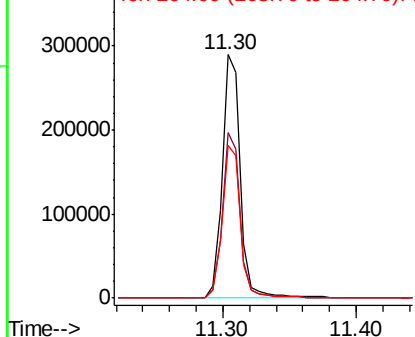


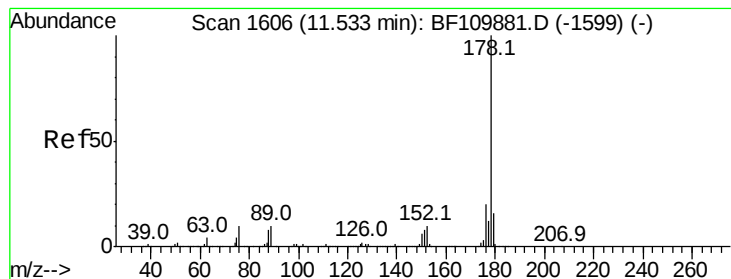
#70
Pentachlorophenol
Concen: 49.210 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:266 Resp: 277727
Ion Ratio Lower Upper
266 100
268 67.8 50.6 75.8
264 62.7 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: 47.659 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

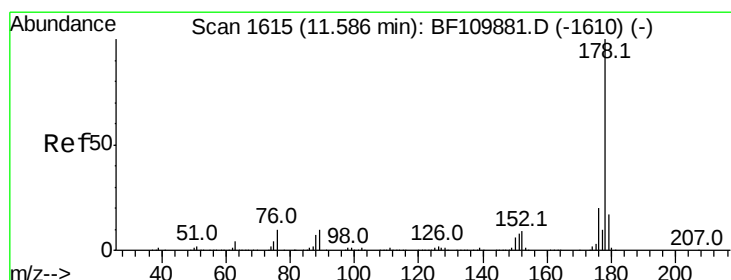
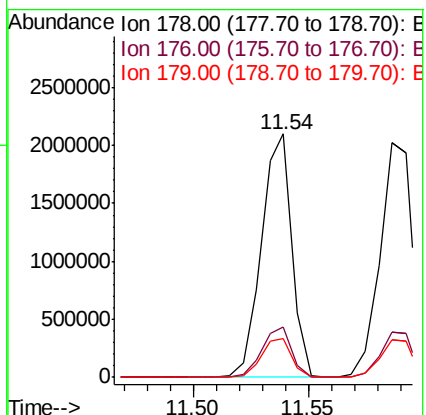
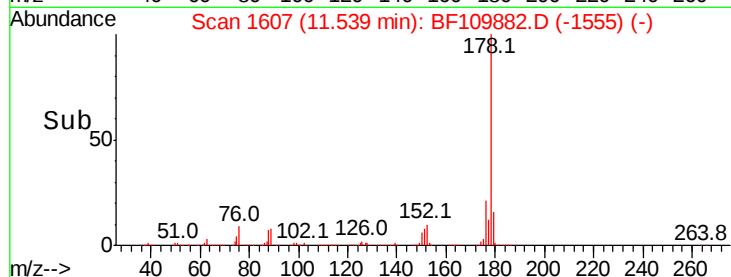
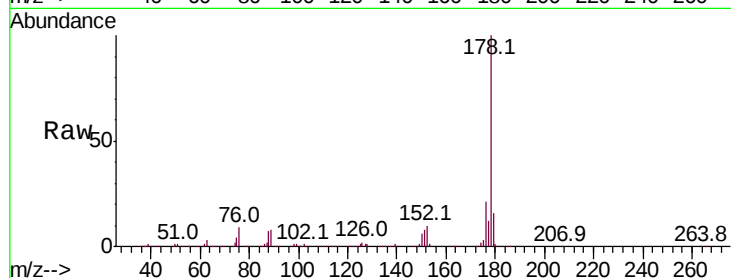
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1922590

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.5	23.3
179	16.1	12.5	18.7



#72

Anthracene

Concen: 46.645 ng

RT: 11.59 min Scan# 1615

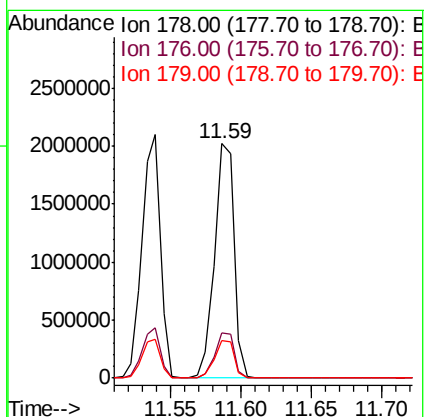
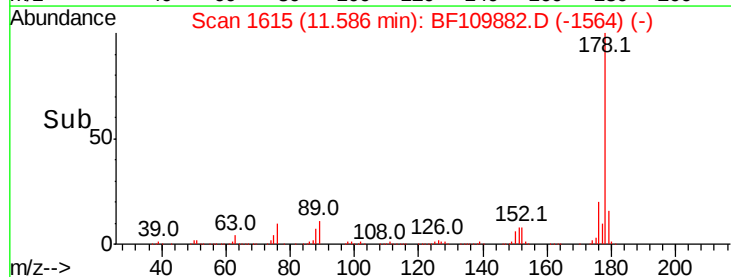
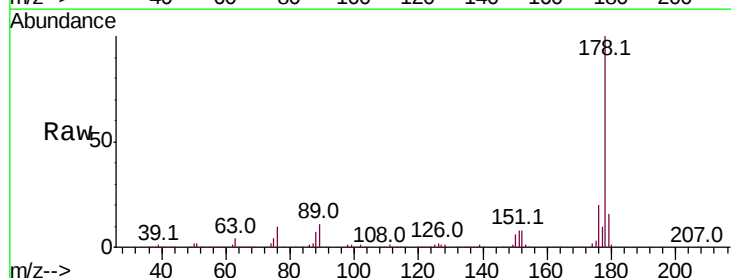
Delta R.T. -0.00 min

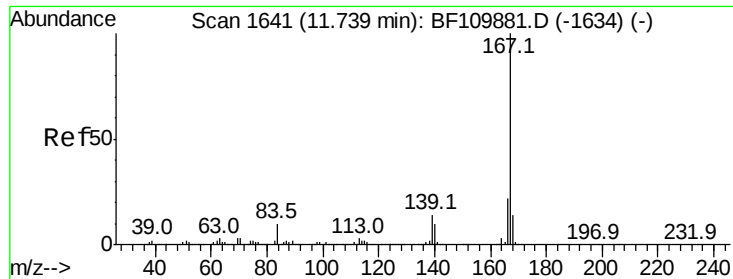
Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:178 Resp: 1945161

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.3	12.6	18.8

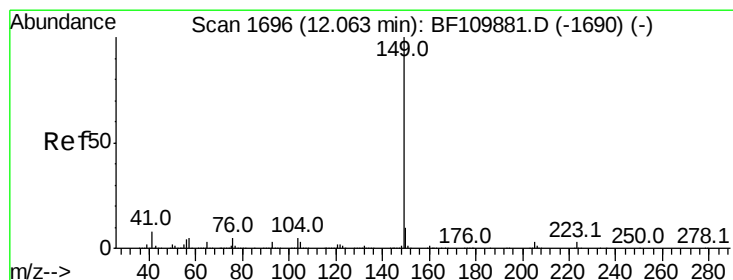
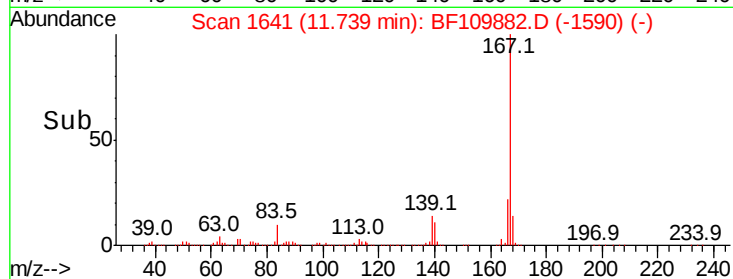
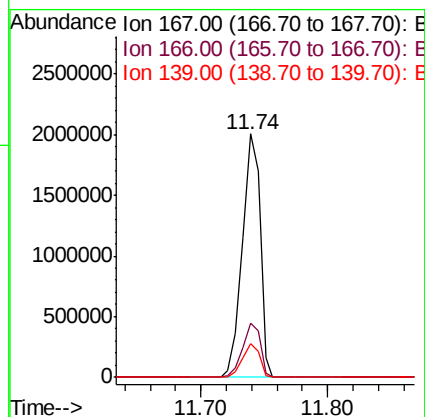
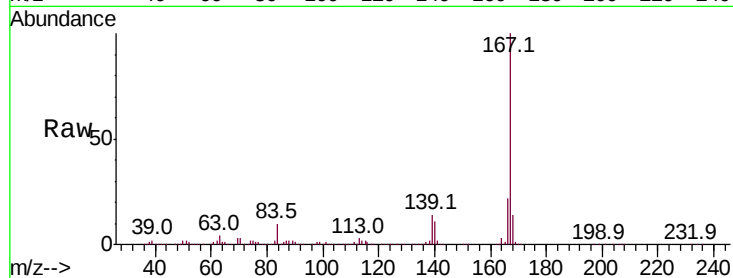




#73
 Carbazole
 Concen: 47.595 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

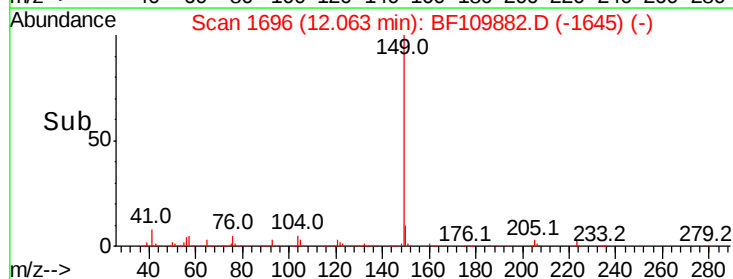
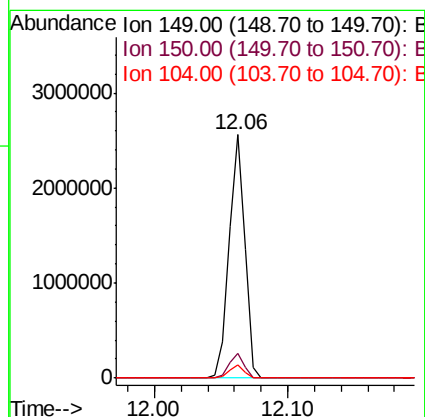
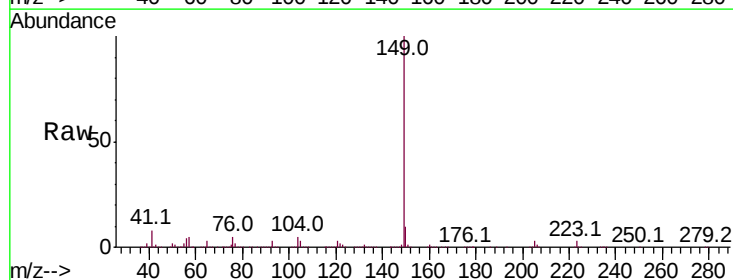
Instrument :
 BNA_F
 ClientSampleId :

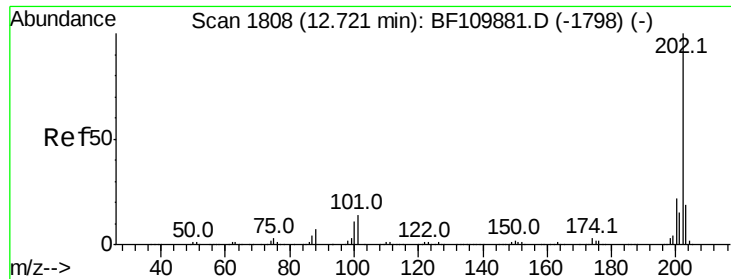
Tot Ion:167 Resp: 1924989
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.453 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion:149 Resp: 2132177
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.3 4.2 6.4

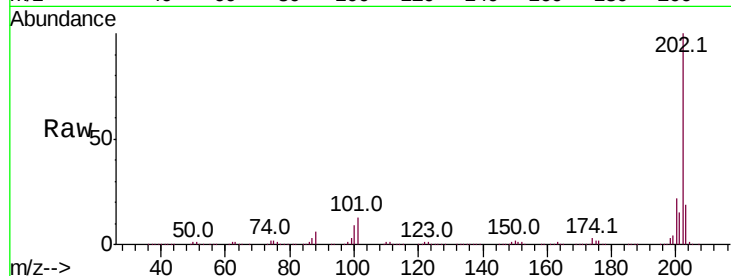




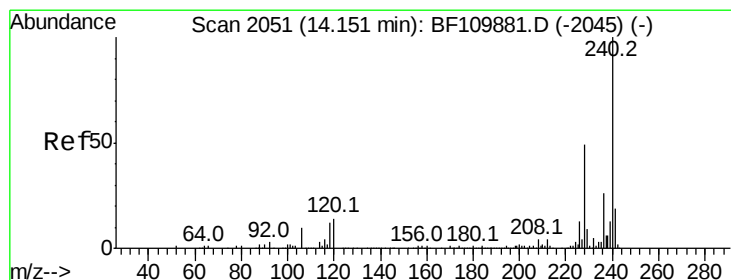
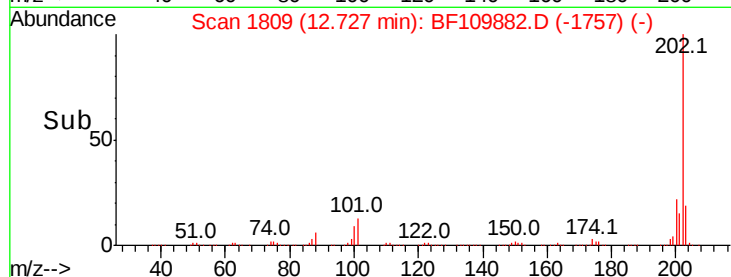
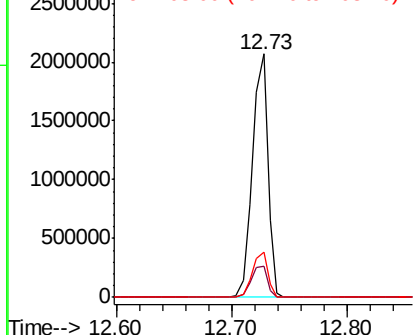
#75
 Fluoranthene
 Concen: 45.781 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1929367
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.4
 203 18.6 0.0 37.7

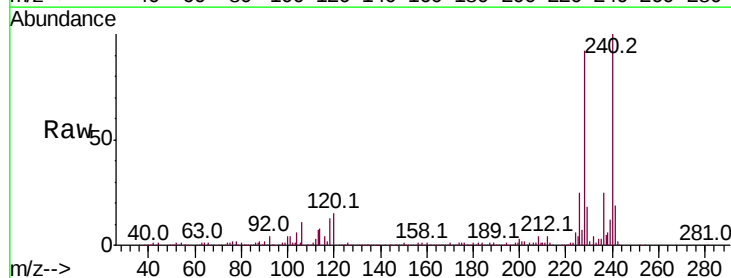


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

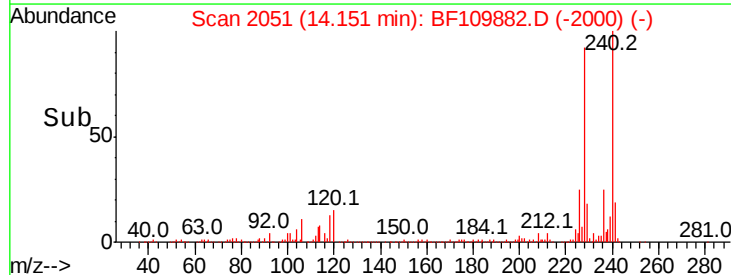
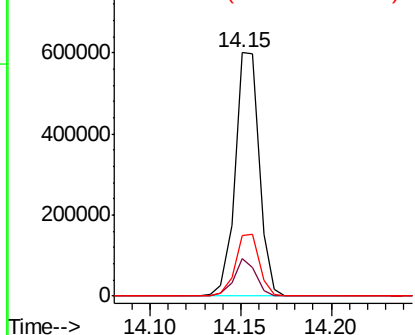


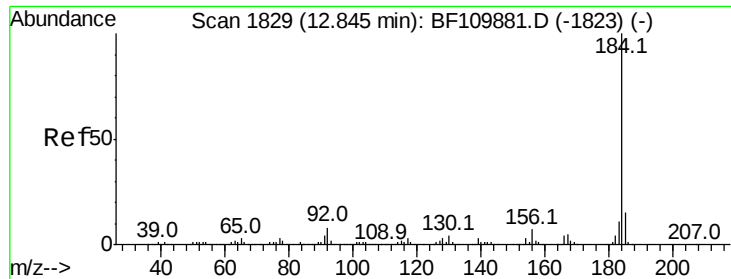
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion:240 Resp: 555418
 Ion Ratio Lower Upper
 240 100
 120 15.4 8.3 12.5#
 236 24.8 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: 46.125 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

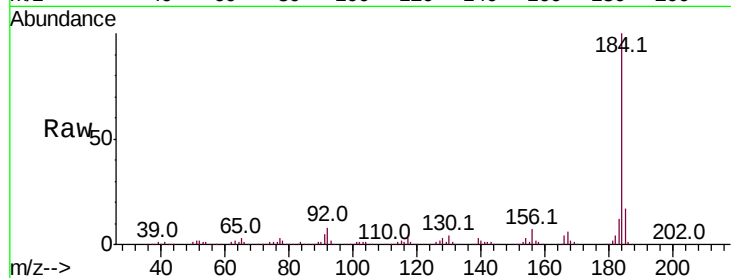
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 951669

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.2
183	12.0	9.4	14.2

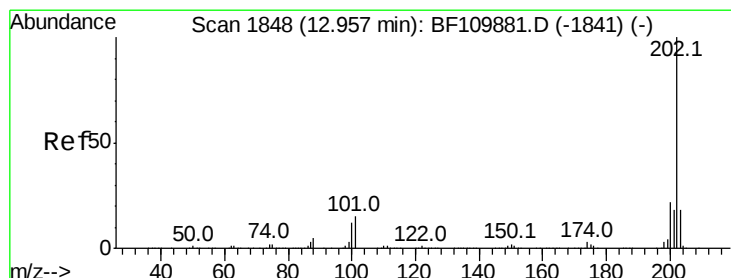
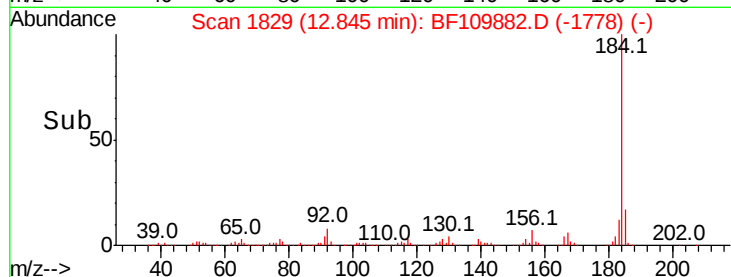
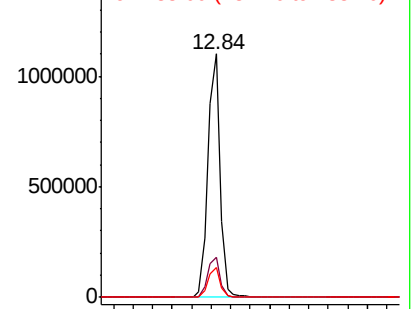


Abundance

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: 48.740 ng

RT: 12.96 min Scan# 1848

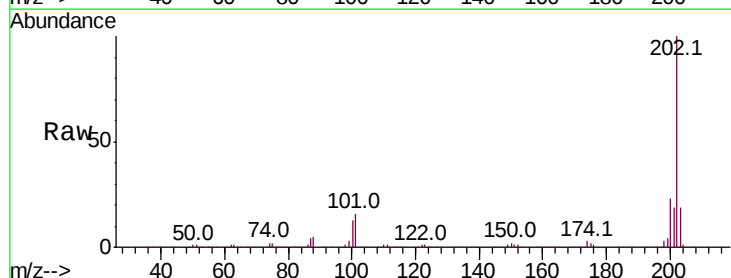
Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:202 Resp: 1983390

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.6
203	18.5	14.2	21.4

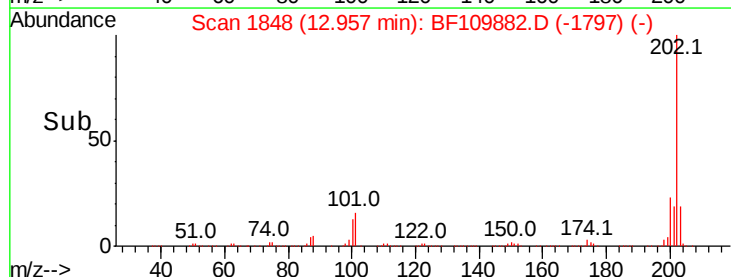
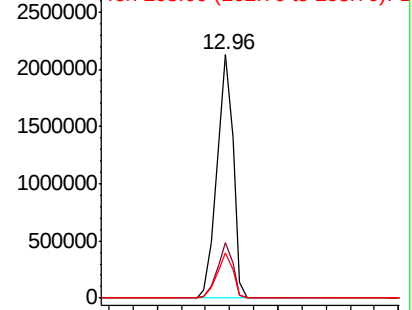


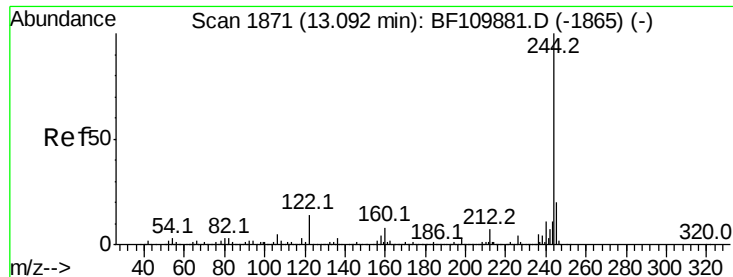
Abundance

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: 84.215 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

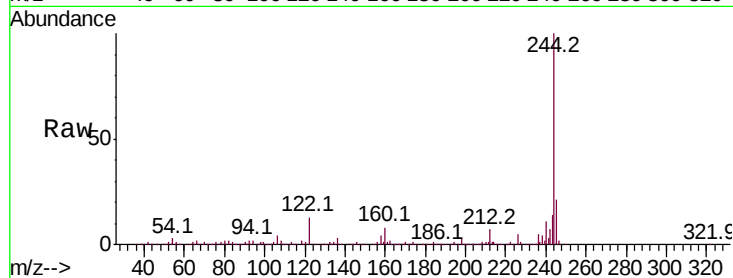
Tot Ion:244 Resp: 2416229

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

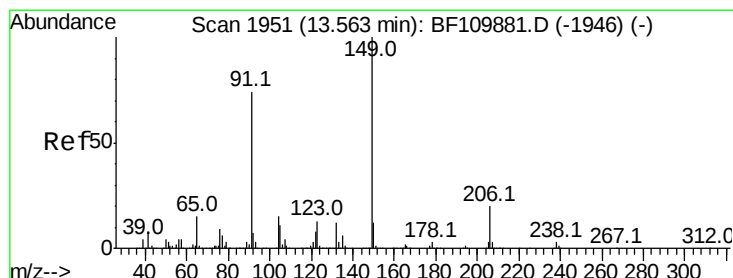
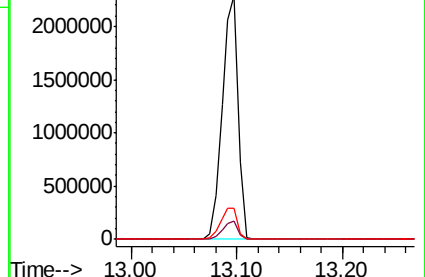
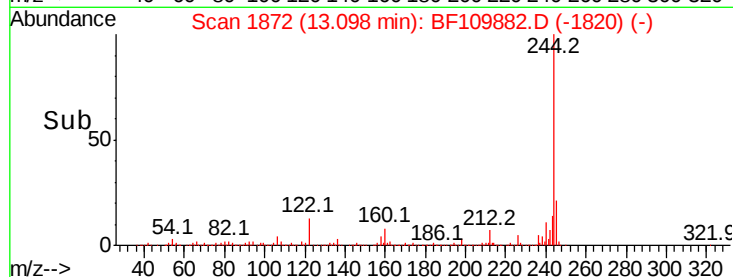
122 12.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.419 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

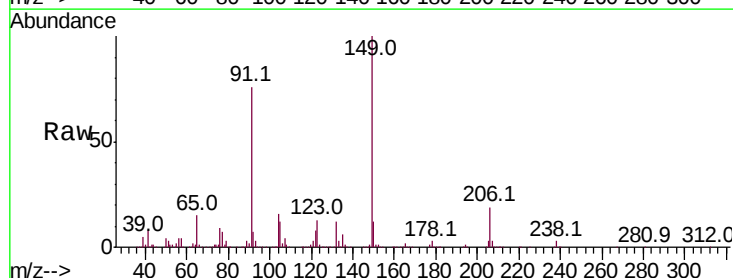
Tgt Ion:149 Resp: 836614

Ion Ratio Lower Upper

149 100

91 76.2 57.2 85.8

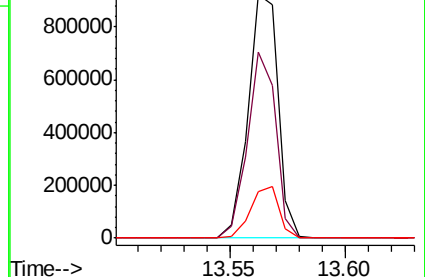
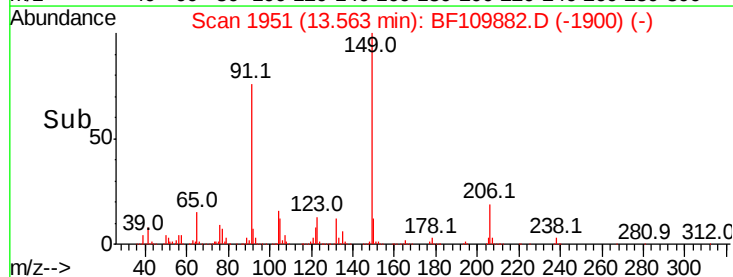
206 19.0 15.7 23.5

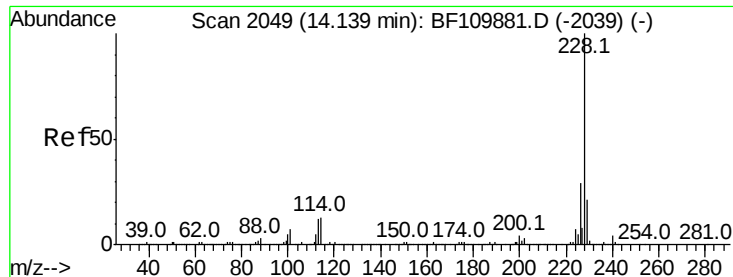


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.742 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

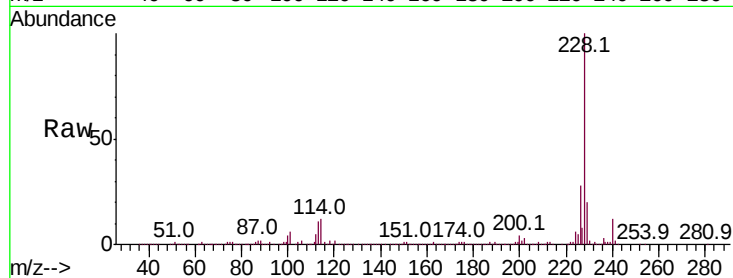
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1555240

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.3	15.6	23.4

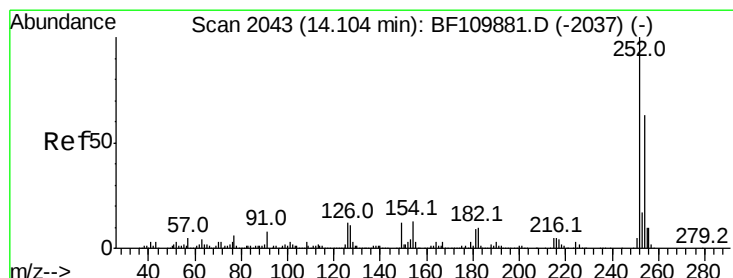
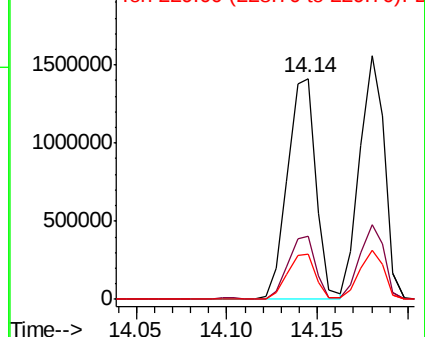
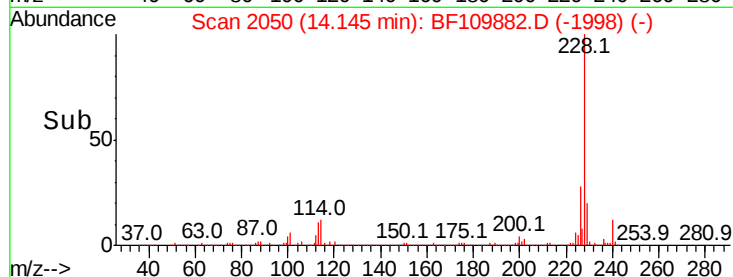


Abundance

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: 43.703 ng

RT: 14.10 min Scan# 2043

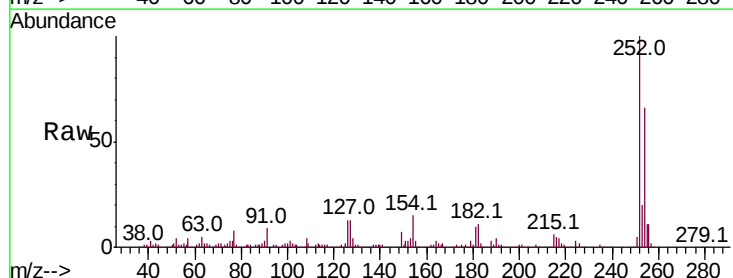
Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:252 Resp: 539361

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	13.3	9.4	14.2

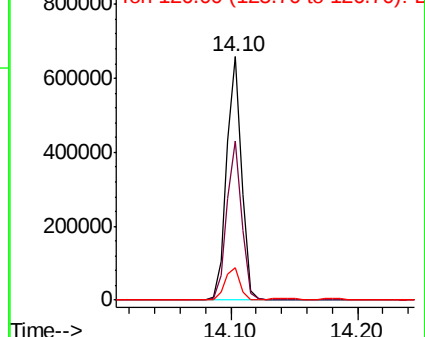
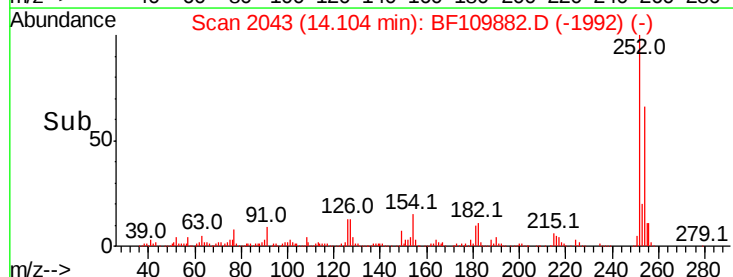


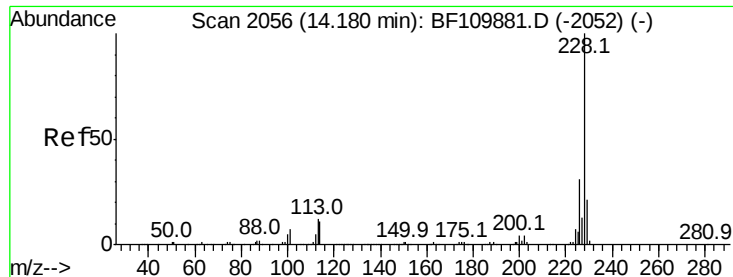
Abundance

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: 46.111 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

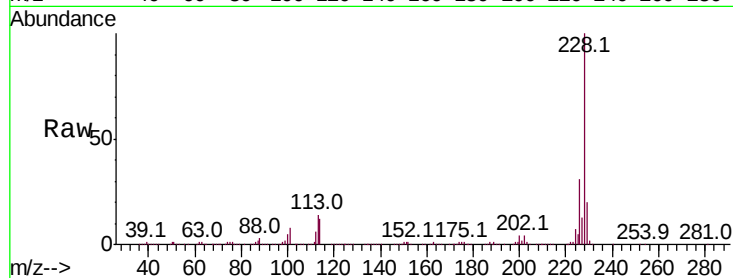
Tot Ion:228 Resp: 1484527

Ion Ratio Lower Upper

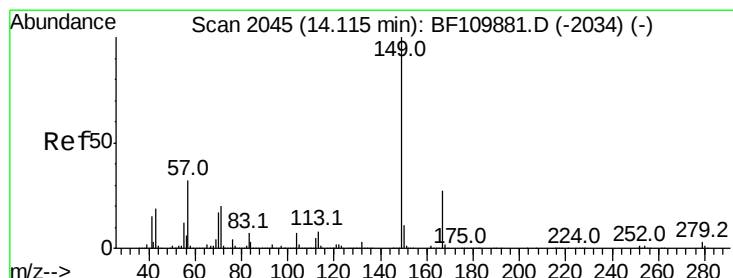
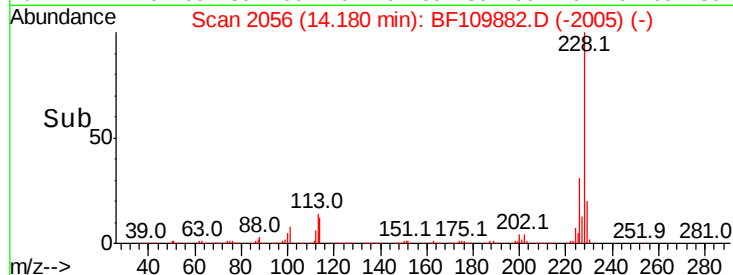
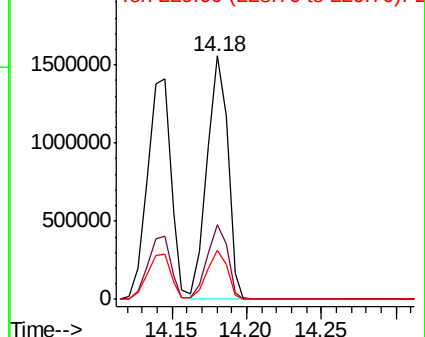
228 100

226 30.9 24.7 37.1

229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.949 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

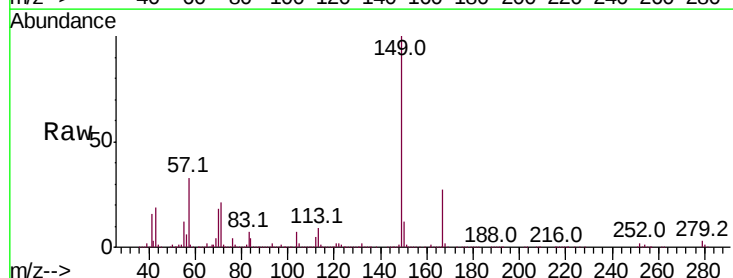
Tgt Ion:149 Resp: 1075144

Ion Ratio Lower Upper

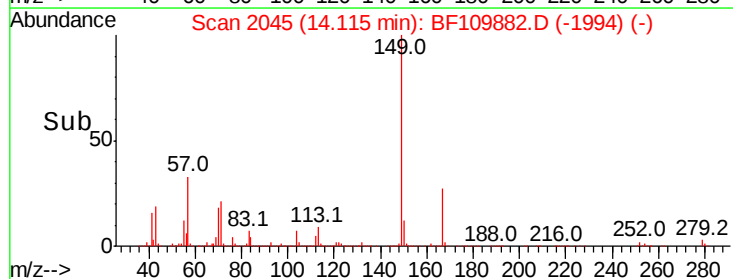
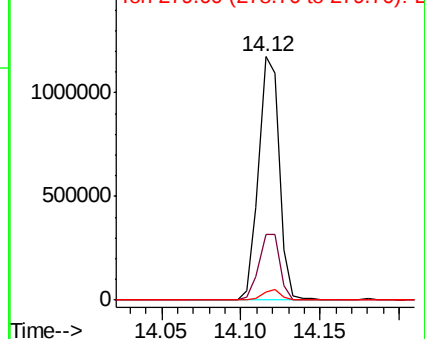
149 100

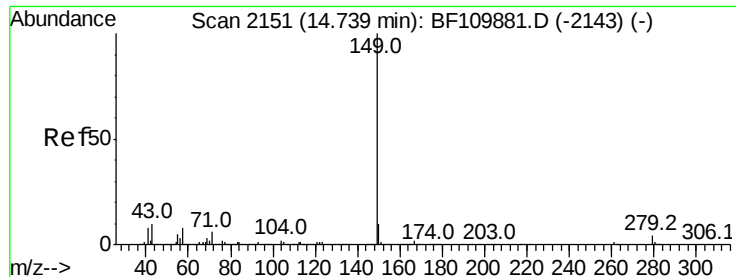
167 27.2 19.8 29.8

279 3.2 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

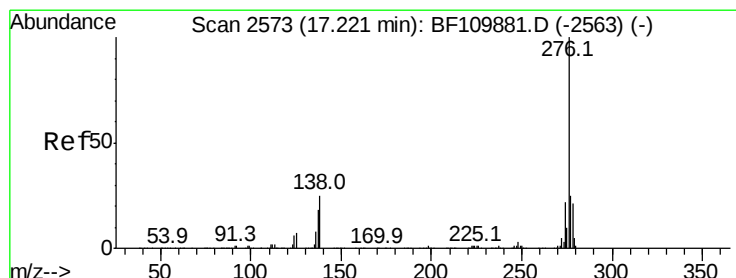
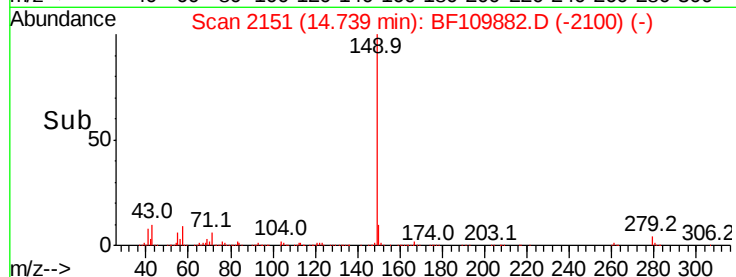
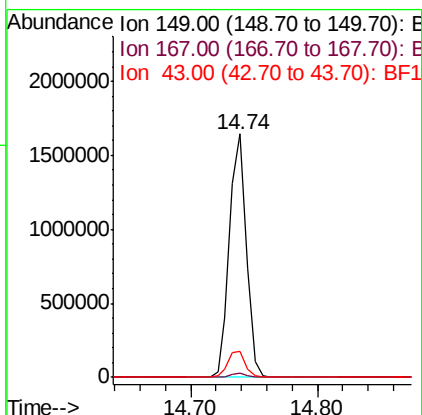
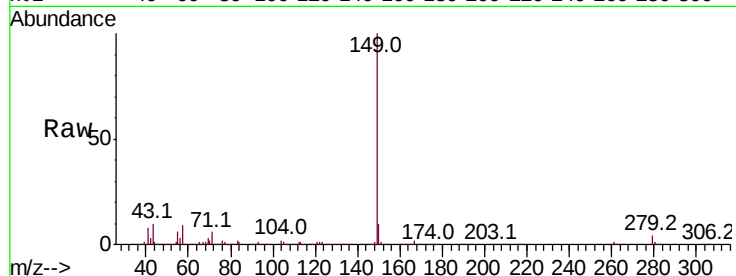




#85
Di-n-octyl phthalate
Concen: 44.453 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

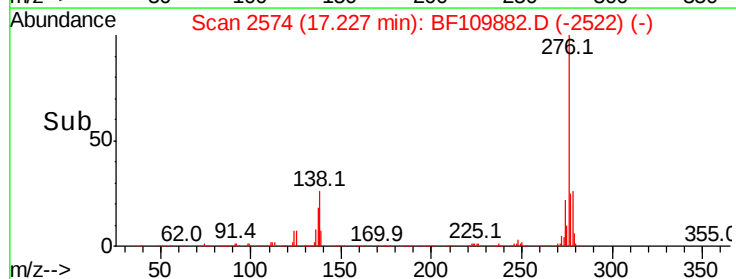
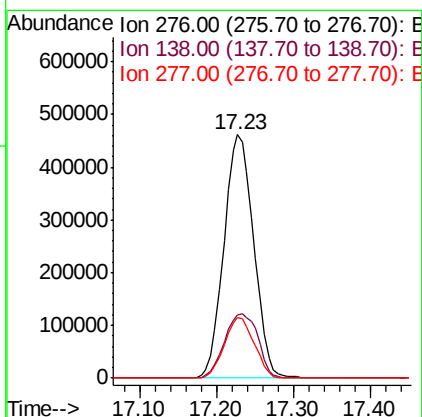
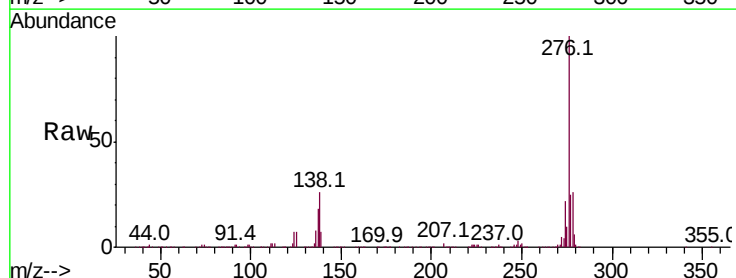
Instrument :
BNA_F
ClientSampleId :

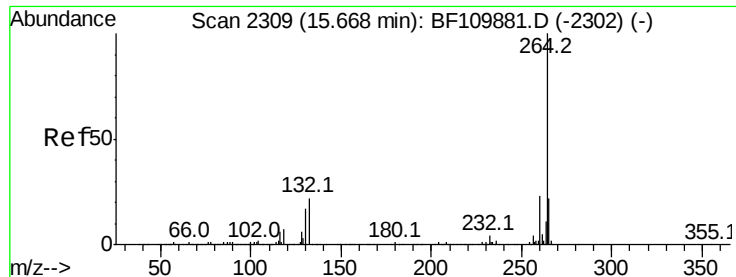
Tot Ion:149 Resp: 1512441
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.1 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 53.944 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion:276 Resp: 1243061
Ion Ratio Lower Upper
276 100
138 29.9 18.5 27.7#
277 25.1 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

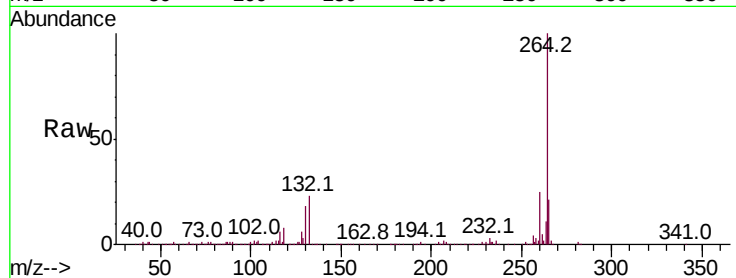
Tot Ion:264 Resp: 419486

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

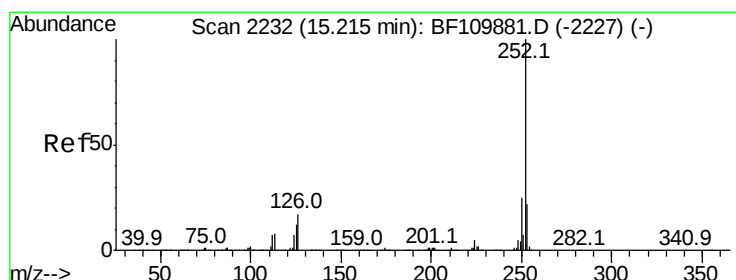
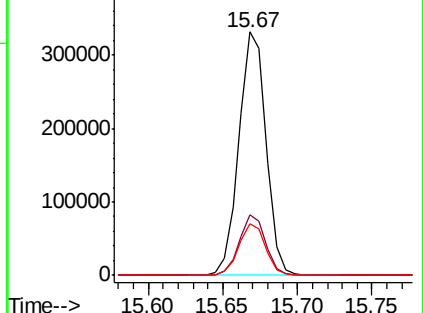
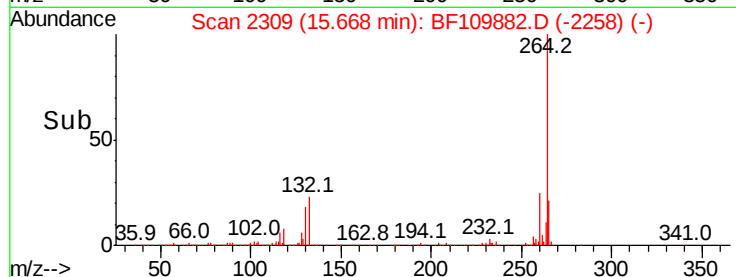
265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.326 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

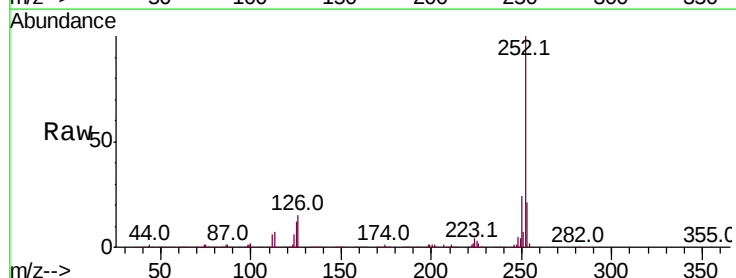
Tgt Ion:252 Resp: 1189808

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

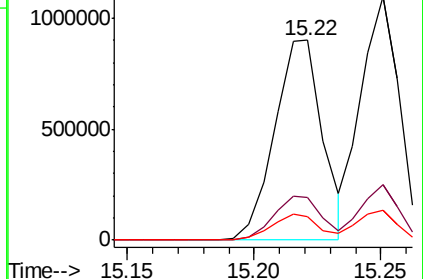
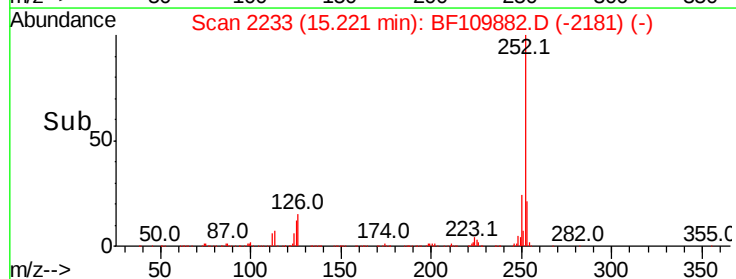
125 11.5 8.2 12.4

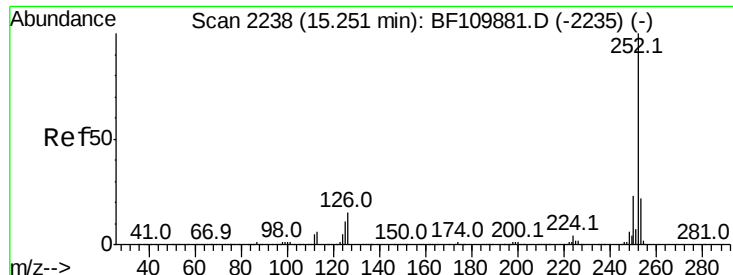


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.889 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

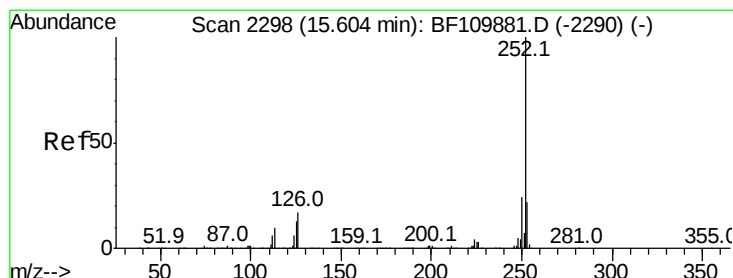
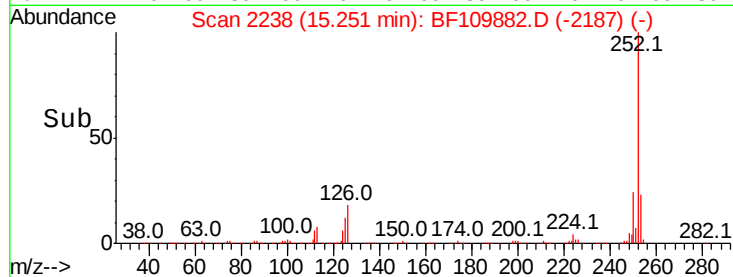
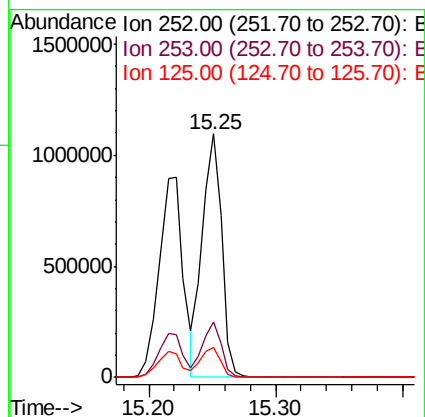
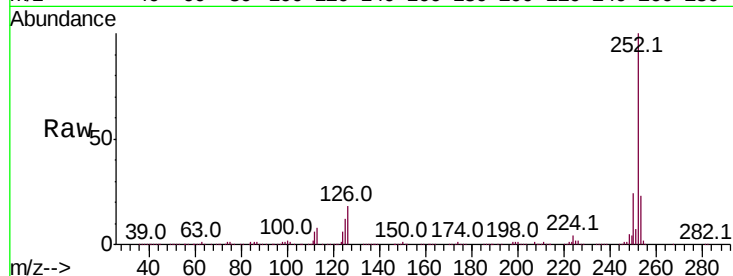
Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1161992

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.5	7.4	11.0



#90

Benzo(a)pyrene

Concen: 52.454 ng

RT: 15.60 min Scan# 2298

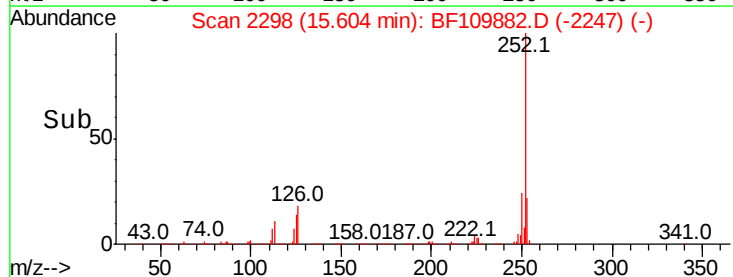
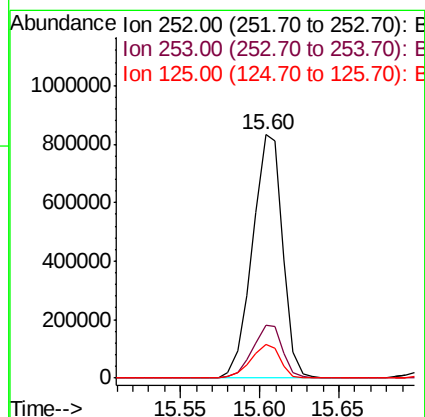
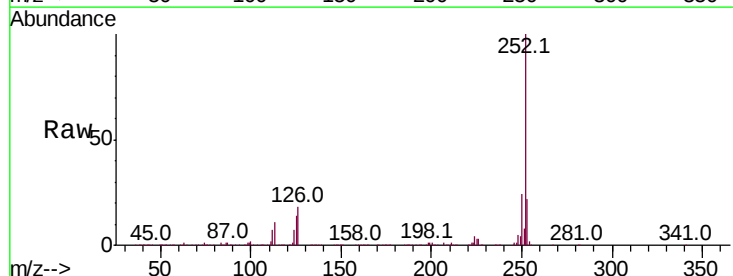
Delta R.T. -0.00 min

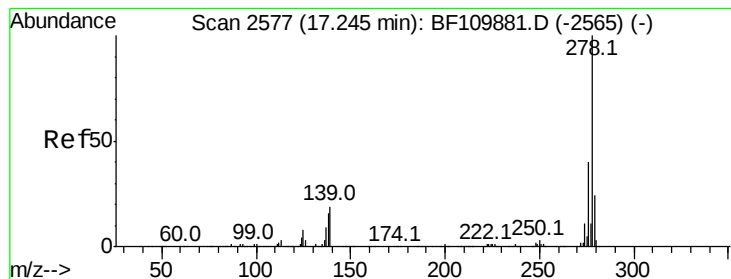
Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:252 Resp: 1103455

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	14.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 59.609 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

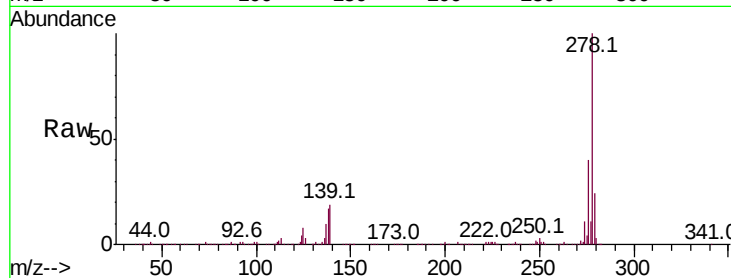
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1029866

Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.7	19.1
279	23.9	19.0	28.4

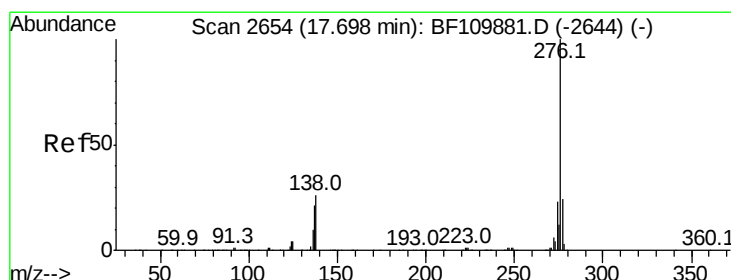
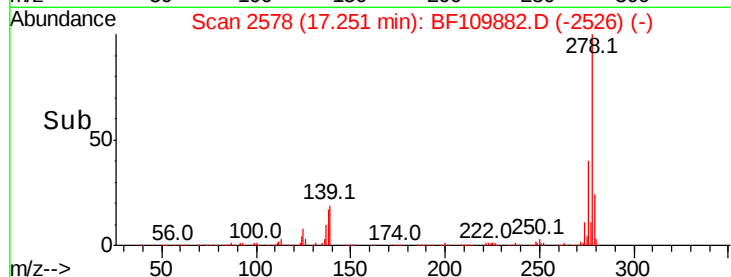
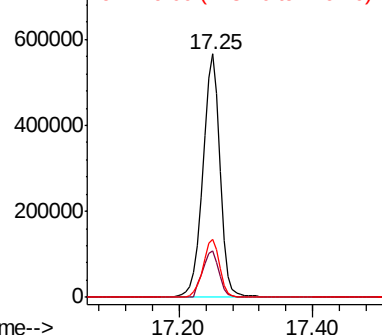


Abundance

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: 61.348 ng

RT: 17.70 min Scan# 2655

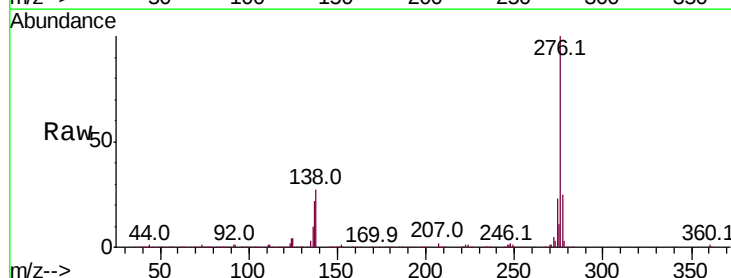
Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:276 Resp: 1058410

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	26.7	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

