

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109900.D
 Acq On : 16 Oct 2018 12:56
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 14:54:55 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 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	270776	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	1145203	20.00	ng	0.00
39) Acenaphthene-d10	10.03	164	528709	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	964287	20.00	ng	0.00
76) Chrysene-d12	14.16	240	652900	20.00	ng	0.01
87) Perylene-d12	15.69	264	504351	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1341301	78.52	ng	0.00
7) Phenol-d6	6.60	99	1700330	80.16	ng	0.01
23) Nitrobenzene-d5	7.55	82	1504628	88.51	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	392325	85.71	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2513581	75.86	ng	0.00
79) Terphenyl-d14	13.10	244	2414926	77.67	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	371099	38.249	ng	91
3) Pyridine	3.62	79	867857	40.122	ng	89
4) n-Nitrosodimethylamine	3.58	42	351061	39.786	ng	# 97
6) Aniline	6.65	93	1150595	40.251	ng	# 53
8) 2-Chlorophenol	6.77	128	778091	40.664	ng	100
9) Benzaldehyde	6.53	77	550506	39.937	ng	97
10) Phenol	6.62	94	923322	40.317	ng	# 62
11) bis(2-Chloroethyl)ether	6.72	93	763746	39.885	ng	92
12) 1,3-Dichlorobenzene	6.92	146	840537	40.060	ng	98
13) 1,4-Dichlorobenzene	7.00	146	838690	39.690	ng	98
14) 1,2-Dichlorobenzene	7.16	146	778180	39.992	ng	99
15) Benzyl Alcohol	7.12	79	680238	41.684	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1247384	39.689	ng	67
17) 2-Methylphenol	7.22	107	627035	40.638	ng	# 80
18) Hexachloroethane	7.50	117	311171	41.670	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	530908	38.982	ng	96
20) 3+4-Methylphenols	7.38	107	786794	40.184	ng	96
22) Acetophenone	7.39	105	1013701	38.169	ng	# 97
24) Nitrobenzene	7.57	77	798659	43.245	ng	92
25) Isophorone	7.80	82	1302918	39.005	ng	96
26) 2-Nitrophenol	7.88	139	390043	50.938	ng	93
27) 2,4-Dimethylphenol	7.91	122	634573	39.440	ng	95
28) bis(2-Chloroethoxy)methane	8.01	93	891864	38.904	ng	98
29) 2,4-Dichlorophenol	8.12	162	632322	40.512	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	686336	39.272	ng	96
31) Naphthalene	8.29	128	2022309	38.509	ng	99
32) Benzoic acid	8.01	122	253329	25.270	ng	94
33) 4-Chloroaniline	8.33	127	929487	39.374	ng	99
34) Hexachlorobutadiene	8.40	225	375659	38.981	ng	100
35) Caprolactam	8.71	113	215123	38.808	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	663040	40.268	ng	97
37) 2-Methylnaphthalene	8.98	142	1322955	38.905	ng	98
38) 1-Methylnaphthalene	9.08	142	1273344	38.644	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	638899	39.233	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
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 Misc :
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 BNA_F
 ClientSampleId :

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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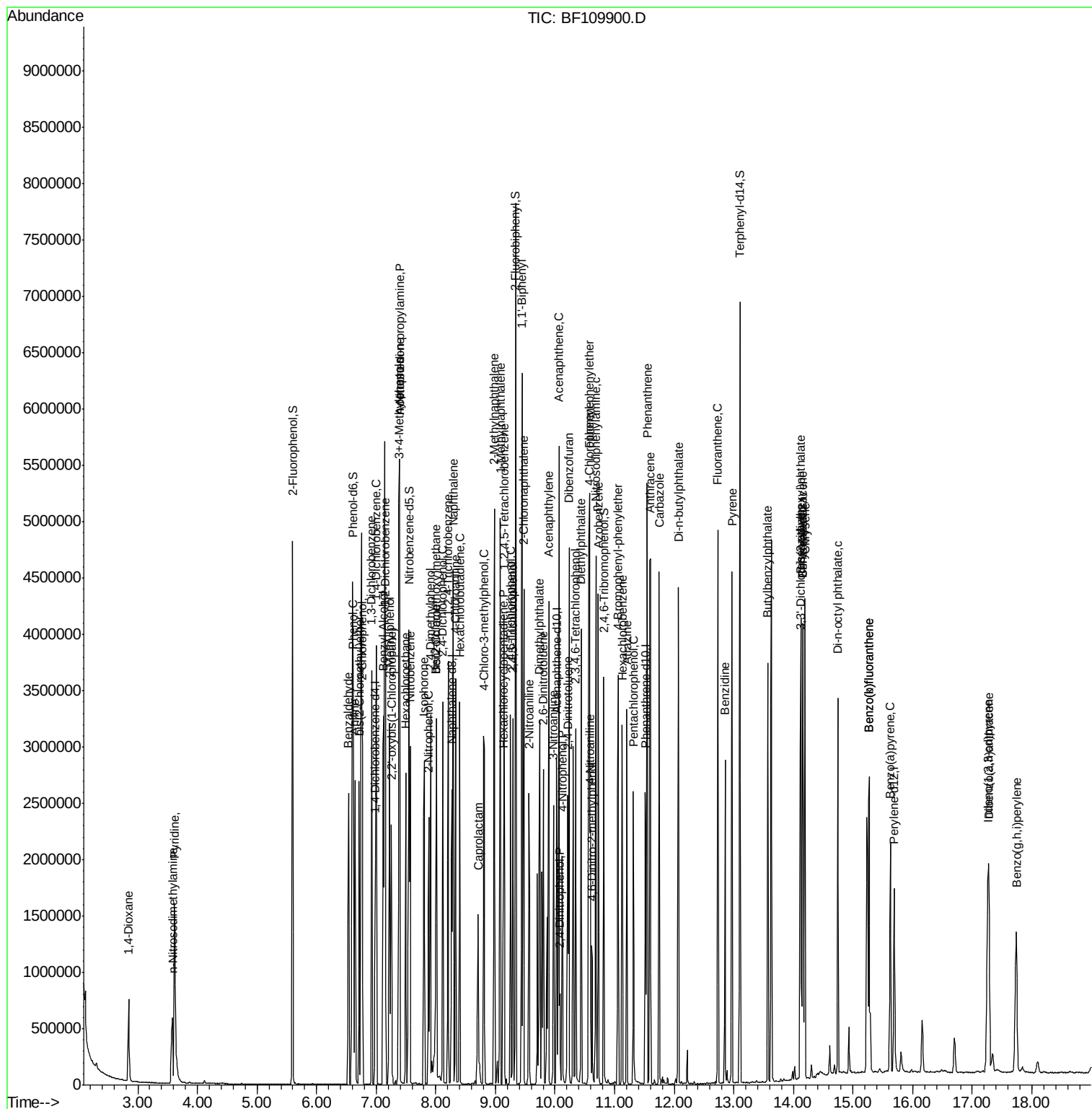
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	343042	43.644	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	428799	42.110	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	451381	42.710	nq	96
46) 1,1'-Biphenyl	9.45	154	1792631	38.055	nq	97
47) 2-Chloronaphthalene	9.47	162	1355387	39.062	nq	98
48) 2-Nitroaniline	9.56	65	425129	47.743	nq	96
49) Acenaphthylene	9.89	152	1948697	38.659	nq	97
50) Dimethylphthalate	9.74	163	1495294	39.941	nq	99
51) 2,6-Dinitrotoluene	9.80	165	337108	47.409	nq	98
52) Acenaphthene	10.06	154	1250995	38.982	nq	98
53) 3-Nitroaniline	9.97	138	406906	47.043	nq	95
54) 2,4-Dinitrophenol	10.08	184	85424	42.421	nq	# 86
55) Dibenzofuran	10.23	168	1762288	38.505	nq	98
56) 4-Nitrophenol	10.12	139	298476	45.224	nq	95
57) 2,4-Dinitrotoluene	10.21	165	426151	47.497	nq	90
58) Fluorene	10.57	166	1280383	38.431	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	357506	42.683	nq	96
60) Diethylphthalate	10.44	149	1403539	37.958	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	688208	39.655	nq	99
62) 4-Nitroaniline	10.59	138	376470	45.979	nq	91
63) Azobenzene	10.73	77	1439626	37.268	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	149573	43.670	nq	97
66) n-Nitrosodiphenylamine	10.69	169	1238677	38.568	nq	95
67) 4-Bromophenyl-phenylether	11.06	248	413608	39.578	nq	94
68) Hexachlorobenzene	11.13	284	433718	38.919	nq	97
69) Atrazine	11.20	200	400740	39.946	nq	98
70) Pentachlorophenol	11.32	266	264572	41.717	nq	97
71) Phenanthrene	11.55	178	1896402	37.987	nq	98
72) Anthracene	11.60	178	1923332	38.321	nq	99
73) Carbazole	11.75	167	1900728	38.534	nq	99
74) Di-n-butylphthalate	12.07	149	2064055	37.495	nq	99
75) Fluoranthene	12.73	202	1910561	38.310	nq	96
77) Benzidine	12.85	184	971979	38.828	nq	99
78) Pyrene	12.97	202	1940612	40.469	nq	100
80) Butylbenzylphthalate	13.57	149	829431	42.783	nq	98
81) Benzo(a)anthracene	14.15	228	1518217	39.478	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	554986	41.164	nq	# 97
83) Chrysene	14.19	228	1431150	39.096	nq	100
84) Bis(2-ethylhexyl)phthalate	14.13	149	1029262	40.347	nq	# 93
85) Di-n-octyl phthalate	14.74	149	1526577	42.446	nq	97
86) Indeno(1,2,3-cd)pyrene	17.26	276	1247358	42.322	nq	# 94
88) Benzo(b)fluoranthene	15.27	252	1099305	37.807	nq	98
89) Benzo(k)fluoranthene	15.27	252	1099305	38.357	nq	# 97
90) Benzo(a)pyrene	15.63	252	1059380	39.614	nq	97
91) Dibenzo(a,h)anthracene	17.28	278	1028984	43.417	nq	# 96
92) Benzo(g,h,i)perylene	17.74	276	1061329	44.323	nq	# 93

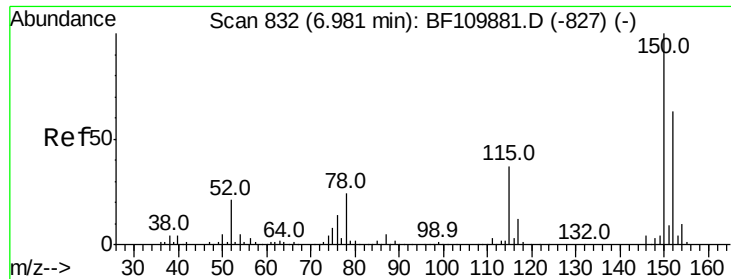
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\  
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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

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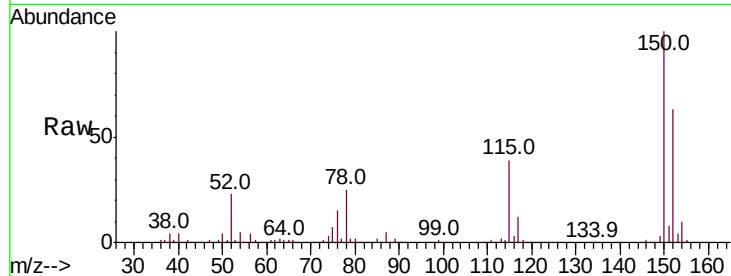


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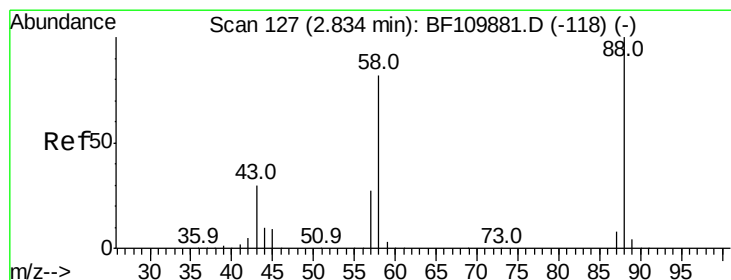
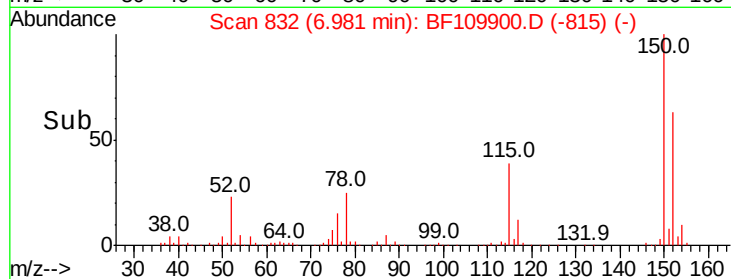
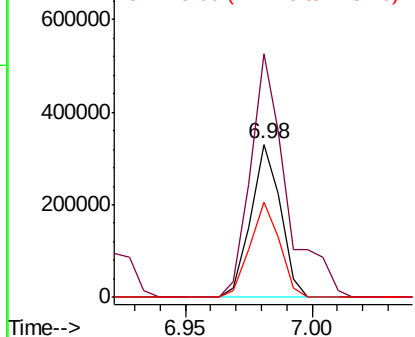
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 270776
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 62.5 49.1 73.7



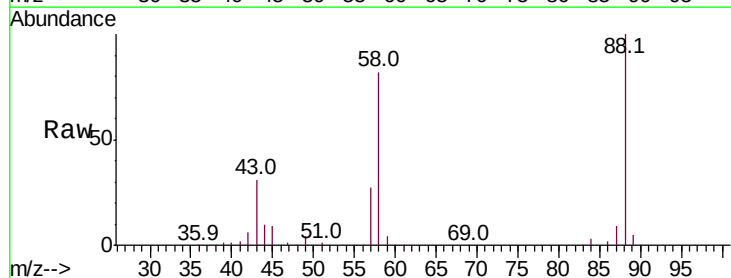
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



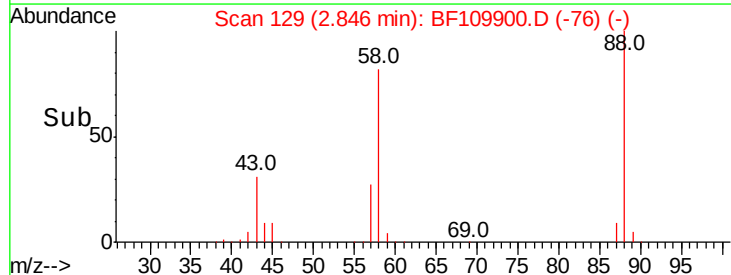
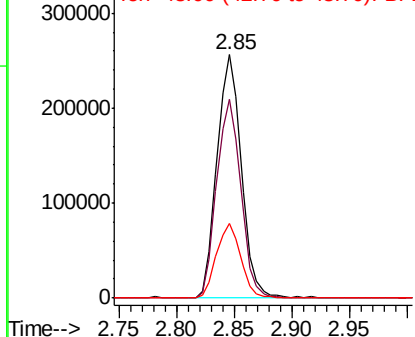
#2

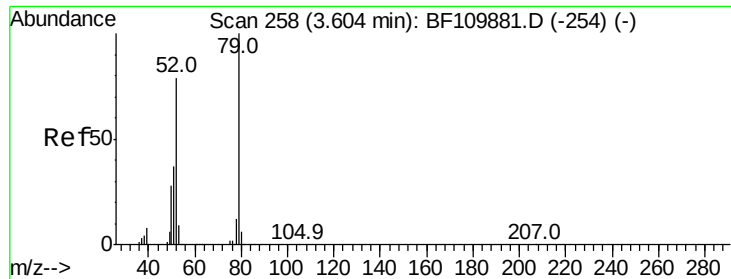
1,4-Dioxane
Concen: 38.249 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion: 88 Resp: 371099
Ion Ratio Lower Upper
88 100
58 81.7 57.1 85.7
43 30.5 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: 40.122 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

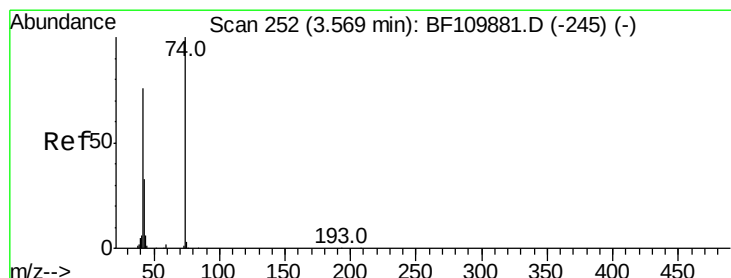
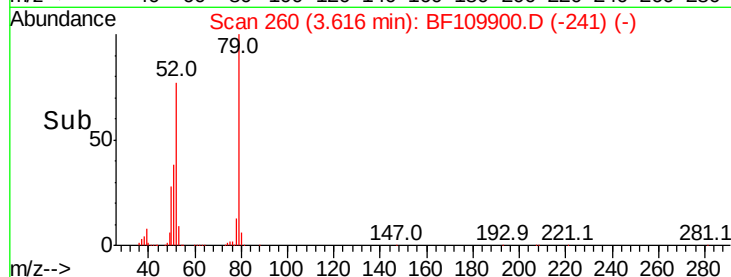
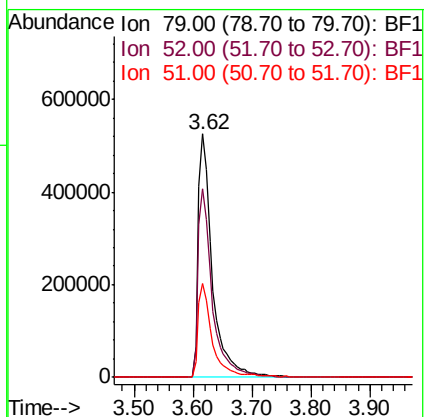
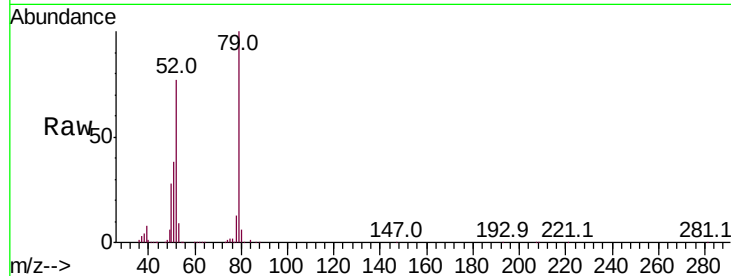
Tot Ion: 79 Resp: 867857

Ion Ratio Lower Upper

79 100

52 77.2 53.1 79.7

51 38.5 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 39.786 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

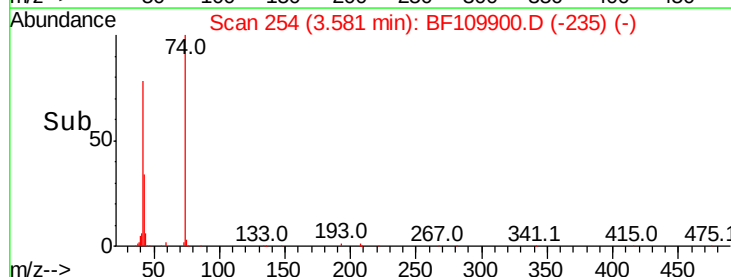
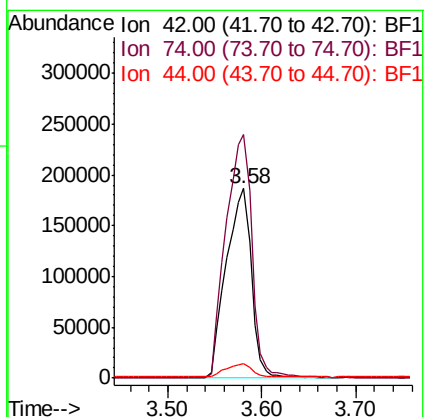
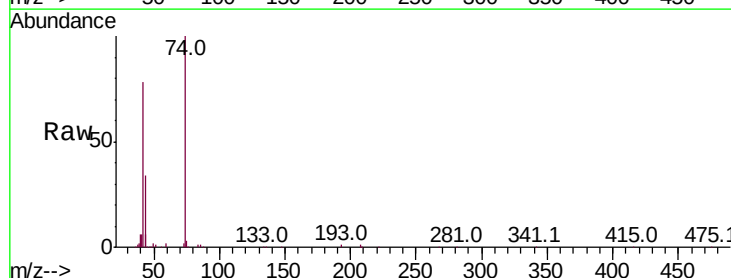
Tgt Ion: 42 Resp: 351061

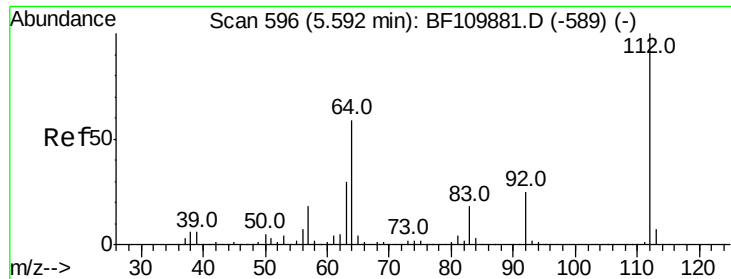
Ion Ratio Lower Upper

42 100

74 128.4 105.5 158.3

44 7.9 4.9 7.3#





#5

2-Fluorophenol

Concen: 78.520 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampled :

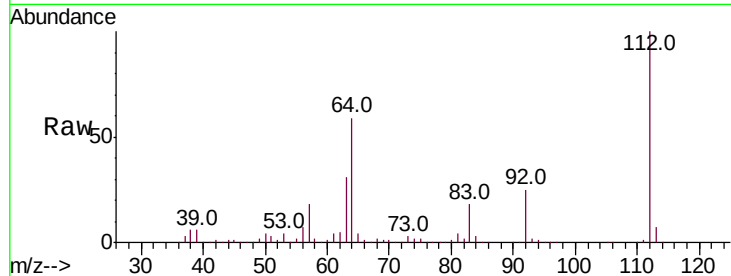
Tot Ion:112 Resp: 1341301

Ion Ratio Lower Upper

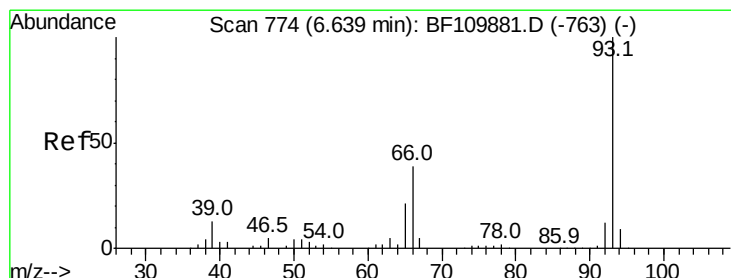
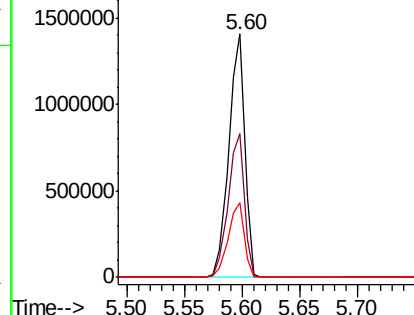
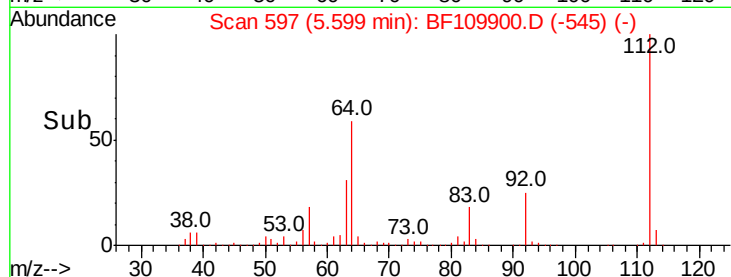
112 100

64 59.3 44.1 66.1

63 30.5 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: 40.251 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

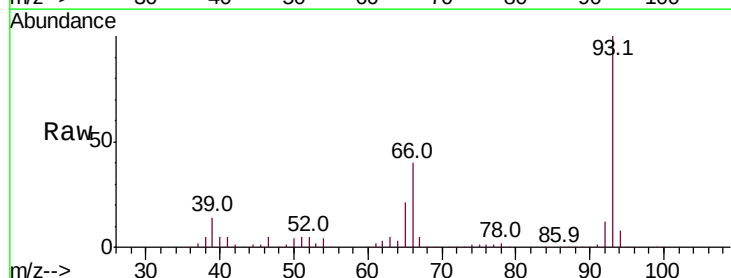
Tgt Ion: 93 Resp: 1150595

Ion Ratio Lower Upper

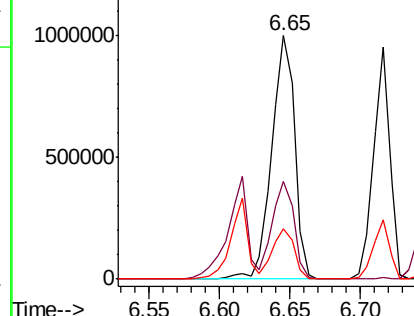
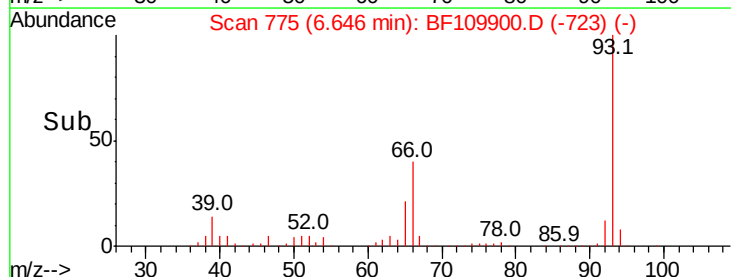
93 100

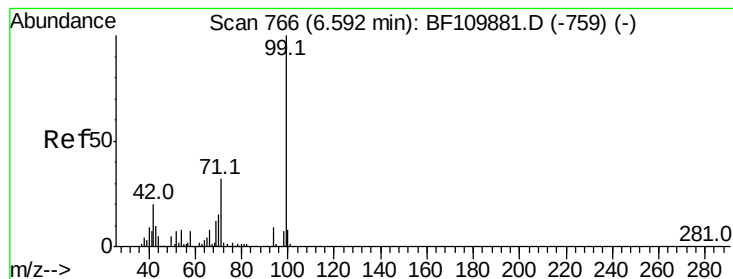
66 40.1 67.4 101.0#

65 20.8 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: 80.160 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

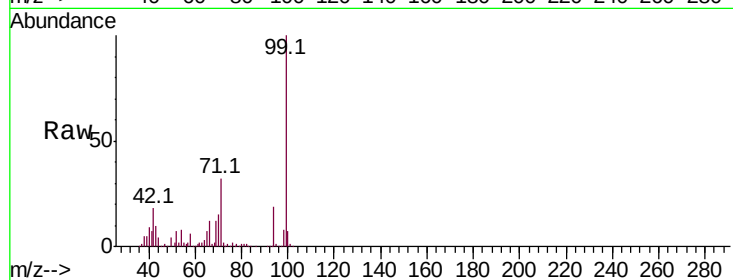
Tot Ion: 99 Resp: 1700330

Ion Ratio Lower Upper

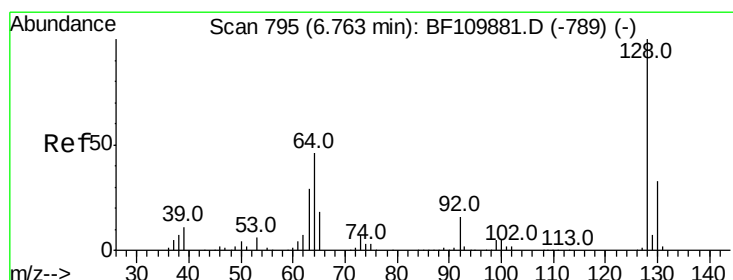
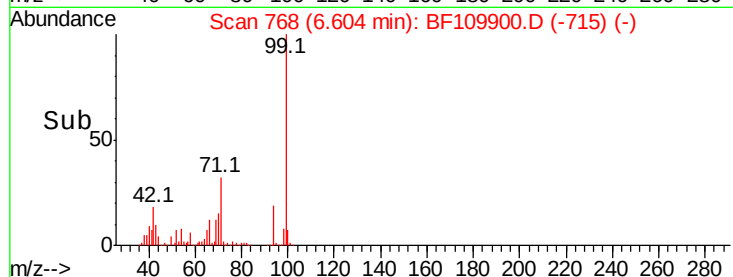
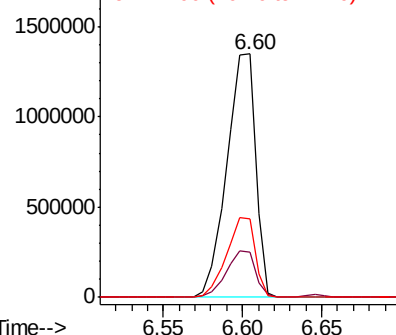
99 100

42 18.5 15.8 23.6

71 32.1 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: 40.664 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

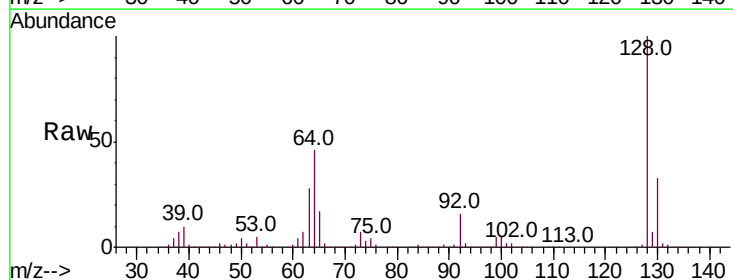
Tgt Ion:128 Resp: 778091

Ion Ratio Lower Upper

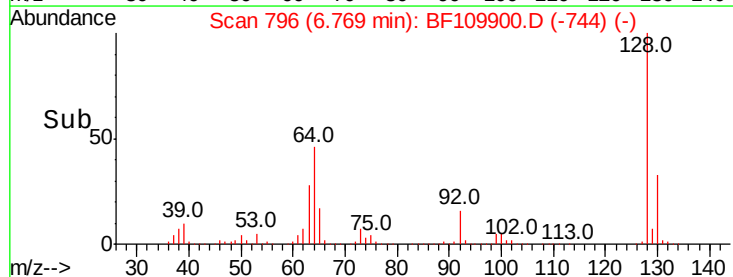
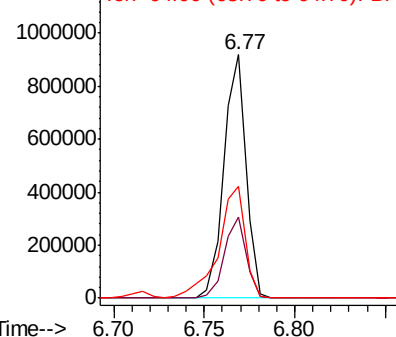
128 100

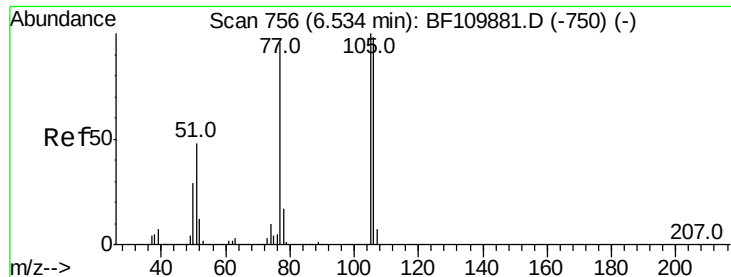
130 33.3 13.1 53.1

64 46.0 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.937 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

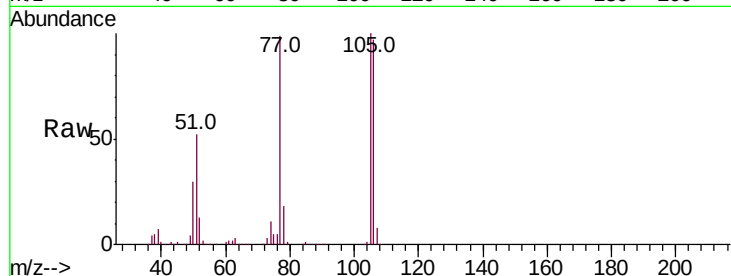
Tot Ion: 77 Resp: 550506

Ion Ratio Lower Upper

77 100

105 100.8 78.6 118.6

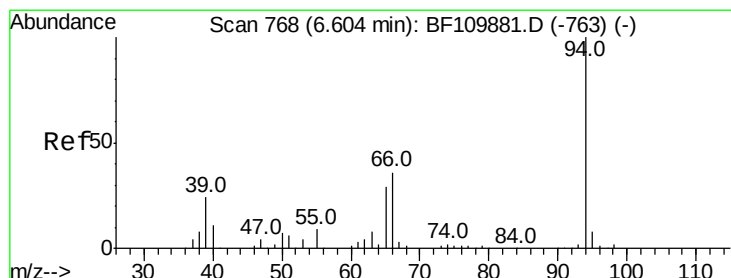
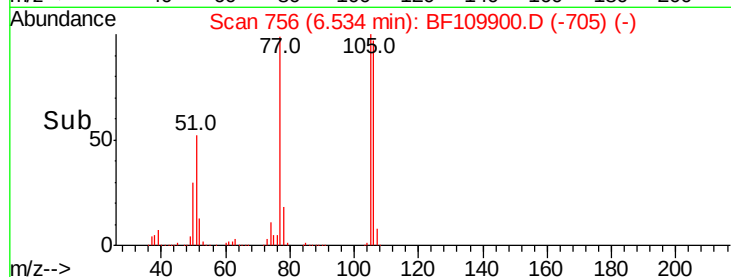
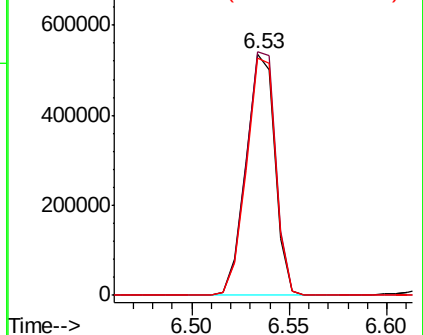
106 98.2 74.8 114.8



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: 40.317 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

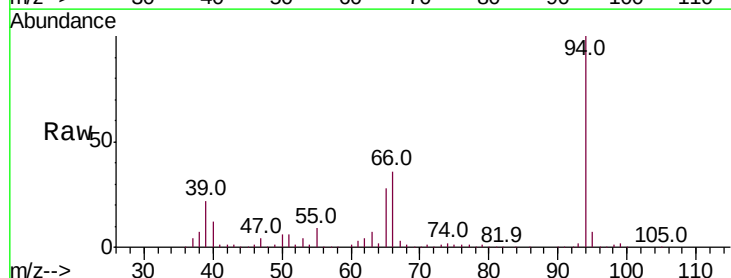
Tgt Ion: 94 Resp: 923322

Ion Ratio Lower Upper

94 100

65 28.1 25.3 65.3

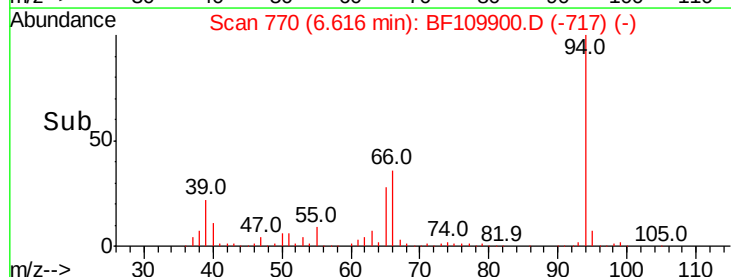
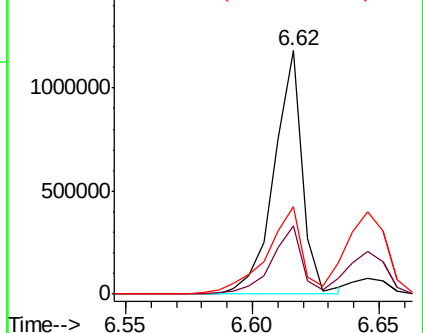
66 35.7 54.5 94.5#

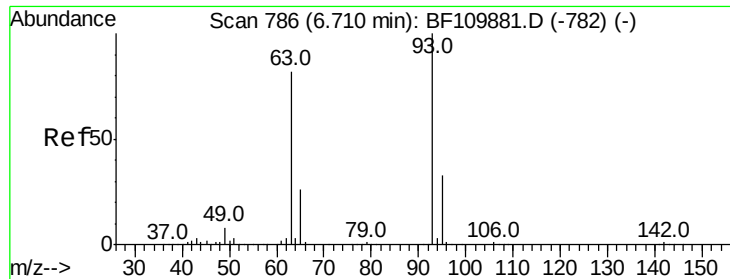


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.885 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

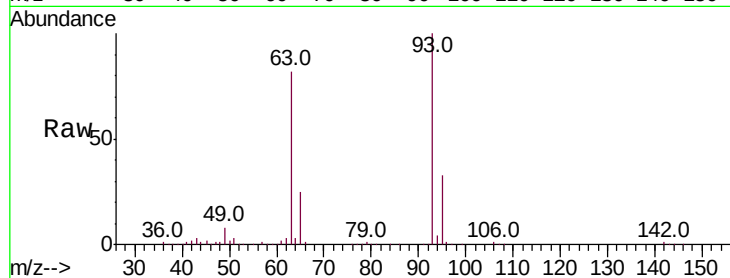
Tot Ion: 93 Resp: 763746

Ion Ratio Lower Upper

93 100

63 82.0 53.4 93.4

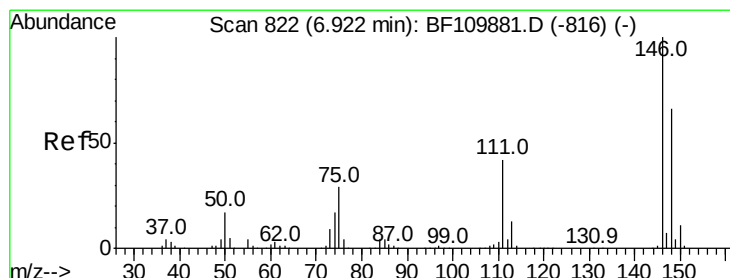
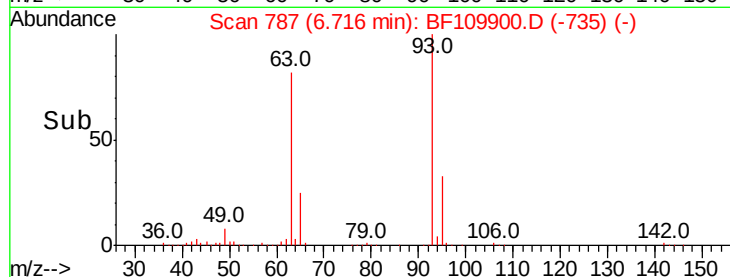
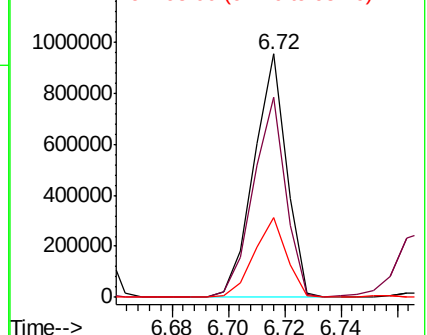
95 33.0 12.1 52.1



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: 40.060 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

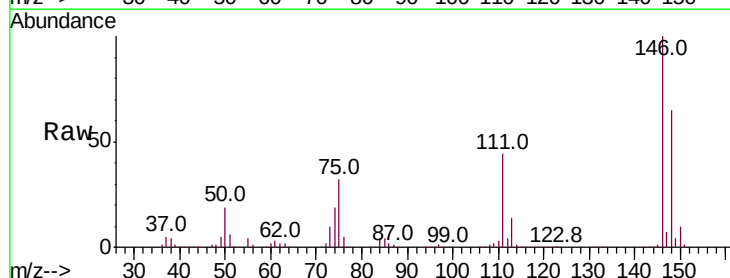
Tgt Ion: 146 Resp: 840537

Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

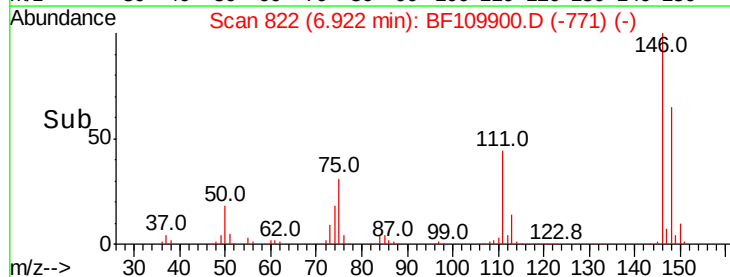
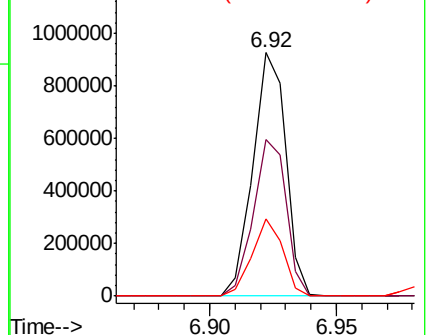
75 31.8 25.8 38.6

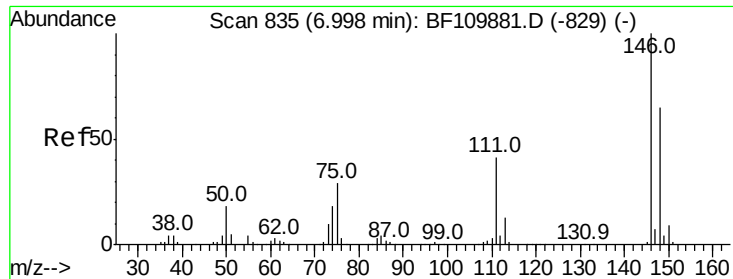


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

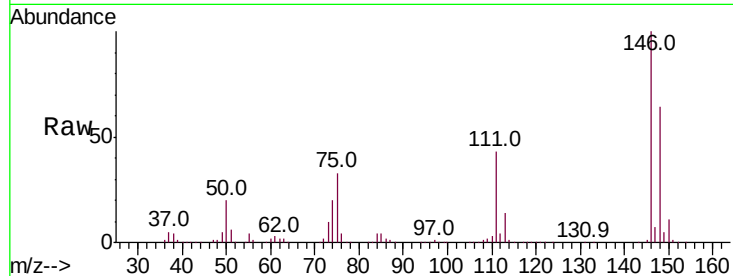




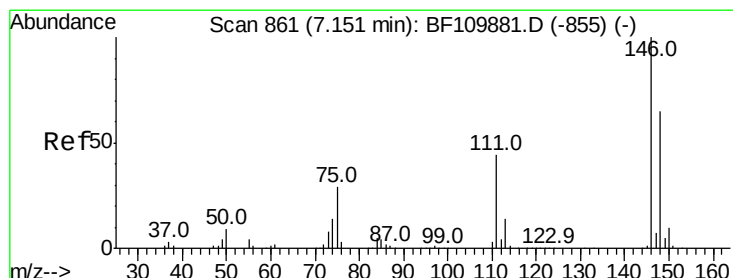
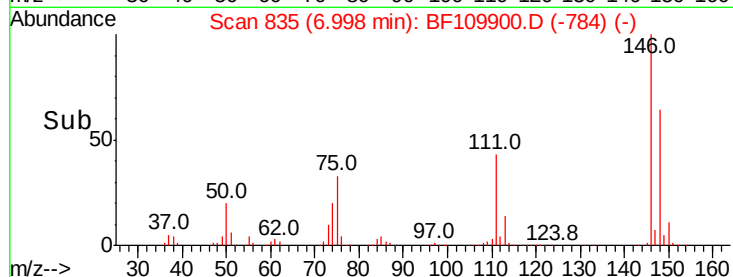
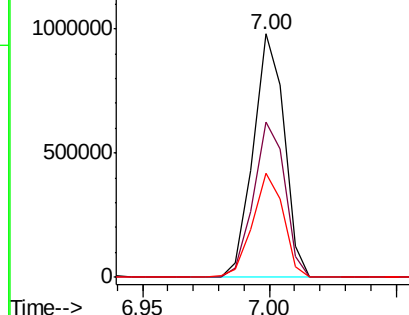
#13
 1,4-Dichlorobenzene
 Concen: 39.690 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 838690
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.3 75.5
 111 42.8 32.7 49.1

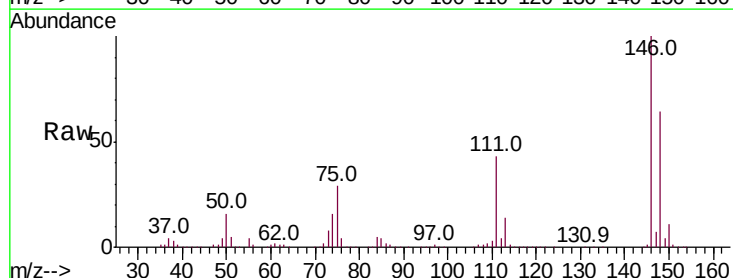


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

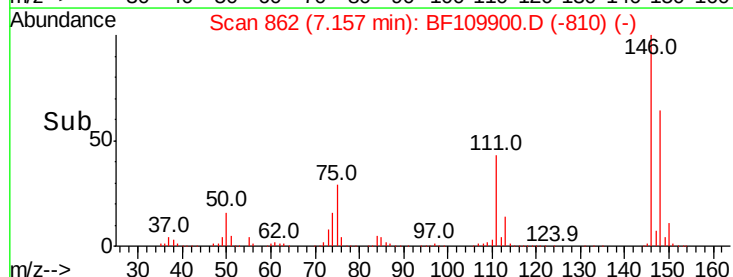
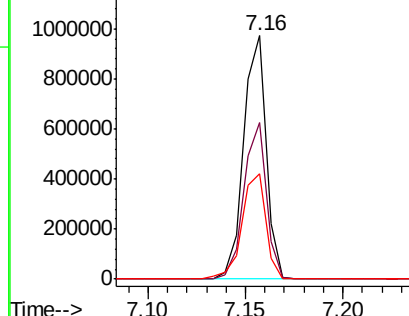


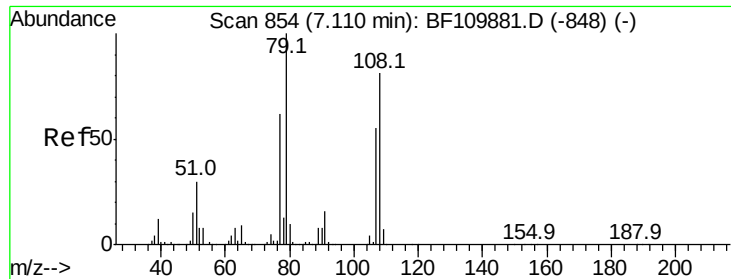
#14
 1,2-Dichlorobenzene
 Concen: 39.992 ng
 RT: 7.16 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion:146 Resp: 778180
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 43.2 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: 41.684 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampled :

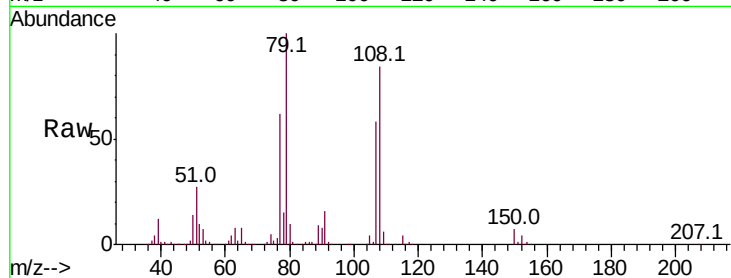
Tot Ion: 79 Resp: 680238

Ion Ratio Lower Upper

79 100

108 84.0 56.3 84.5

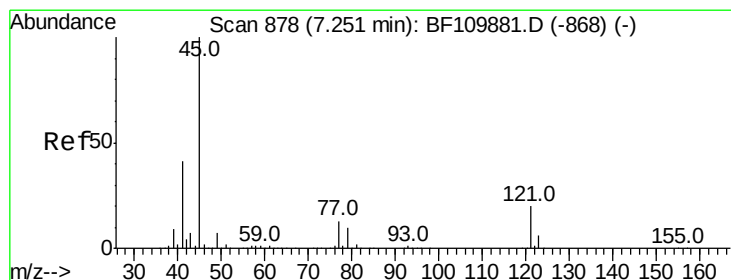
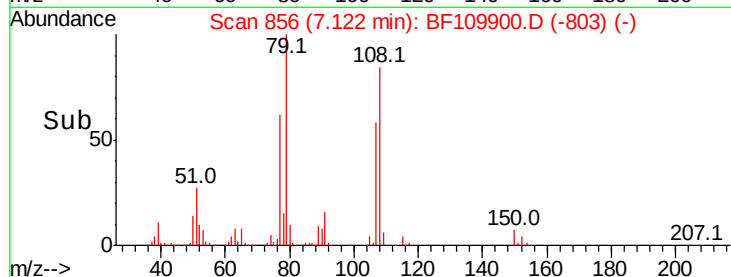
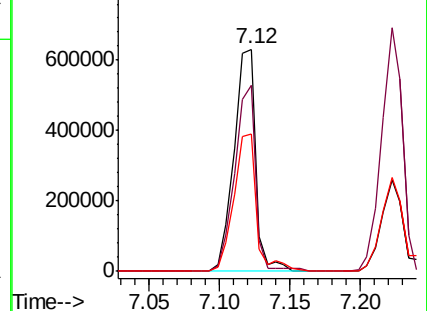
77 61.9 52.9 79.3



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: 39.689 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

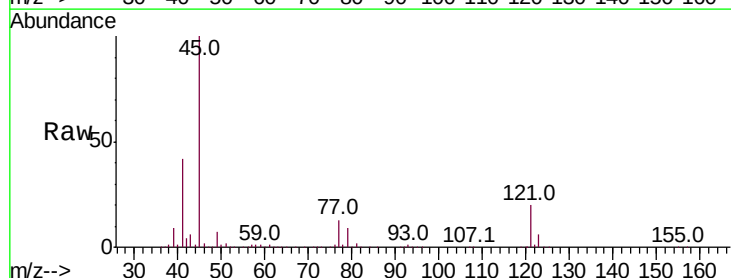
Tgt Ion: 45 Resp: 1247384

Ion Ratio Lower Upper

45 100

77 12.6 10.0 50.0

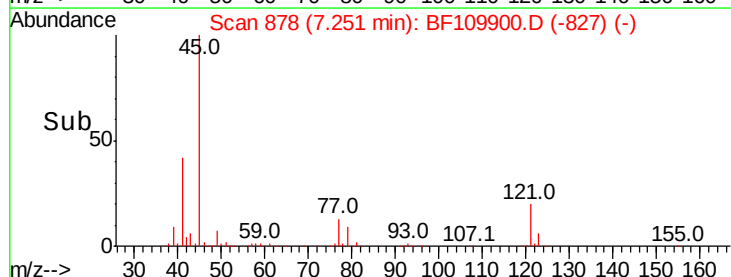
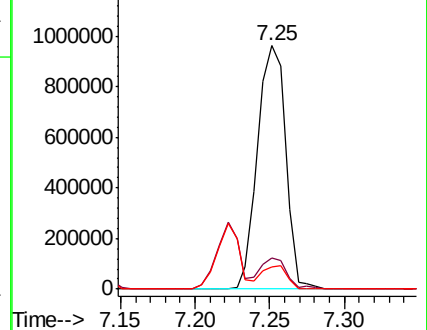
79 9.1 6.1 46.1

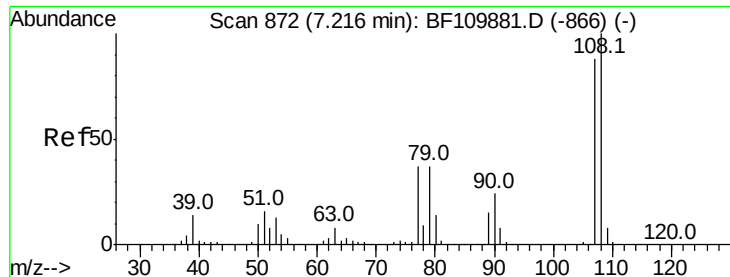


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

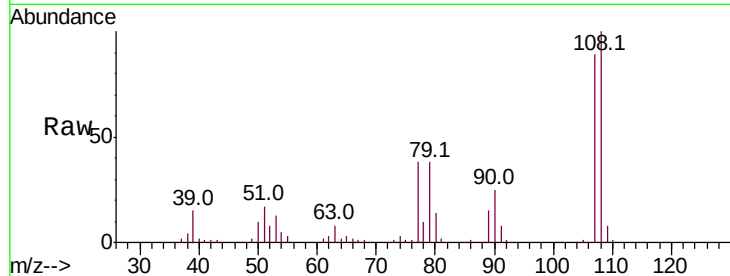




#17
2-Methylphenol
Concen: 40.638 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	43.3	59.4	89.2#
79	42.5	54.0	81.0#



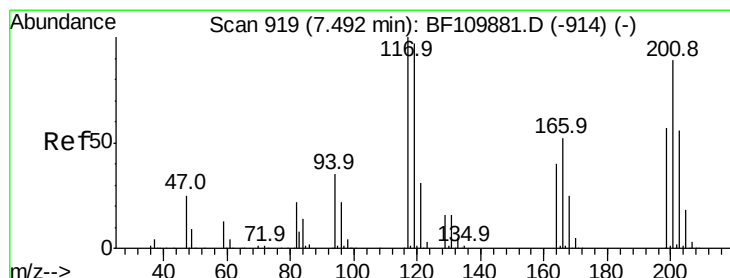
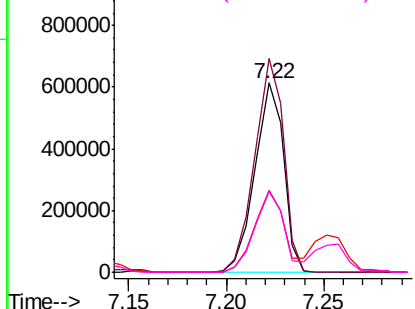
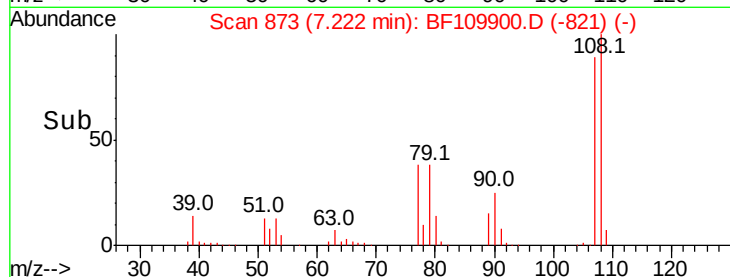
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

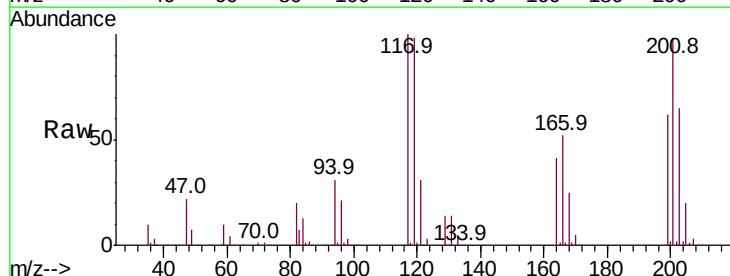
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.670 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.0	112.6
201	98.3	79.2	118.8

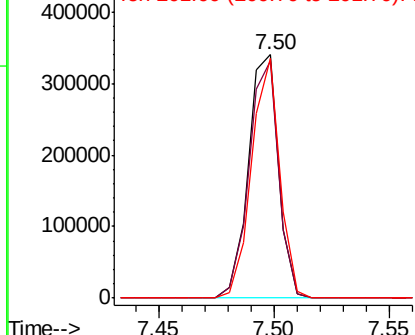
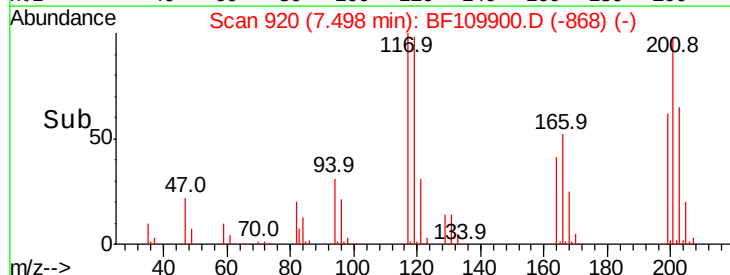


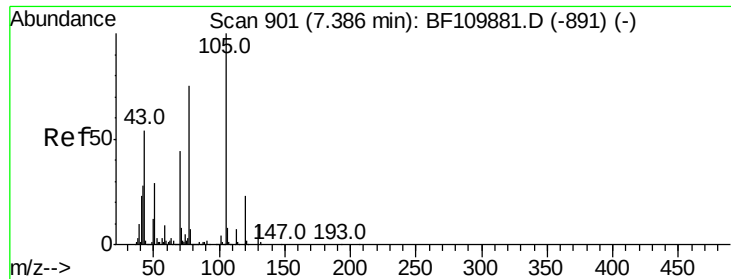
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

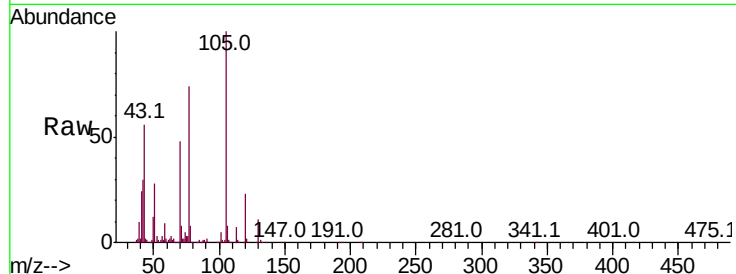




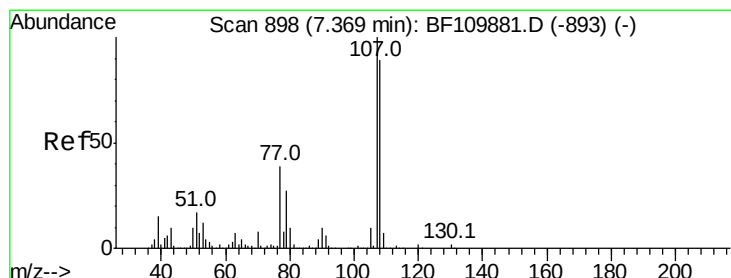
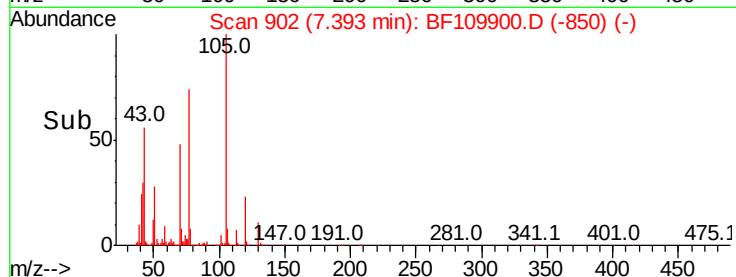
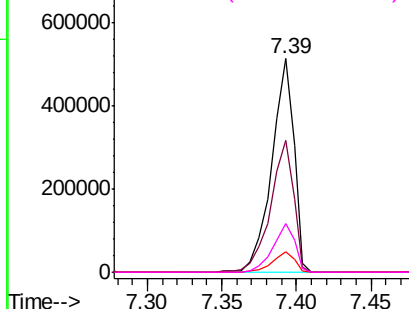
#19
n-Nitroso-di-n-propylamine
Concen: 38.982 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	530908
Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.4	71.2
101	9.9	7.3	10.9
130	23.0	16.2	24.2

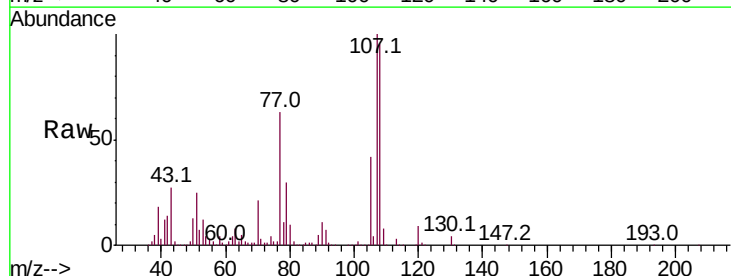


Abundance Ion 70.00 (69.70 to 70.70): BF1
800000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

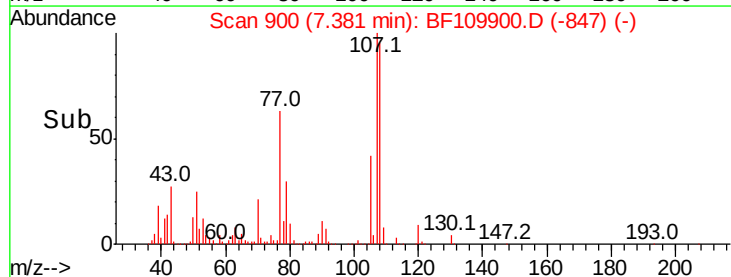
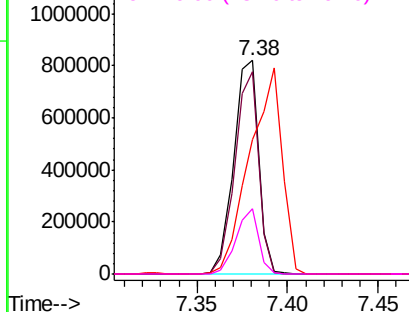


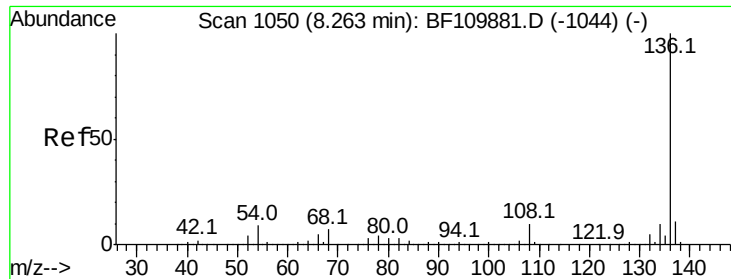
#20
3+4-Methylphenols
Concen: 40.184 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:	107	Resp:	786794
Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.4	111.4
77	62.8	47.3	87.3
79	30.4	10.9	50.9



Abundance Ion 107.00 (106.70 to 107.70): E
1200000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

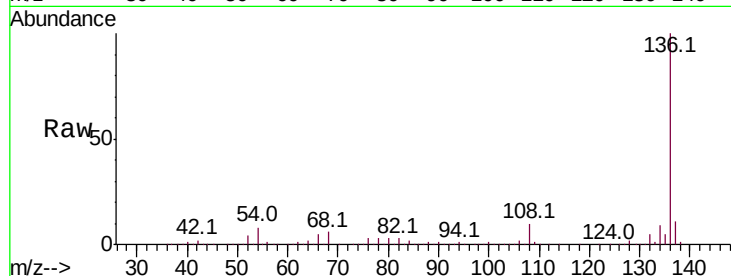




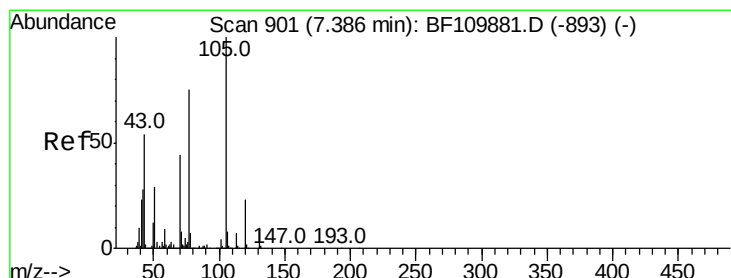
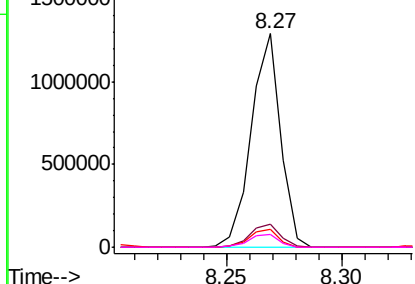
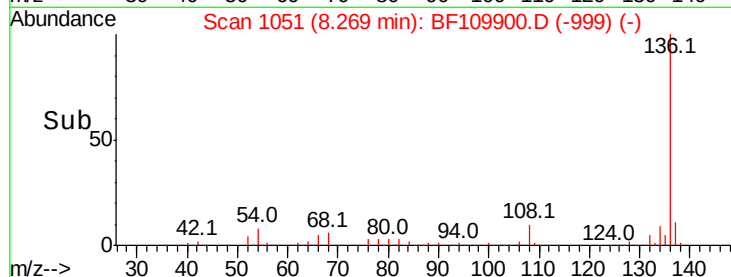
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1145203
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.4	5.4 8.2#
68 6.0	4.2 6.2

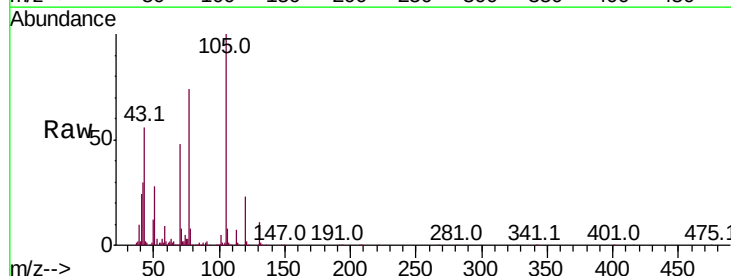


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

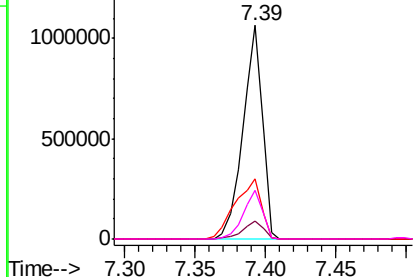
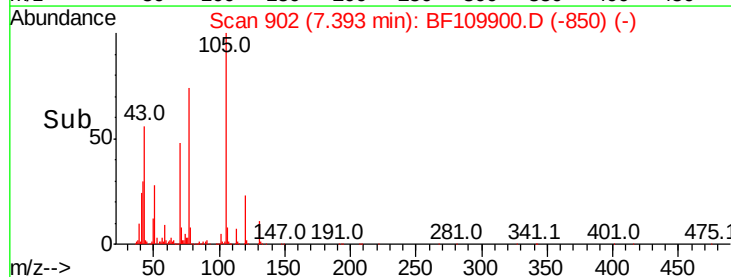


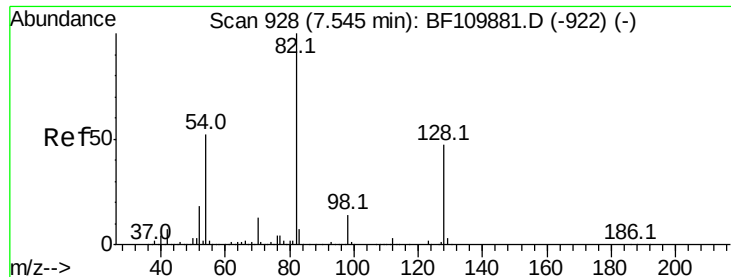
#22
Acetophenone
Concen: 38.169 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:105	Resp: 1013701
Ion Ratio	Lower Upper
105 100	
71 8.3	5.2 7.8#
51 28.3	21.8 32.8
120 22.9	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.506 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

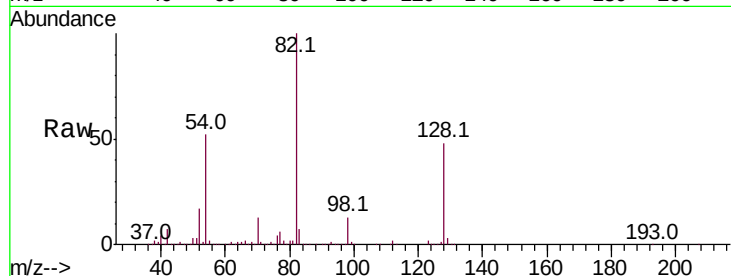
Tot Ion: 82 Resp: 1504628

Ion Ratio Lower Upper

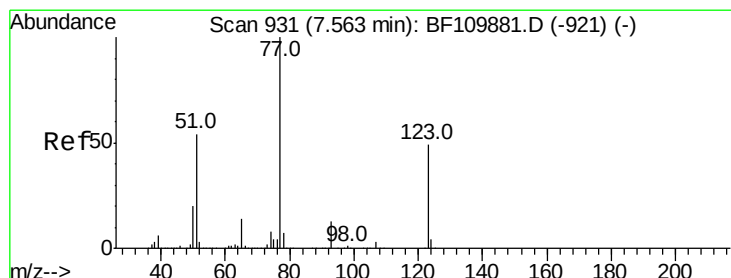
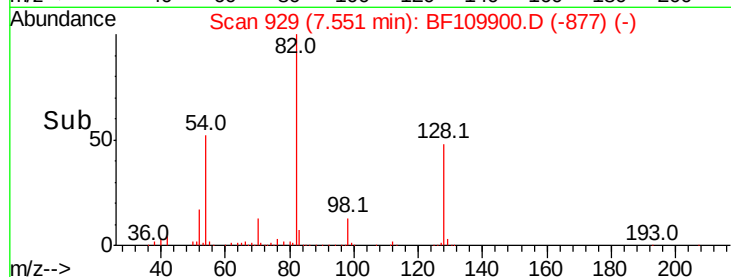
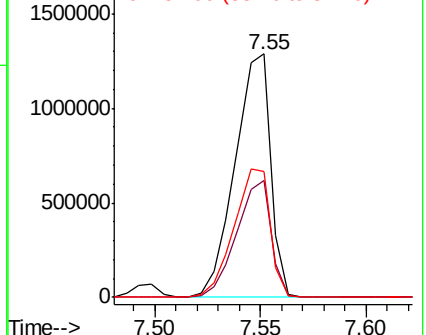
82 100

128 48.2 34.2 51.2

54 51.5 38.6 58.0



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



#24

Nitrobenzene

Concen: 43.245 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

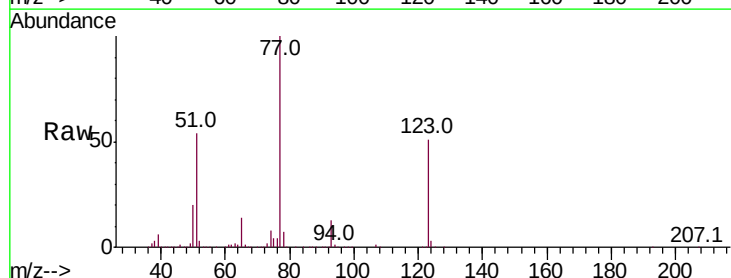
Tgt Ion: 77 Resp: 798659

Ion Ratio Lower Upper

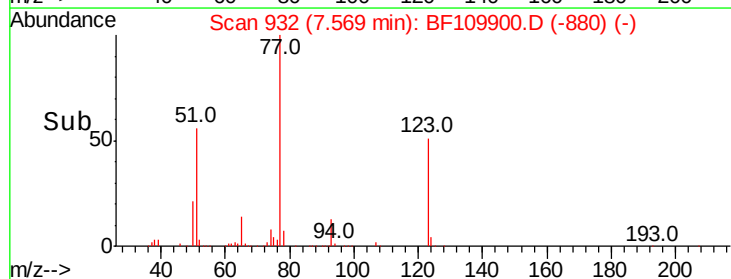
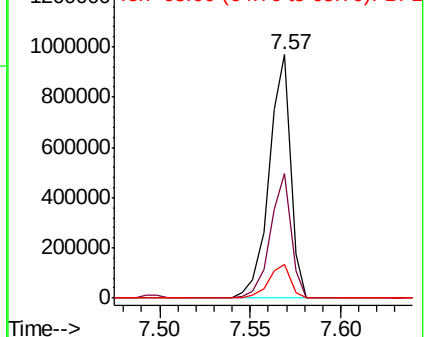
77 100

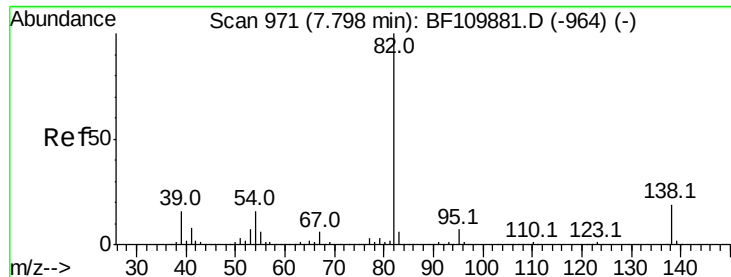
123 51.1 35.7 53.5

65 13.6 10.7 16.1



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





#25

Isophorone

Concen: 39.005 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

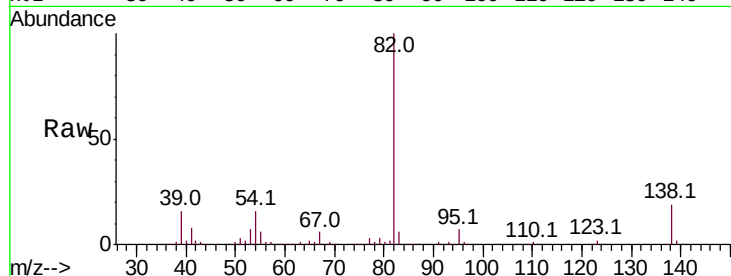
Tot Ion: 82 Resp: 1302918

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

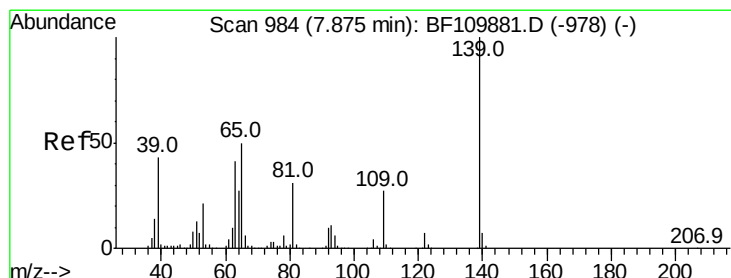
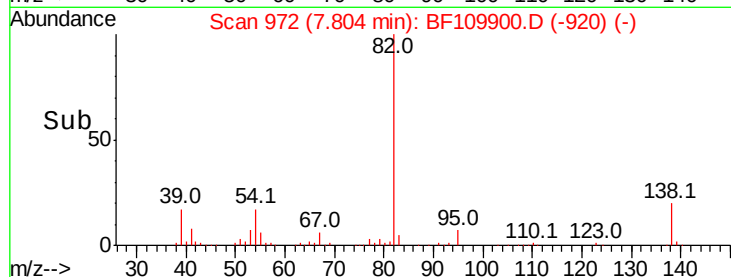
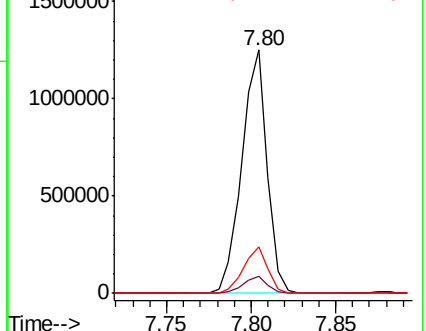
138 19.1 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.938 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

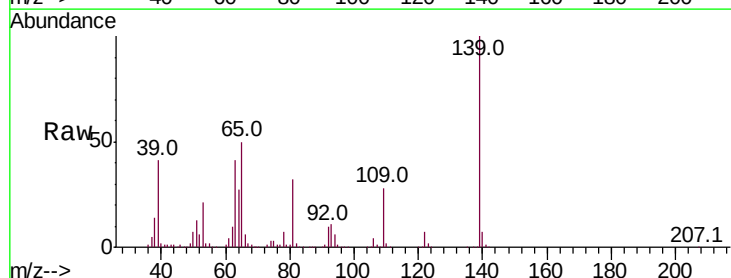
Tgt Ion: 139 Resp: 390043

Ion Ratio Lower Upper

139 100

109 27.8 25.0 37.6

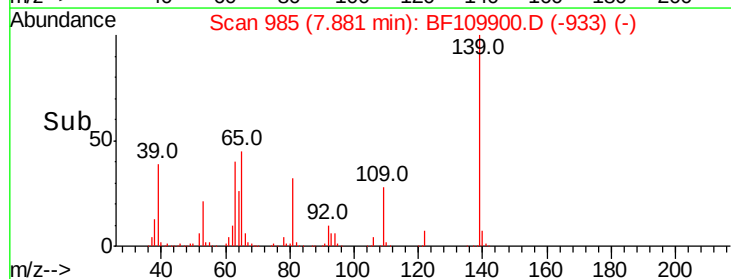
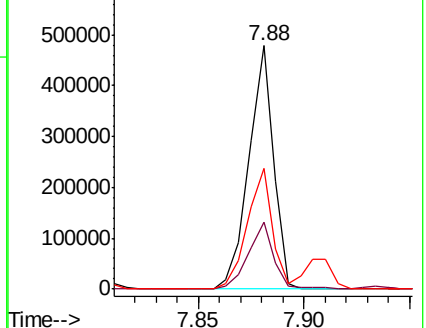
65 49.8 44.0 66.0

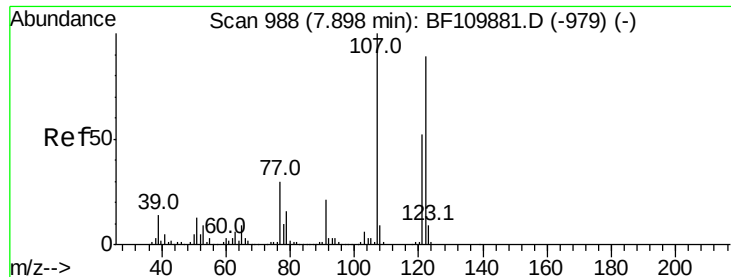


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.440 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampled :

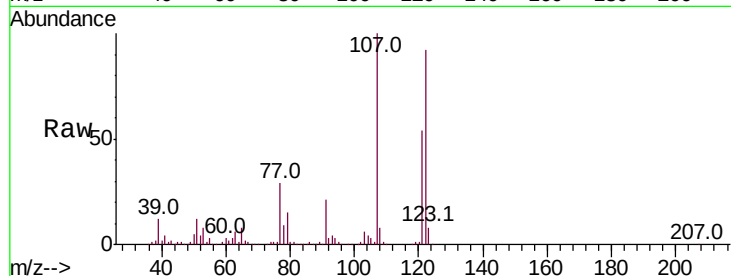
Tot Ion:122 Resp: 634573

Ion Ratio Lower Upper

122 100

107 108.8 92.5 138.7

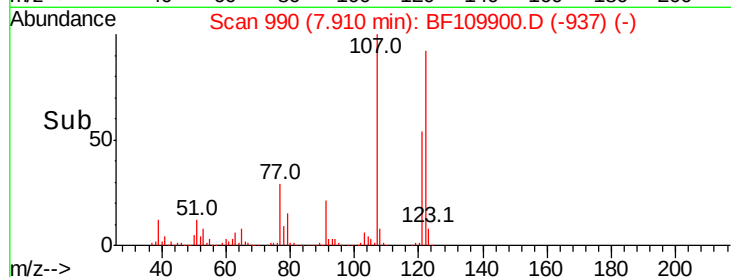
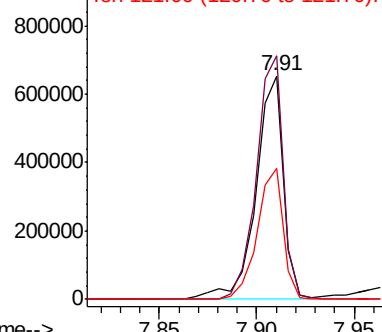
121 58.3 45.8 68.8



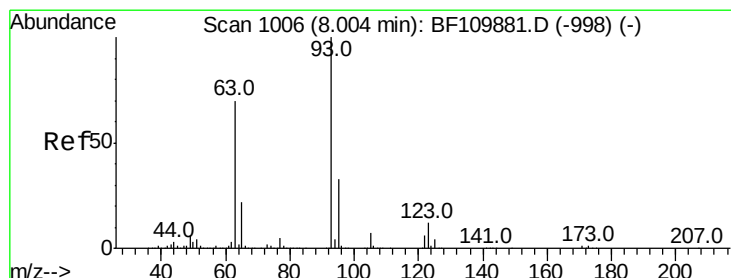
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 38.904 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

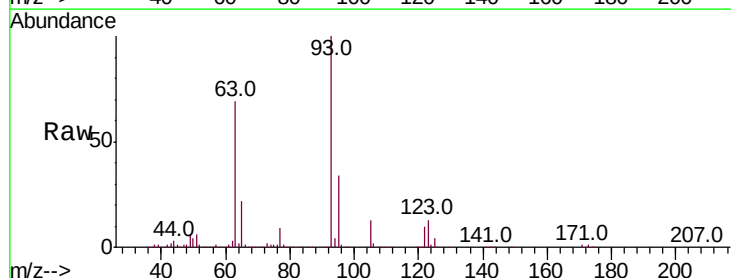
Tgt Ion: 93 Resp: 891864

Ion Ratio Lower Upper

93 100

95 33.6 26.4 39.6

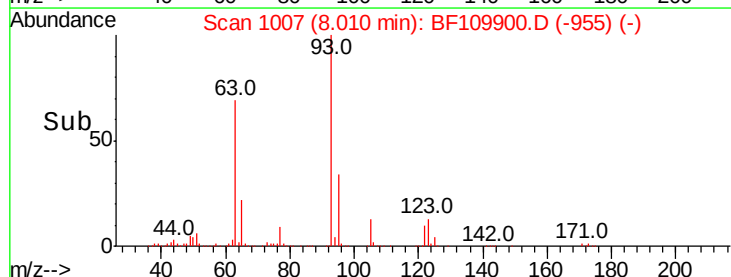
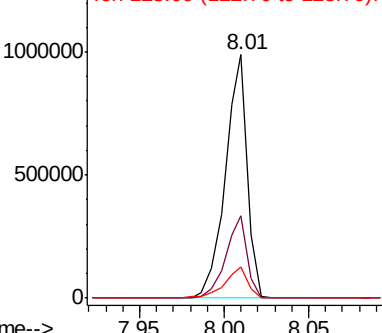
123 12.6 9.0 13.6



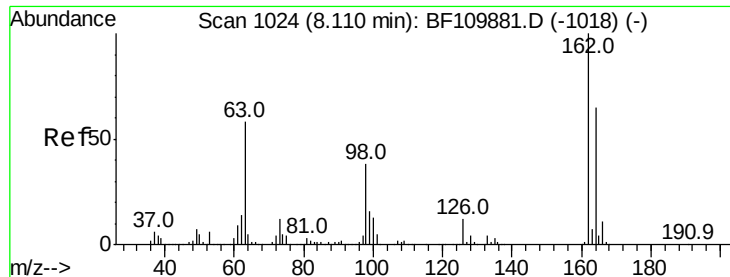
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



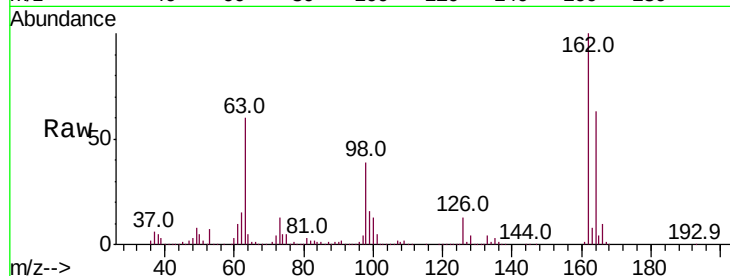
Time-->



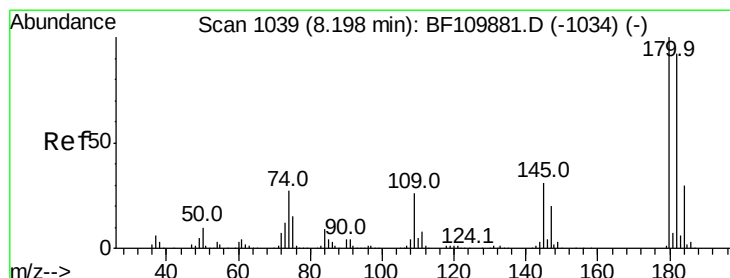
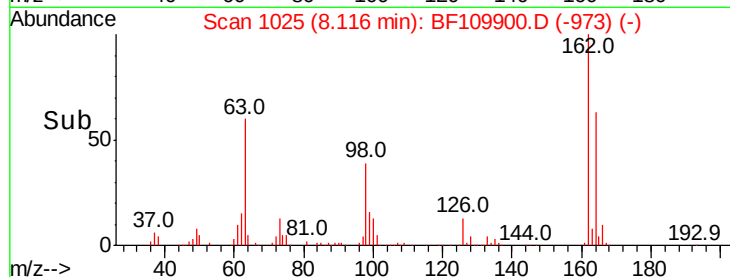
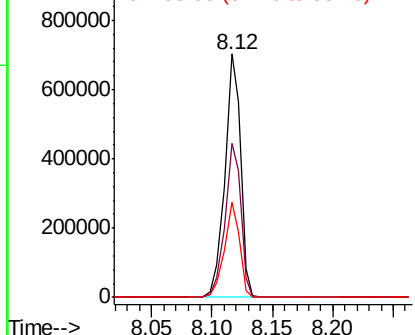
#29
 2,4-Dichlorophenol
 Concen: 40.512 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	39.3	17.4	57.4

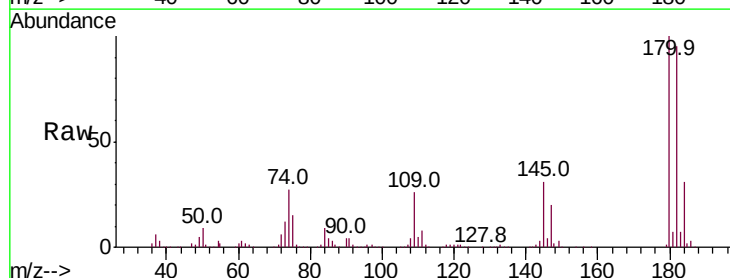


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

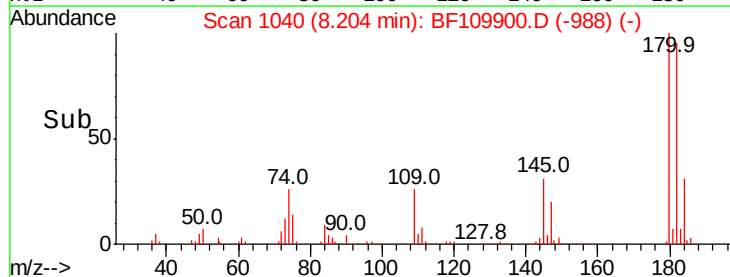
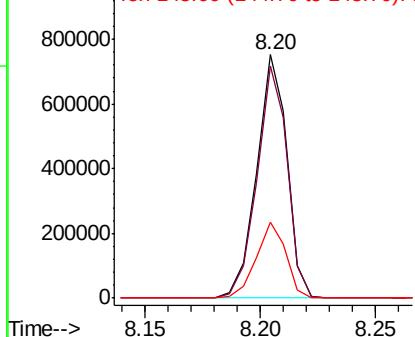


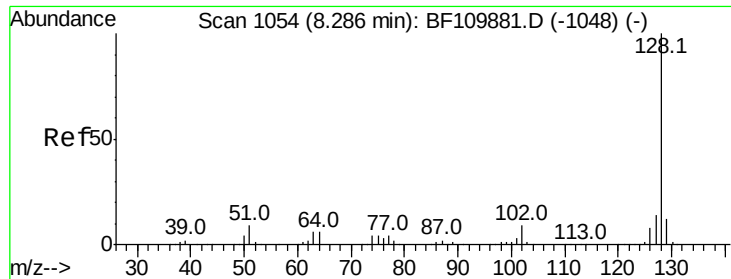
#30
 1,2,4-Trichlorobenzene
 Concen: 39.272 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	80.3	120.5
145	31.4	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

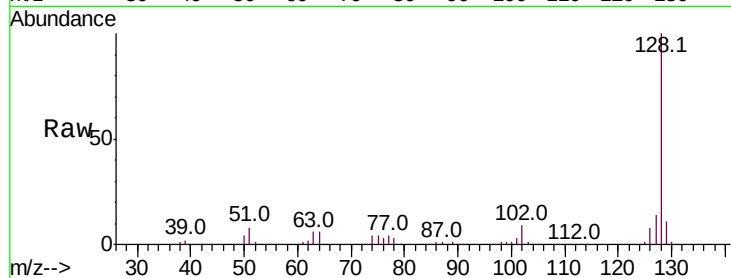




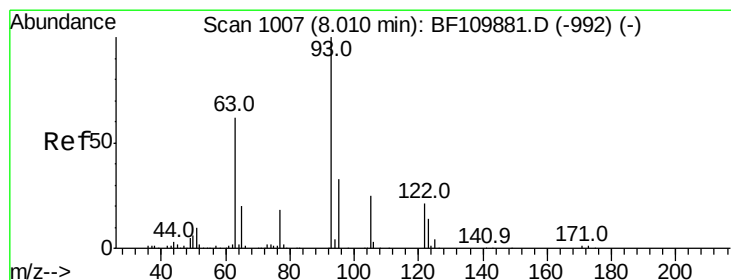
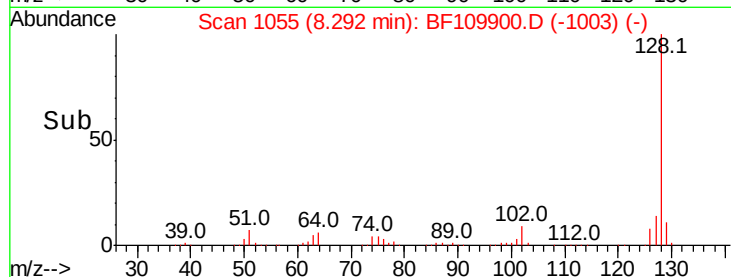
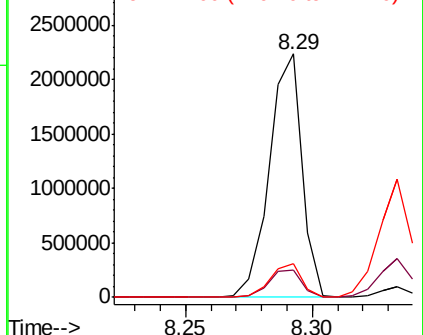
#31
Naphthalene
Concen: 38.509 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 2022309
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.8 16.2

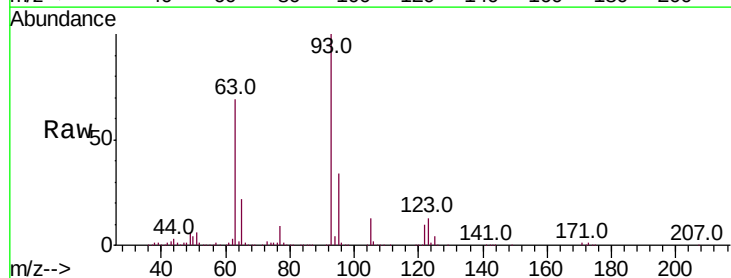


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

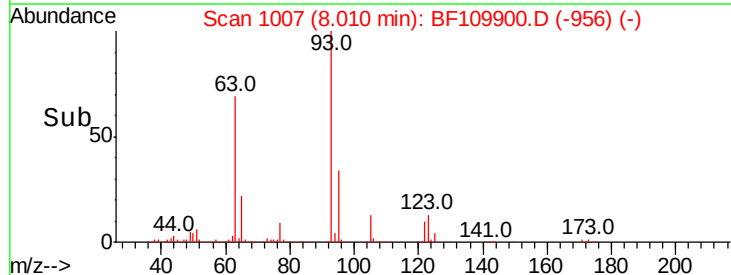
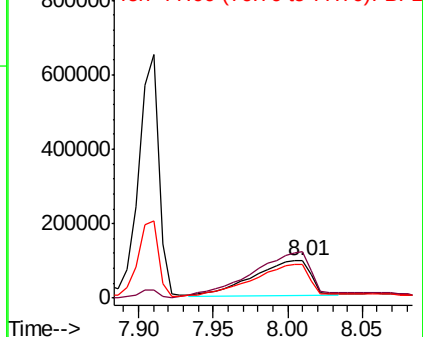


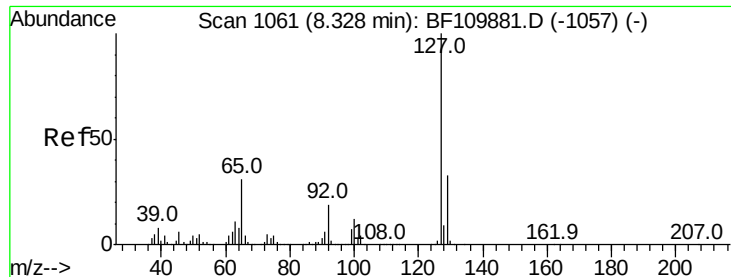
#32
Benzoic acid
Concen: 25.270 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:122 Resp: 253329
Ion Ratio Lower Upper
122 100
105 123.3 109.0 149.0
77 91.8 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

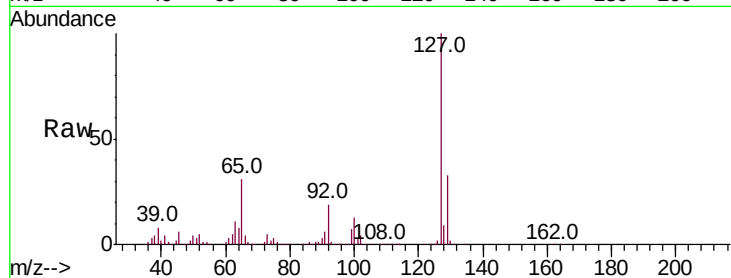




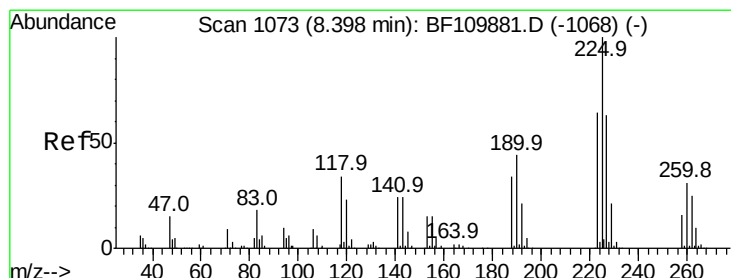
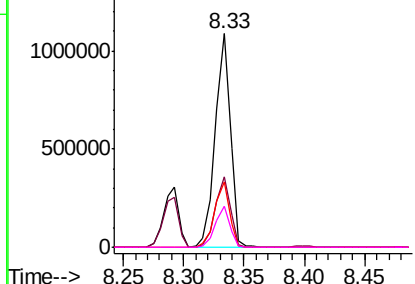
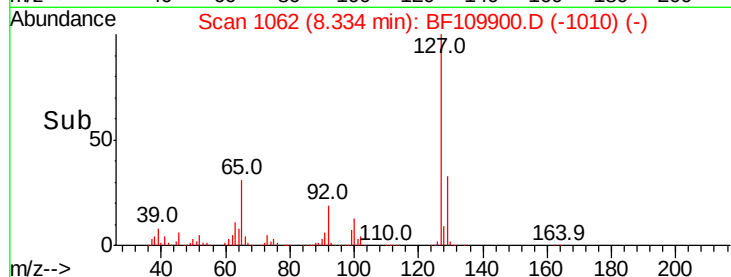
#33
4-Chloroaniline
Concen: 39.374 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	929487
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	30.8	25.1	37.7
92	18.9	15.0	22.6

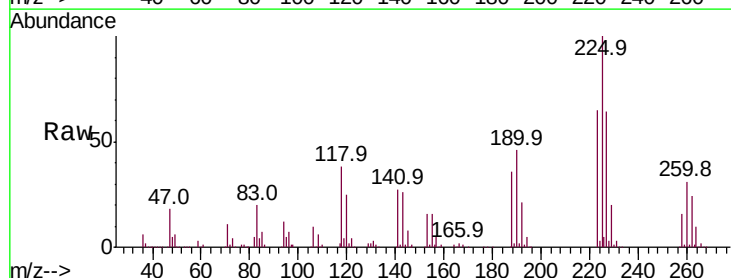


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

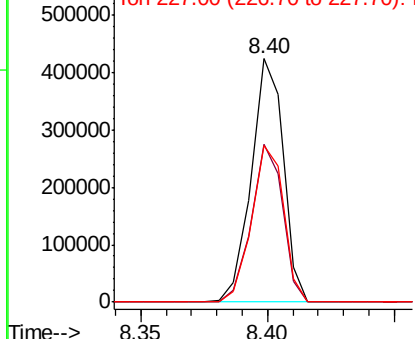
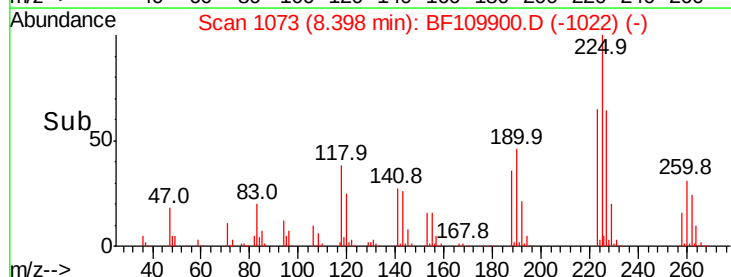


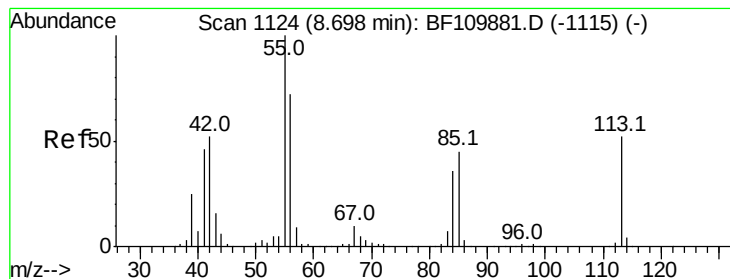
#34
Hexachlorobutadiene
Concen: 38.981 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:	225	Resp:	375659
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.4	77.2
227	64.1	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: 38.808 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

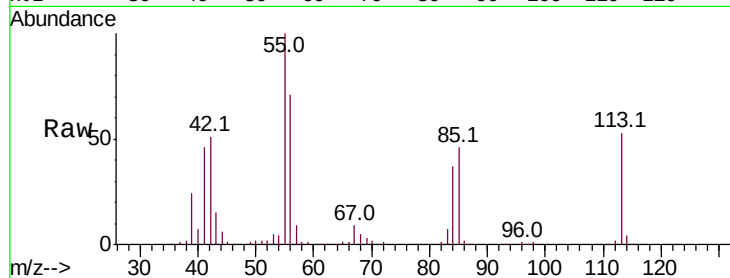
Tot Ion:113 Resp: 215123

Ion Ratio Lower Upper

113 100

55 187.6 142.8 182.8#

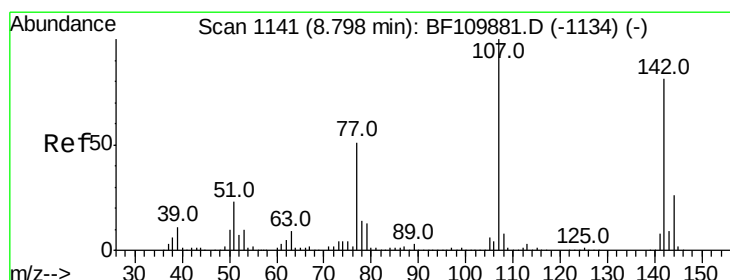
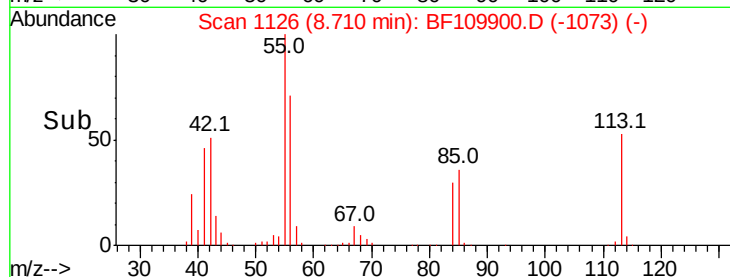
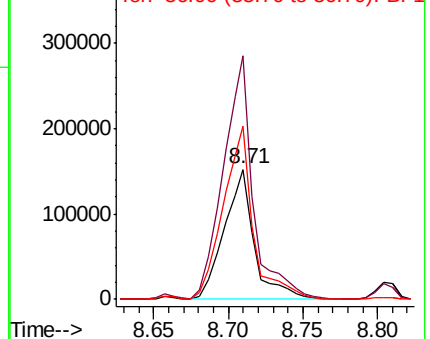
56 133.9 105.0 145.0



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: 40.268 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

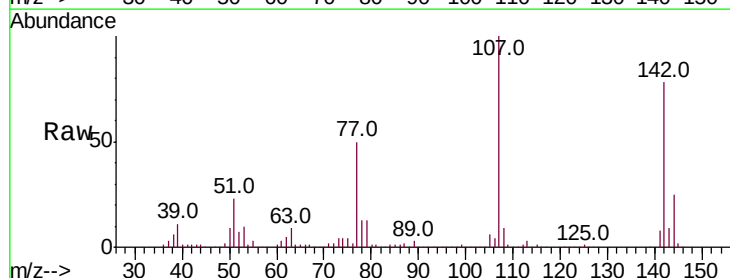
Tgt Ion:107 Resp: 663040

Ion Ratio Lower Upper

107 100

144 25.3 20.0 30.0

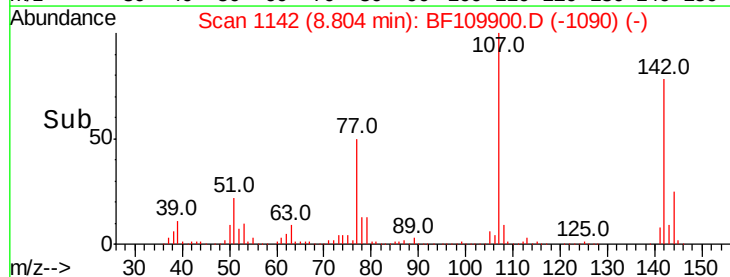
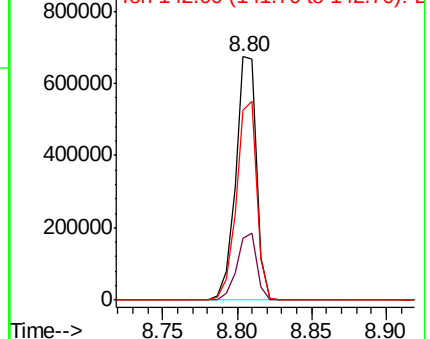
142 77.7 59.7 89.5

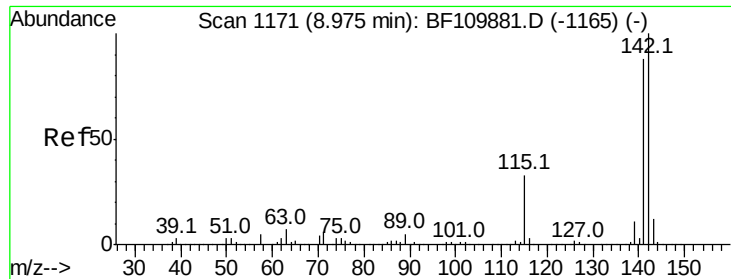


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

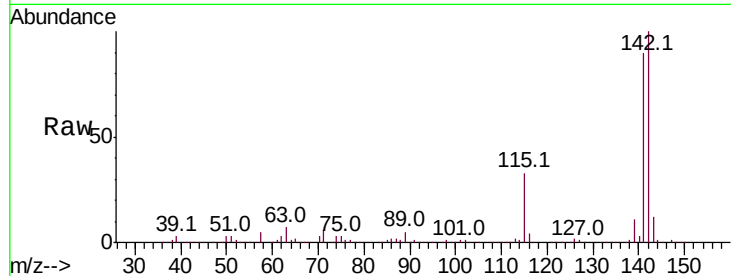




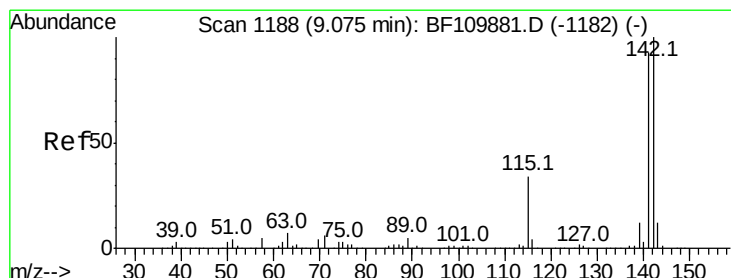
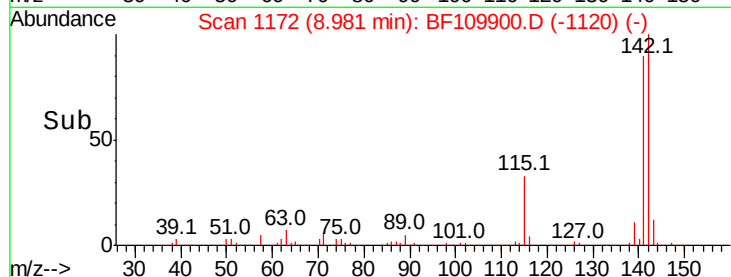
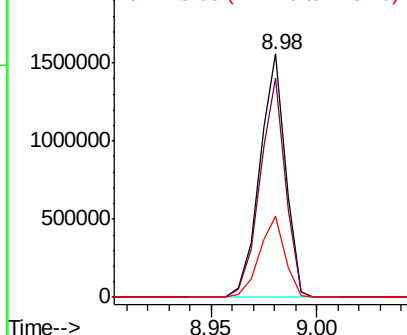
#37
2-Methylnaphthalene
Concen: 38.905 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1322955
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 33.0 28.7 43.1

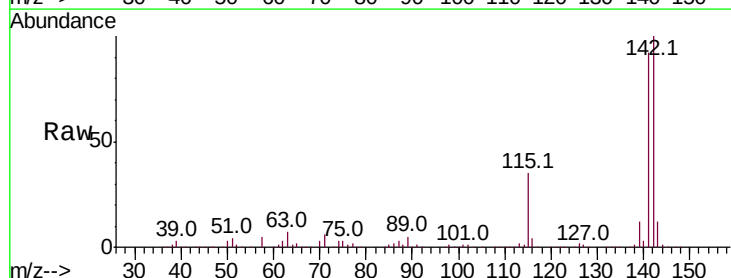


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

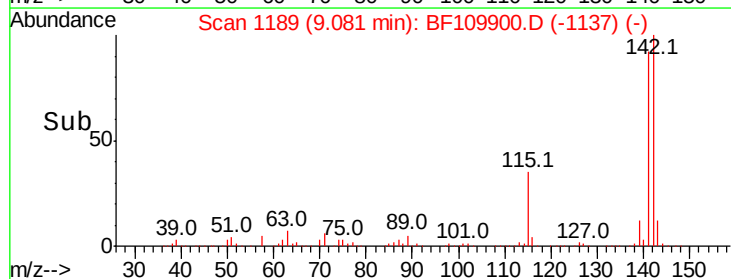
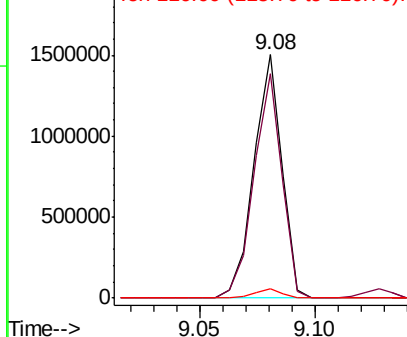


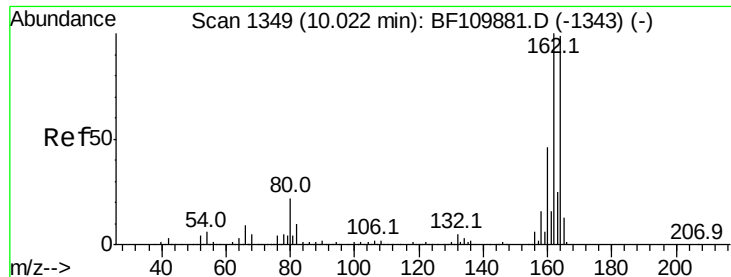
#38
1-Methylnaphthalene
Concen: 38.644 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:142 Resp: 1273344
Ion Ratio Lower Upper
142 100
141 92.2 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: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampled :

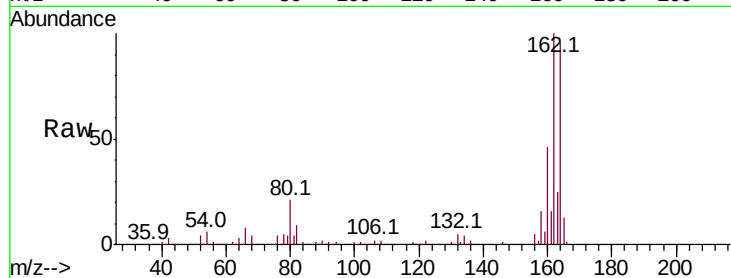
Tot Ion:164 Resp: 528709

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

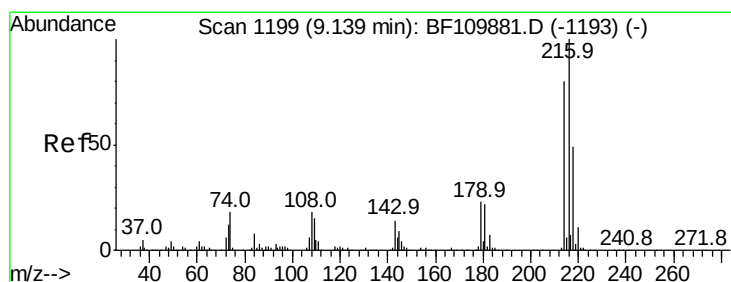
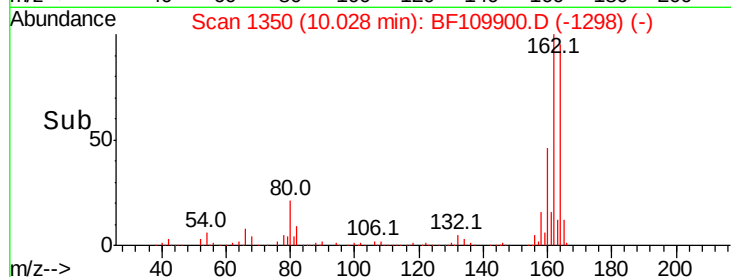
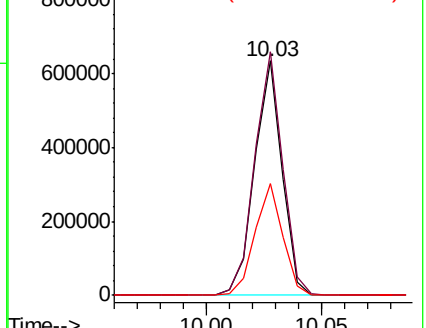
160 47.8 37.0 55.6



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: 39.233 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion:216 Resp: 638899

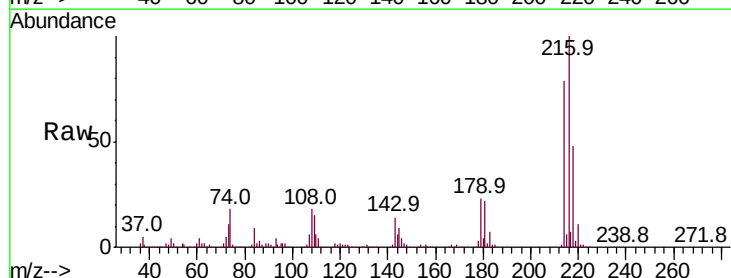
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.7 16.6 25.0

108 20.0 15.1 22.7

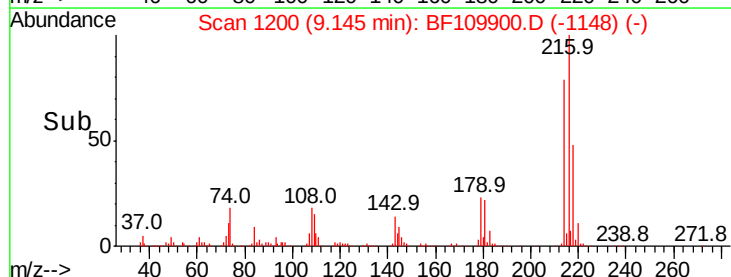
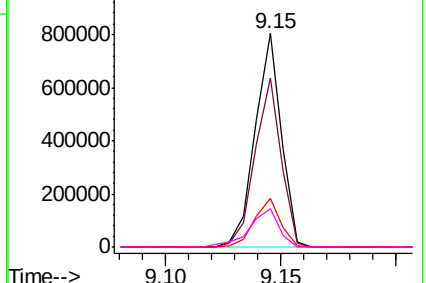


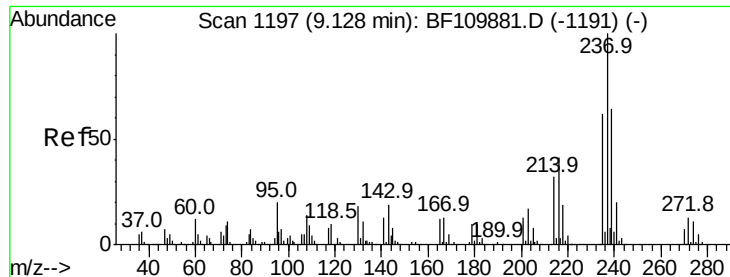
Abundance Ion 216.00 (215.70 to 216.70): E

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

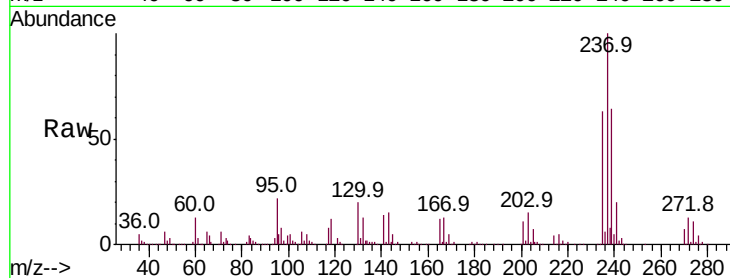




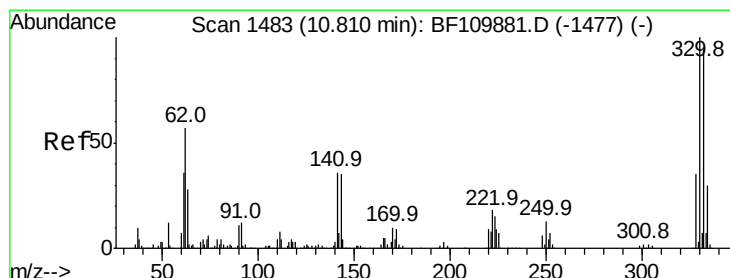
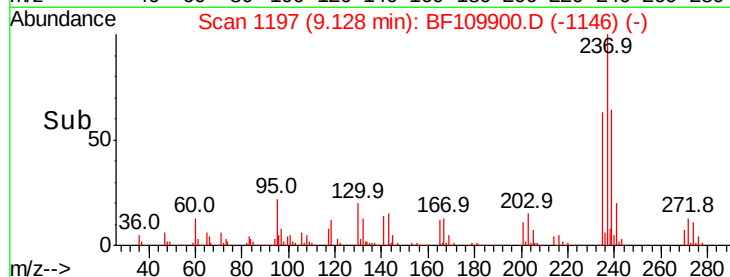
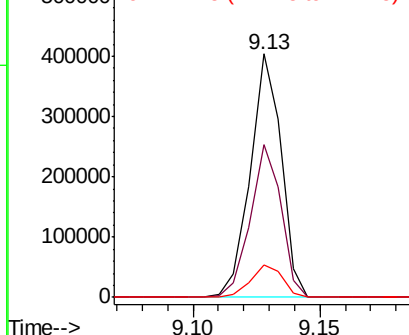
#41
Hexachlorocyclopentadiene
Concen: 43.644 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 343042
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 13.3 0.0 32.6

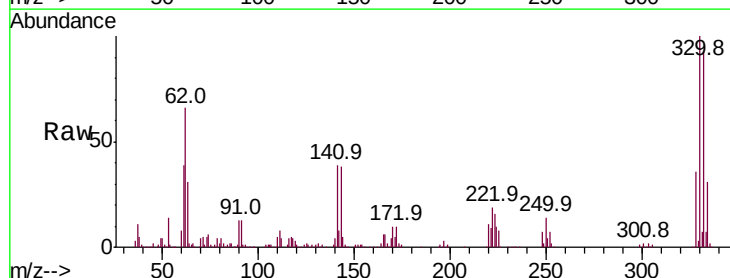


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

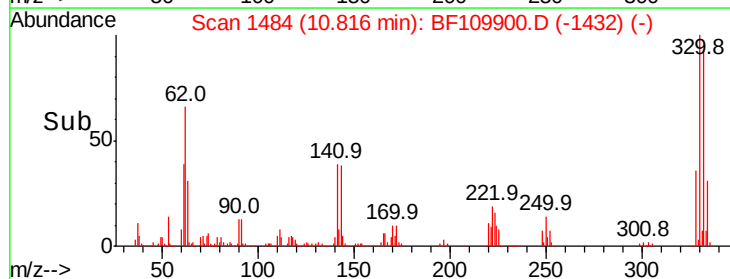
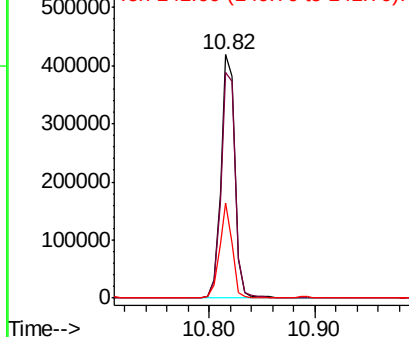


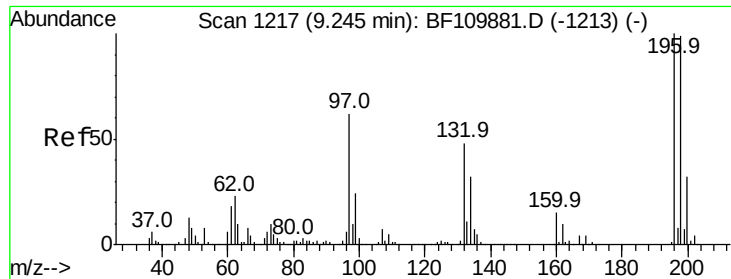
#42
2,4,6-Tribromophenol
Concen: 85.709 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:330 Resp: 392325
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 35.8 27.0 40.4



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

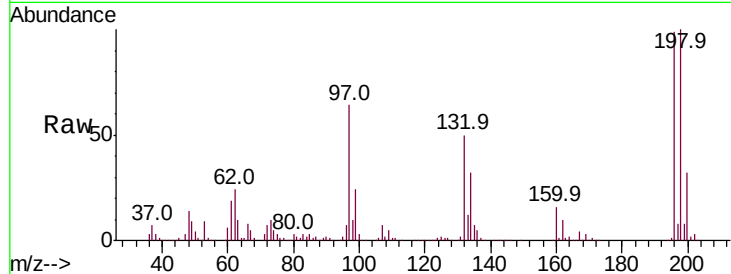




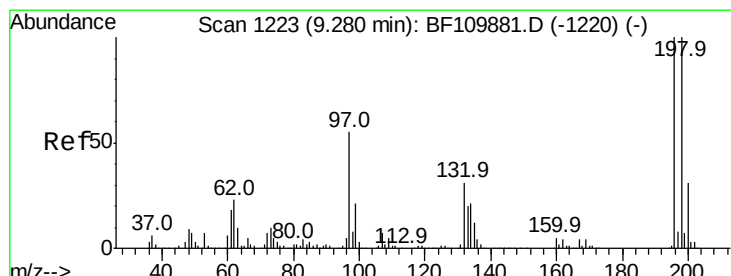
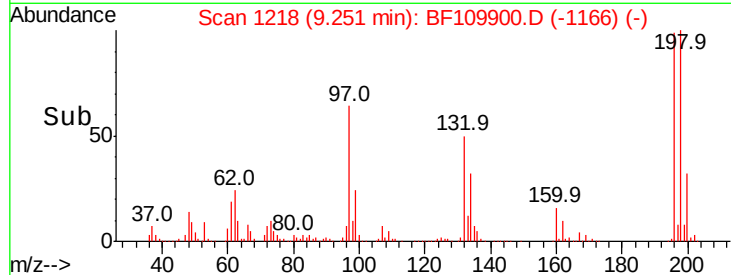
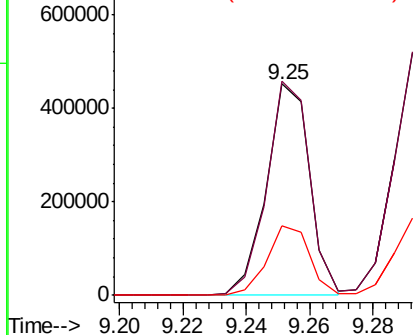
#43
 2,4,6-Trichlorophenol
 Concen: 42.110 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	428799
Ion	Ratio	Lower	Upper
196	100		
198	101.3	76.2	114.4
200	32.6	24.4	36.6



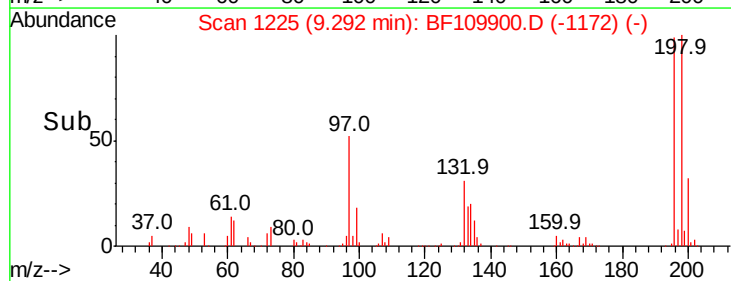
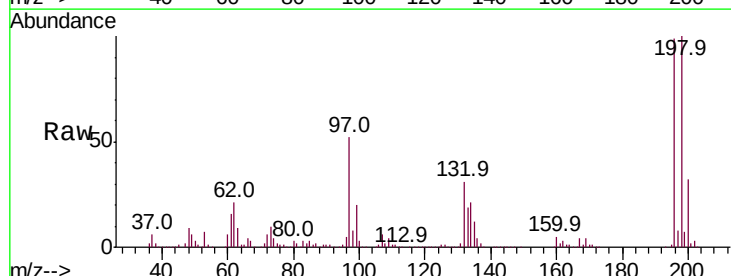
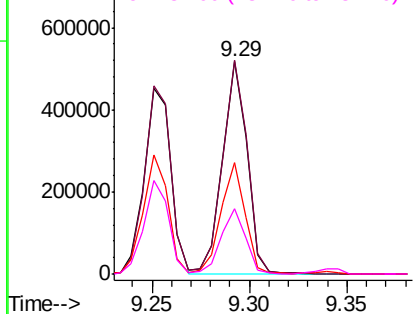
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

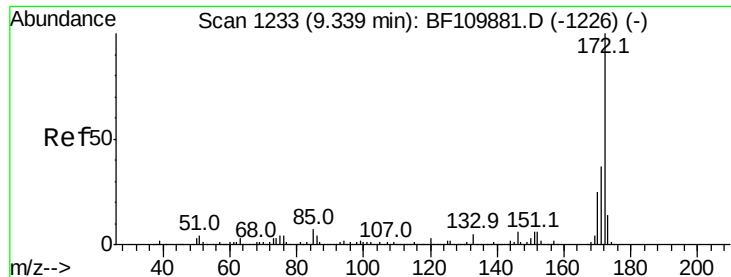


#44
 2,4,5-Trichlorophenol
 Concen: 42.710 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion:	196	Resp:	451381
Ion	Ratio	Lower	Upper
196	100		
198	100.6	75.8	113.6
97	52.5	42.4	63.6
132	31.1	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

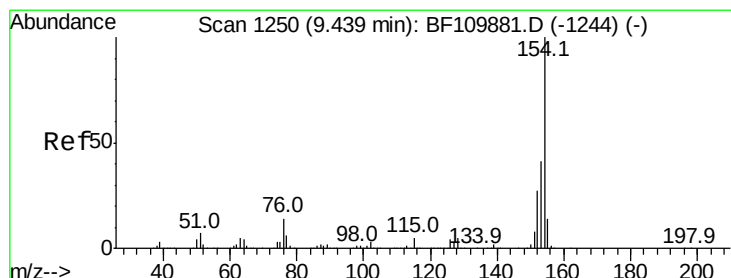
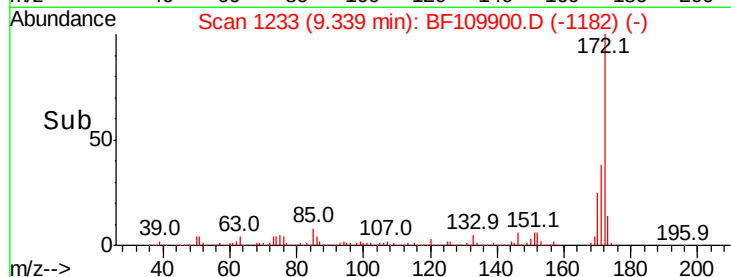
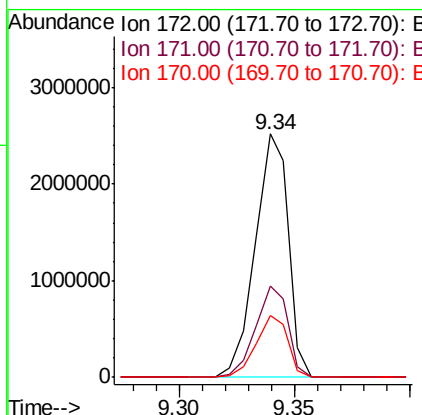
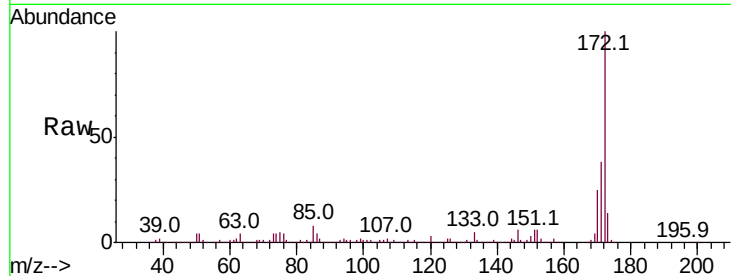




#45
2-Fluorobiphenyl
Concen: 75.860 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

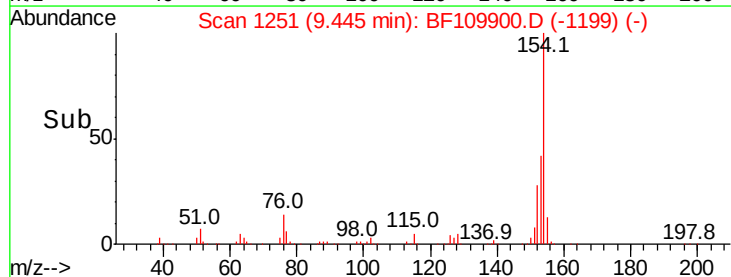
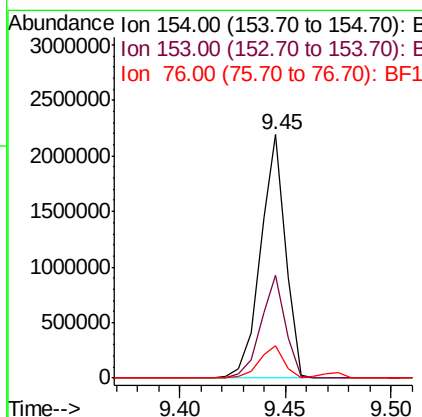
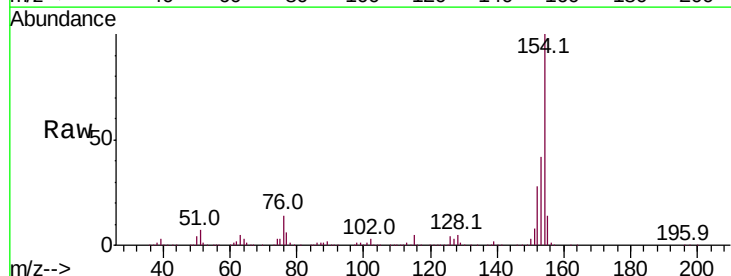
Instrument :
BNA_F
ClientSampleId :

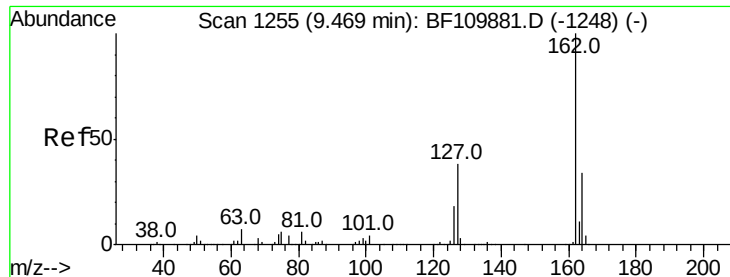
Tot Ion:172 Resp: 2513581
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.5 19.7 29.5



#46
1,1'-Biphenyl
Concen: 38.055 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:154 Resp: 1792631
Ion Ratio Lower Upper
154 100
153 42.0 20.4 60.4
76 13.6 0.0 31.9



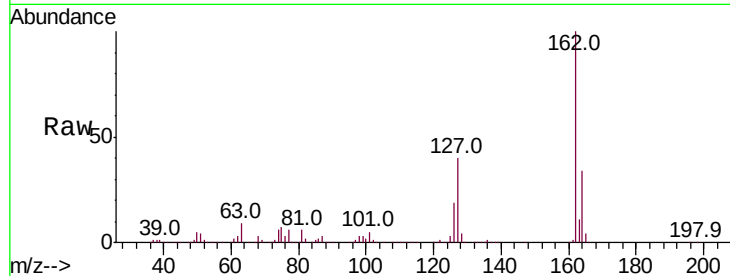


#47
 2-Chloronaphthalene
 Concen: 39.062 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

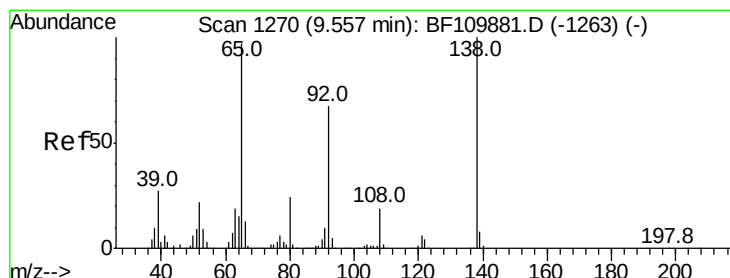
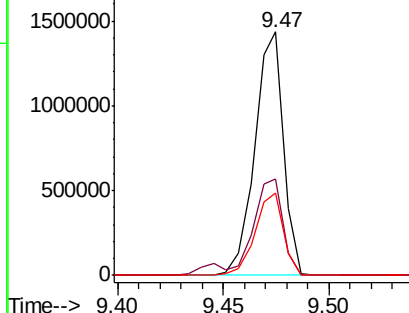
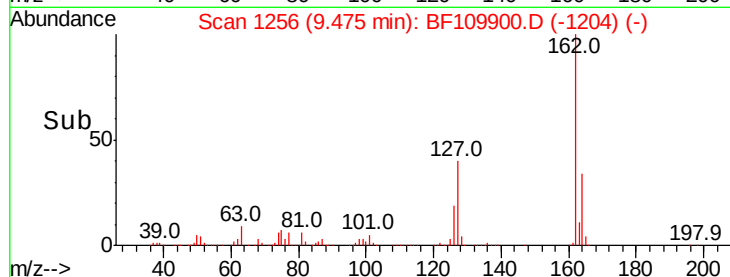
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1355387

Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	33.7	25.9	38.9



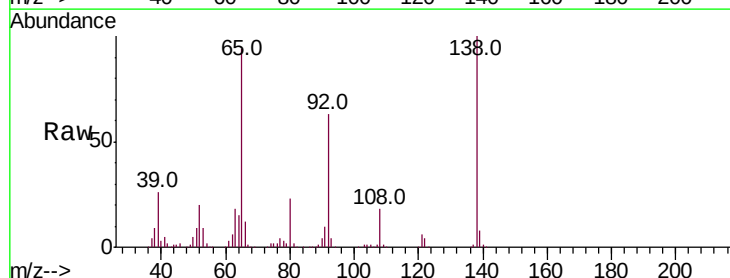
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



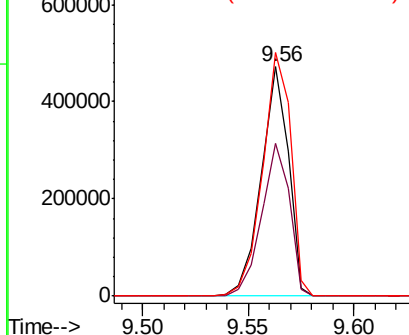
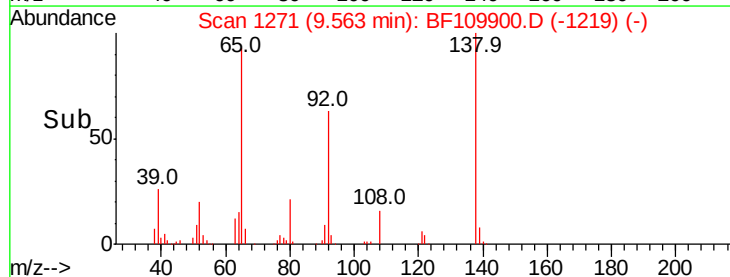
#48
 2-Nitroaniline
 Concen: 47.743 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

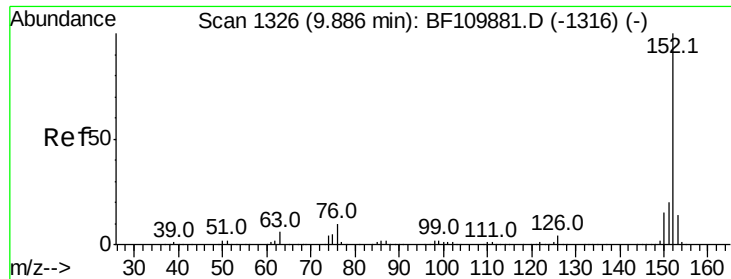
Tgt Ion: 65 Resp: 425129

Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	106.3	80.3	120.5



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





#49

Acenaphthylene

Concen: 38.659 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

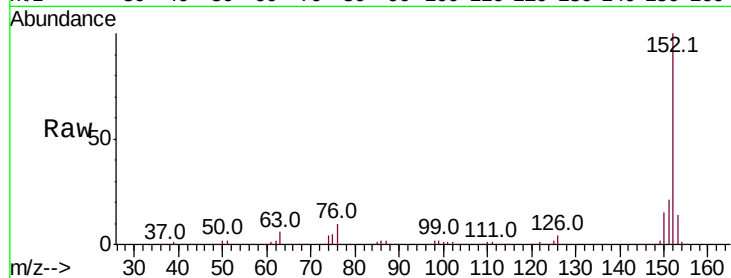
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1948697

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	14.2	10.4	15.6

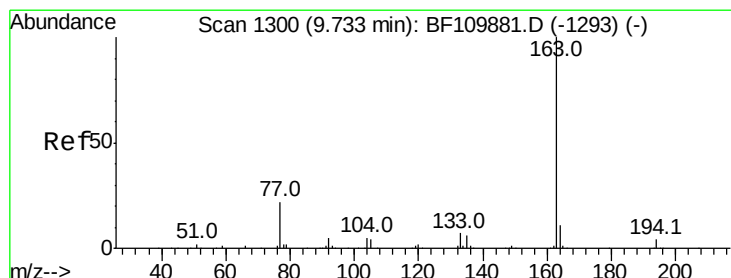
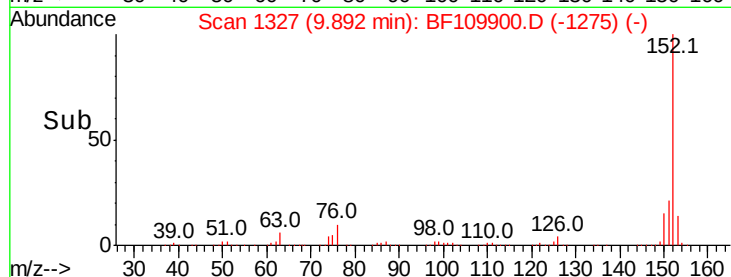
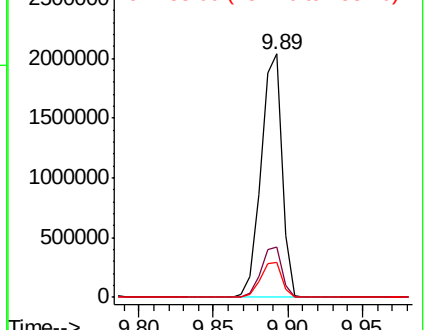


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.941 ng

RT: 9.74 min Scan# 1301

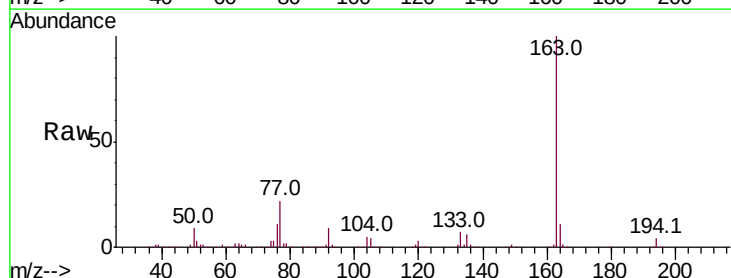
Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion:163 Resp: 1495294

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.5	8.1	12.1

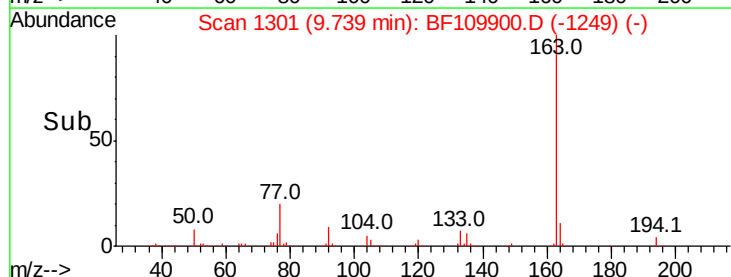
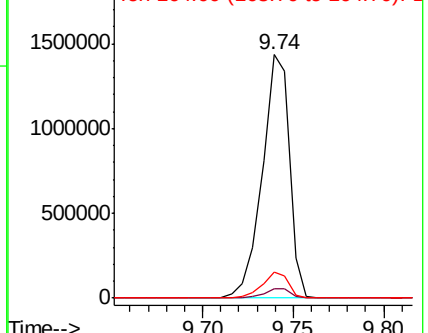


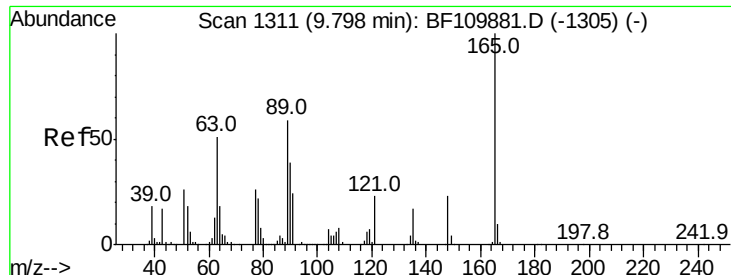
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

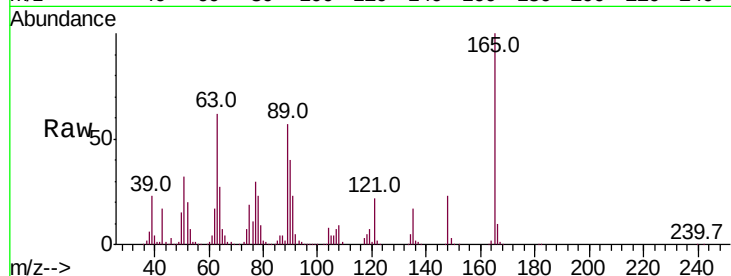




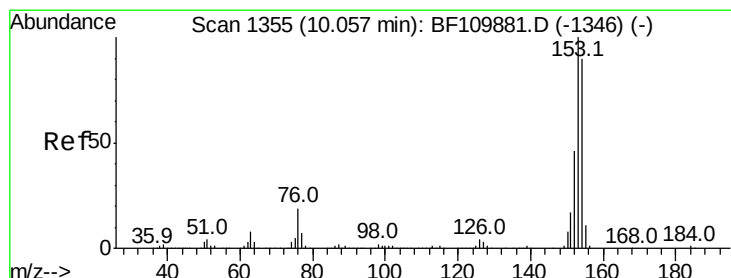
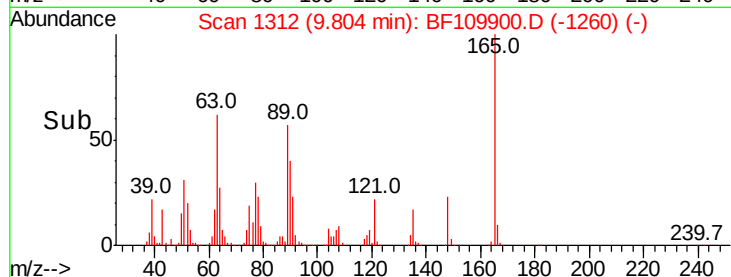
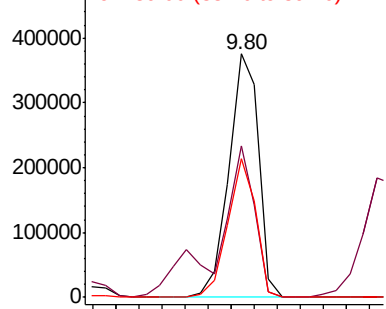
#51
2,6-Dinitrotoluene
Concen: 47.409 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 337108
Ion Ratio Lower Upper
165 100
63 62.0 48.9 73.3
89 56.8 46.6 69.8

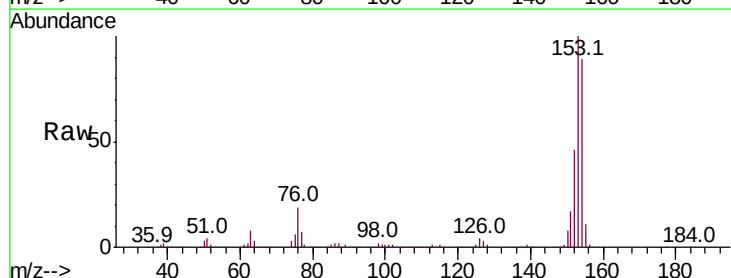


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

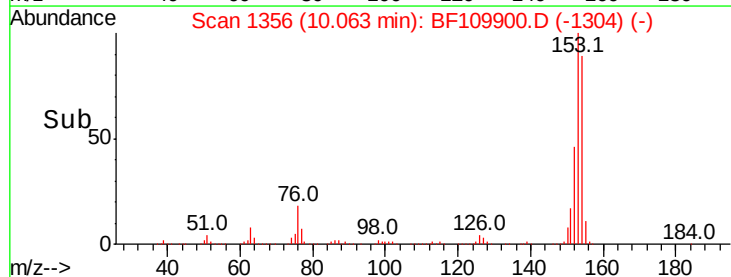
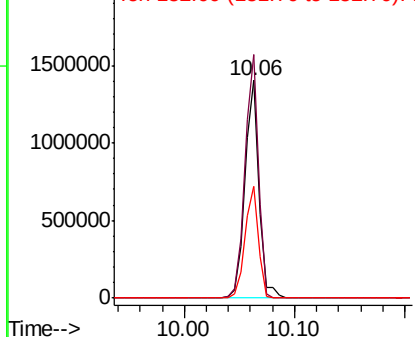


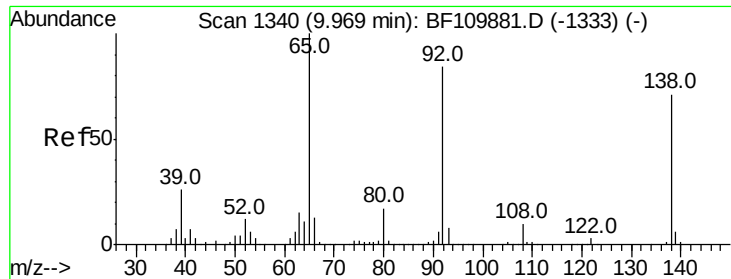
#52
Acenaphthene
Concen: 38.982 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:154 Resp: 1250995
Ion Ratio Lower Upper
154 100
153 111.7 90.1 135.1
152 51.3 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

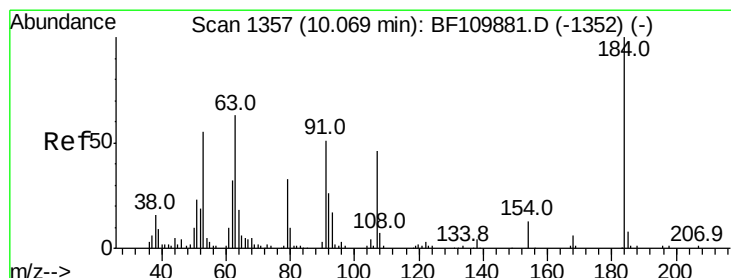
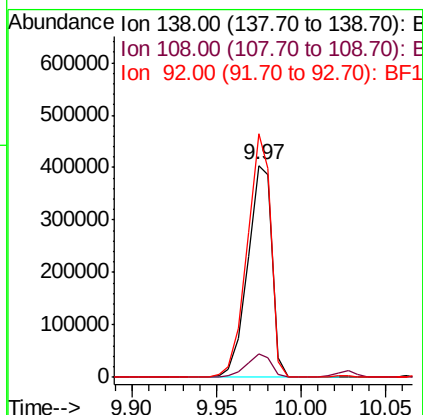
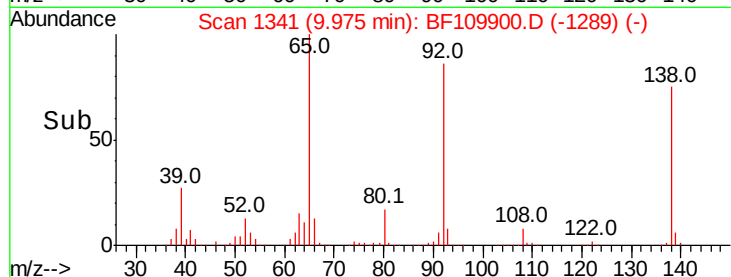
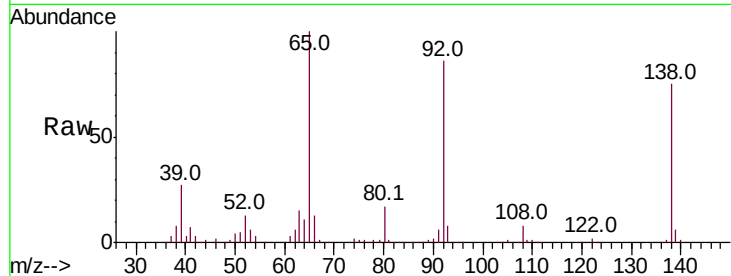




#53
3-Nitroaniline
Concen: 47.043 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

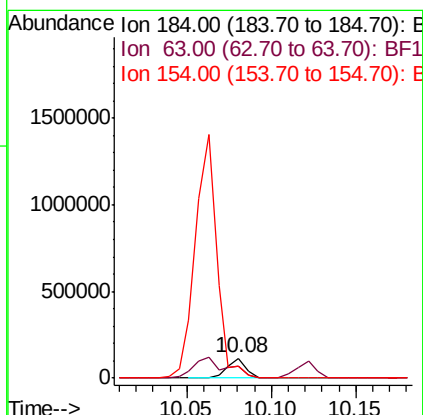
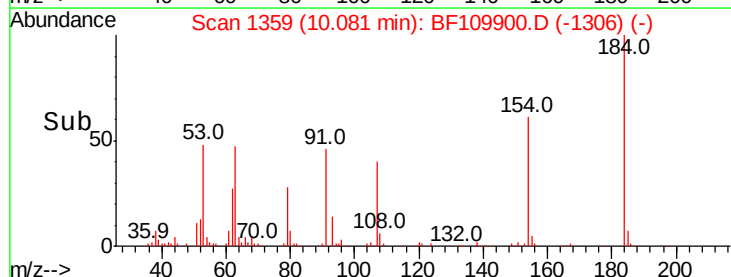
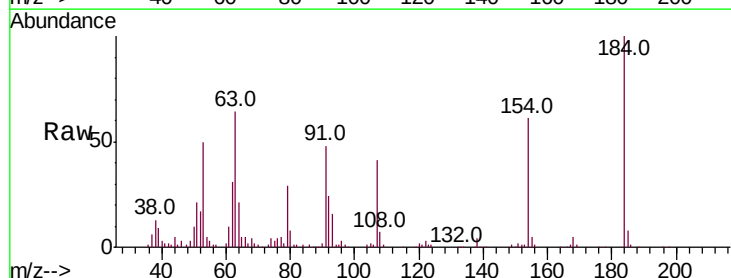
Instrument :
BNA_F
ClientSampleId :

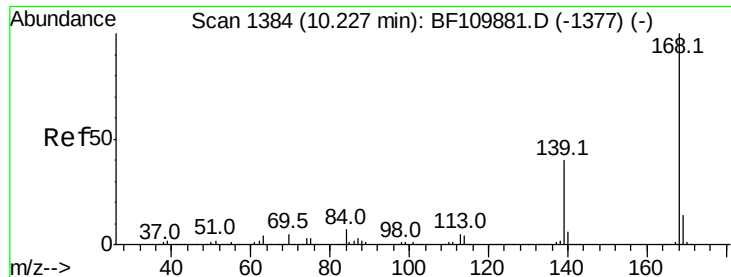
Tot Ion:138 Resp: 406906
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 115.0 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 42.421 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:184 Resp: 85424
Ion Ratio Lower Upper
184 100
63 63.8 55.8 83.6
154 61.0 63.2 94.8#





#55

Dibenzenofuran

Concen: 38.505 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampled :

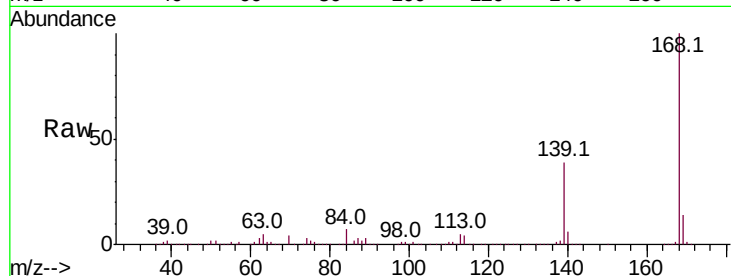
Tot Ion:168 Resp: 1762288

Ion Ratio Lower Upper

168 100

139 39.5 33.0 49.6

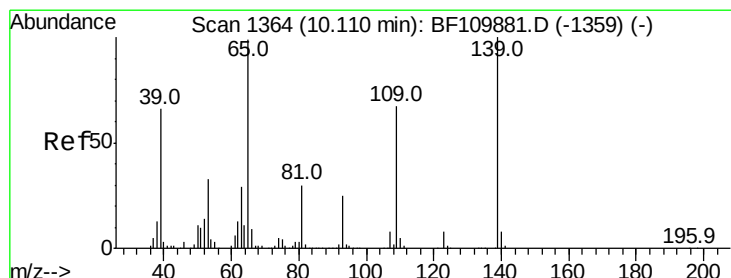
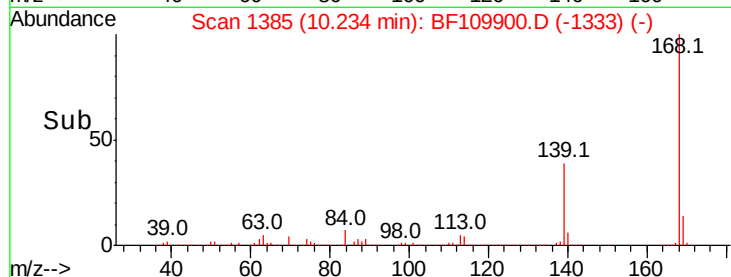
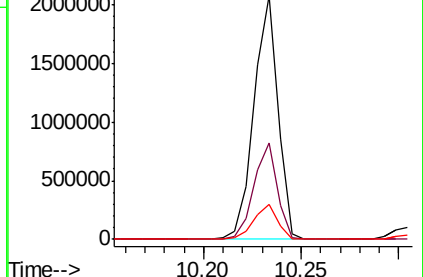
169 14.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 45.224 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

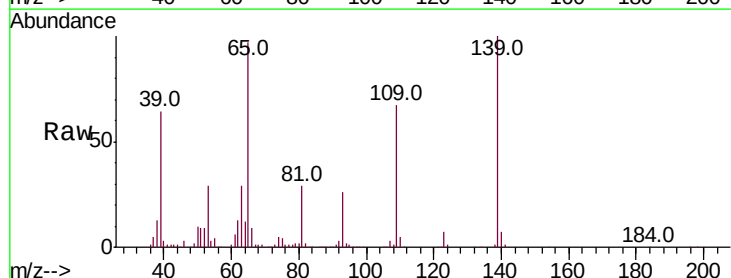
Tgt Ion:139 Resp: 298476

Ion Ratio Lower Upper

139 100

109 66.7 55.8 95.8

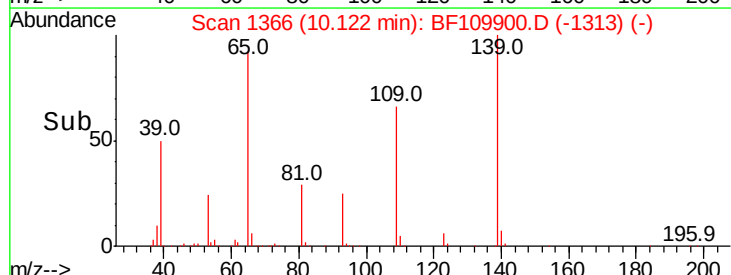
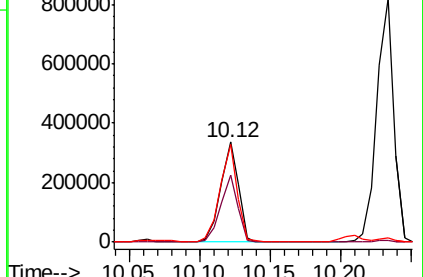
65 97.4 77.9 117.9

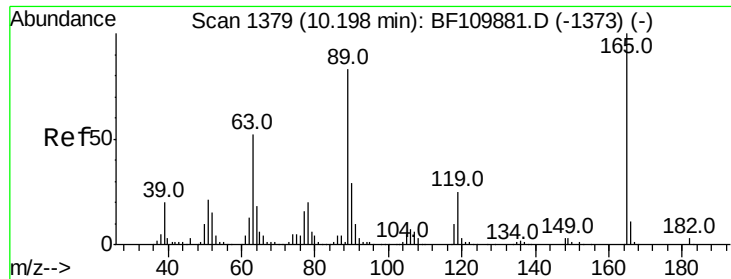


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

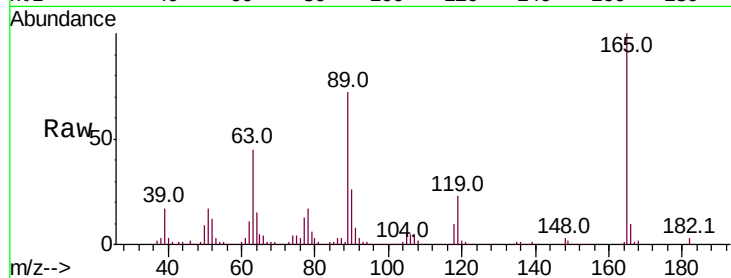




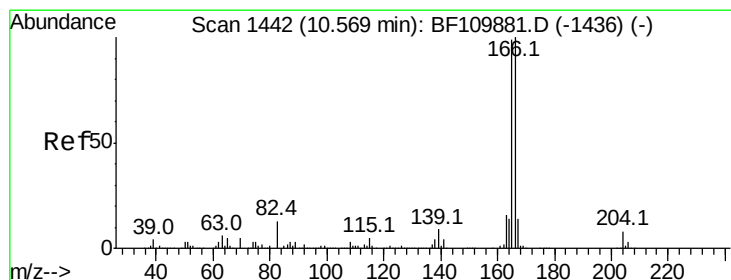
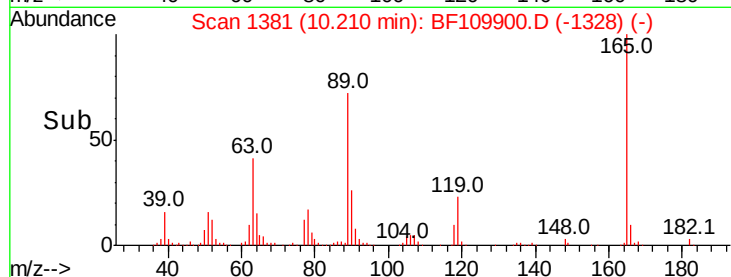
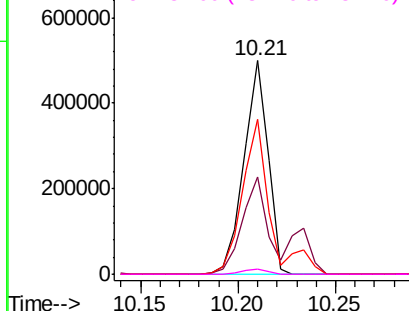
#57
2,4-Dinitrotoluene
Concen: 47.497 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 426151
Ion Ratio Lower Upper
165 100
63 45.3 44.8 67.2
89 72.3 62.2 93.4
182 2.5 2.1 3.1

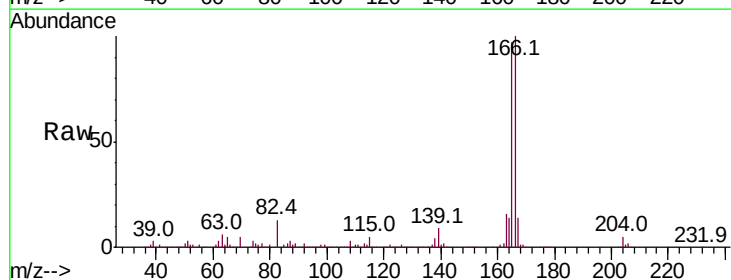


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

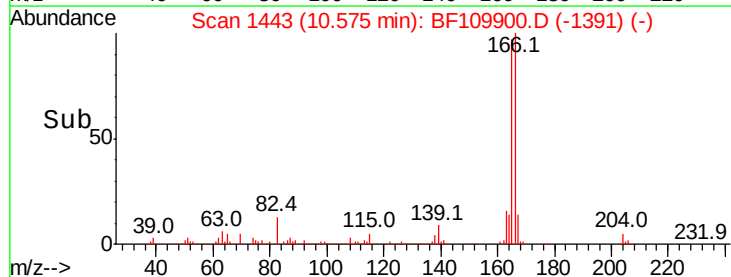
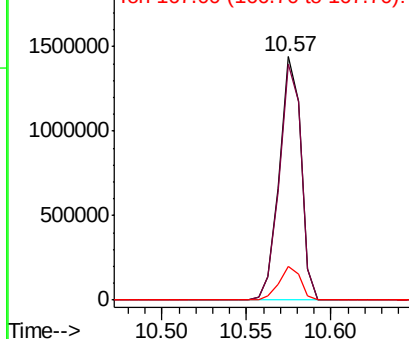


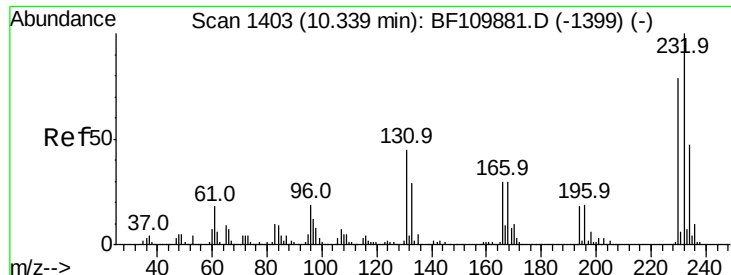
#58
Fluorene
Concen: 38.431 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:166 Resp: 1280383
Ion Ratio Lower Upper
166 100
165 96.7 78.6 117.8
167 14.0 10.8 16.2



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

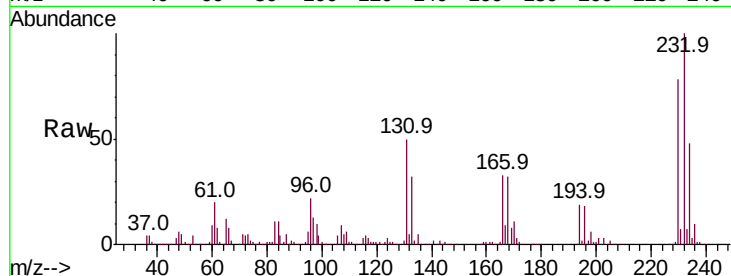




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.683 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.0	55.4
130	2.3	1.8	2.6
166	31.5	22.0	33.0



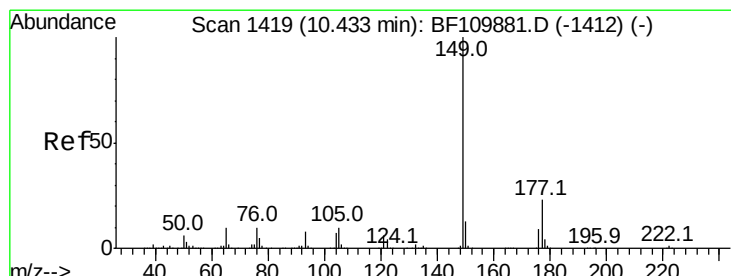
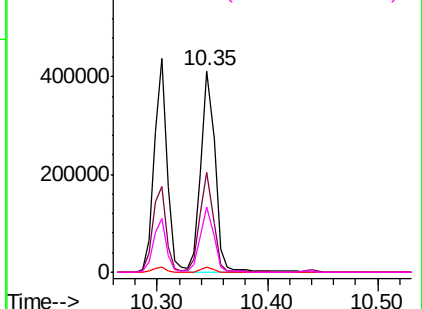
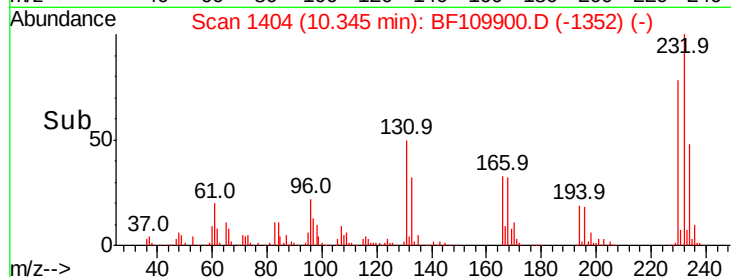
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

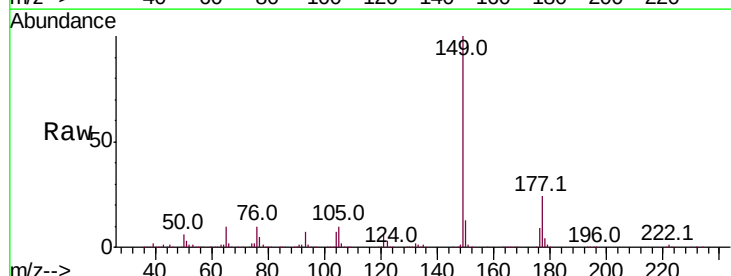
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.958 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.4	26.2
150	13.0	9.8	14.8

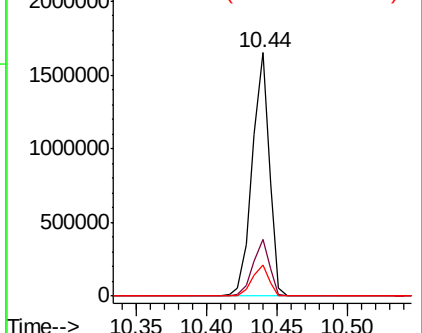
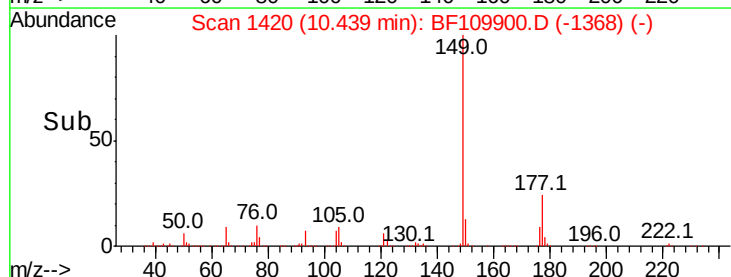


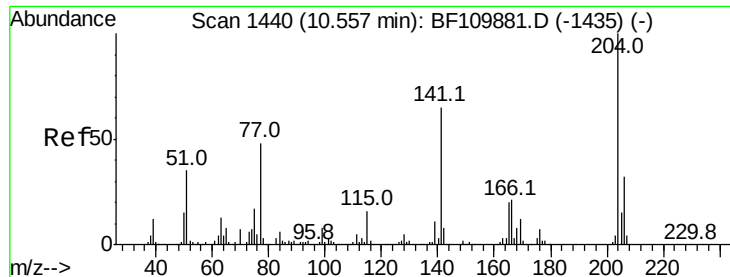
Abundance

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

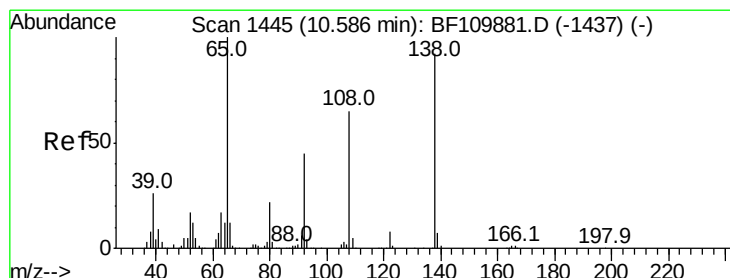
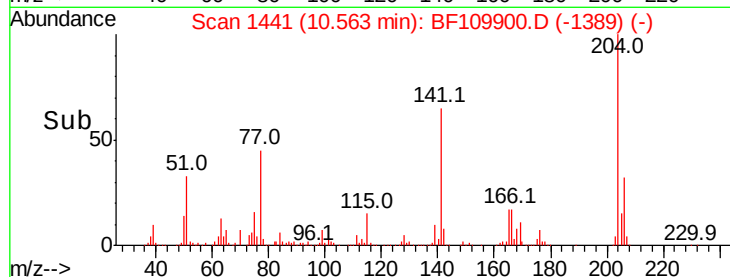
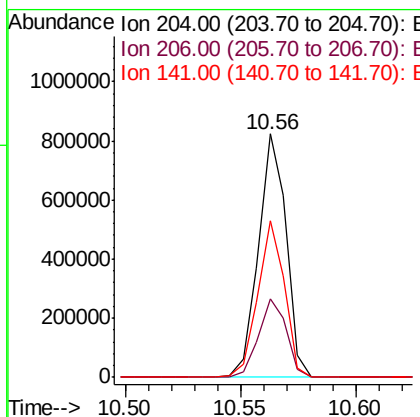
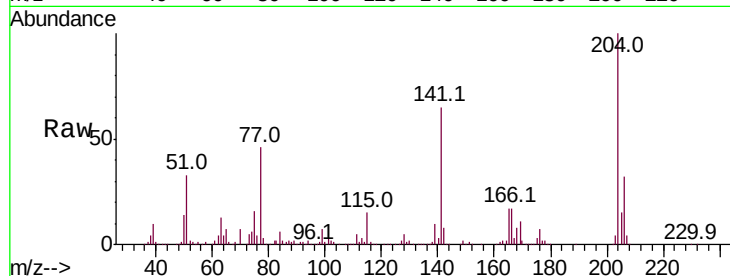




#61
4-Chlorophenyl-phenylether
Concen: 39.655 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

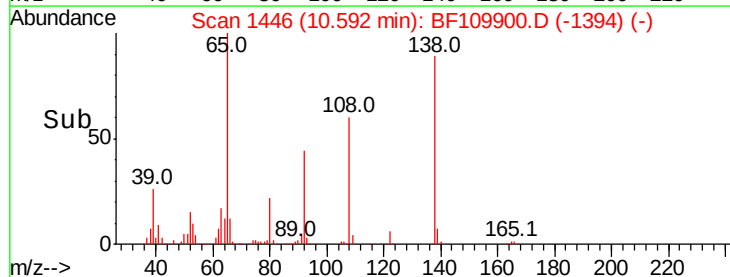
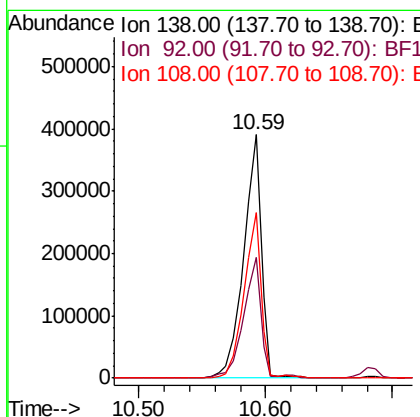
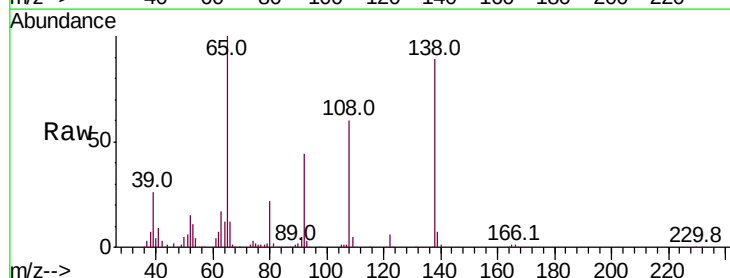
Instrument :
BNA_F
ClientSampled :

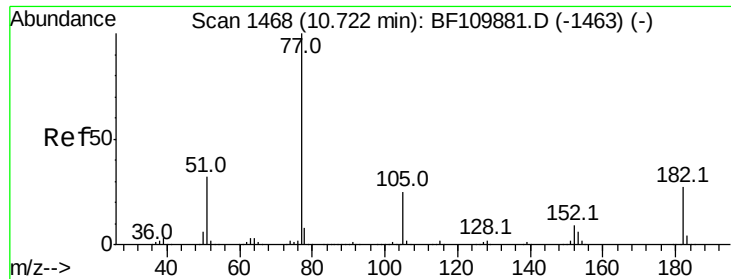
Tot Ion:204 Resp: 688208
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 64.5 51.8 77.8



#62
4-Nitroaniline
Concen: 45.979 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:138 Resp: 376470
Ion Ratio Lower Upper
138 100
92 49.5 31.7 71.7
108 68.2 59.3 99.3

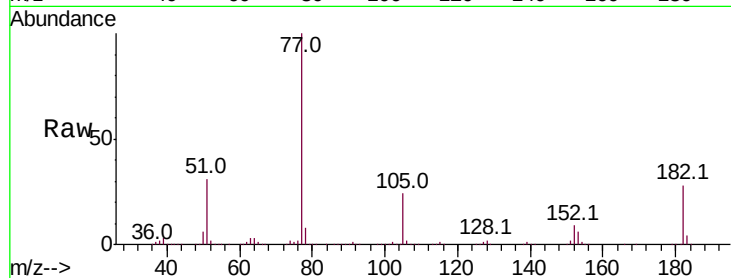




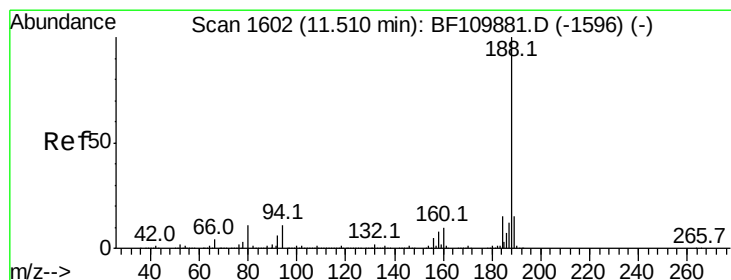
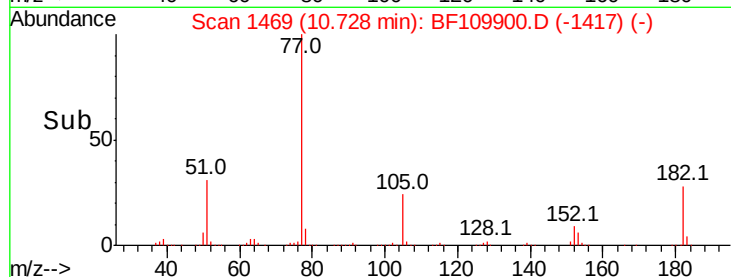
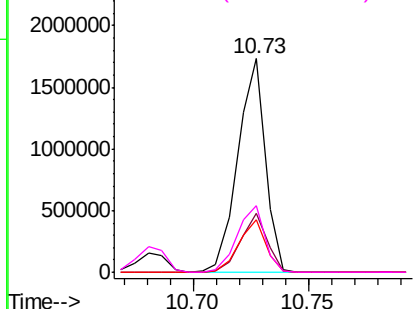
#63
Azobenzene
Concen: 37.268 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1439626
Ion Ratio Lower Upper
77 100
182 27.7 4.3 44.3
105 24.4 1.3 41.3
51 30.9 9.0 49.0

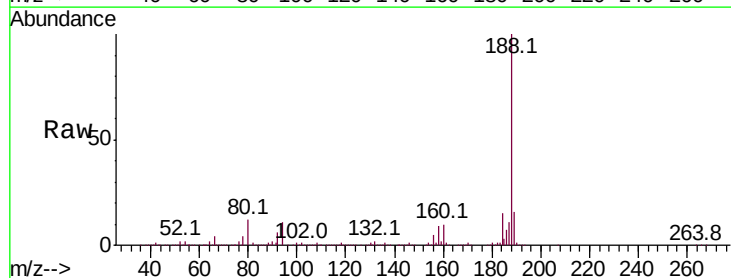


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

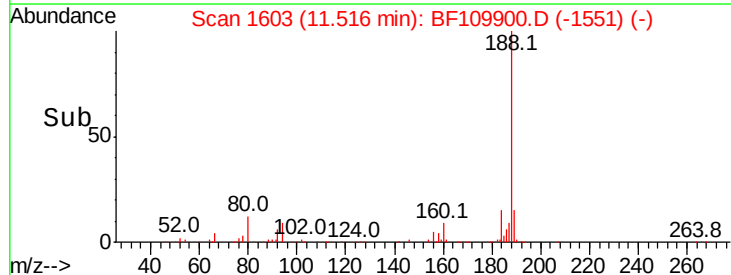
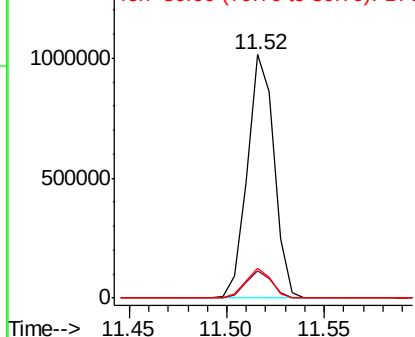


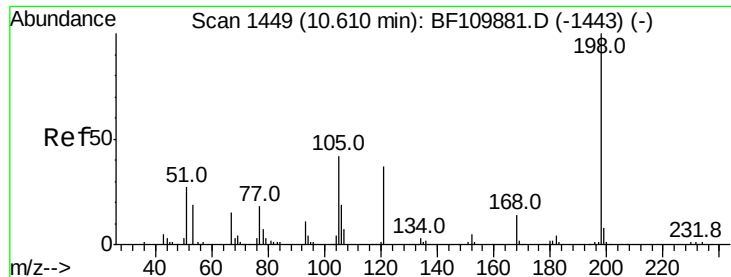
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion: 188 Resp: 964287
Ion Ratio Lower Upper
188 100
94 11.4 7.2 10.8#
80 12.2 7.9 11.9#



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

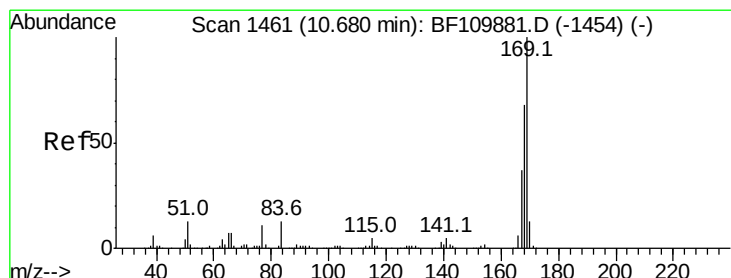
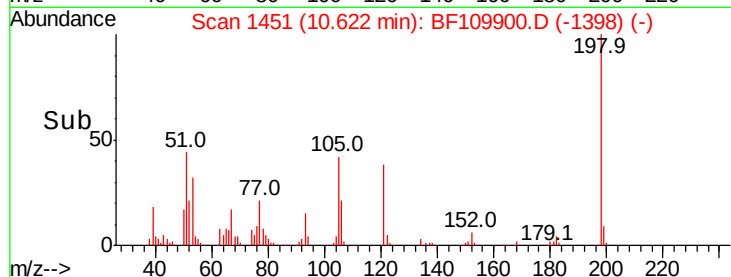
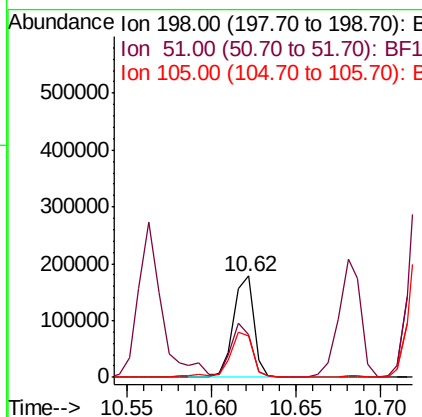
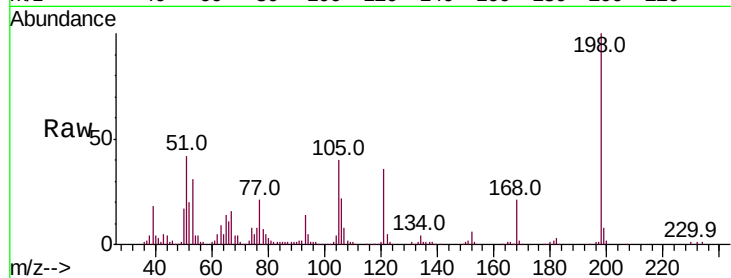




#65
4,6-Dinitro-2-methylphenol
Concen: 43.670 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

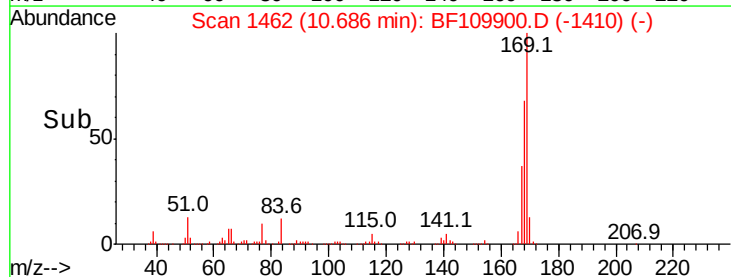
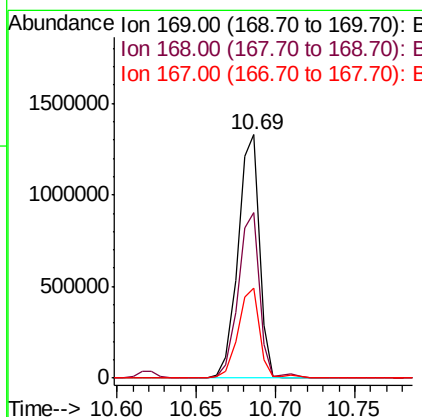
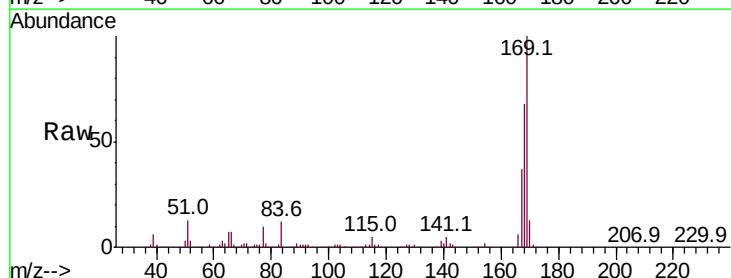
Instrument :
BNA_F
ClientSampleId :

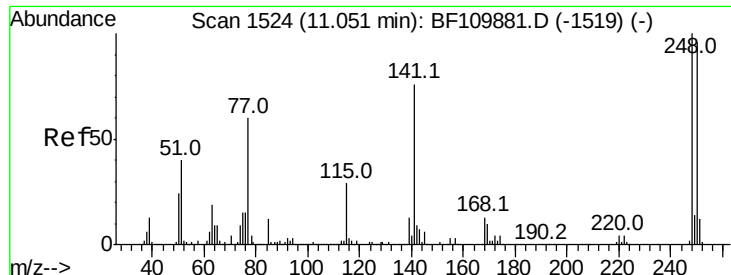
Tot Ion:198 Resp: 149573
Ion Ratio Lower Upper
198 100
51 41.9 22.8 62.8
105 40.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 38.568 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:169 Resp: 1238677
Ion Ratio Lower Upper
169 100
168 68.2 51.2 76.8
167 37.0 27.8 41.6

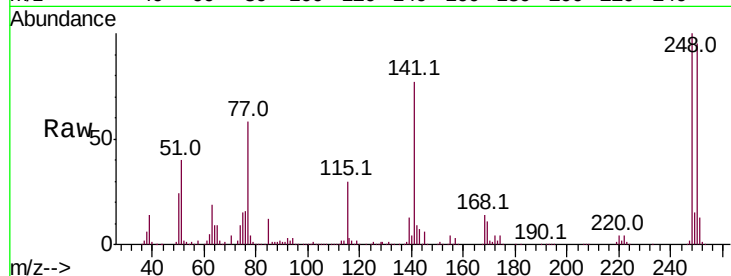




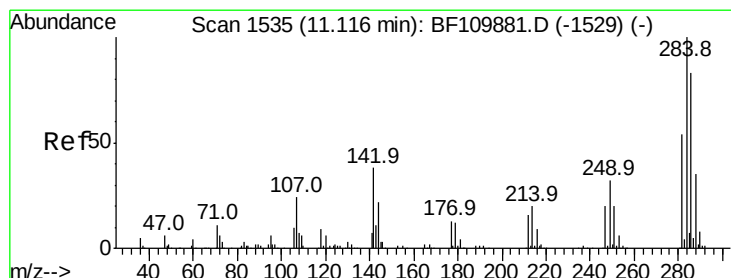
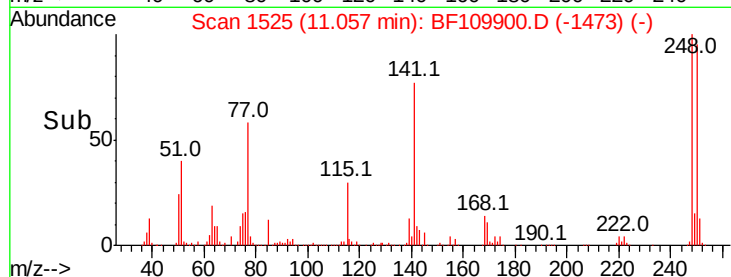
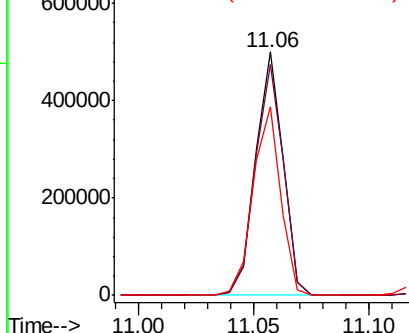
#67
4-Bromophenyl-phenylether
Concen: 39.578 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 413608
Ion Ratio Lower Upper
248 100
250 94.6 79.4 119.2
141 77.3 55.9 83.9

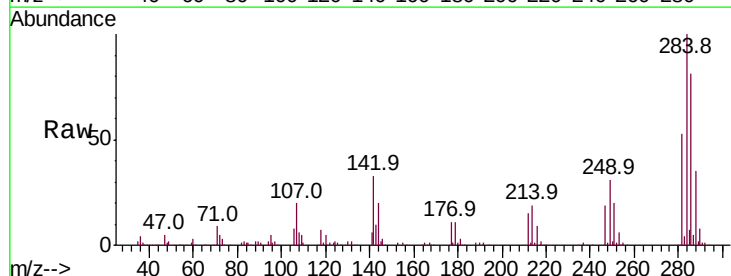


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

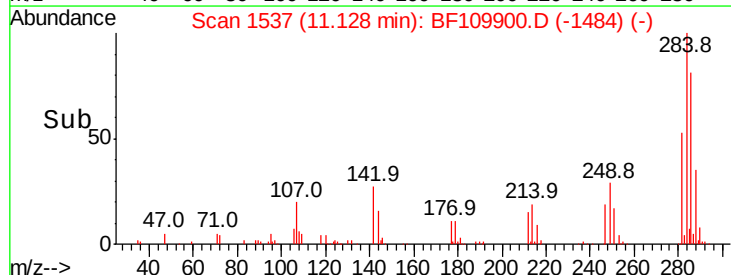
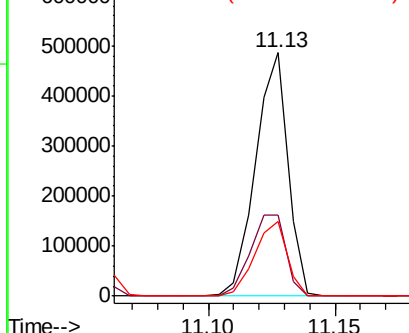


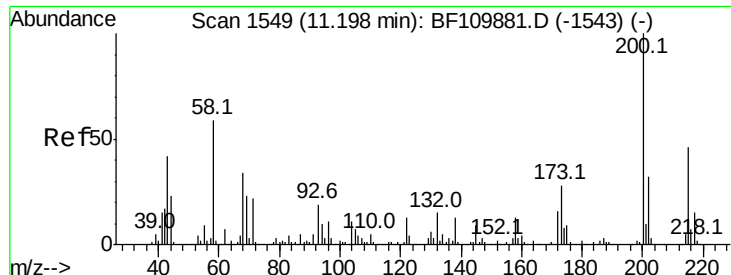
#68
Hexachlorobenzene
Concen: 38.919 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:284 Resp: 433718
Ion Ratio Lower Upper
284 100
142 33.2 23.9 35.9
249 30.7 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

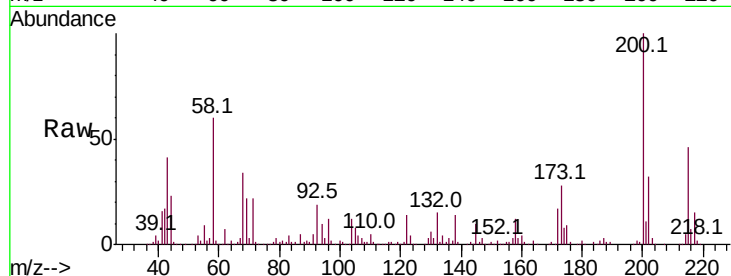




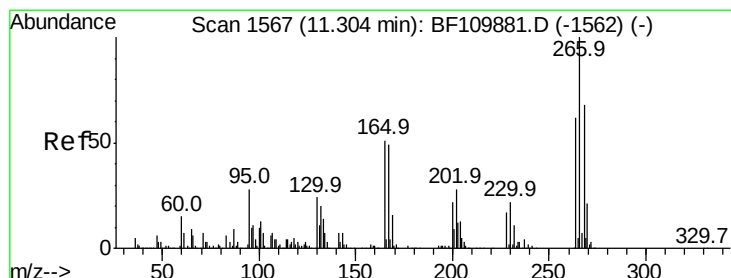
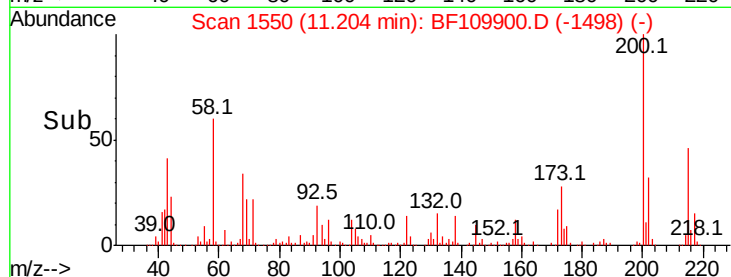
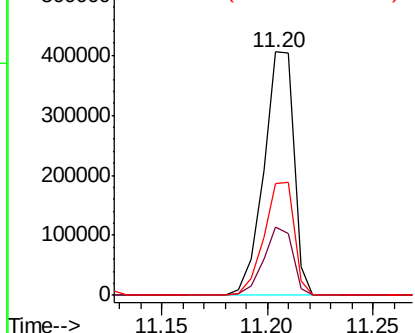
#69
Atrazine
Concen: 39.946 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.6	46.6
215	45.9	26.3	66.3

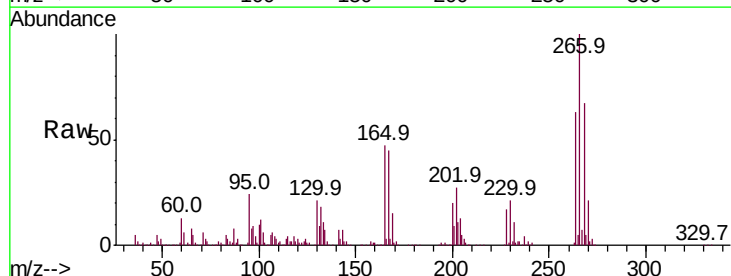


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

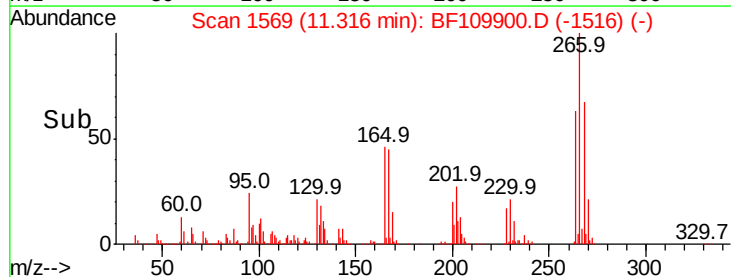
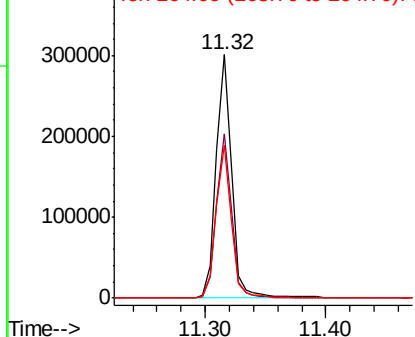


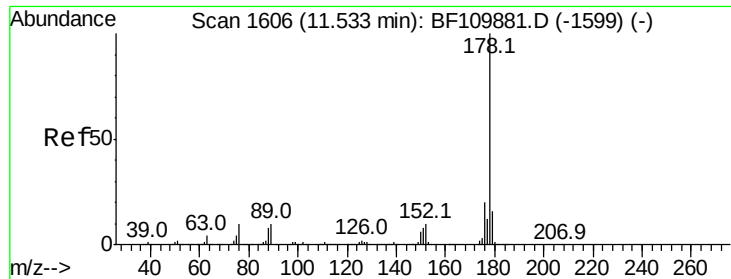
#70
Pentachlorophenol
Concen: 41.717 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	50.6	75.8
264	62.6	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

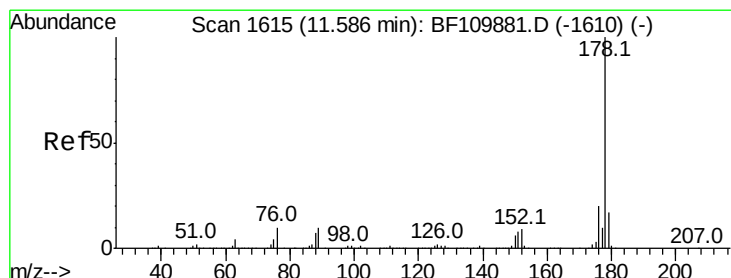
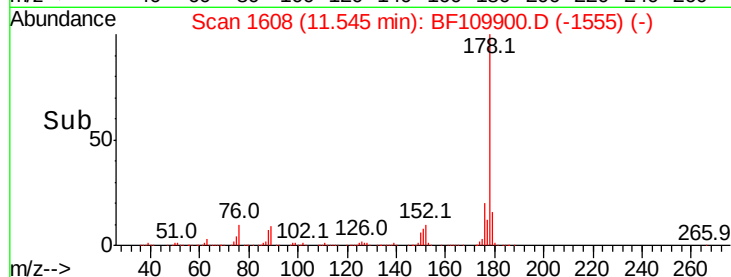
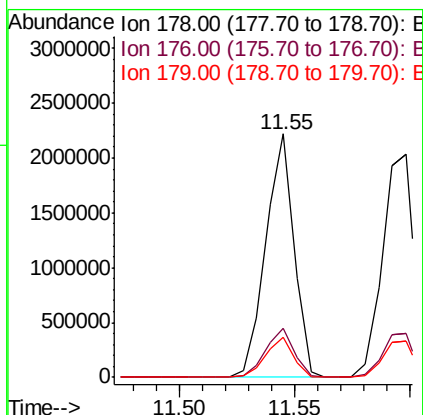
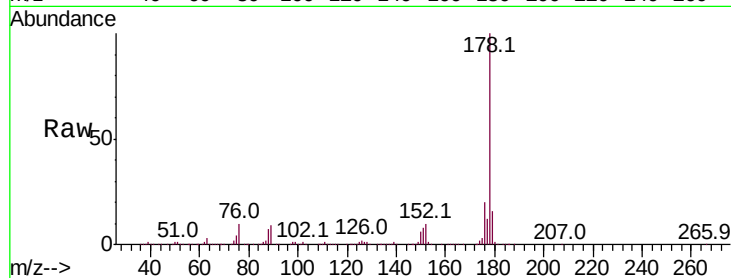




#71
Phenanthrene
Concen: 37.987 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

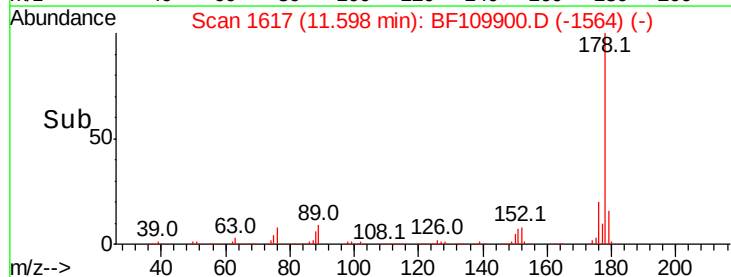
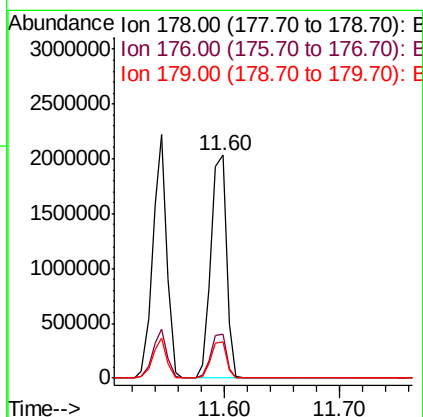
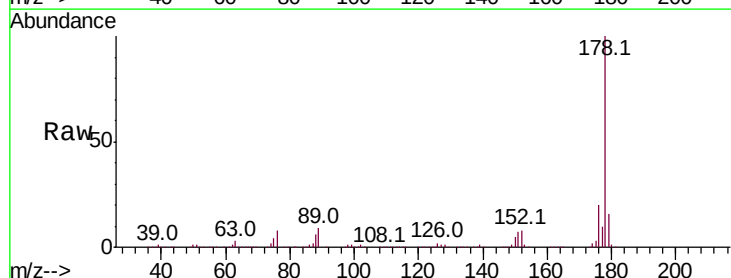
Instrument :
BNA_F
ClientSampled :

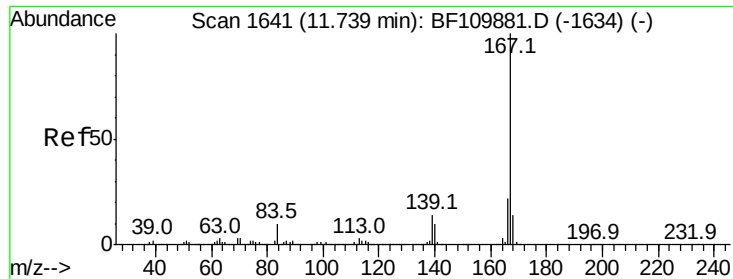
Tot Ion:178 Resp: 1896402
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.2 12.5 18.7



#72
Anthracene
Concen: 38.321 ng
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:178 Resp: 1923332
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.4 12.6 18.8

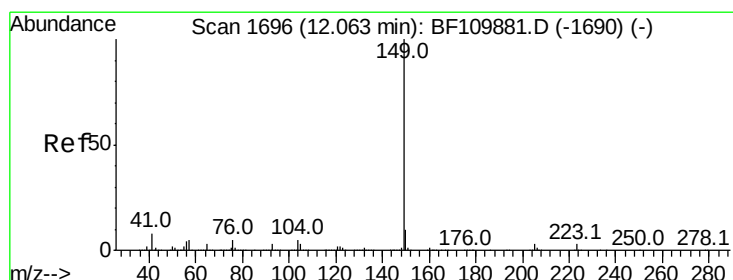
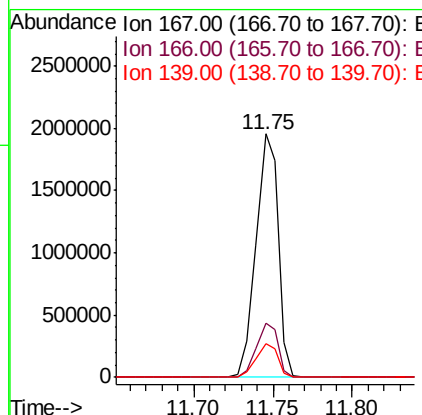
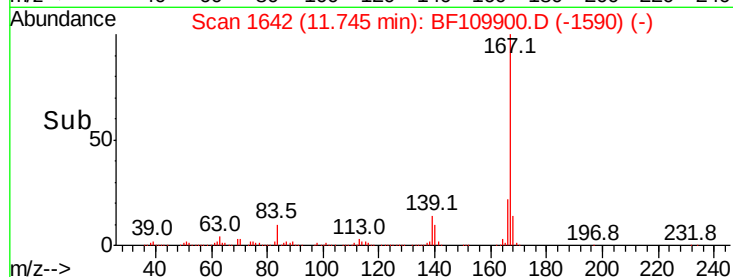
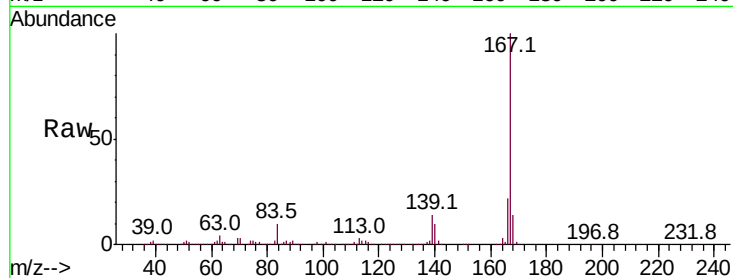




#73
 Carbazole
 Concen: 38.534 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

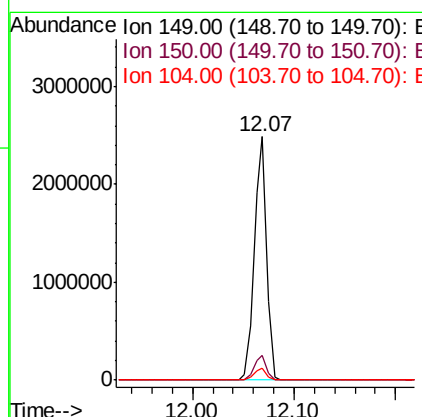
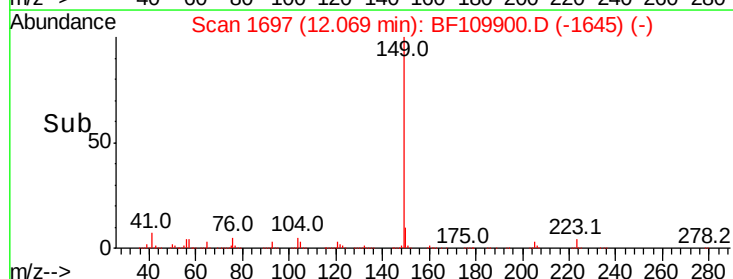
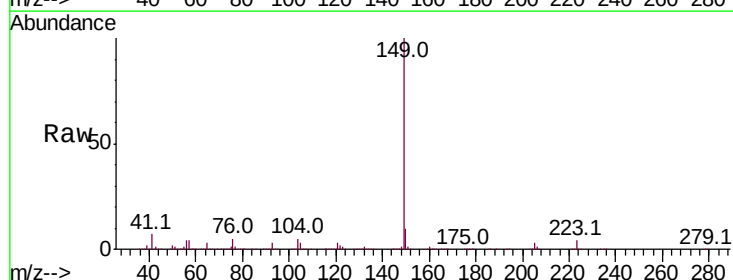
Instrument :
 BNA_F
 ClientSampleId :

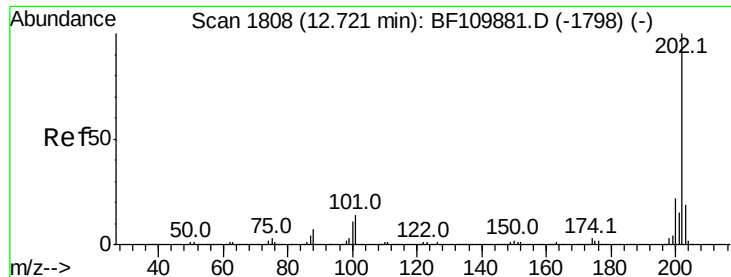
Tot Ion:167 Resp: 1900728
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.495 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion:149 Resp: 2064055
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.0 4.2 6.4

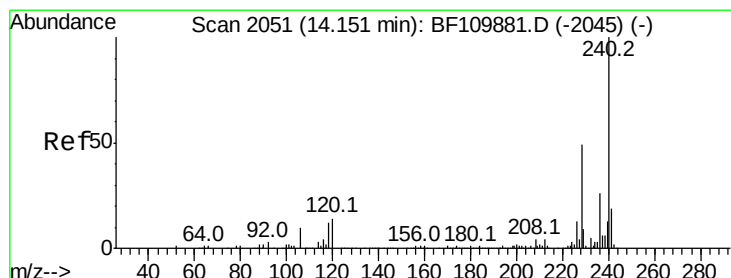
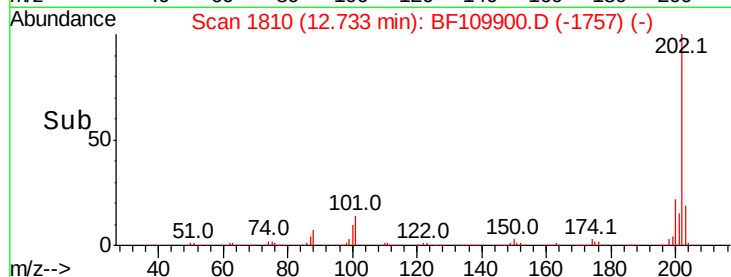
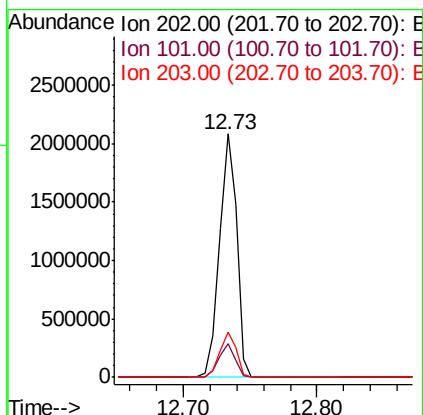
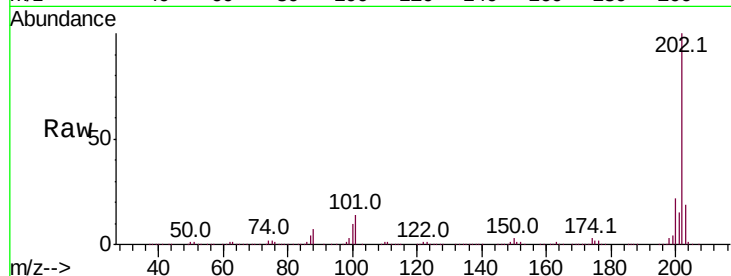




#75
Fluoranthene
Concen: 38.310 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

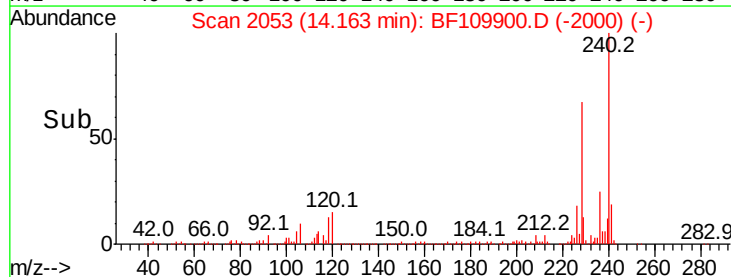
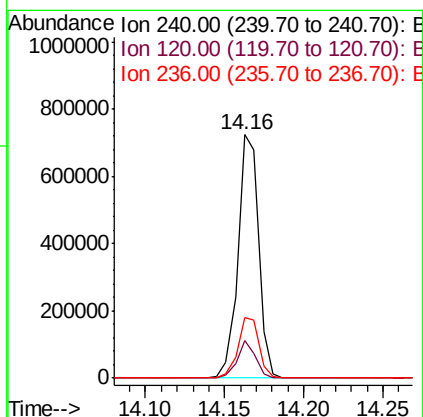
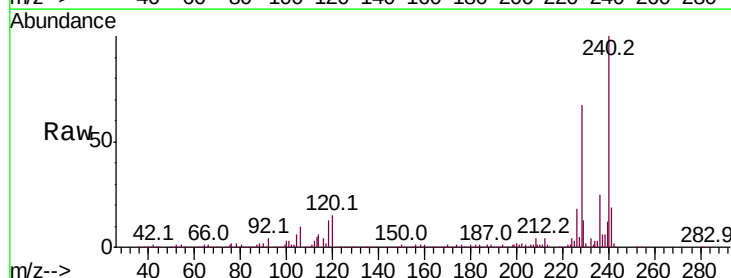
Instrument :
BNA_F
ClientSampled :

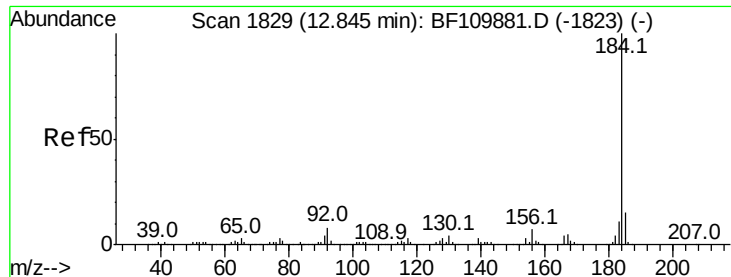
Tot Ion:202 Resp: 1910561
Ion Ratio Lower Upper
202 100
101 13.8 0.0 31.4
203 18.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:240 Resp: 652900
Ion Ratio Lower Upper
240 100
120 15.3 8.3 12.5#
236 25.1 21.2 31.8





#77

Benzidine

Concen: 38.828 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

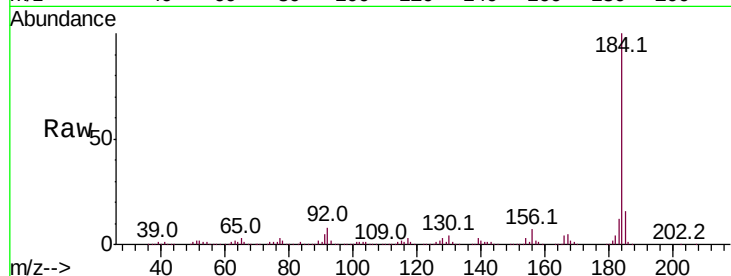
Tot Ion:184 Resp: 971979

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.2
183	11.9	9.4	14.2

184 100

185 15.8 13.4 20.2

183 11.9 9.4 14.2

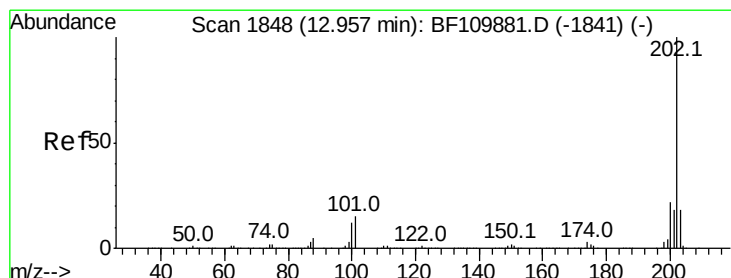
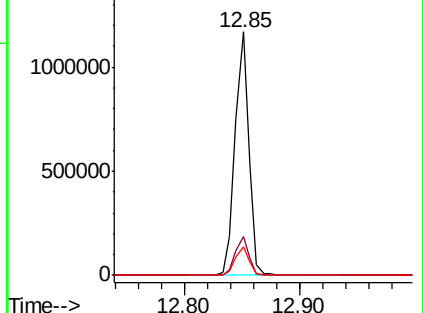
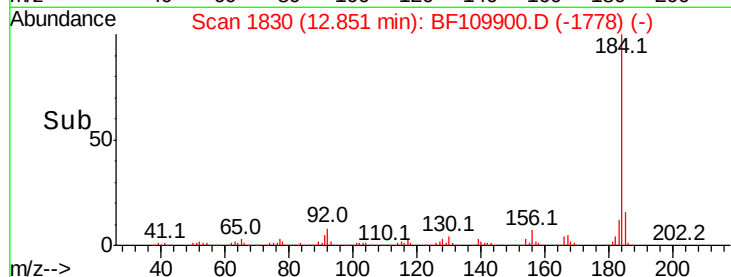


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.469 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

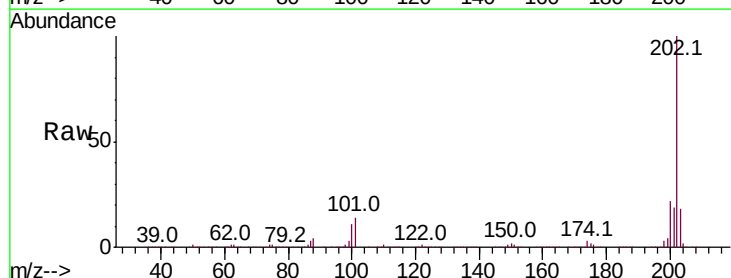
Tgt Ion:202 Resp: 1940612

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.2	14.2	21.4

202 100

200 22.2 17.8 26.6

203 18.2 14.2 21.4

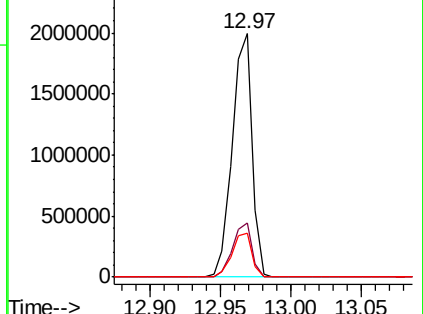
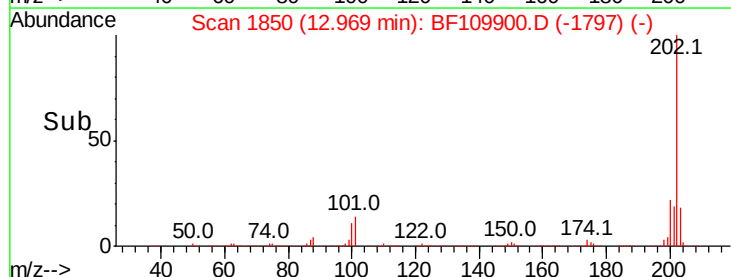


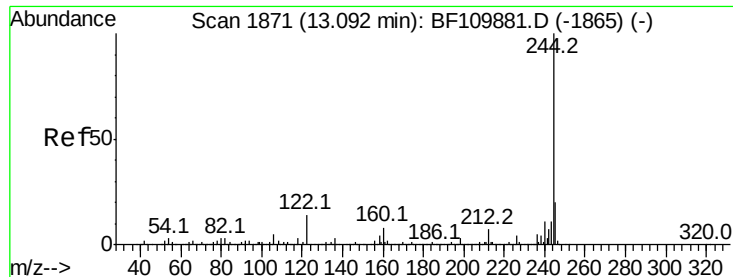
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.671 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

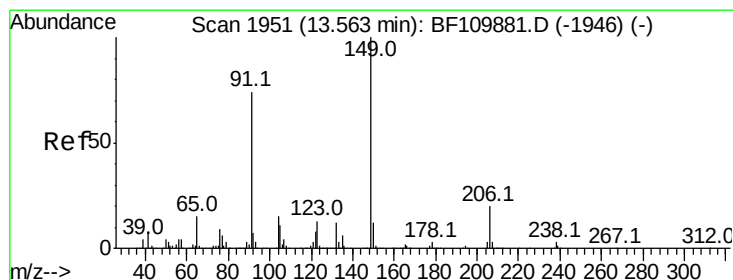
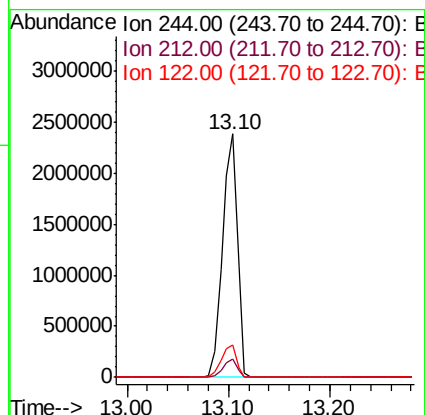
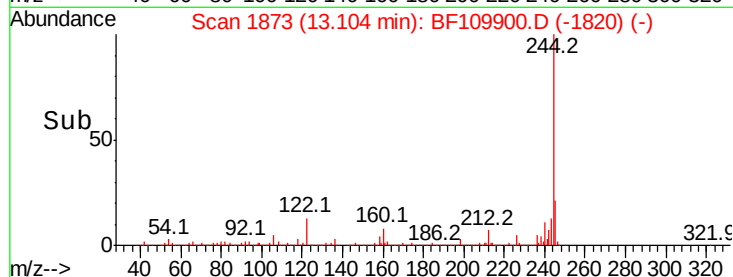
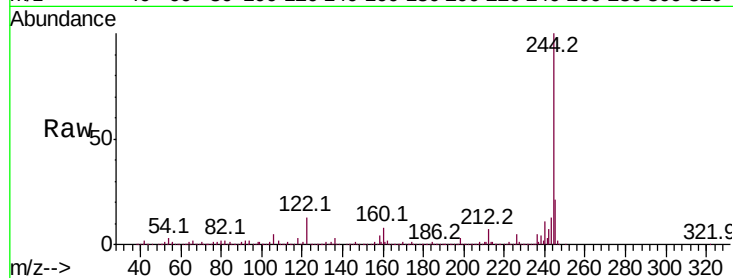
Tot Ion:244 Resp: 2414926

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 13.1 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 42.783 ng

RT: 13.57 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

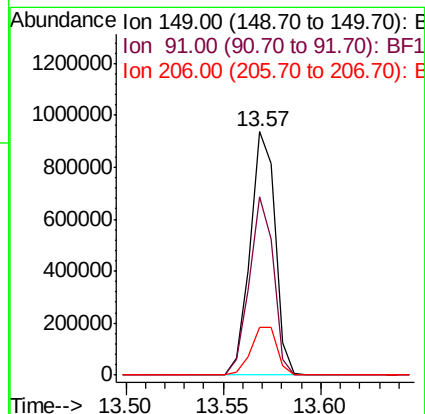
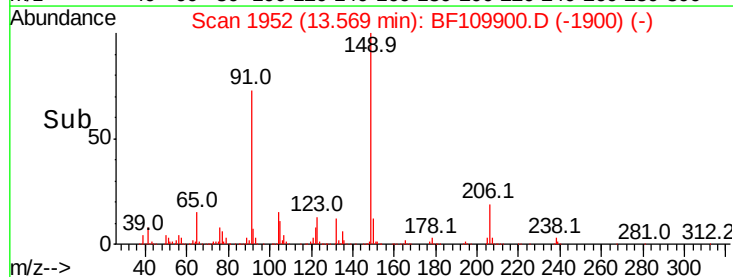
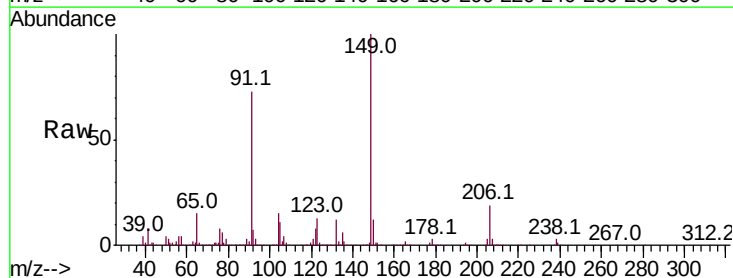
Tgt Ion:149 Resp: 829431

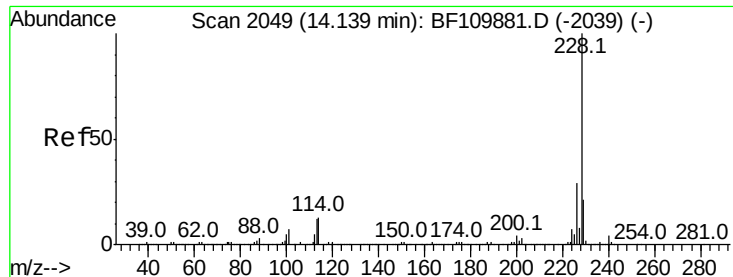
Ion Ratio Lower Upper

149 100

91 73.4 57.2 85.8

206 19.4 15.7 23.5

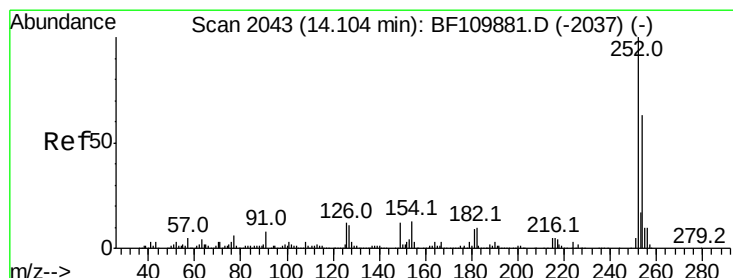
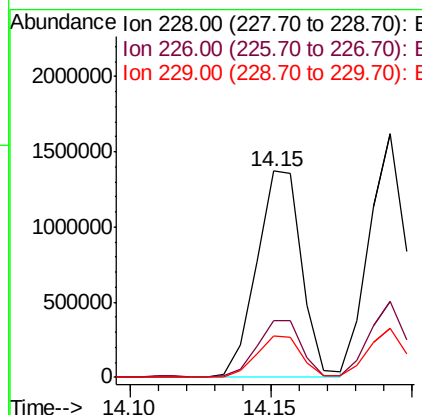
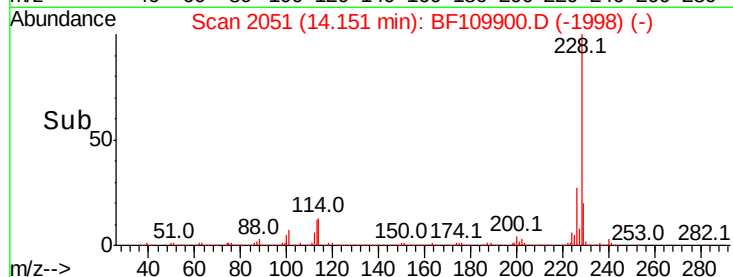
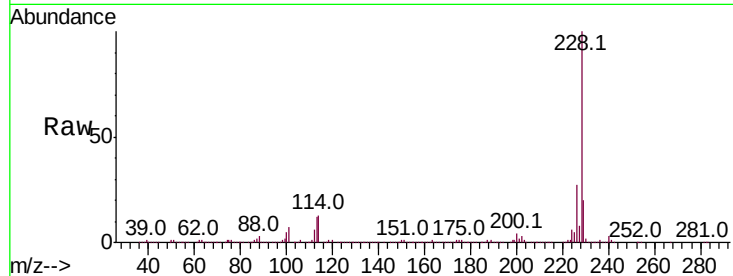




#81
Benzo(a)anthracene
Concen: 39.478 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

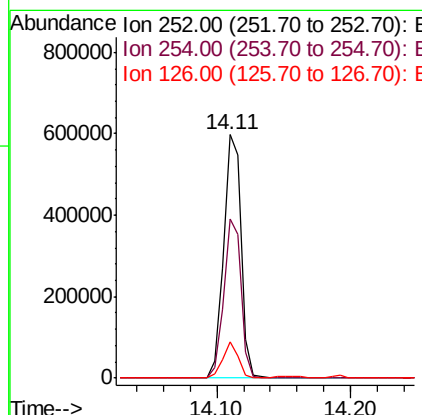
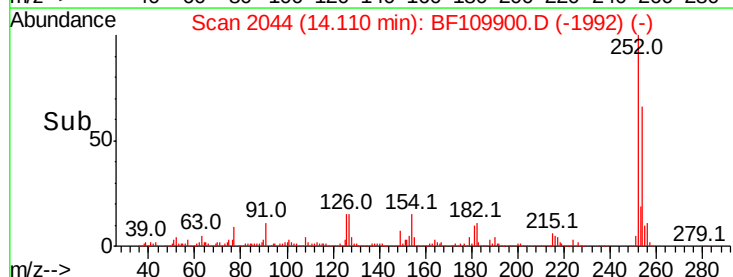
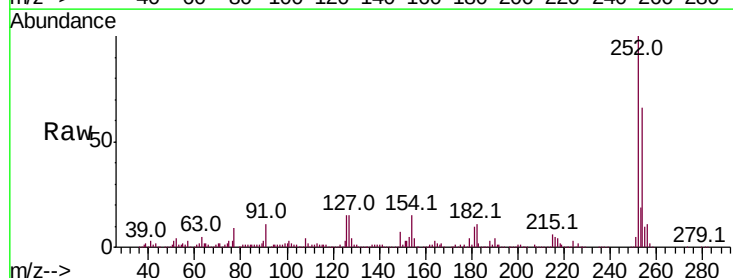
Instrument :
BNA_F
ClientSampleId :

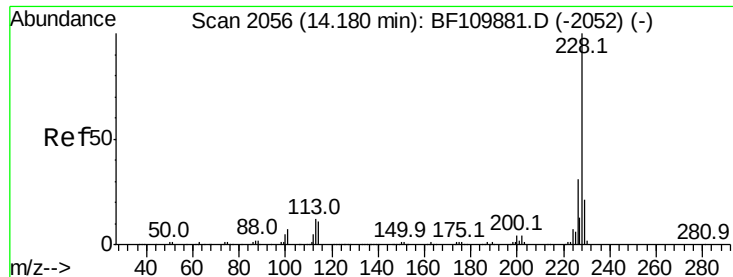
Tot Ion:228 Resp: 1518217
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 41.164 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:252 Resp: 554986
Ion Ratio Lower Upper
252 100
254 65.6 51.3 76.9
126 14.6 9.4 14.2#





#83

Chrysene

Concen: 39.096 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

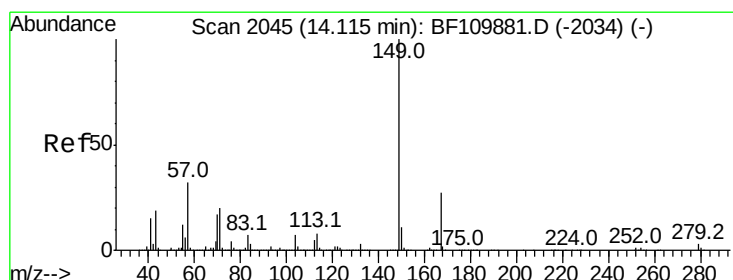
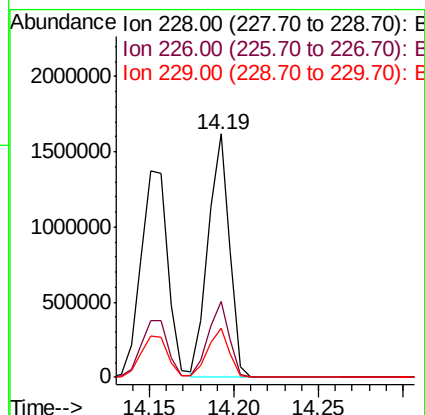
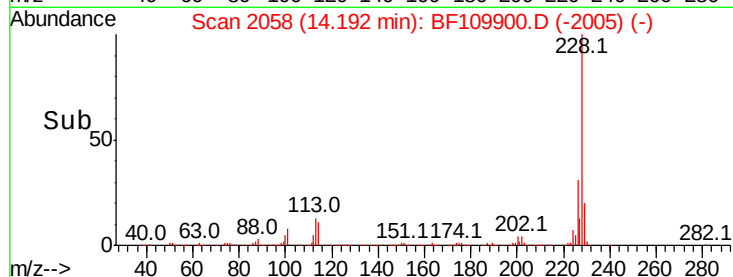
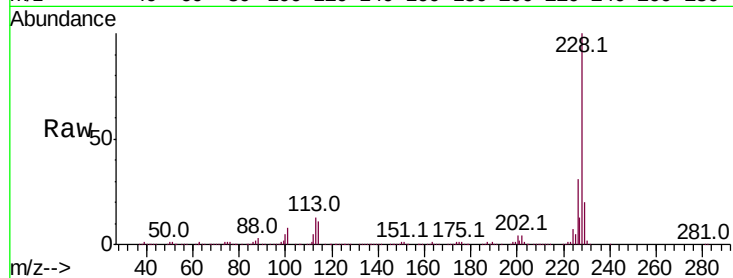
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1431150

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	20.1	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.347 ng

RT: 14.13 min Scan# 2047

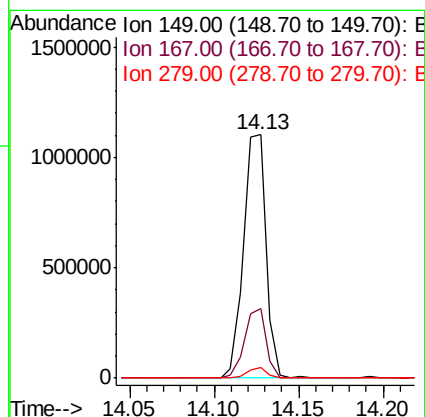
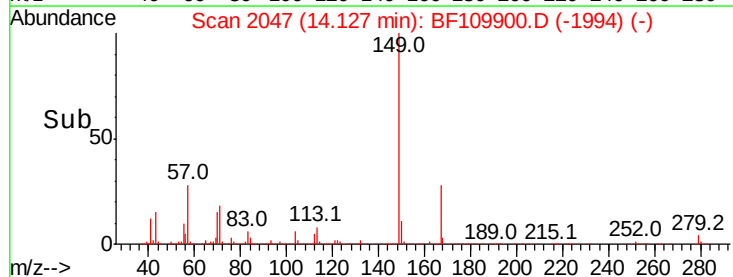
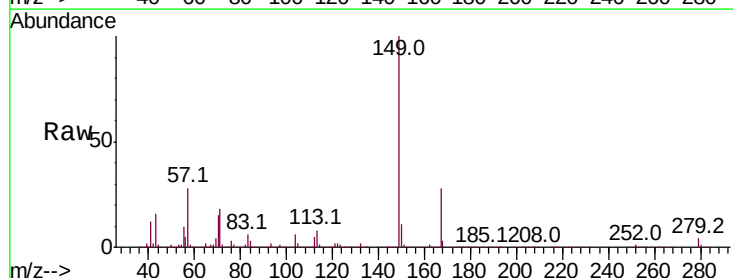
Delta R.T. 0.01 min

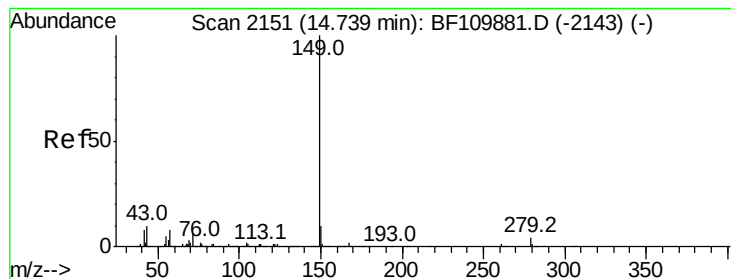
Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion:149 Resp: 1029262

Ion	Ratio	Lower	Upper
149	100		
167	28.4	19.8	29.8
279	4.4	2.7	4.1#





#85

Di-n-octyl phthalate

Concen: 42.446 ng

RT: 14.74 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

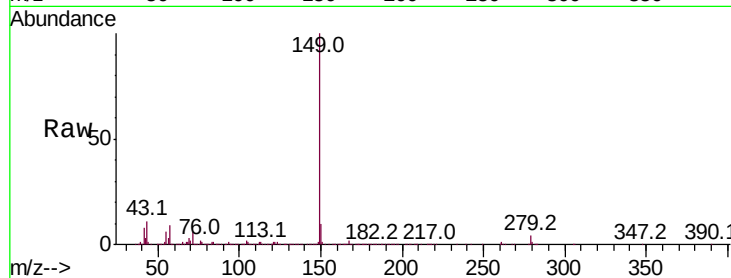
Tot Ion:149 Resp: 1526577

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

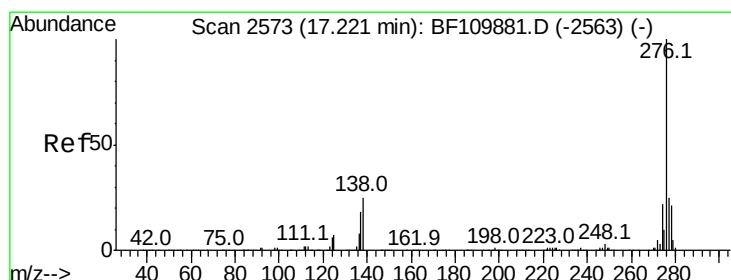
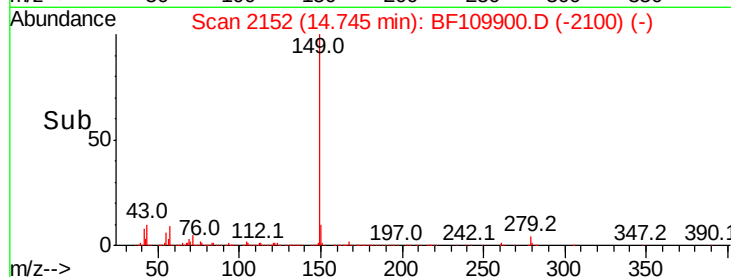
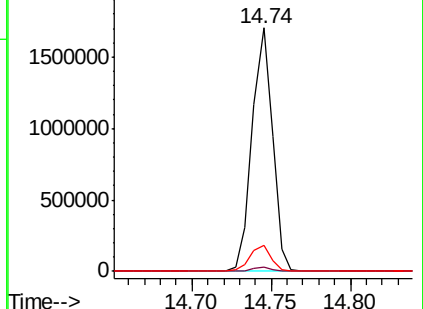
43 10.9 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.322 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.04 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

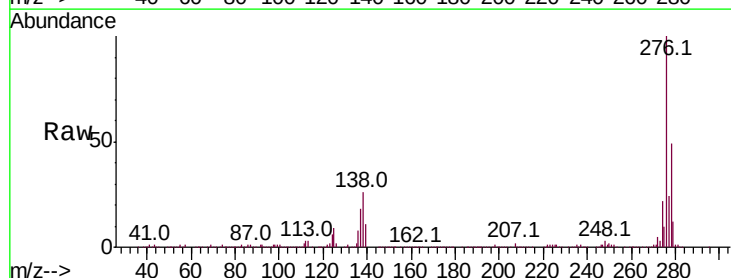
Tgt Ion:276 Resp: 1247358

Ion Ratio Lower Upper

276 100

138 29.6 18.5 27.7#

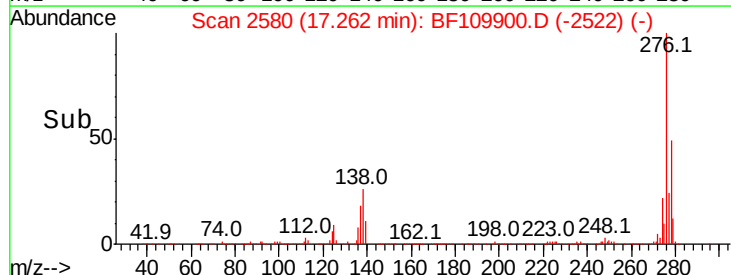
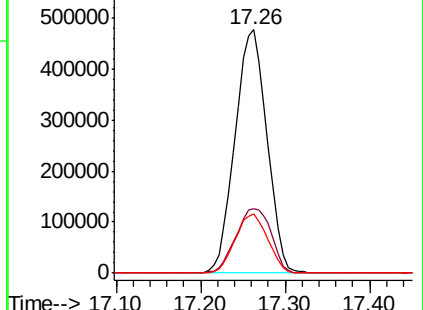
277 25.1 20.0 30.0

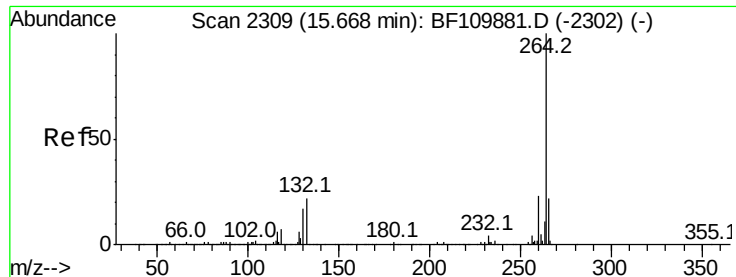


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.02 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

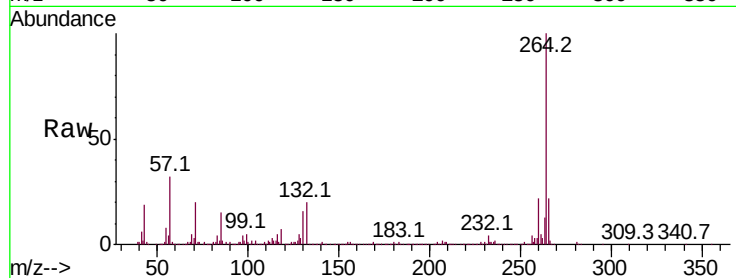
Tot Ion:264 Resp: 504351

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 21.6 16.7 25.1

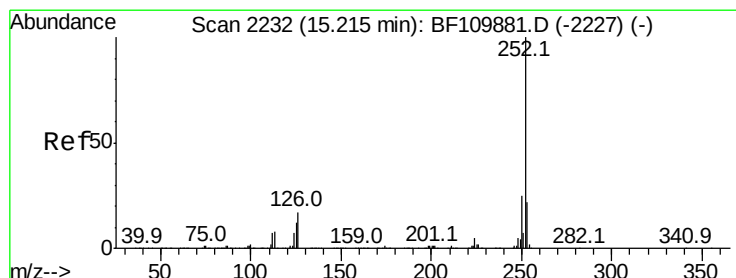
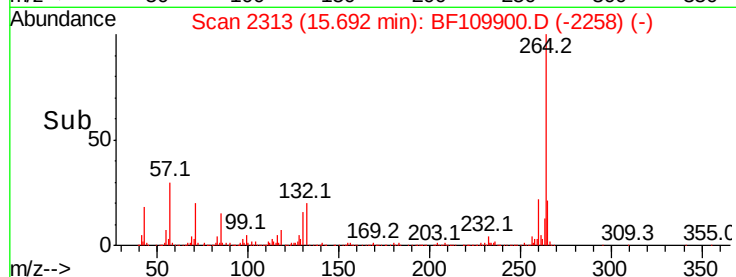
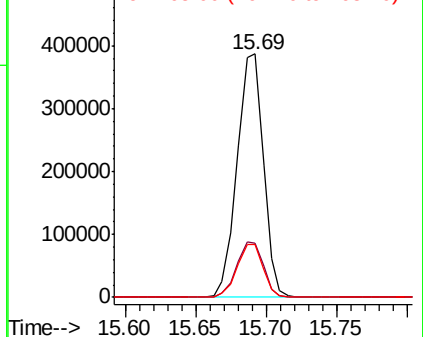


Abundance

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: 37.807 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.05 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

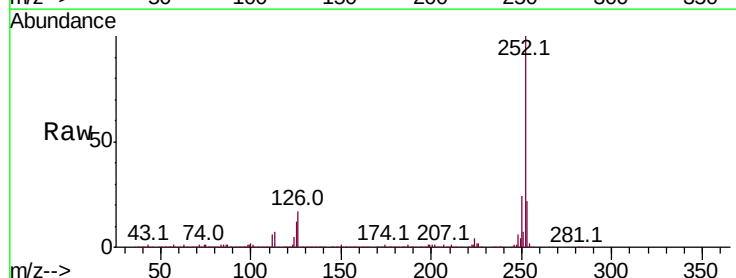
Tgt Ion:252 Resp: 1099305

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 11.8 8.2 12.4

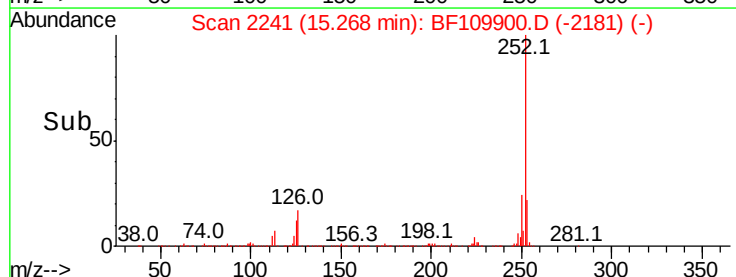
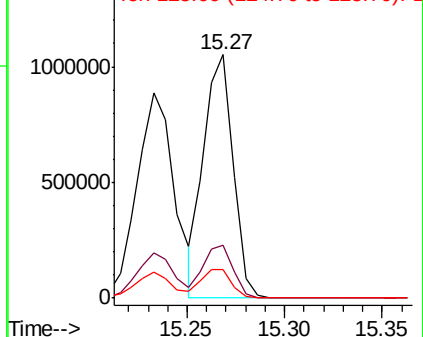


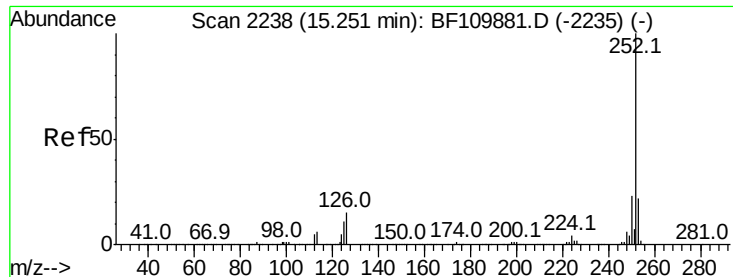
Abundance

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

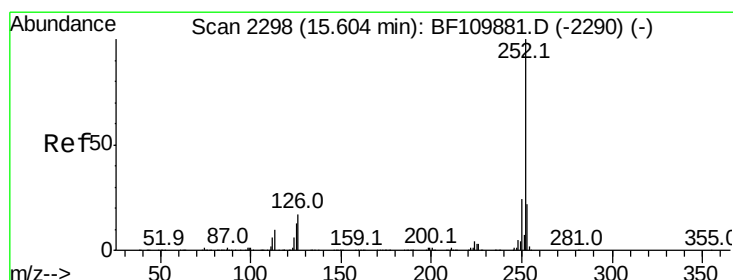
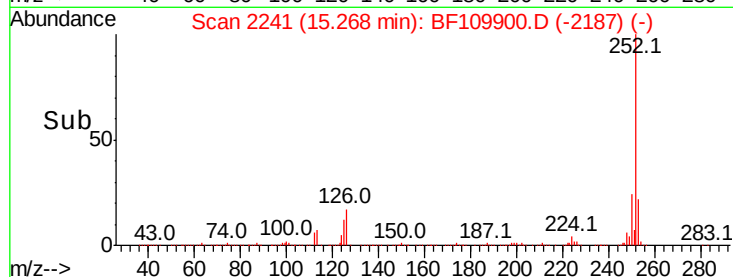
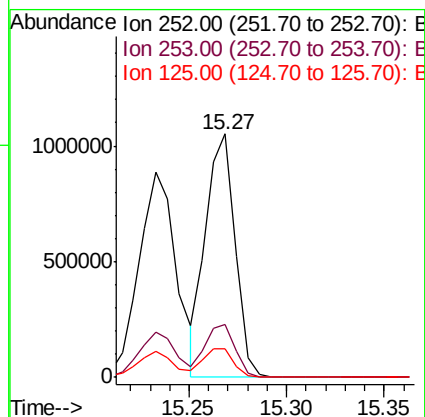
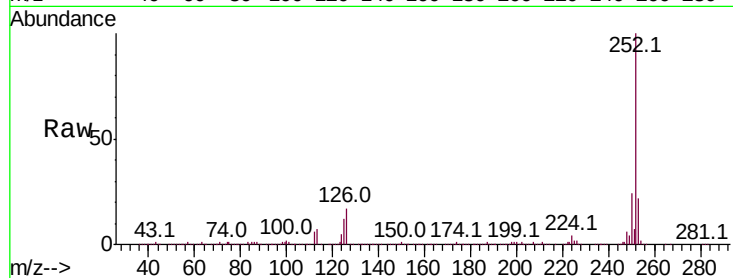




#89
Benzo(k)fluoranthene
Concen: 38.357 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

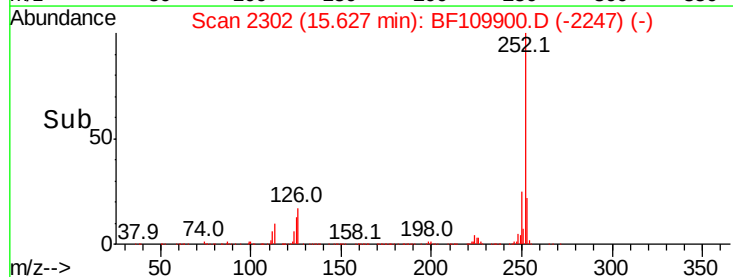
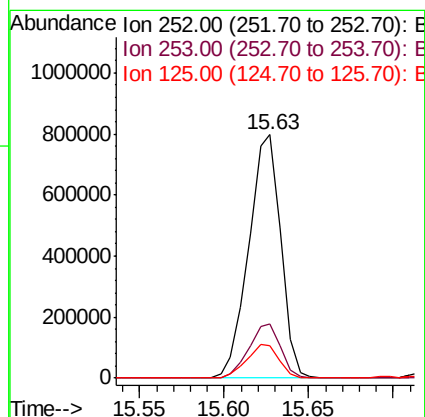
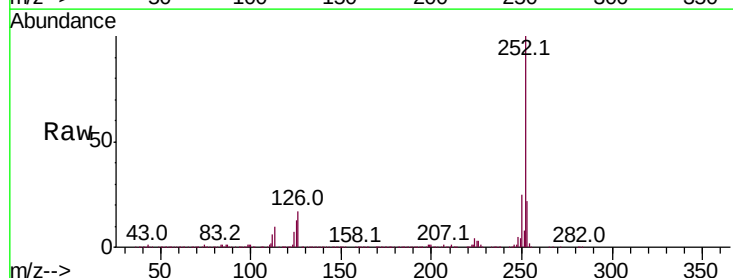
Instrument :
BNA_F
ClientSampled :

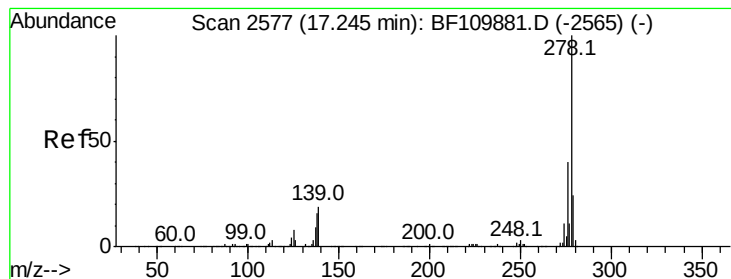
Tot Ion:252 Resp: 1099305
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.8 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 39.614 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.02 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:252 Resp: 1059380
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 13.1 9.0 13.6



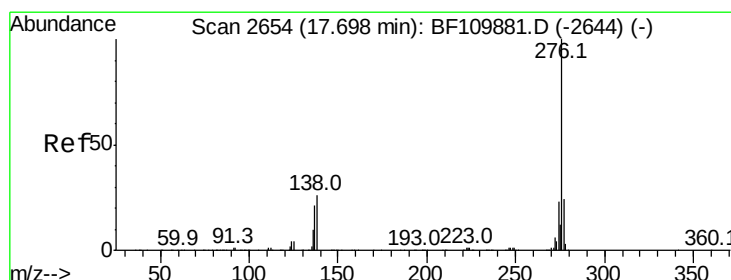
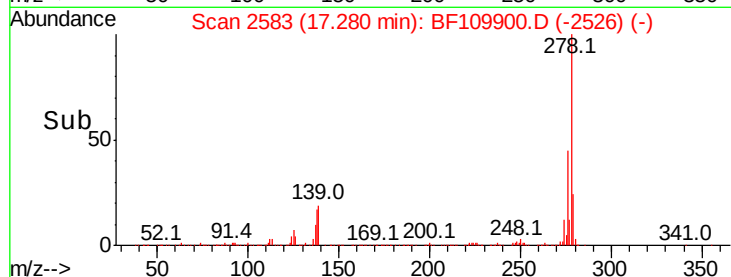
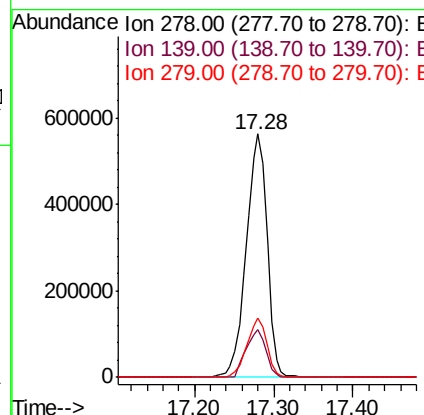
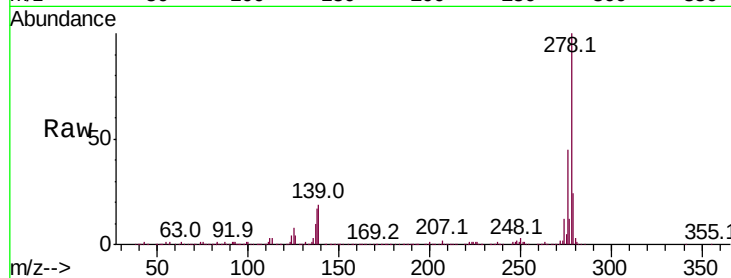


#91
Dibenzo(a,h)anthracene
Concen: 43.417 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.04 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1028984

Ion	Ratio	Lower	Upper
278	100		
139	19.5	12.7	19.1#
279	24.1	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 44.323 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.04 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:276 Resp: 1061329

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	26.1	16.0	24.0#

