

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109191.D
 Acq On : 20 Sep 2018 19:32
 Operator : JU/SJ
 Sample : J5004-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:11:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103573	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	403618	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	182452	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	351605	20.00	ng	0.00
75) Chrysene-d12	13.85	240	203747	20.00	ng	0.00
86) Perylene-d12	15.26	264	274497	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	529042	84.84	ng	0.01
7) Phenol-d6	6.36	99	778800	96.85	ng	0.00
23) Nitrobenzene-d5	7.28	82	494816	68.76	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	187615	94.75	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	791032	67.93	ng	0.00
78) Terphenyl-d14	12.81	244	701400	81.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	70977	23.910	ng	95
3) Pyridine	3.15	79	194136	24.671	ng	89
4) n-Nitrosodimethylamine	3.08	42	103754	34.911	ng	# 97
6) Aniline	6.38	93	215298	20.715	ng	95
8) 2-Chlorophenol	6.51	128	212431	30.440	ng	99
9) Benzaldehyde	6.27	77	159826	31.121	ng	99
10) Phenol	6.38	94	279256	30.865	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	213765	30.032	ng	95
12) 1,3-Dichlorobenzene	6.66	146	230714	28.908	ng	96
13) 1,4-Dichlorobenzene	6.74	146	230496	28.789	ng	98
14) 1,2-Dichlorobenzene	6.90	146	217777	29.339	ng	98
15) Benzyl Alcohol	6.87	79	203322	33.306	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296327	29.055	ng	95
17) 2-Methylphenol	6.98	107	176520	31.003	ng	95
18) Hexachloroethane	7.24	117	84495	29.057	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	154611	29.089	ng	96
20) 3+4-Methylphenols	7.14	107	203985	29.748	ng	# 70
22) Acetophenone	7.13	105	282856	30.859	ng	# 89
24) Nitrobenzene	7.30	77	232753	31.371	ng	95
25) Isophorone	7.54	82	424570	34.323	ng	95
26) 2-Nitrophenol	7.62	139	102438	29.569	ng	93
27) 2,4-Dimethylphenol	7.66	122	187491	34.501	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	268581	32.265	ng	98
29) 2,4-Dichlorophenol	7.86	162	186601	32.222	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	185654	29.658	ng	97
31) Naphthalene	8.02	128	619960	33.094	ng	99
32) Benzoic acid	7.75	122	47150	13.278	ng	85
33) 4-Chloroaniline	8.07	127	84375	10.130	ng	97
34) Hexachlorobutadiene	8.15	225	113552	29.713	ng	99
35) Caprolactam	8.47	113	16001	8.475	ng	92
36) 4-Chloro-3-methylphenol	8.56	107	197403	32.381	ng	96
37) 2-Methylnaphthalene	8.71	142	412120	33.748	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	179609	31.277	ng	99
40) Hexachlorocyclopentadiene	8.88	237	163205	56.408	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109191.D
 Acq On : 20 Sep 2018 19:32
 Operator : JU/SJ
 Sample : J5004-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

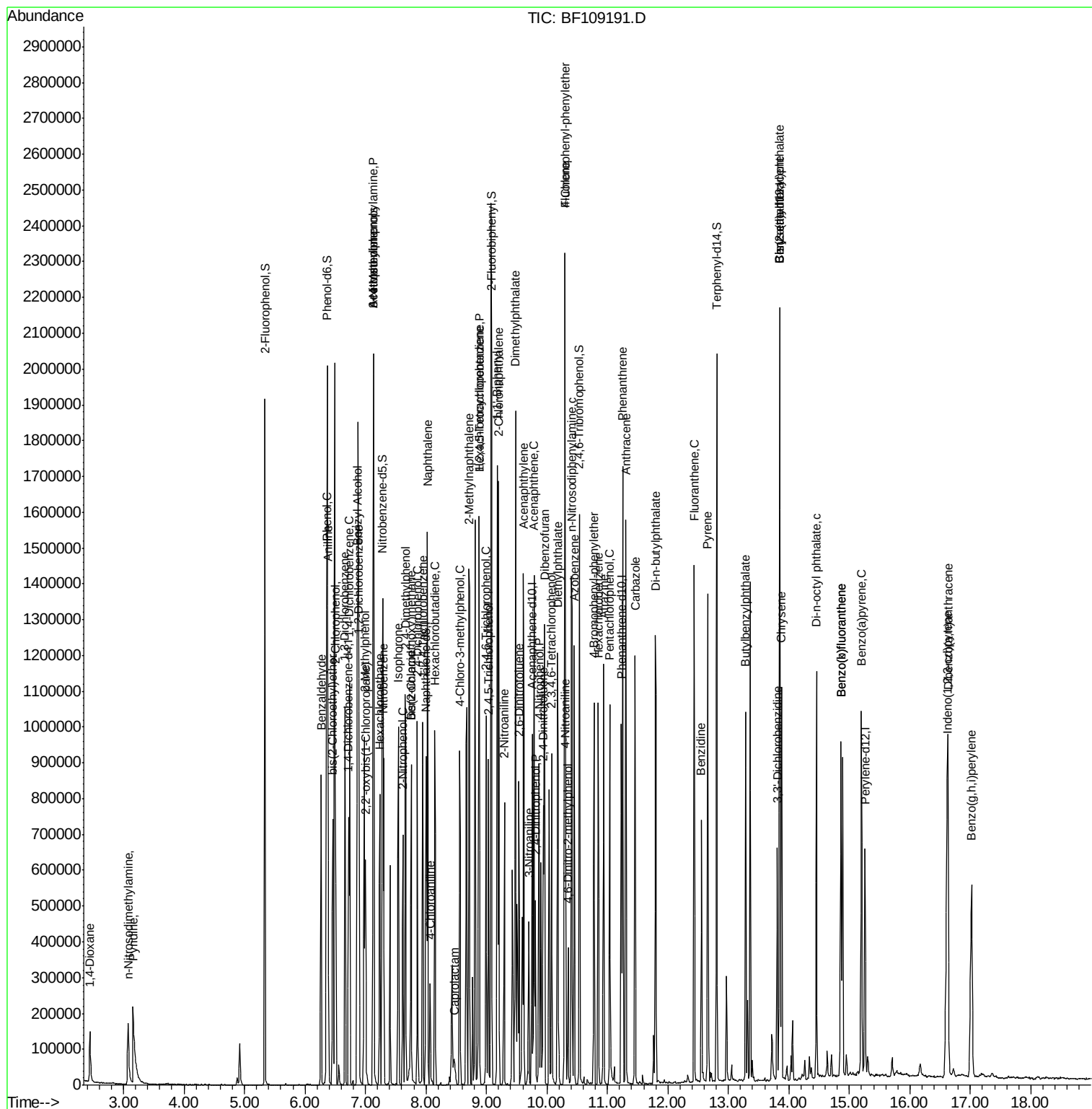
Instrument :
 BNA_F
 ClientSampleId :

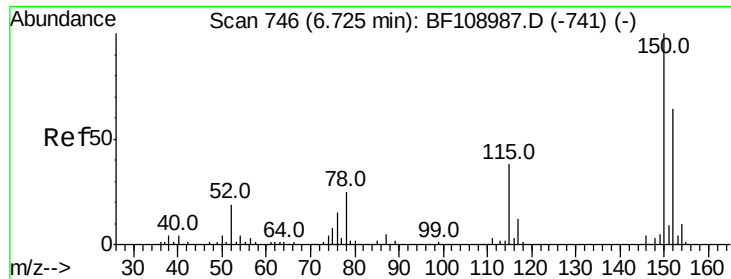
Quant Time: Sep 21 07:11:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	127723	33.090	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	136643	33.877	nq	# 93
45) 1,1'-Biphenyl	9.18	154	489164	33.512	nq	98
46) 2-Chloronaphthalene	9.20	162	359832	30.781	nq	98
47) 2-Nitroaniline	9.30	65	124563	34.660	nq	96
48) Acenaphthylene	9.61	152	590446	33.500	nq	100
49) Dimethylphthalate	9.48	163	734787	56.347	nq	100
50) 2,6-Dinitrotoluene	9.54	165	93938	32.483	nq	87
51) Acenaphthene	9.78	154	360280	32.827	nq	99
52) 3-Nitroaniline	9.70	138	60871	17.875	nq	92
53) 2,4-Dinitrophenol	9.81	184	58049	52.083	nq	# 19
54) Dibenzofuran	9.96	168	529267	33.371	nq	99
55) 4-Nitrophenol	9.87	139	143947	57.373	nq	89
56) 2,4-Dinitrotoluene	9.94	165	130168	34.417	nq	# 93
57) Fluorene	10.30	166	388127	36.723	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105527	31.596	nq	94
59) Diethylphthalate	10.18	149	453500	34.438	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	187647	33.156	nq	93
61) 4-Nitroaniline	10.31	138	100205	30.972	nq	96
62) Azobenzene	10.45	77	463810	34.408	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	45436	27.009	nq	83
65) n-Nitrosodiphenylamine	10.41	169	376425	32.729	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	113450	28.621	nq	95
67) Hexachlorobenzene	10.85	284	131625	31.044	nq	# 91
68) Atrazine	10.94	200	128262	34.837	nq	99
69) Pentachlorophenol	11.04	266	135013	49.771	nq	98
70) Phenanthrene	11.25	178	579515	33.623	nq	99
71) Anthracene	11.31	178	586911	33.592	nq	99
72) Carbazole	11.46	167	467610	27.037	nq	100
73) Di-n-butylphthalate	11.80	149	607785	30.020	nq	# 99
74) Fluoranthene	12.44	202	552044	30.339	nq	96
76) Benzidine	12.55	184	251463	34.866	nq	98
77) Pyrene	12.66	202	541862	35.804	nq	99
79) Butylbenzylphthalate	13.28	149	236152	34.936	nq	91
80) Benzo(a)anthracene	13.84	228	400187	32.442	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	119581	24.023	nq	96
82) Chrysene	13.88	228	388974	31.517	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	280480	34.270	nq	98
84) Di-n-octyl phthalate	14.45	149	514768	37.085	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	538203	54.546	nq	94
87) Benzo(b)fluoranthene	14.86	252	411464	27.095	nq	98
88) Benzo(k)fluoranthene	14.86	252	411464	29.010	nq	98
89) Benzo(a)pyrene	15.20	252	460694	34.161	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	450919	39.798	nq	# 95
91) Benzo(g,h,i)perylene	17.02	276	444793	39.266	nq	# 93

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

Quant Time: Sep 21 07:11:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



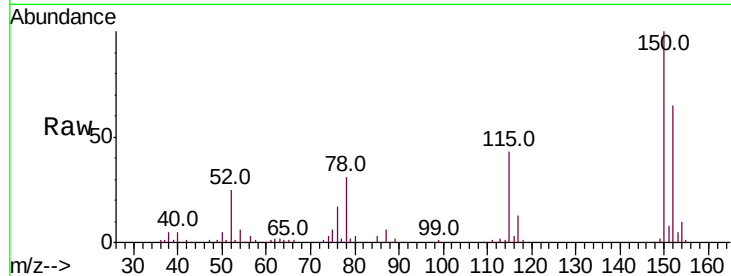


#1

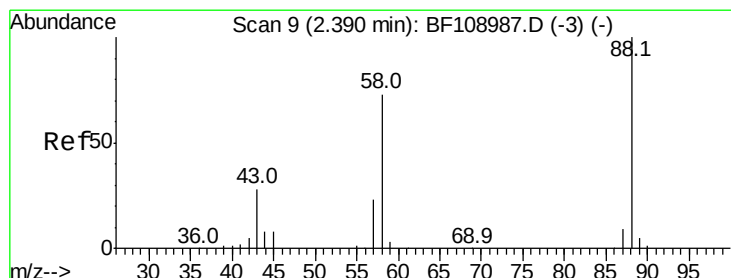
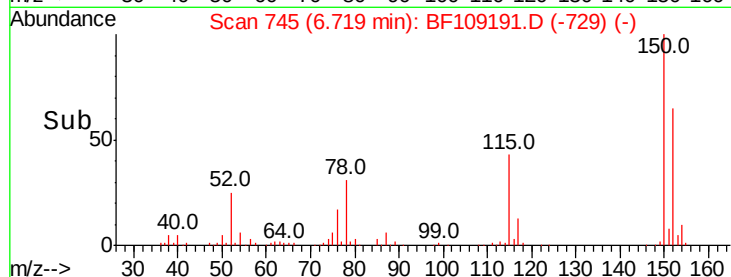
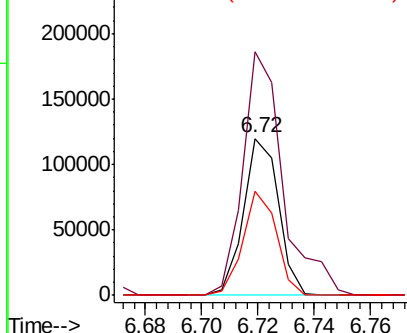
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103573
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 66.1 50.1 75.1



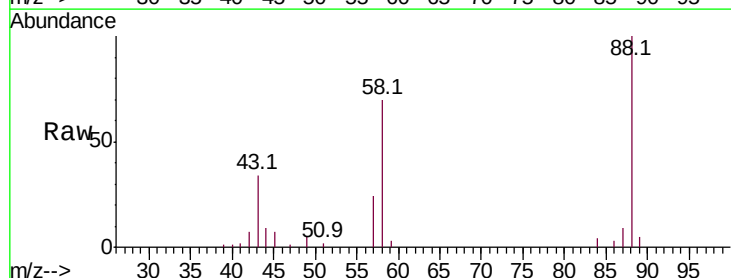
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



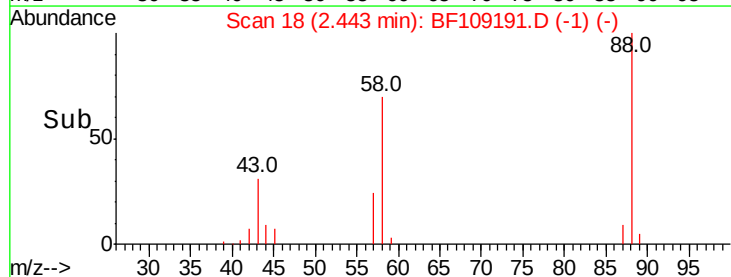
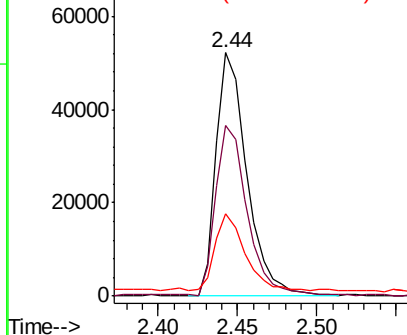
#2

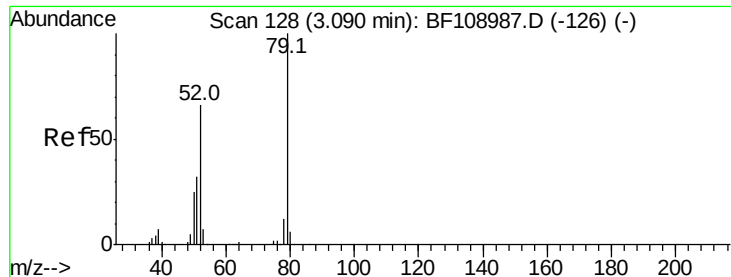
1,4-Dioxane
Concen: 23.910 ng
RT: 2.44 min Scan# 18
Delta R.T. 0.05 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion: 88 Resp: 70977
Ion Ratio Lower Upper
88 100
58 72.6 62.6 93.8
43 30.3 24.6 37.0



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: 24.671 ng

RT: 3.15 min Scan# 139

Delta R.T. 0.06 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampled :

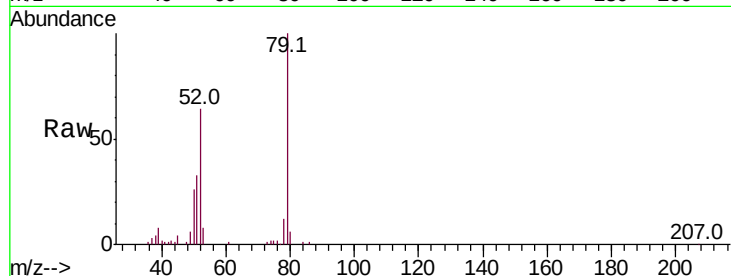
Tot Ion: 79 Resp: 194136

Ion Ratio Lower Upper

79 100

52 64.3 59.8 89.6

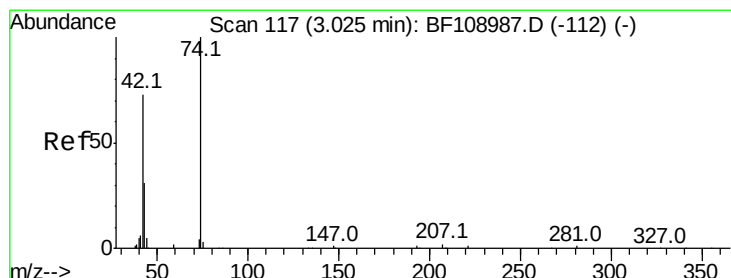
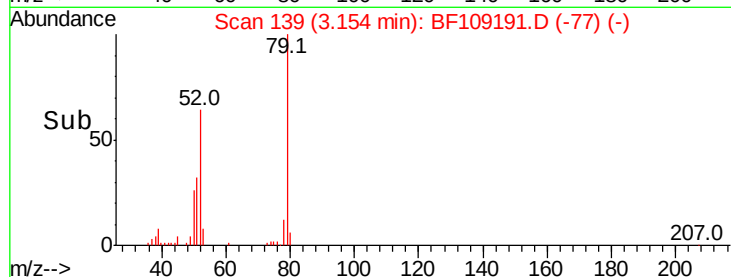
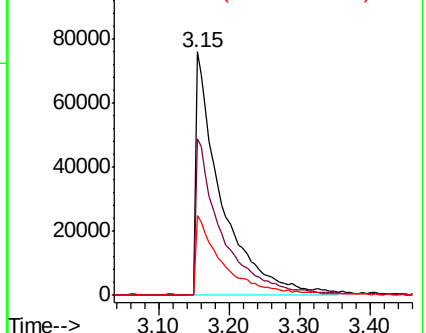
51 32.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.911 ng

RT: 3.08 min Scan# 126

Delta R.T. 0.05 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

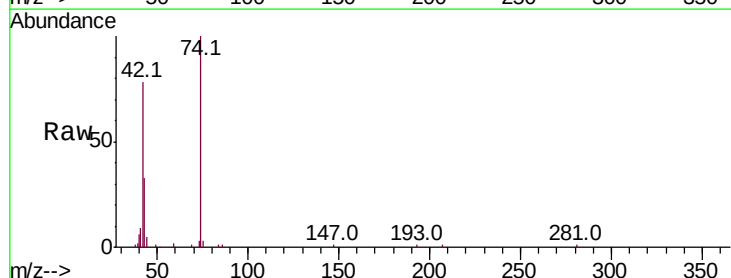
Tgt Ion: 42 Resp: 103754

Ion Ratio Lower Upper

42 100

74 127.5 104.9 157.3

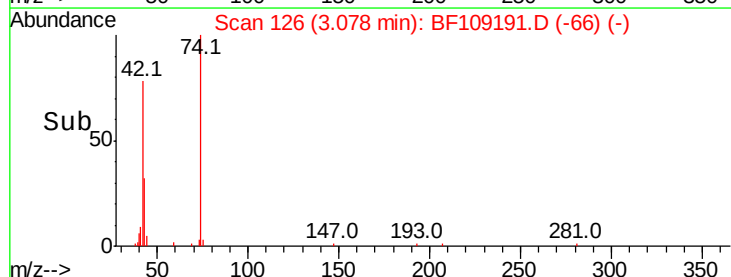
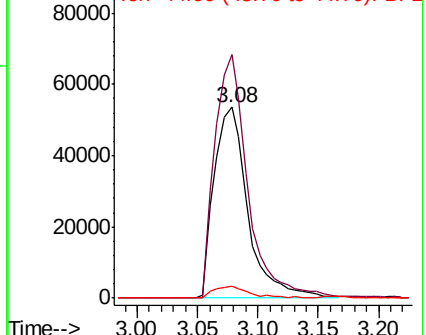
44 6.2 6.9 10.3#

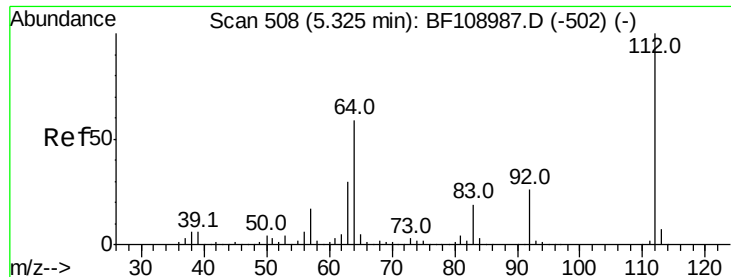


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.837 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampled :

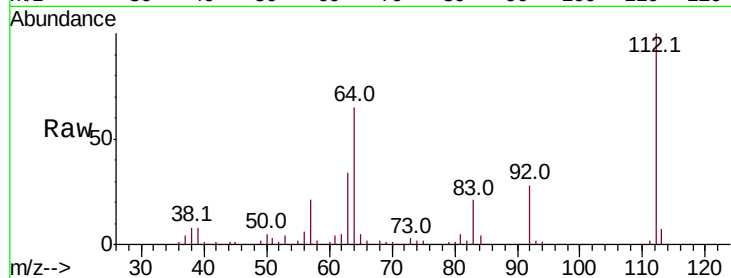
Tot Ion:112 Resp: 529042

Ion Ratio Lower Upper

112 100

64 64.6 47.9 71.9

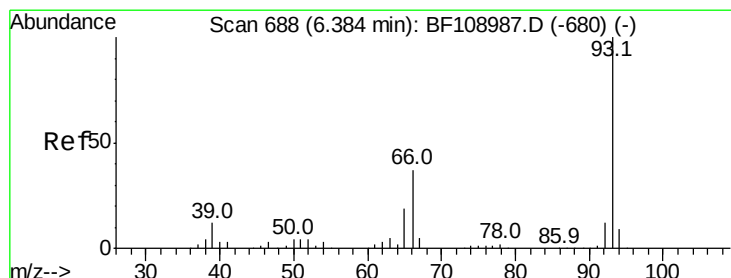
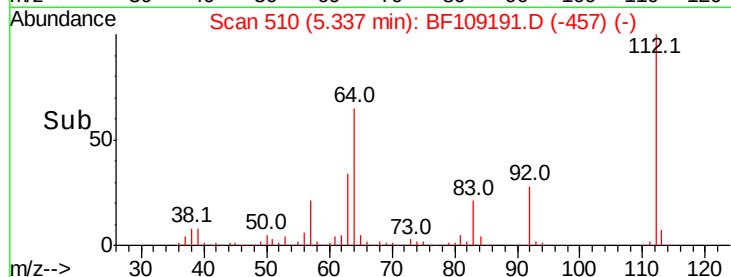
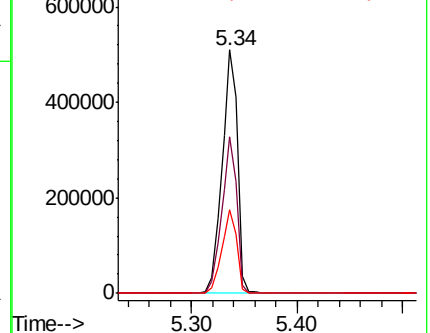
63 34.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.715 ng

RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

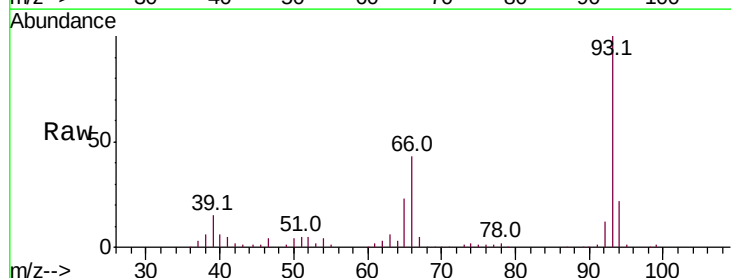
Tgt Ion: 93 Resp: 215298

Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

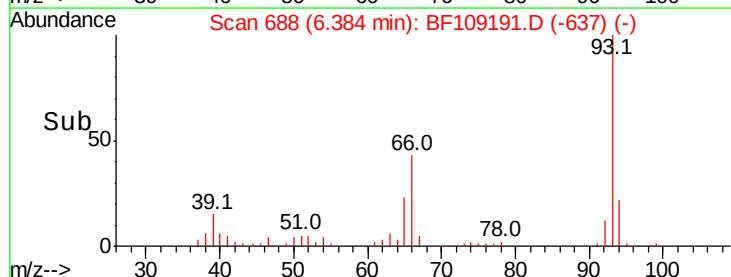
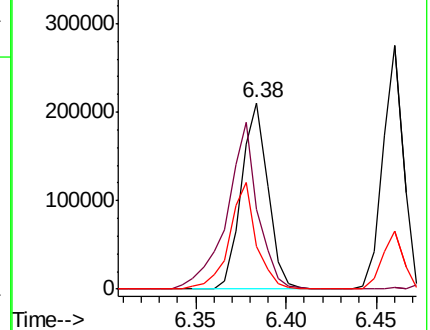
65 22.6 16.4 24.6

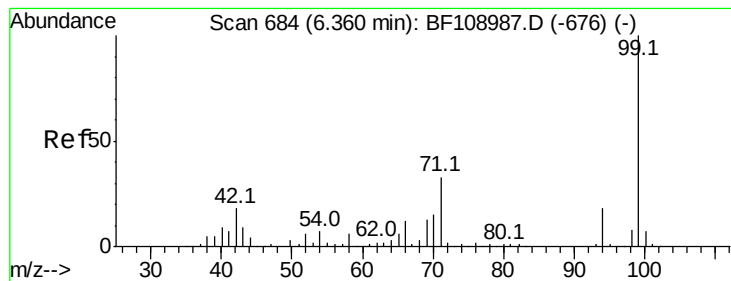


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.853 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

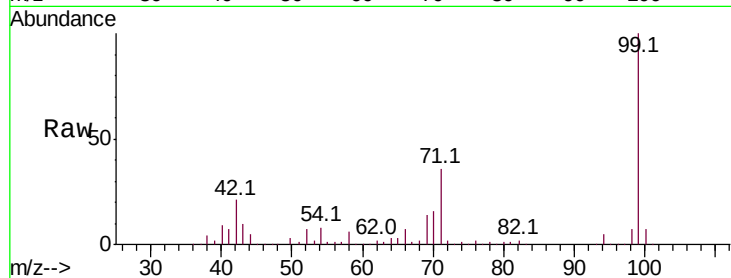
Tot Ion: 99 Resp: 778800

Ion Ratio Lower Upper

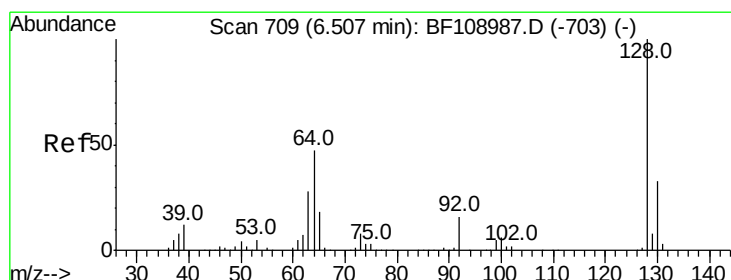
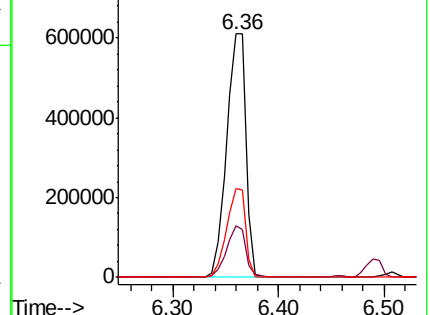
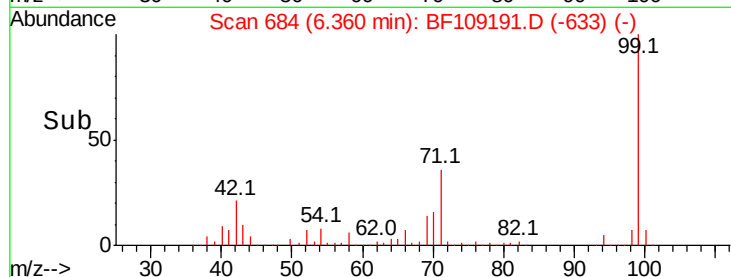
99 100

42 21.0 14.5 21.7

71 36.5 25.4 38.0



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: 30.440 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

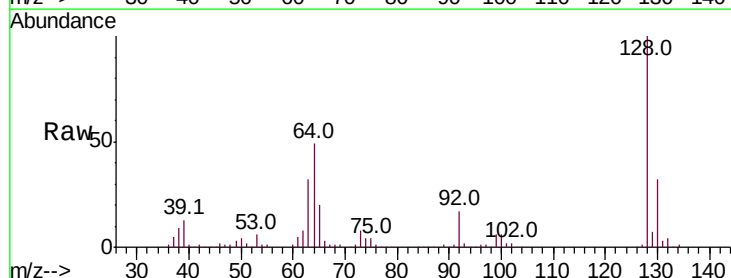
Tgt Ion: 128 Resp: 212431

Ion Ratio Lower Upper

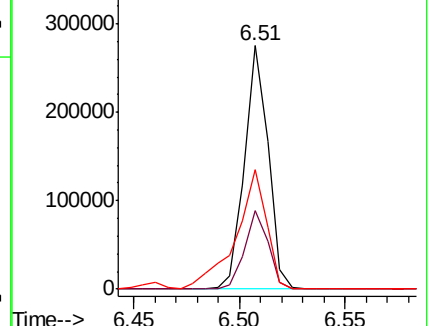
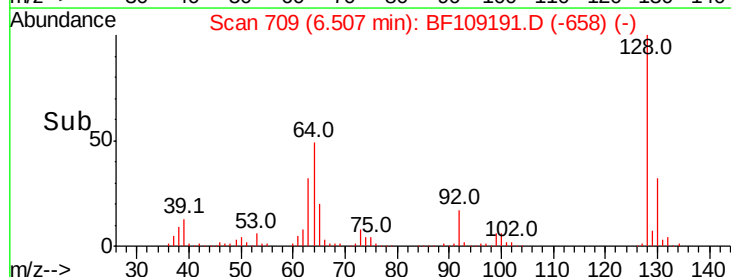
128 100

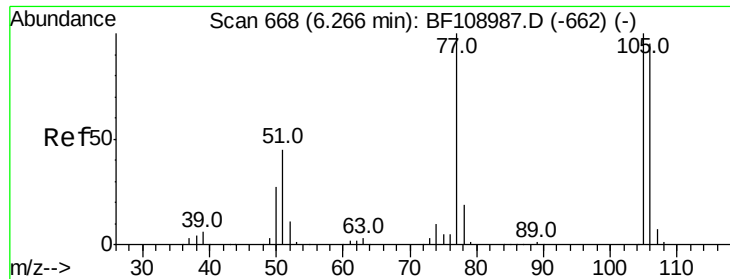
130 32.2 13.0 53.0

64 49.0 29.4 69.4



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: 31.121 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

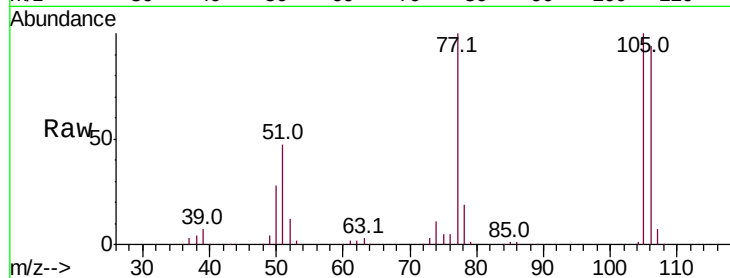
Tot Ion: 77 Resp: 159826

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

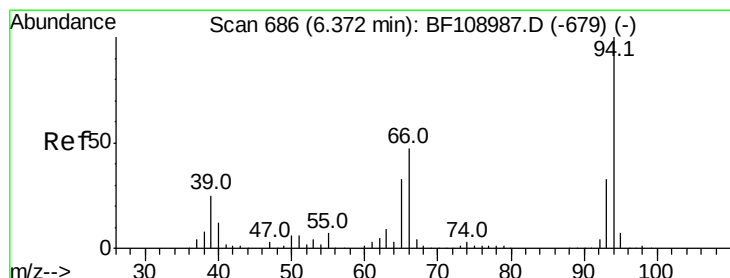
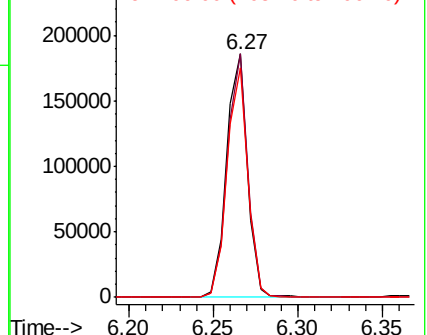
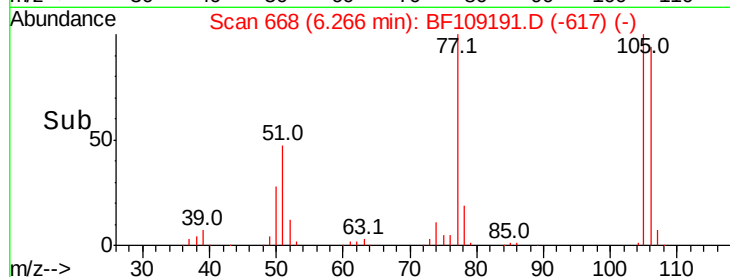
106 94.5 74.5 114.5



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: 30.865 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

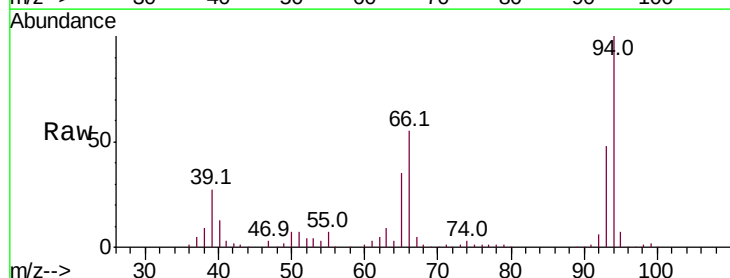
Tgt Ion: 94 Resp: 279256

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

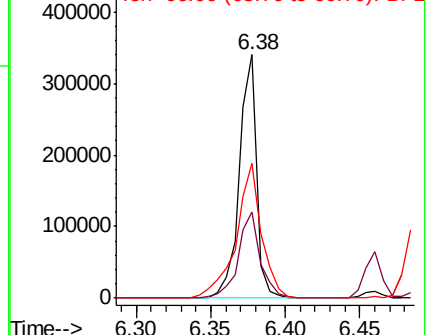
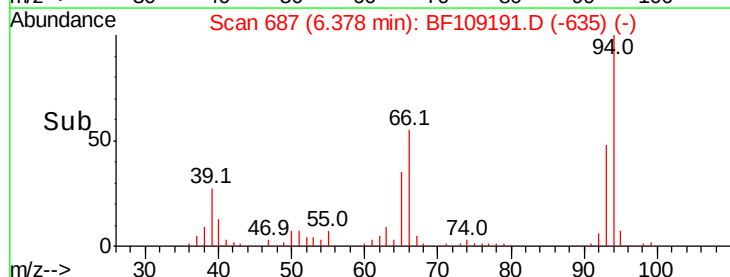
66 55.3 16.2 56.2

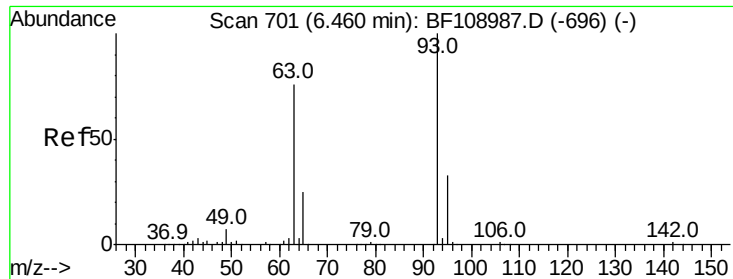


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

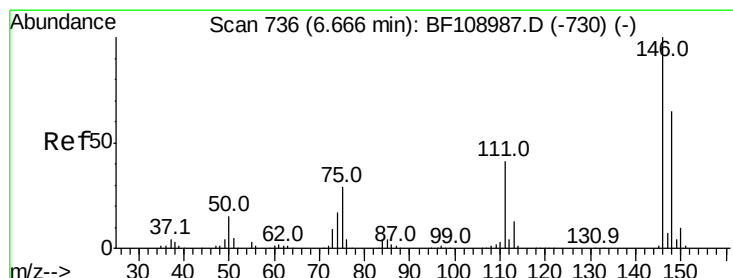
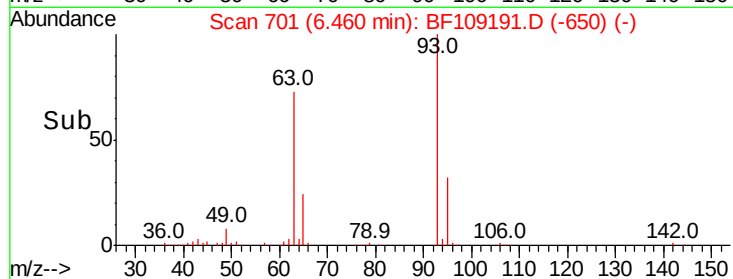
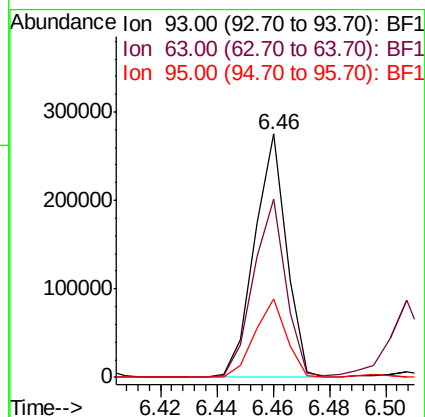
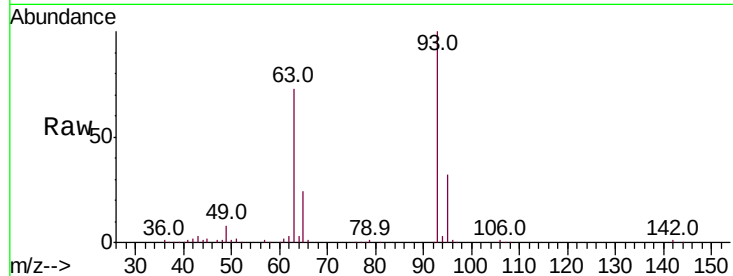




#11
 bis(2-Chloroethyl)ether
 Concen: 30.032 ng
 RT: 6.46 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

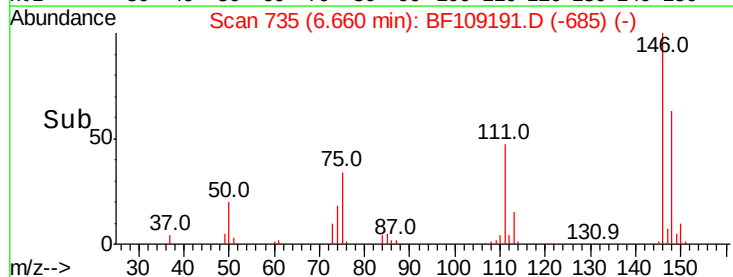
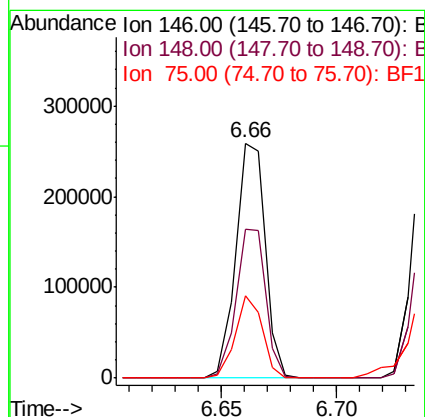
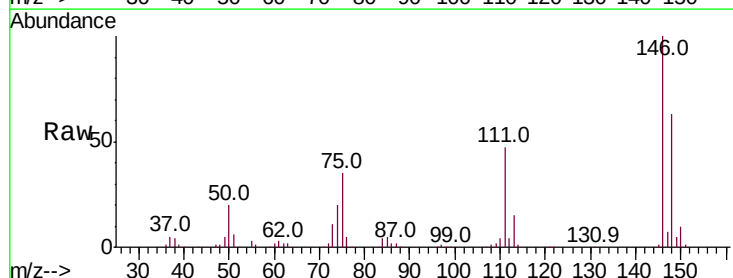
Instrument :
 BNA_F
 ClientSampleId :

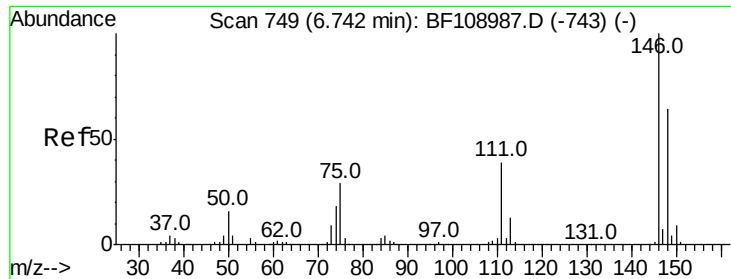
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.6	98.6
95	32.4	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 28.908 ng
 RT: 6.66 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	35.1	24.2	36.4

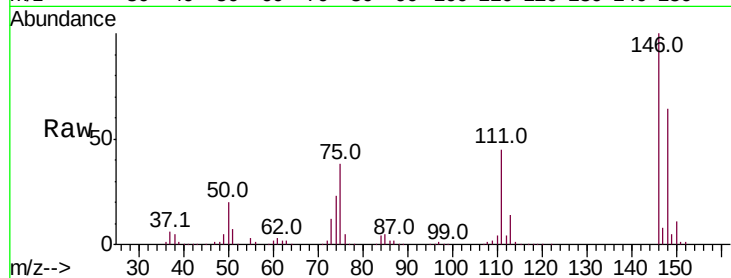




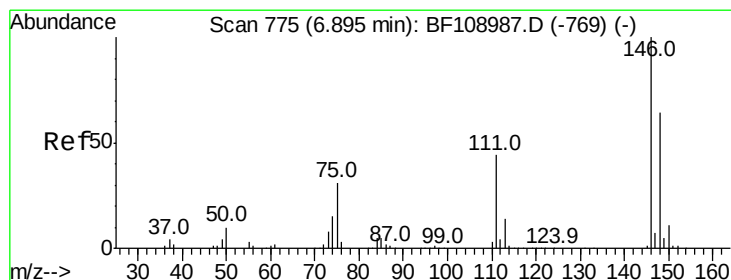
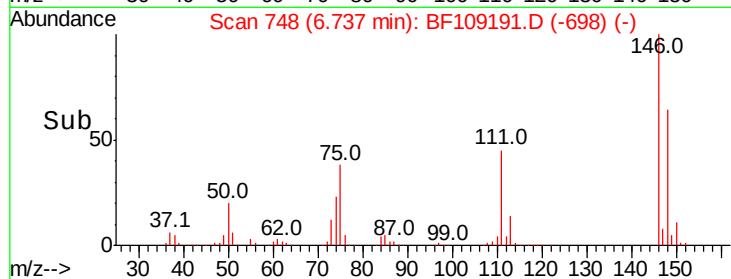
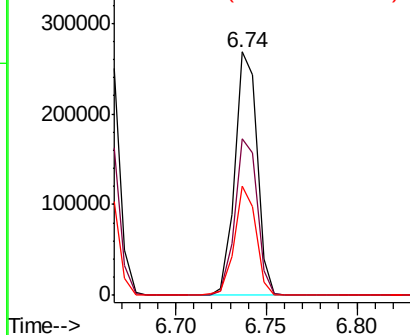
#13
 1,4-Dichlorobenzene
 Concen: 28.789 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	45.0	34.2	51.2

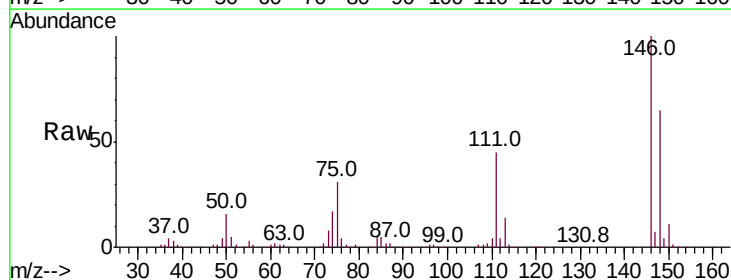


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

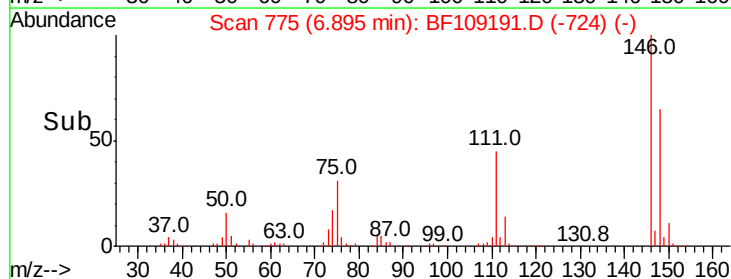
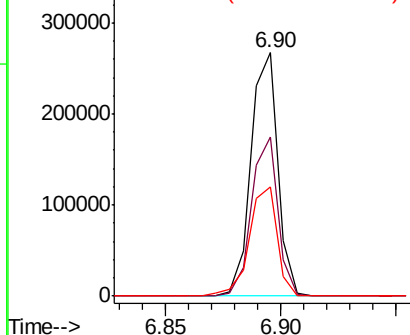


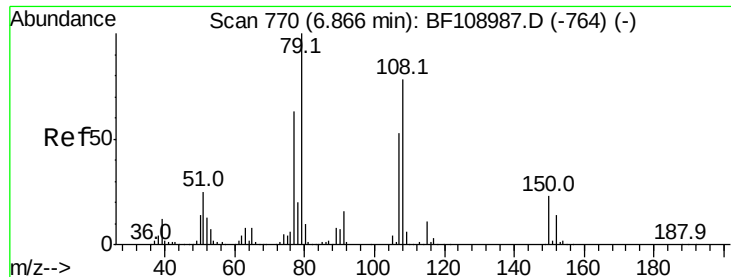
#14
 1,2-Dichlorobenzene
 Concen: 29.339 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	45.0	36.0	54.0



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: 33.306 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

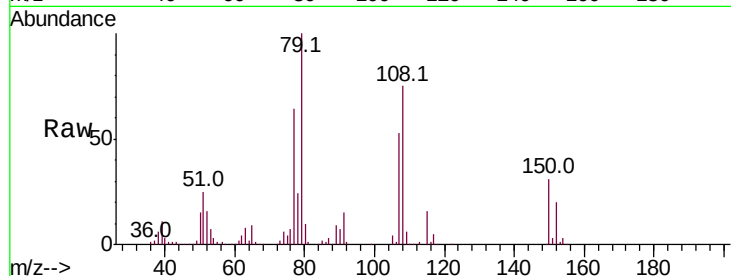
Tot Ion: 79 Resp: 203322

Ion Ratio Lower Upper

79 100

108 75.3 65.1 97.7

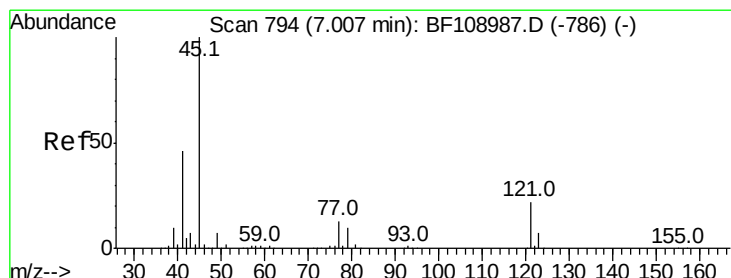
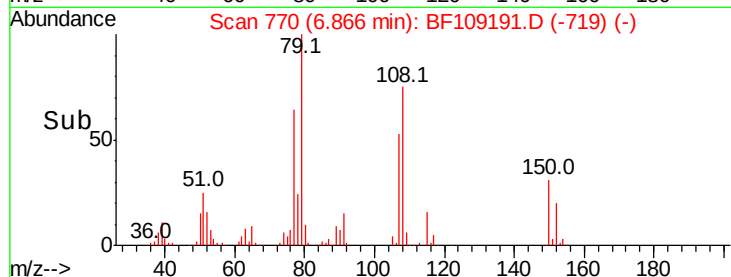
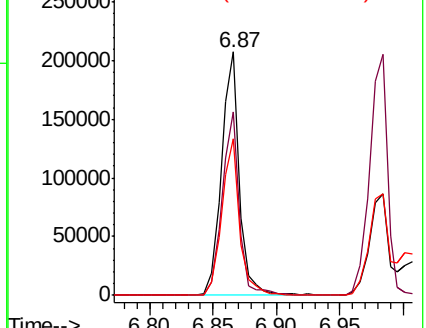
77 64.3 50.6 75.8



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: 29.055 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

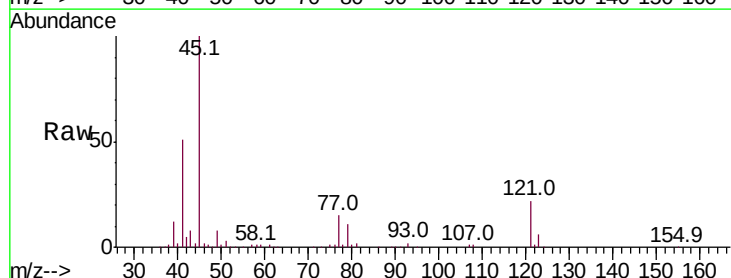
Tgt Ion: 45 Resp: 296327

Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.9

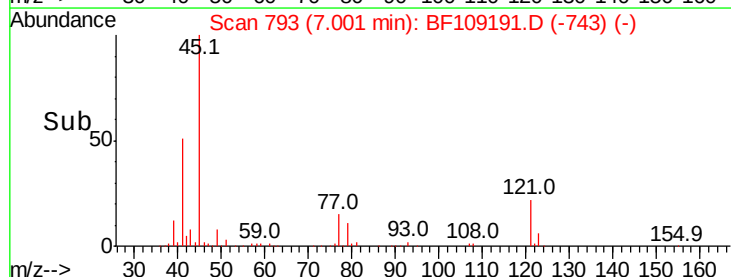
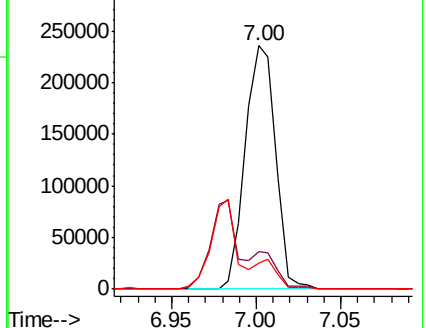
79 10.8 0.0 29.6

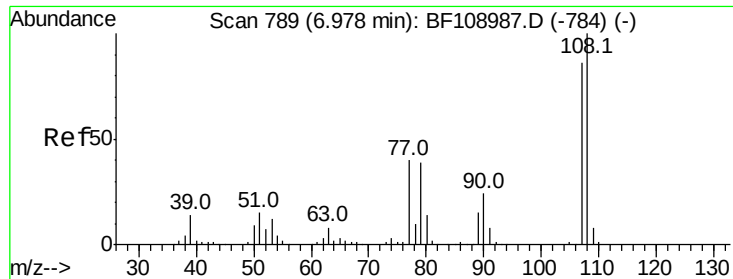


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

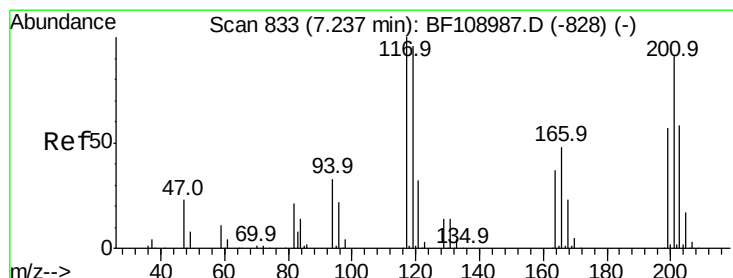
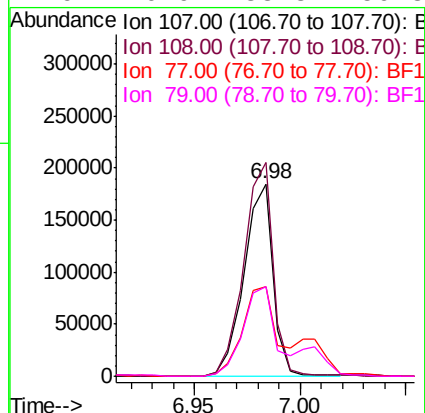
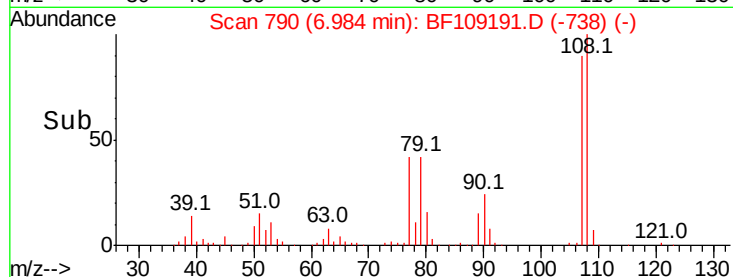
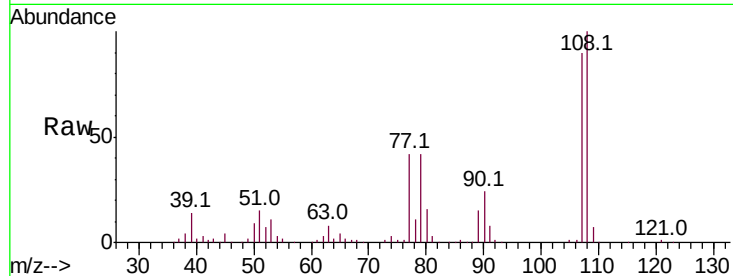




#17
2-Methylphenol
Concen: 31.003 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

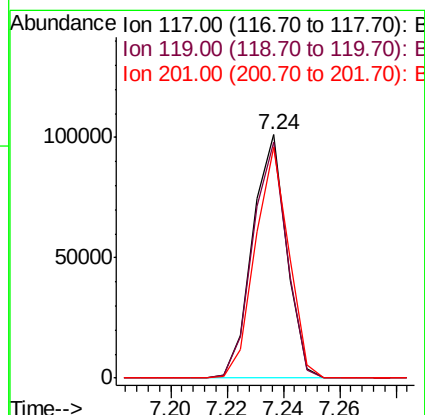
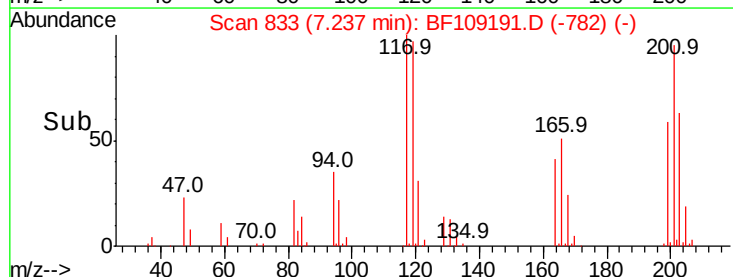
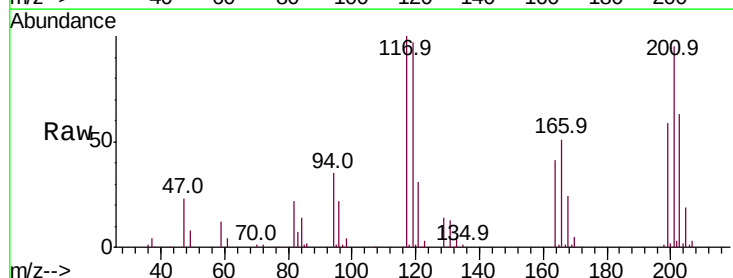
Instrument :
BNA_F
ClientSampleId :

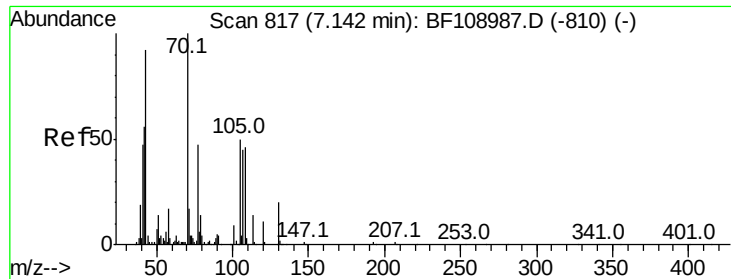
Tot Ion:107 Resp: 176520
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 46.5 33.8 50.8
79 46.9 33.8 50.8



#18
Hexachloroethane
Concen: 29.057 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:117 Resp: 84495
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 94.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 29.089 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

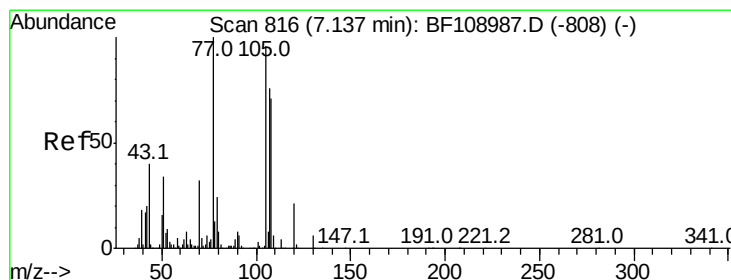
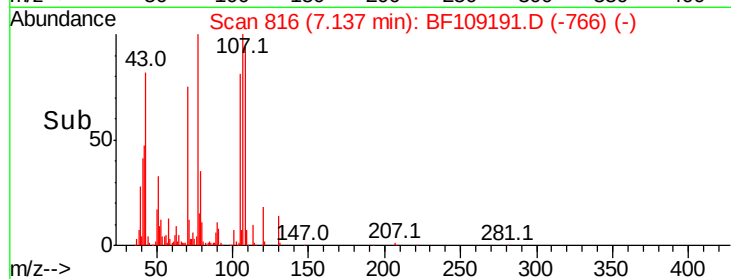
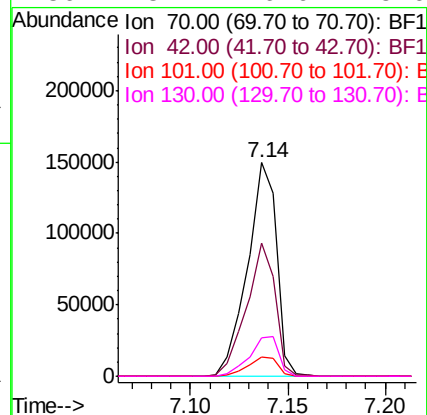
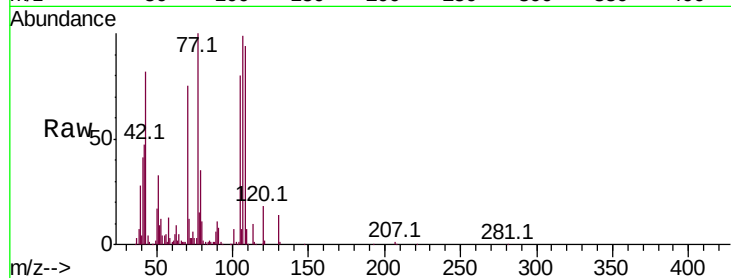
Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 154611

Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.5	71.3
101	8.8	7.4	11.2
130	18.1	16.6	25.0



#20

3+4-Methylphenols

Concen: 29.748 ng

RT: 7.14 min Scan# 816

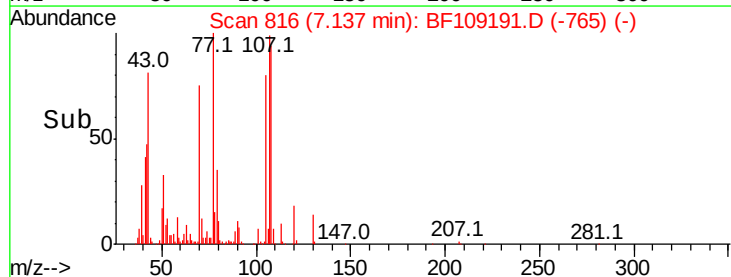
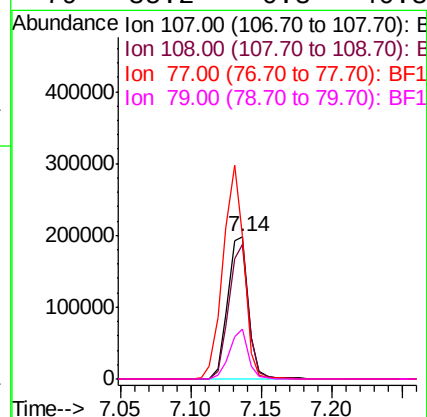
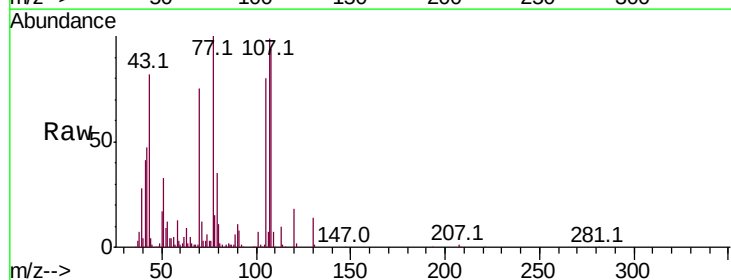
Delta R.T. 0.00 min

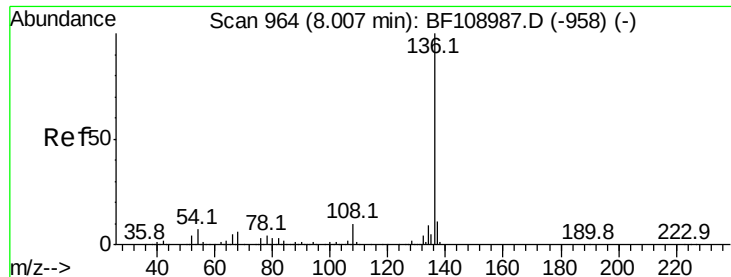
Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion: 107 Resp: 203985

Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	100.6	26.7	66.7#
79	35.2	6.3	46.3

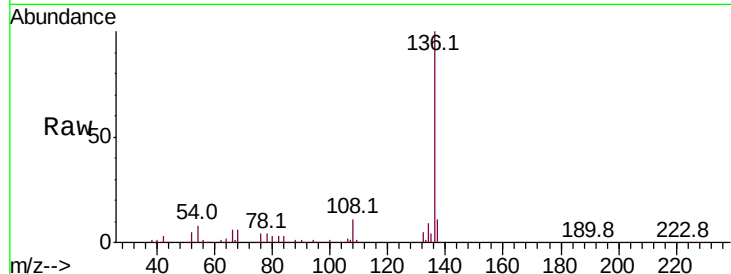




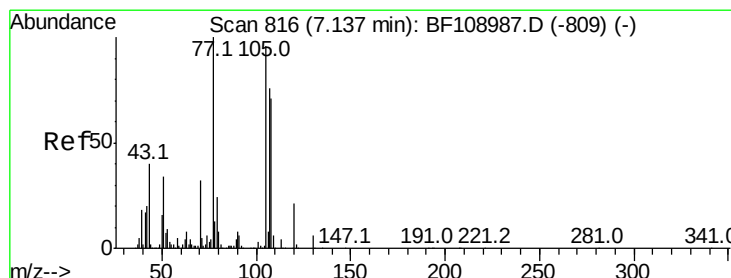
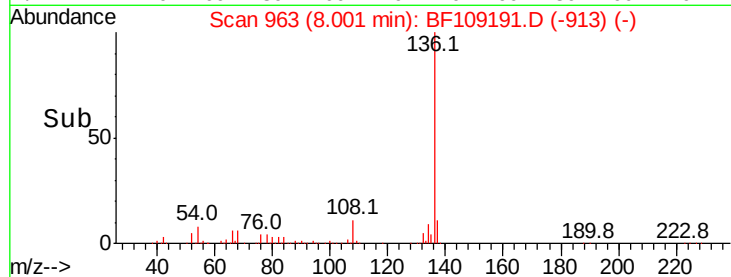
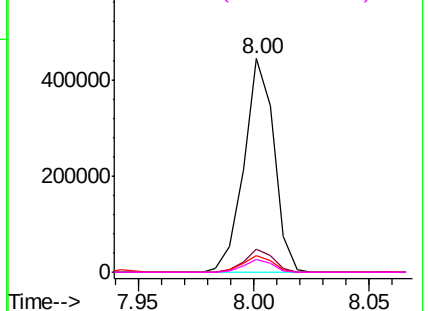
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	403618
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.7	6.6 9.8
68	5.7	5.0 7.4

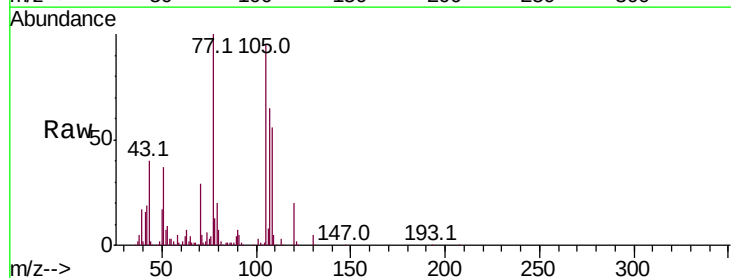


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

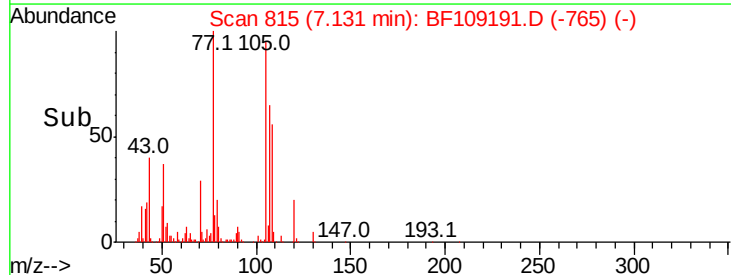
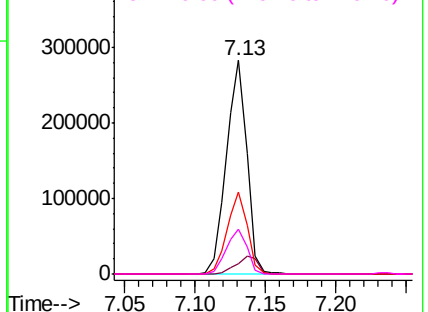


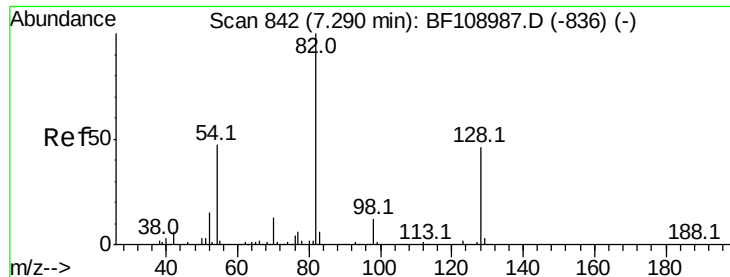
#22
Acetophenone
Concen: 30.859 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:105	Resp:	282856
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.4 6.6
51	38.5	22.3 33.5#
120	20.9	16.9 25.3



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

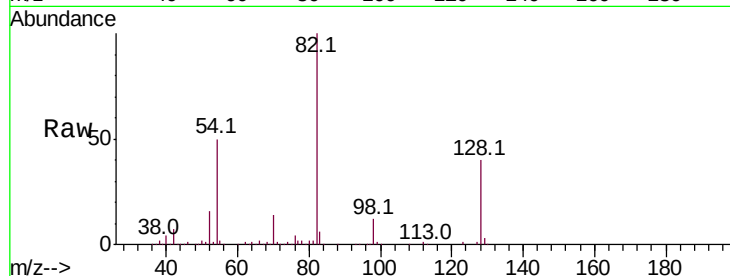




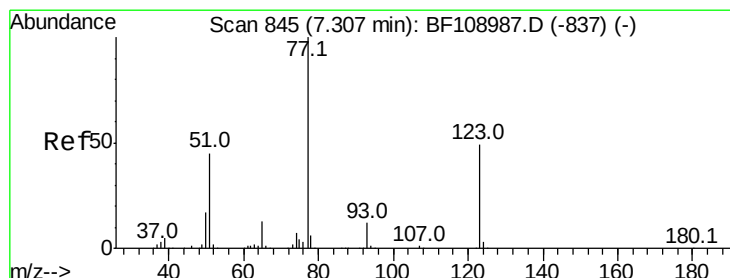
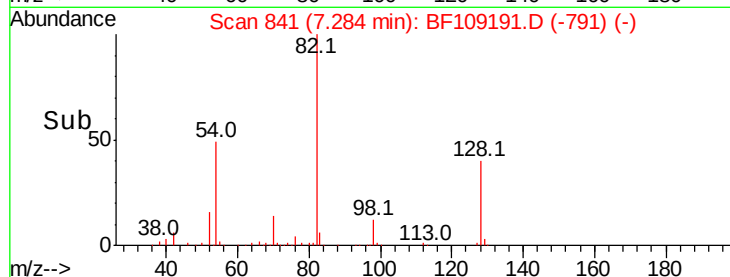
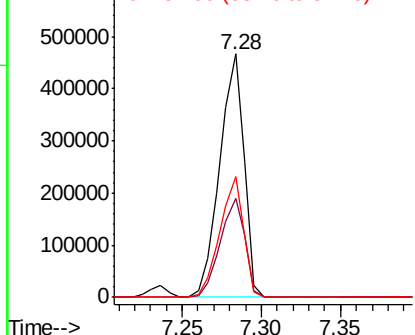
#23
Nitrobenzene-d5
Concen: 68.761 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 494816
Ion Ratio Lower Upper
82 100
128 40.4 36.1 54.1
54 49.6 41.4 62.2

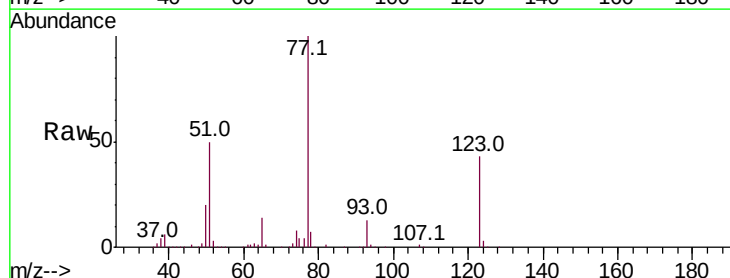


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

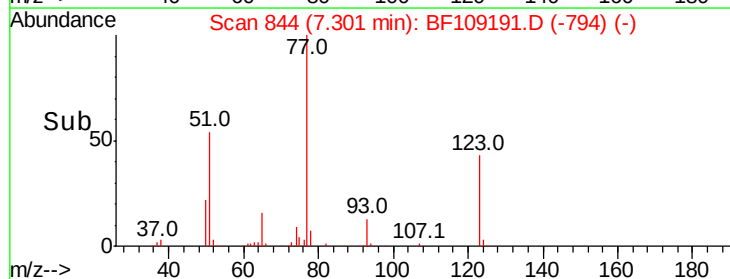
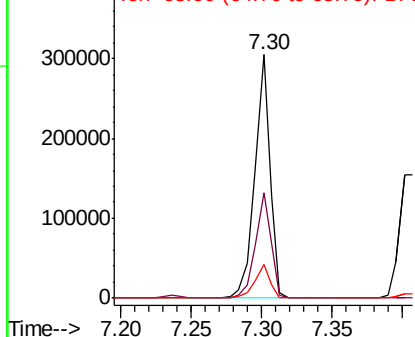


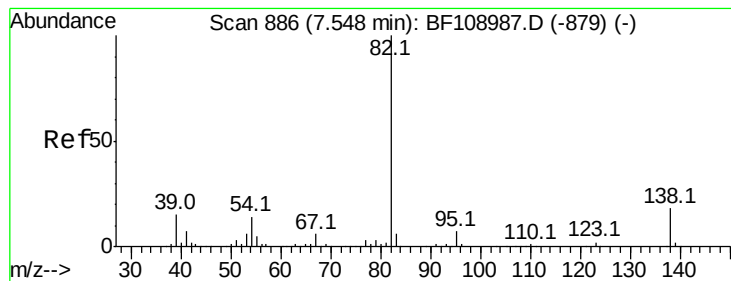
#24
Nitrobenzene
Concen: 31.371 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion: 77 Resp: 232753
Ion Ratio Lower Upper
77 100
123 43.1 37.9 56.9
65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 34.323 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampled :

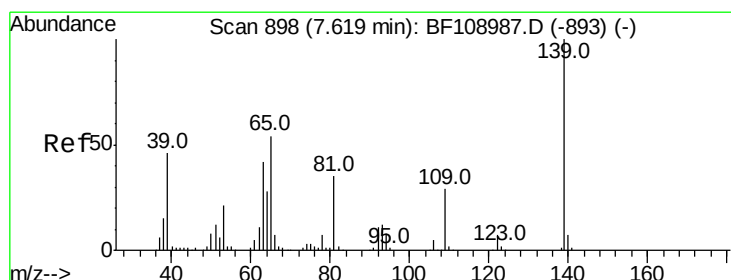
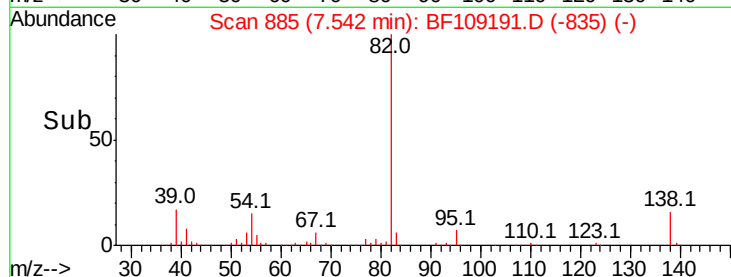
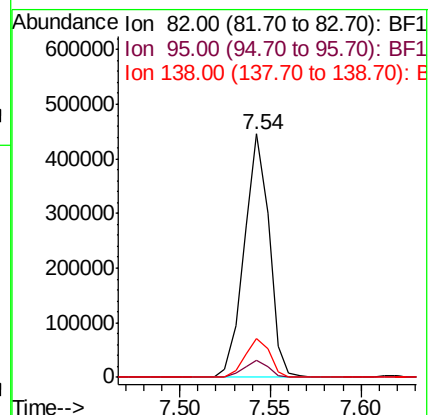
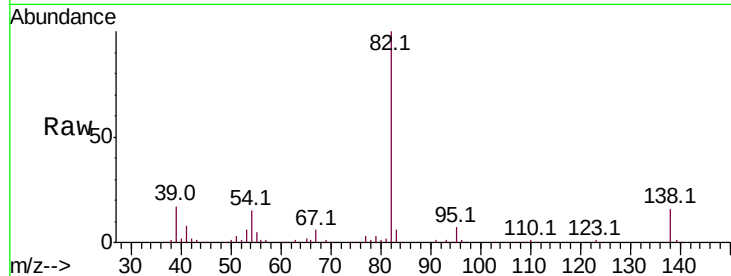
Tot Ion: 82 Resp: 424570

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 16.1 14.9 22.3



#26

2-Nitrophenol

Concen: 29.569 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

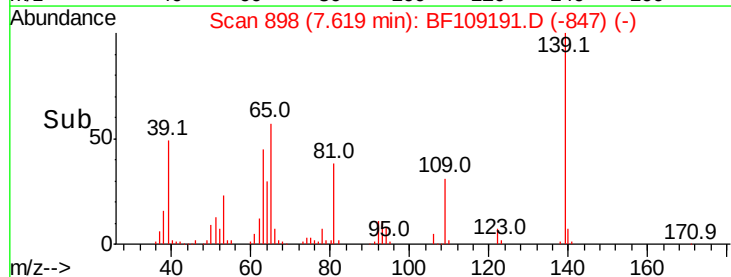
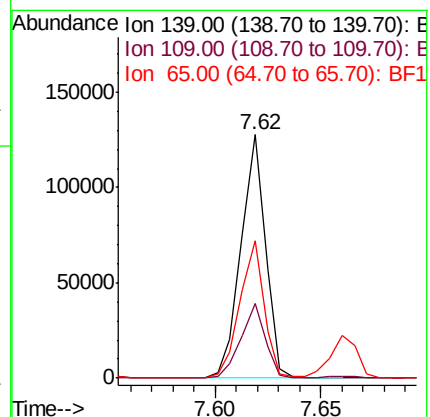
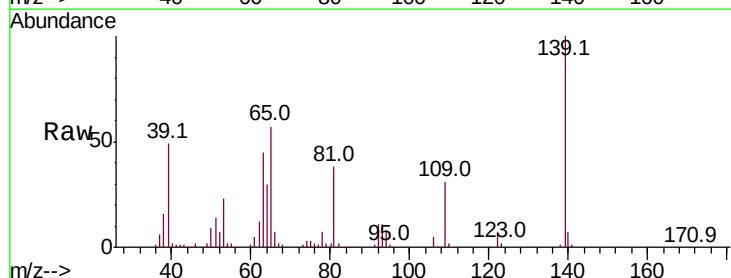
Tgt Ion: 139 Resp: 102438

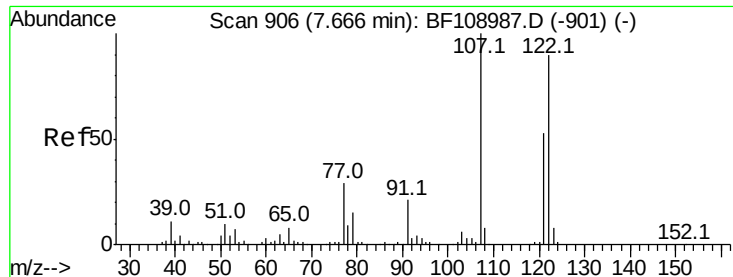
Ion Ratio Lower Upper

139 100

109 30.7 22.7 34.1

65 56.7 40.5 60.7

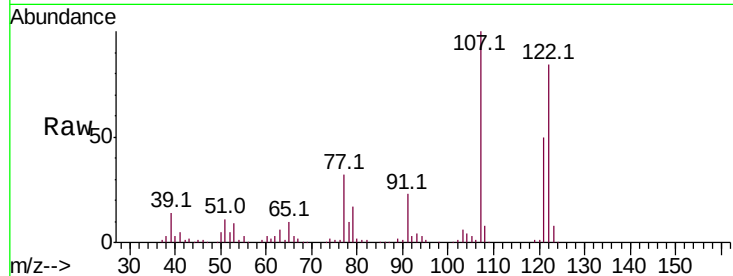




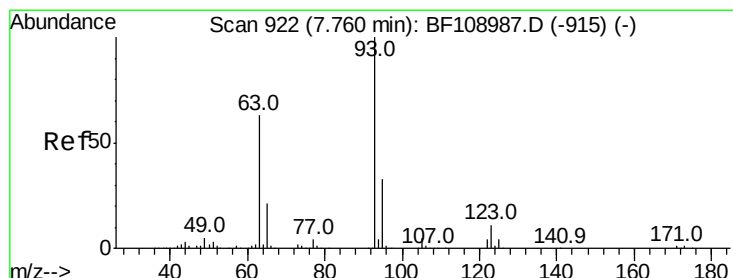
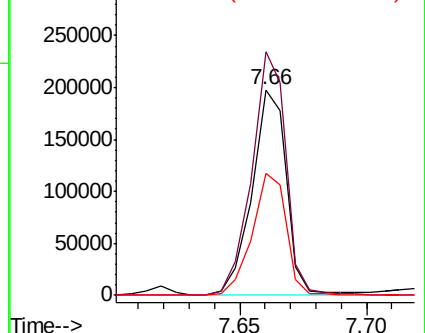
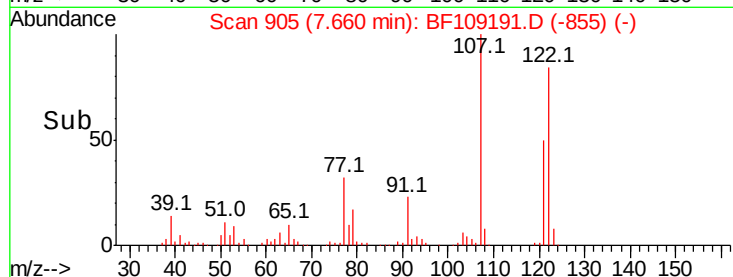
#27
2,4-Dimethylphenol
Concen: 34.501 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 187491
Ion Ratio Lower Upper
122 100
107 118.5 91.2 136.8
121 59.7 47.2 70.8

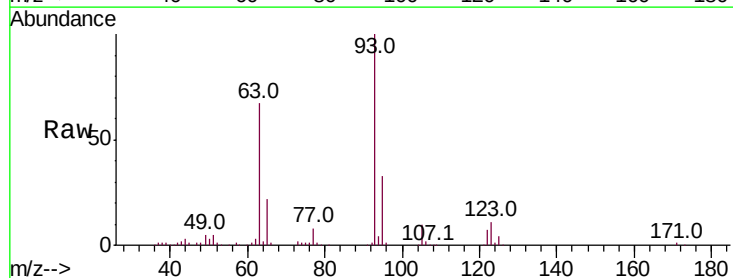


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

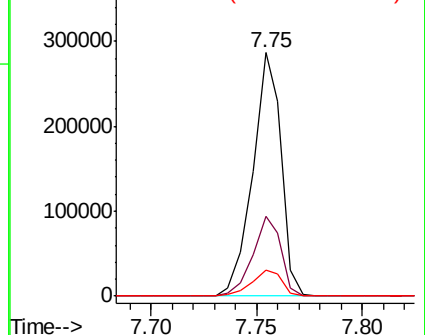
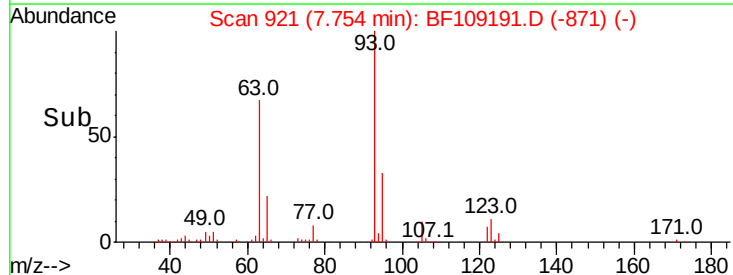


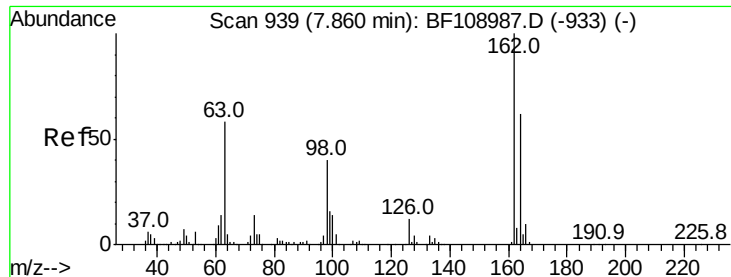
#28
bis(2-Chloroethoxy)methane
Concen: 32.265 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion: 93 Resp: 268581
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.5 9.8 14.6



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

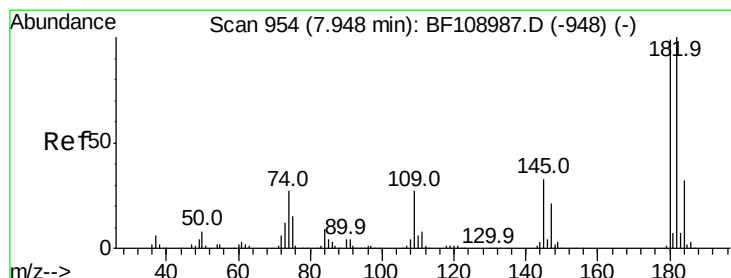
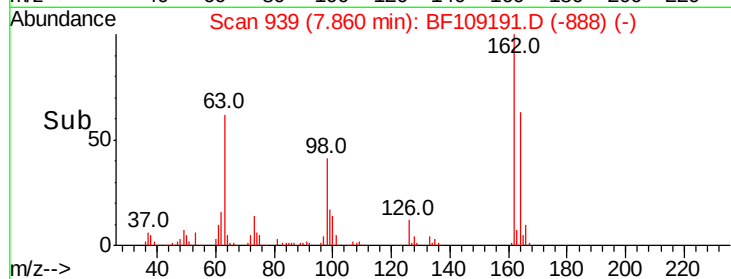
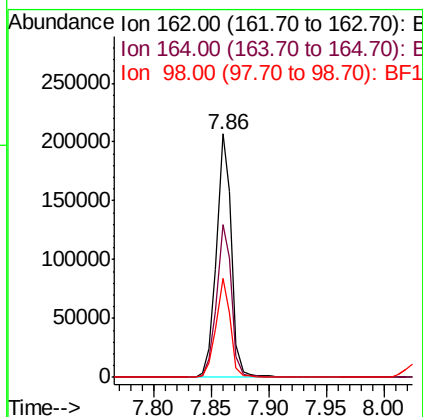
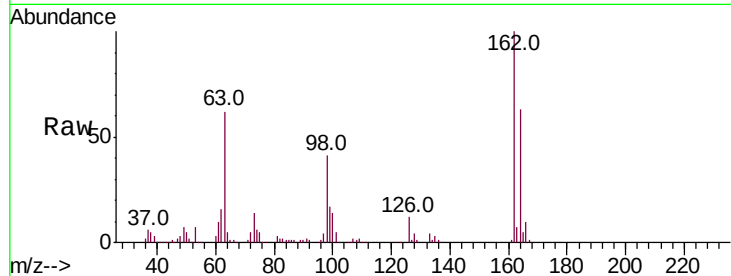




#29
2,4-Dichlorophenol
Concen: 32.222 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

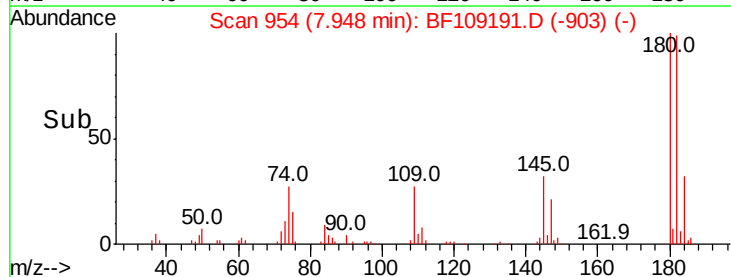
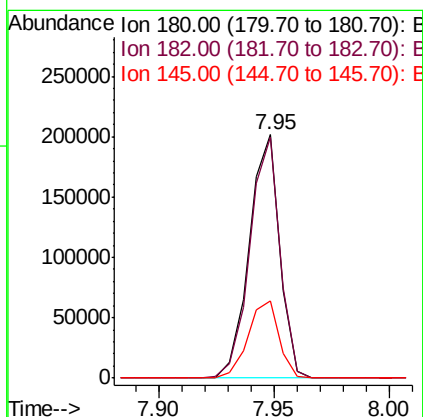
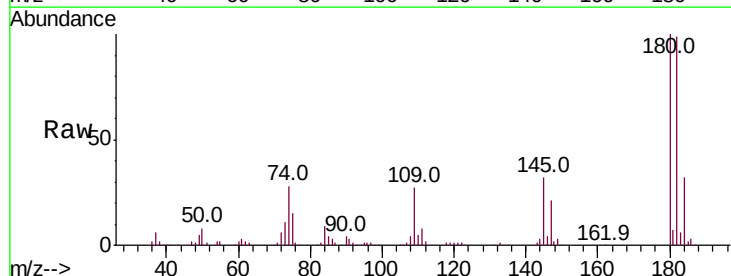
Instrument :
BNA_F
ClientSampled :

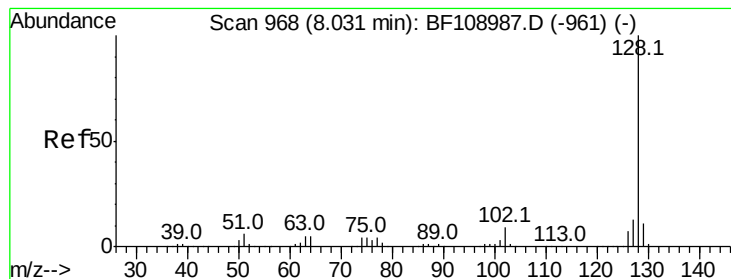
Tot Ion:162 Resp: 186601
Ion Ratio Lower Upper
162 100
164 62.9 42.7 82.7
98 40.5 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 29.658 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:180 Resp: 185654
Ion Ratio Lower Upper
180 100
182 98.8 76.8 115.2
145 31.8 26.5 39.7





#31

Naphthalene

Concen: 33.094 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

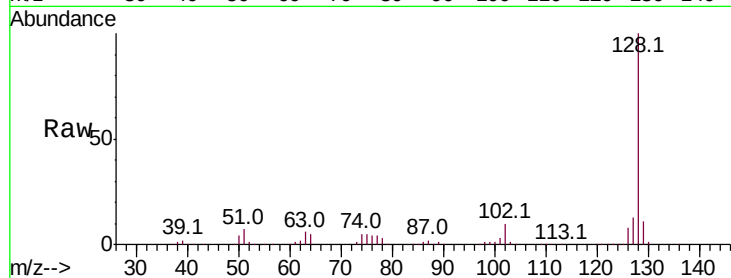
Tot Ion:128 Resp: 619960

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

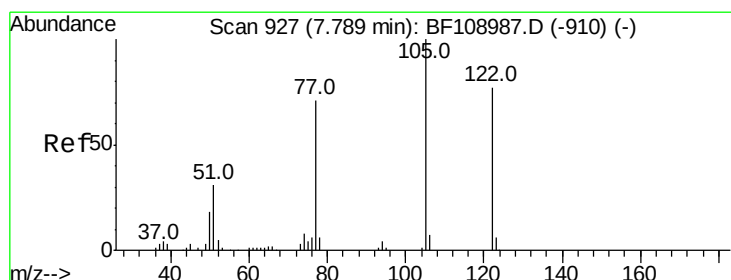
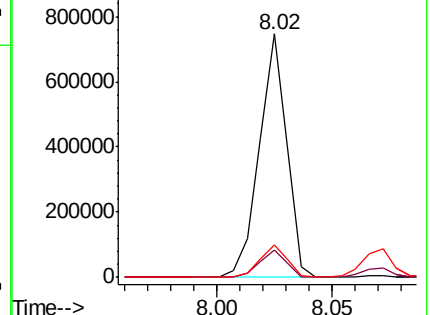
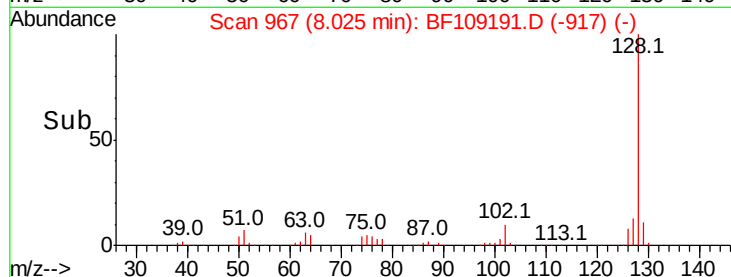
127 13.3 10.9 16.3



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: 13.278 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

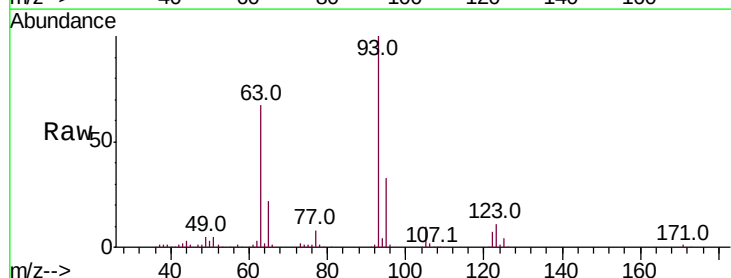
Tgt Ion:122 Resp: 47150

Ion Ratio Lower Upper

122 100

105 134.2 101.1 141.1

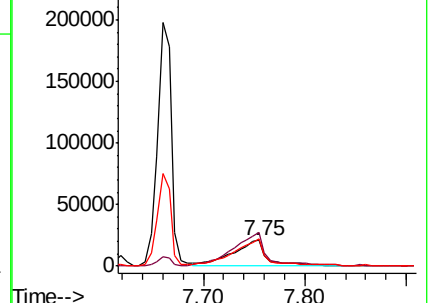
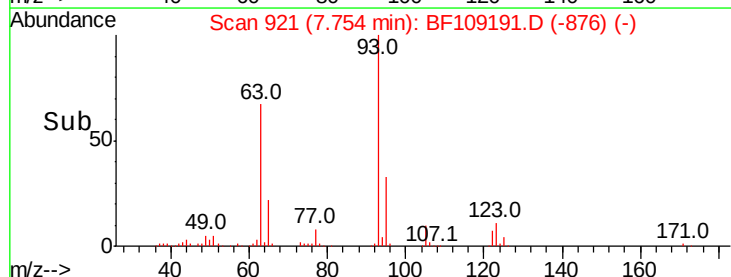
77 108.5 70.7 110.7

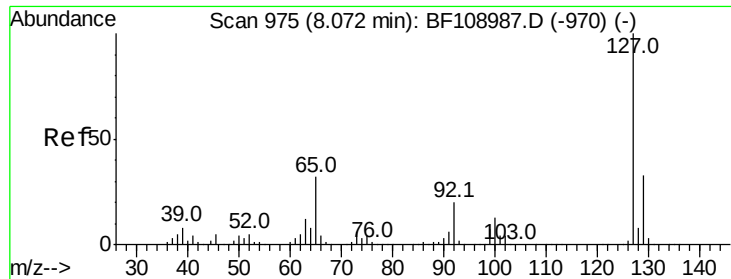


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

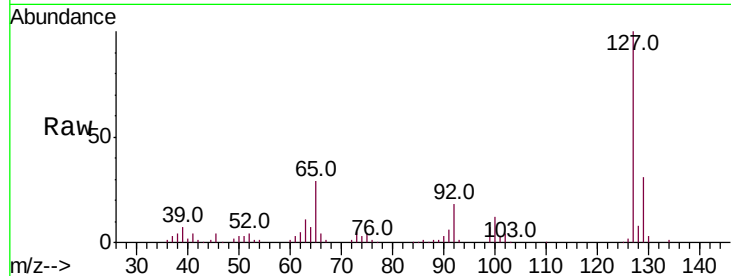




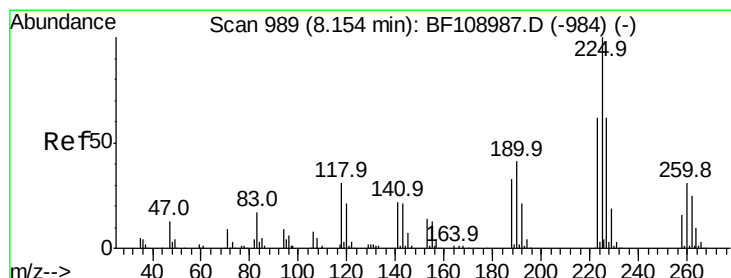
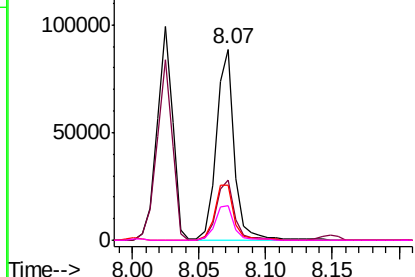
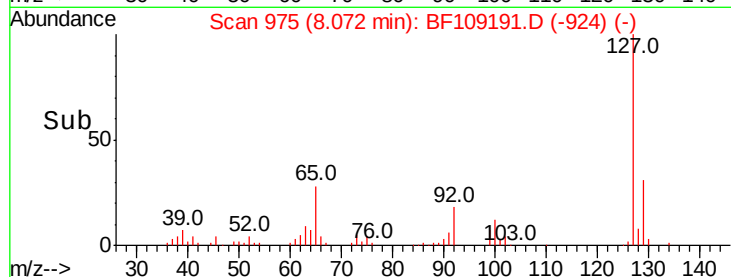
#33
4-Chloroaniline
Concen: 10.130 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	84375
Ion Ratio	Lower	Upper
127 100		
129 31.3	25.9	38.9
65 28.9	25.0	37.4
92 18.1	15.2	22.8

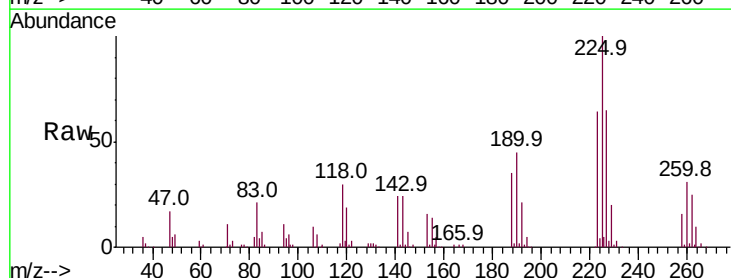


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

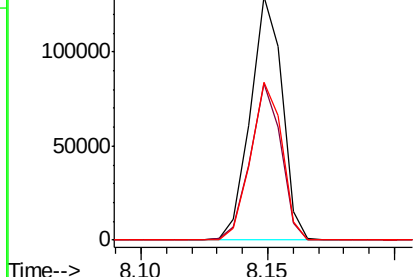
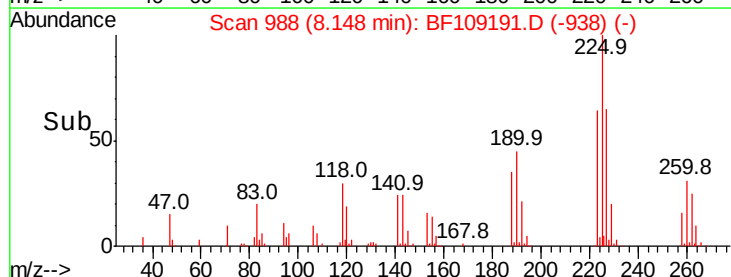


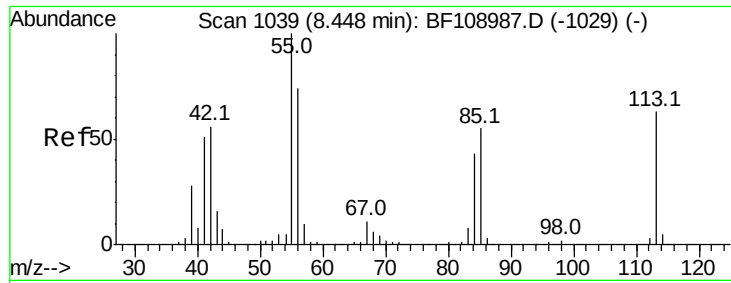
#34
Hexachlorobutadiene
Concen: 29.713 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:225	Resp:	113552
Ion Ratio	Lower	Upper
225 100		
223 64.1	50.6	76.0
227 64.7	51.9	77.9



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

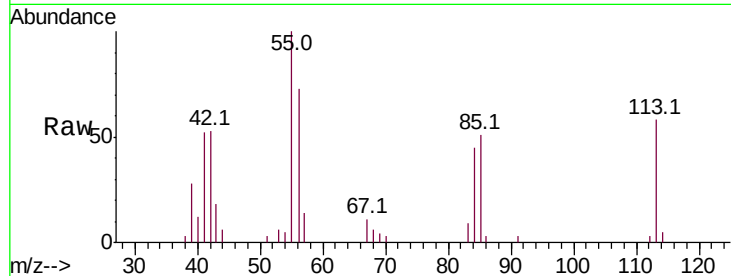




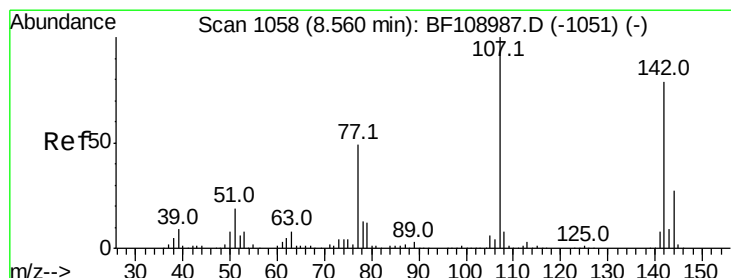
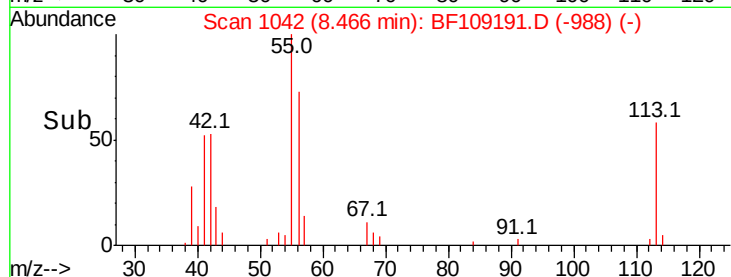
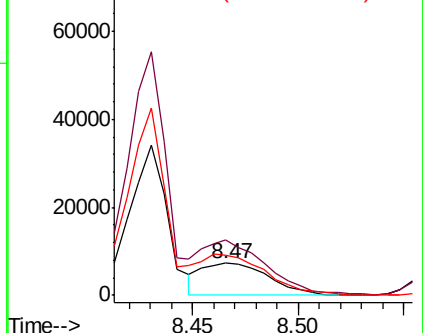
#35
 Caprolactam
 Concen: 8.475 ng
 RT: 8.47 min Scan# 1042
 Delta R.T. 0.02 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 16001
 Ion Ratio Lower Upper
 113 100
 55 173.2 163.3 203.3
 56 125.9 115.7 155.7

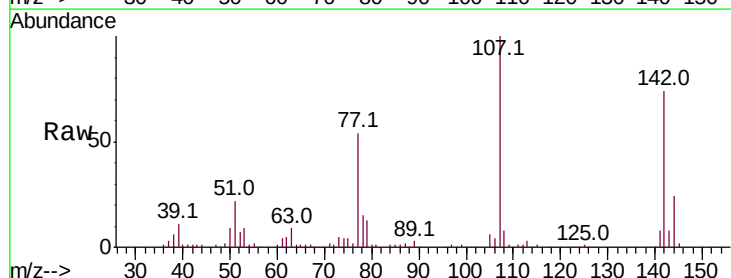


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

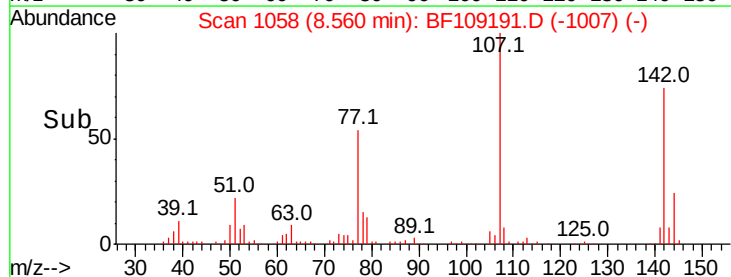
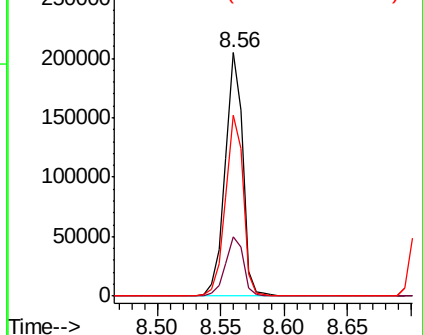


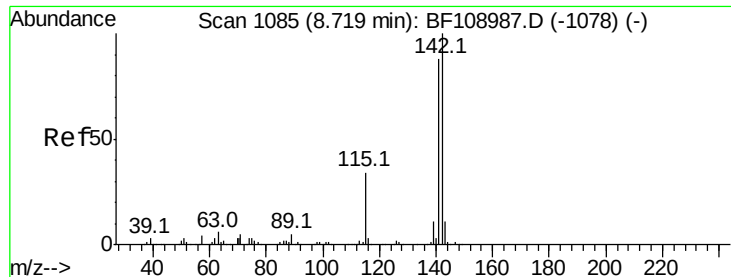
#36
 4-Chloro-3-methylphenol
 Concen: 32.381 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion:107 Resp: 197403
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.5 30.7
 142 74.2 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 33.748 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

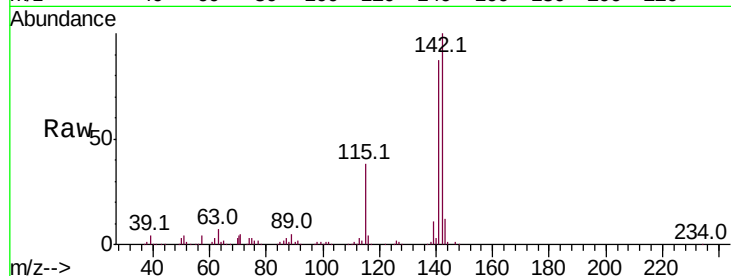
Tot Ion:142 Resp: 412120

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

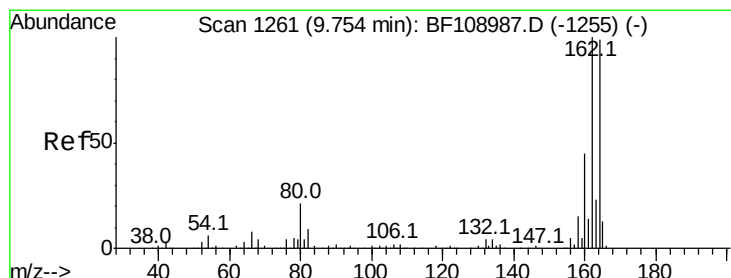
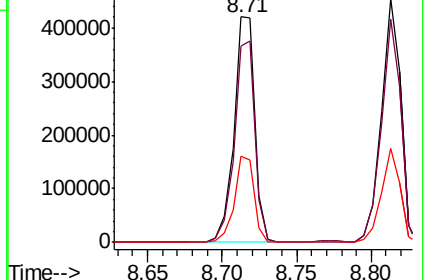
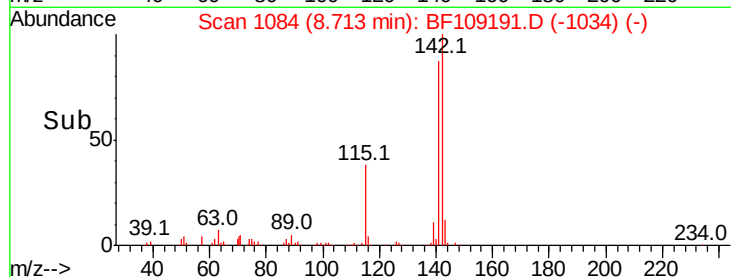
115 38.0 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

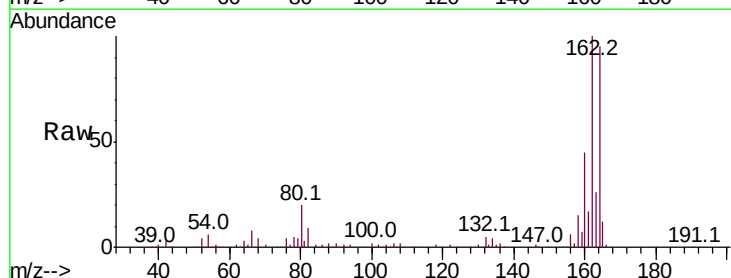
Tgt Ion:164 Resp: 182452

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

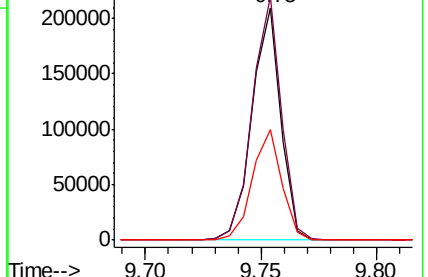
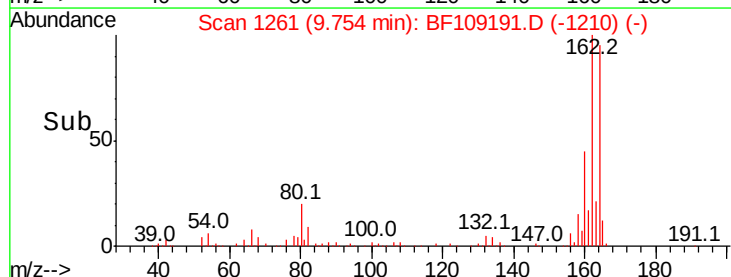
160 47.5 38.3 57.5

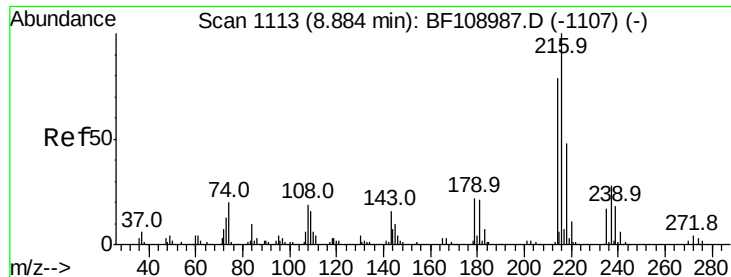


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

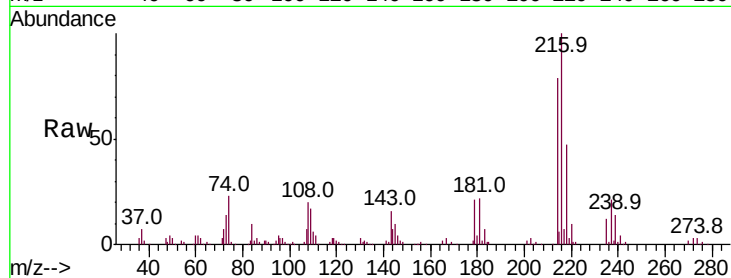




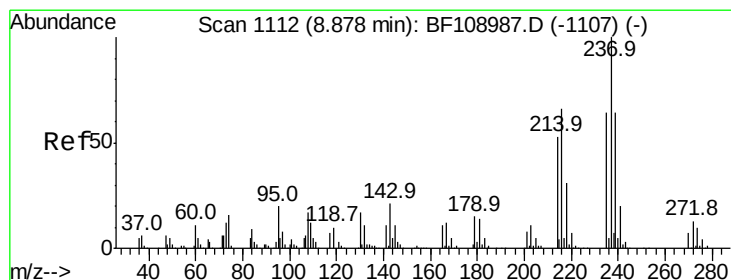
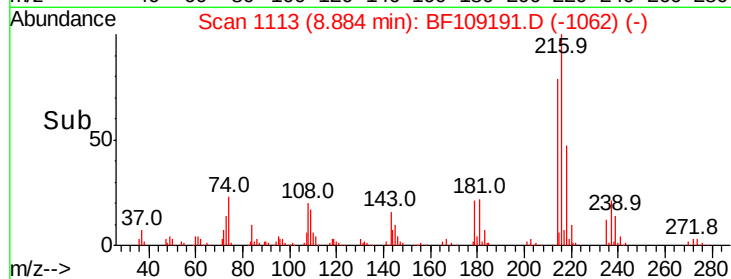
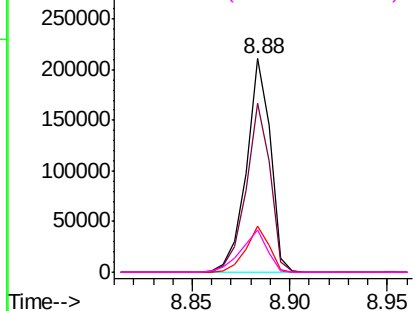
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.277 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	179609
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.9	18.1	27.1
108	21.6	17.2	25.8

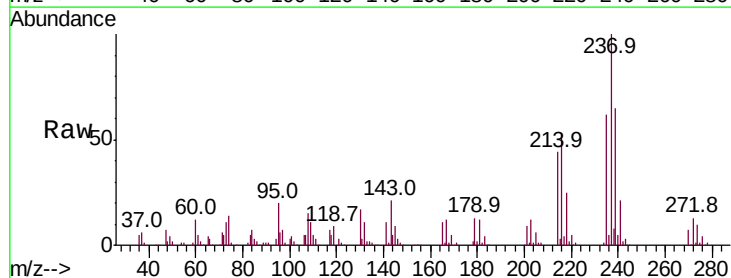


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

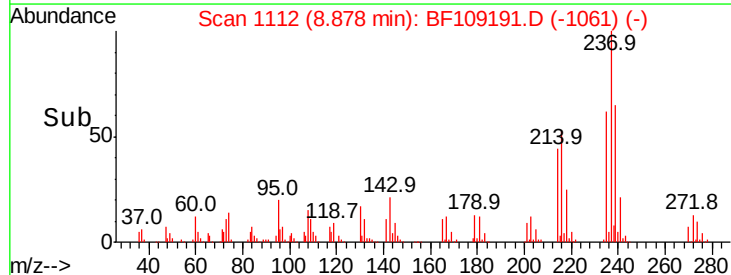
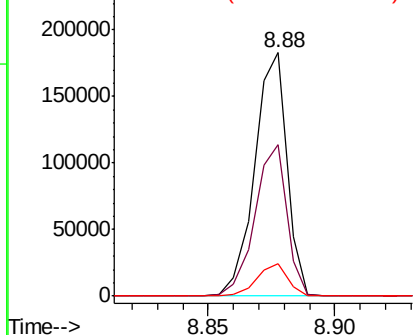


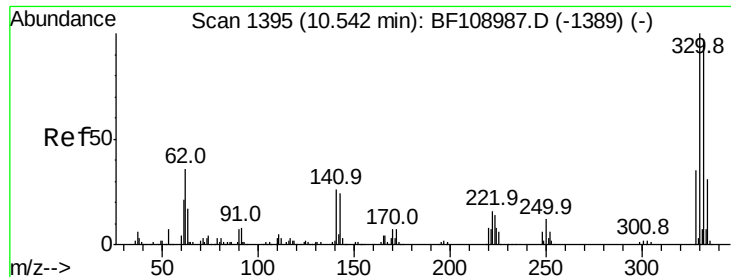
#40
 Hexachlorocyclopentadiene
 Concen: 56.408 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion:	237	Resp:	163205
Ion	Ratio	Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.3	0.0	33.3



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

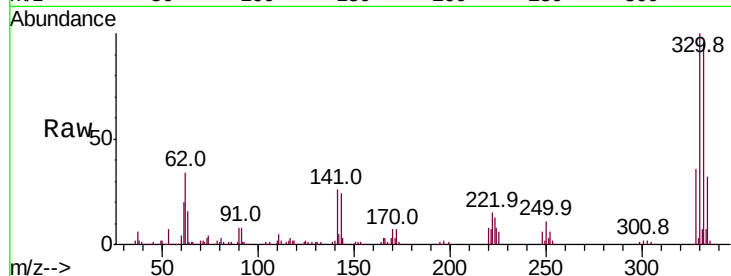




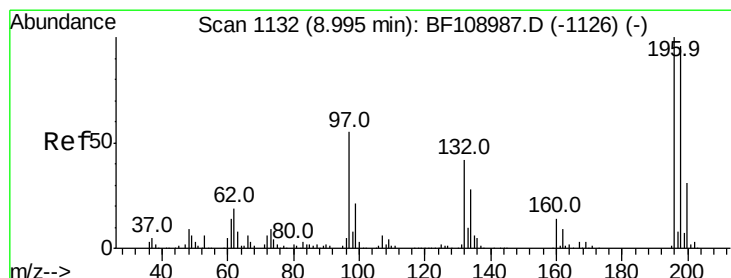
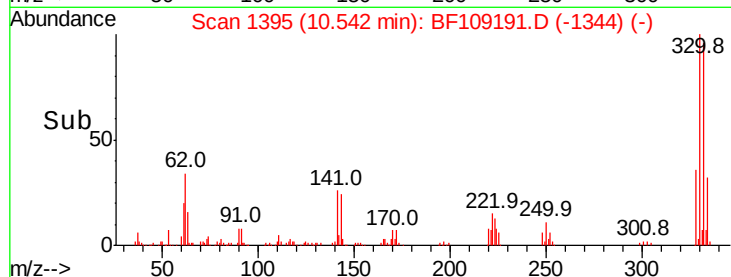
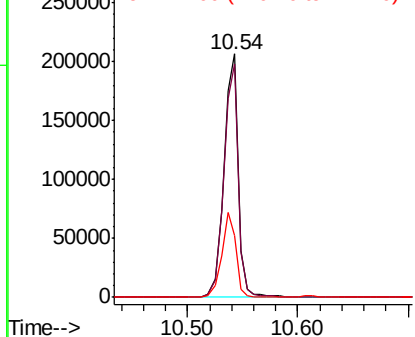
#41
 2,4,6-Tribromophenol
 Concen: 94.751 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.3	29.9	44.9

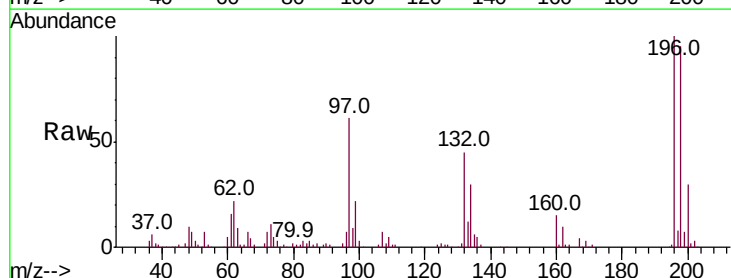


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

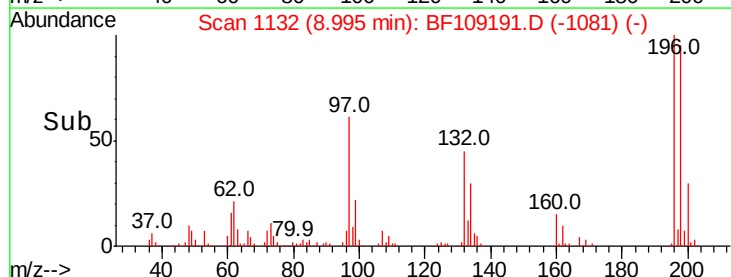
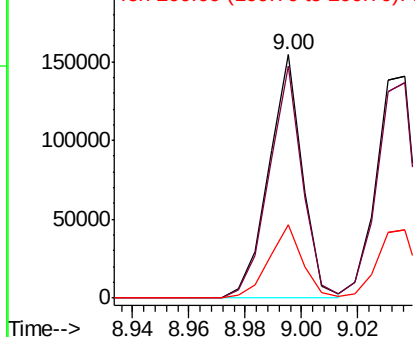


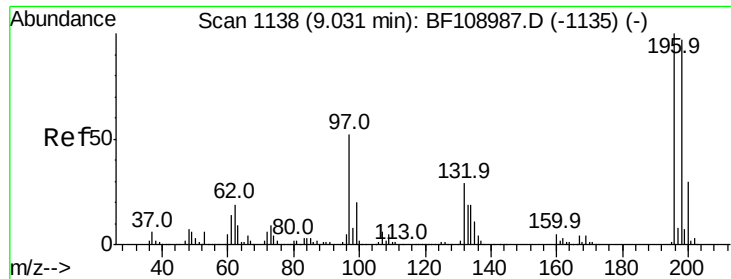
#42
 2,4,6-Trichlorophenol
 Concen: 33.090 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	30.1	24.5	36.7



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

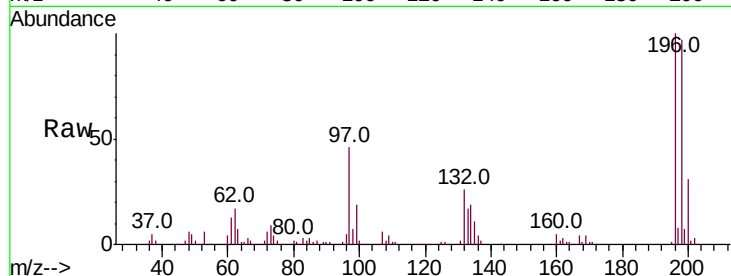




#43
 2,4,5-Trichlorophenol
 Concen: 33.877 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	46.5	42.9	64.3
132	26.1	26.3	39.5



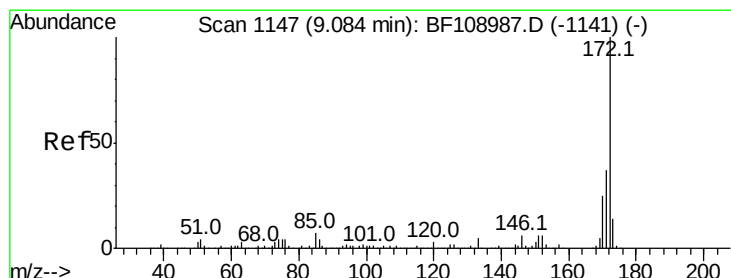
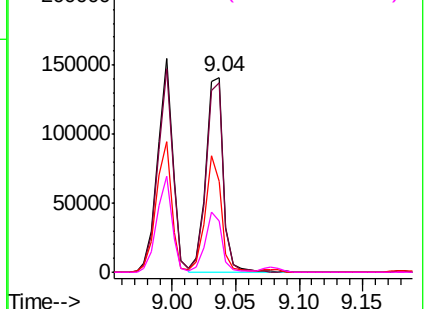
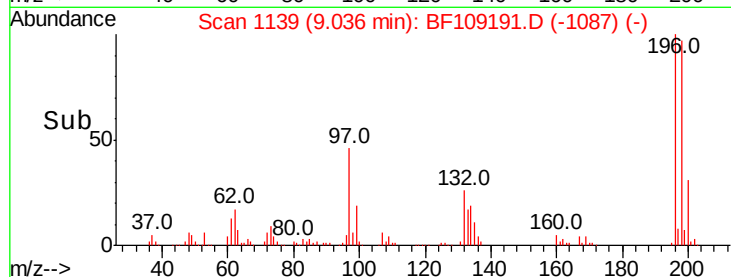
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

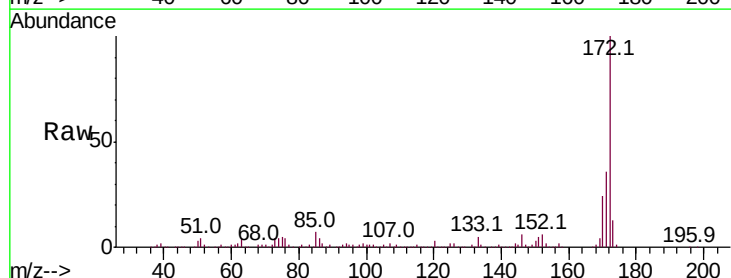
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.927 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

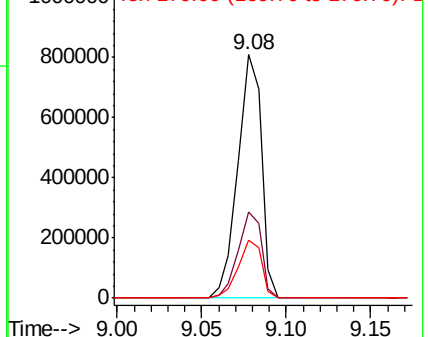
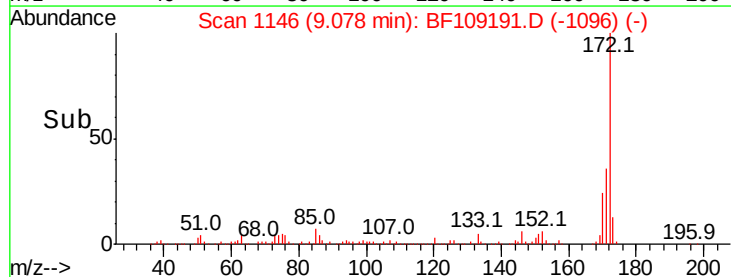


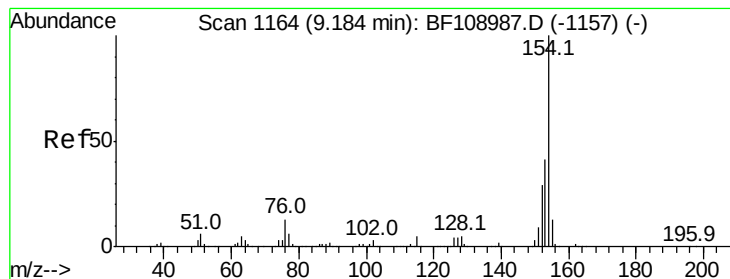
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.512 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

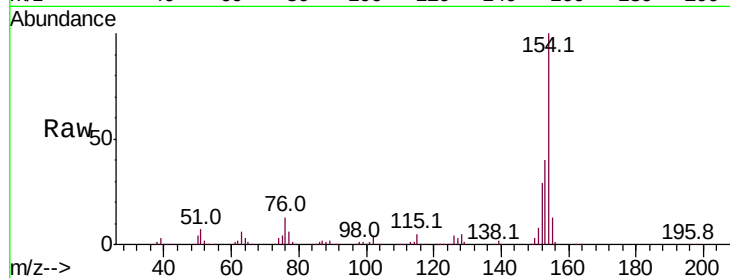
Tot Ion:154 Resp: 489164

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

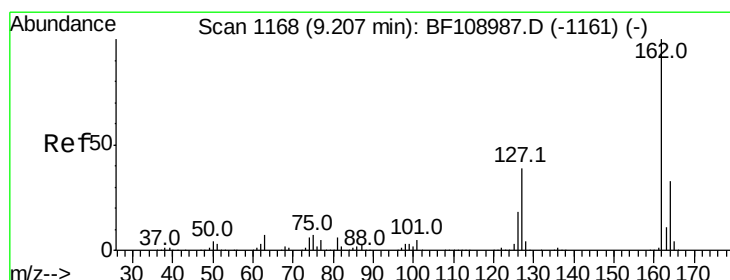
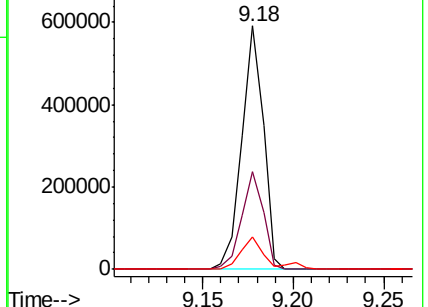
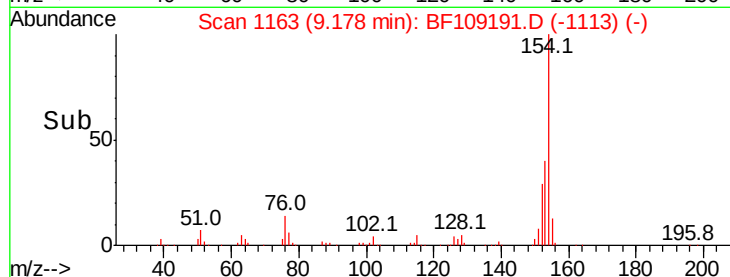
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 30.781 ng

RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

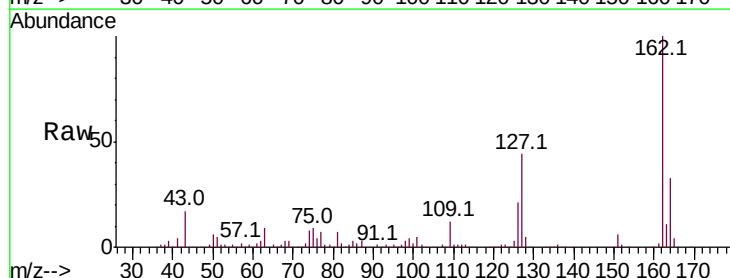
Tgt Ion:162 Resp: 359832

Ion Ratio Lower Upper

162 100

127 44.3 33.9 50.9

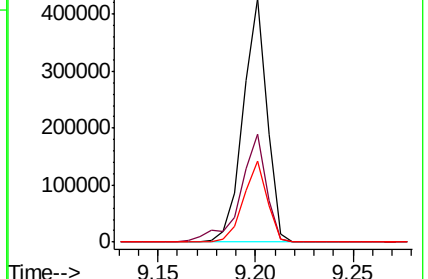
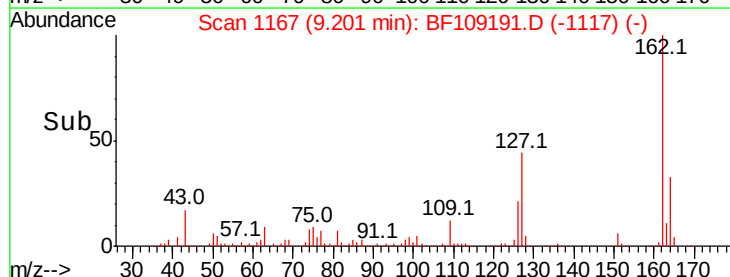
164 33.2 26.5 39.7

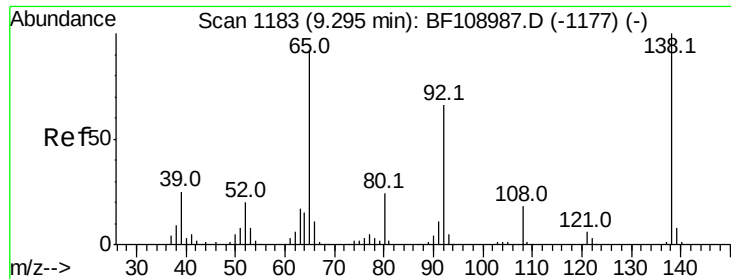


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

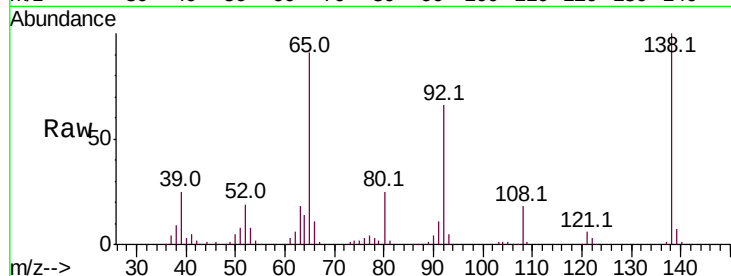




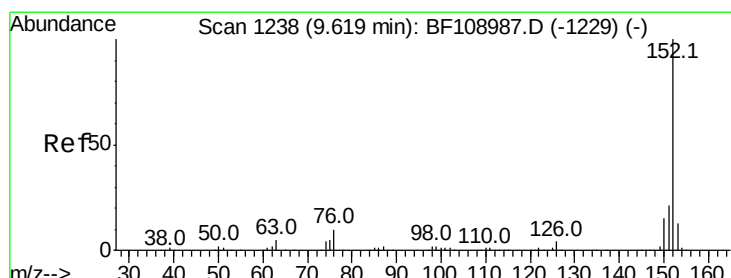
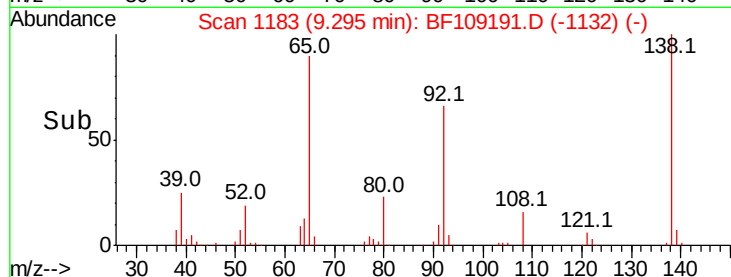
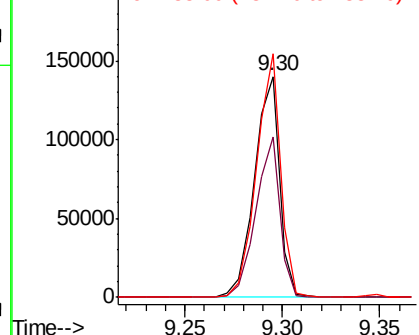
#47
2-Nitroaniline
Concen: 34.660 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 124563
Ion Ratio Lower Upper
65 100
92 72.8 55.8 83.6
138 110.3 91.2 136.8

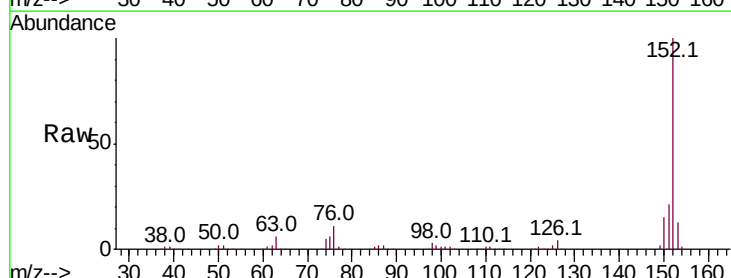


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

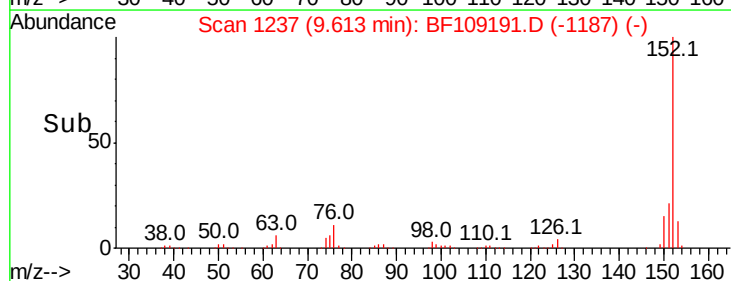
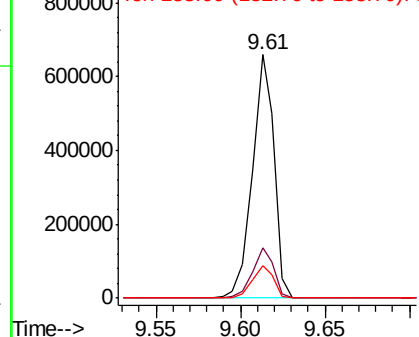


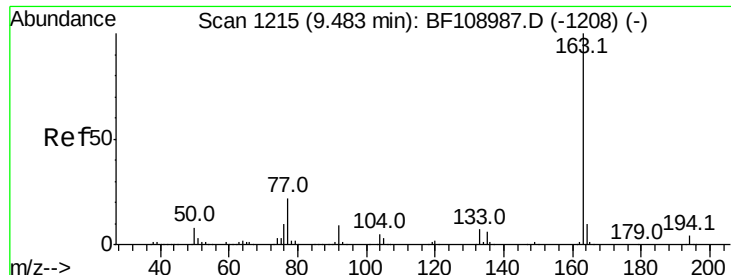
#48
Acenaphthylene
Concen: 33.500 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion: 152 Resp: 590446
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.7 16.1



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

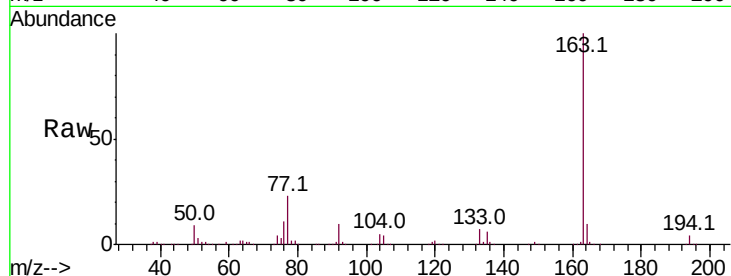




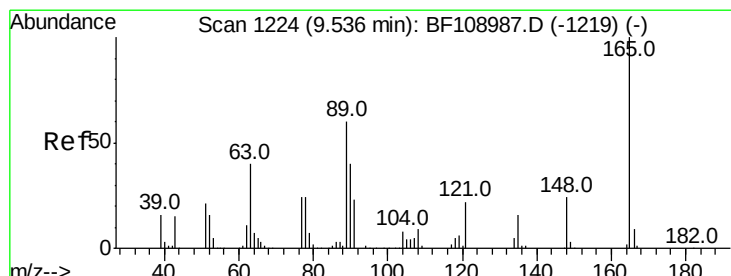
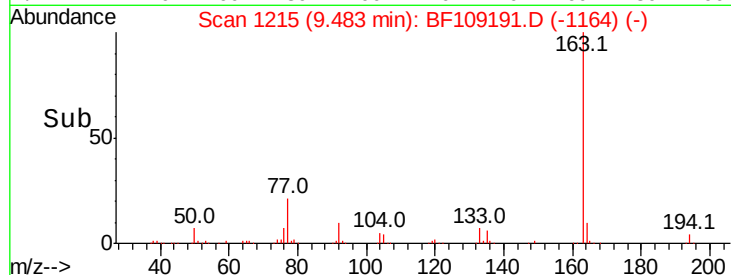
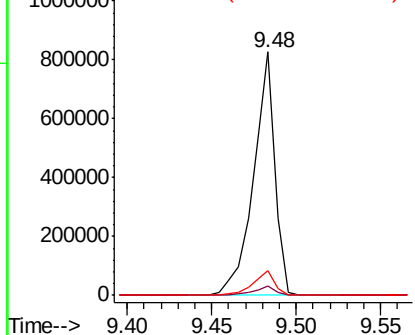
#49
Dimethylphthalate
Concen: 56.347 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 734787
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

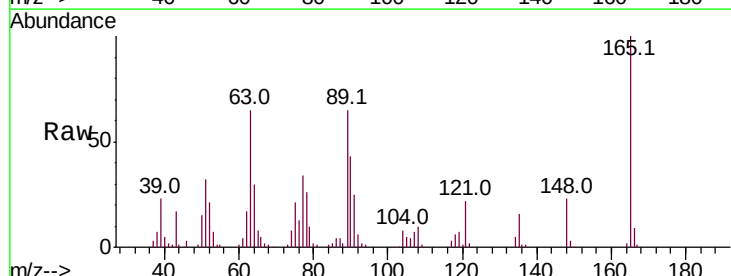


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

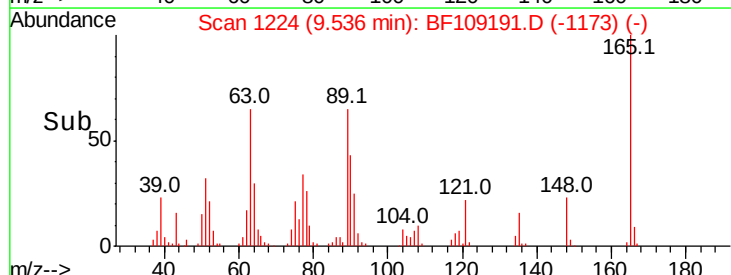
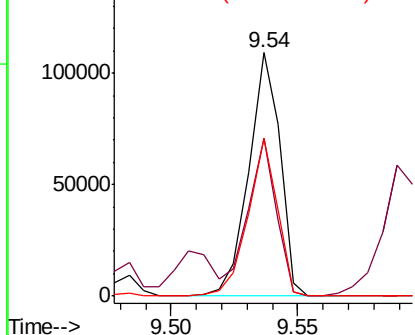


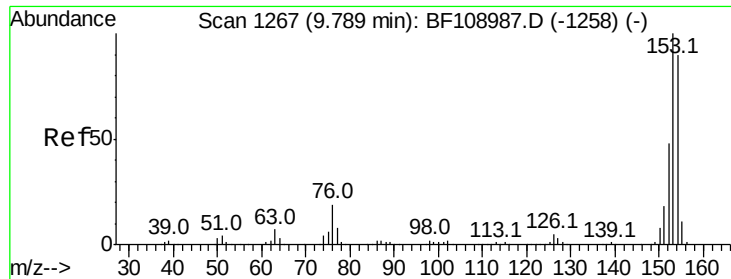
#50
2,6-Dinitrotoluene
Concen: 32.483 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:165 Resp: 93938
Ion Ratio Lower Upper
165 100
63 64.8 44.7 67.1
89 64.9 44.0 66.0



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





#51

Acenaphthene

Concen: 32.827 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampled :

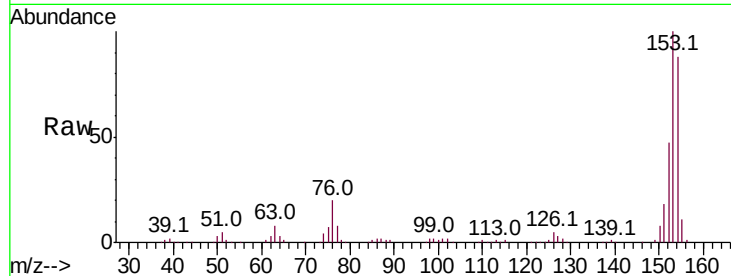
Tot Ion:154 Resp: 360280

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

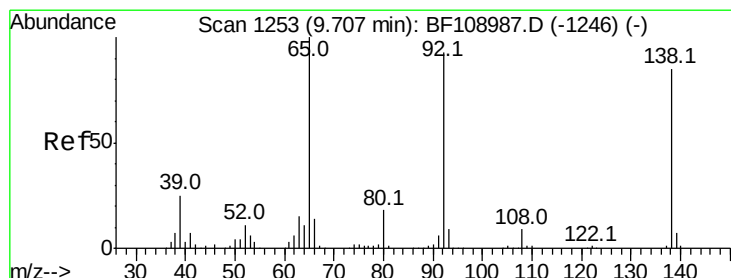
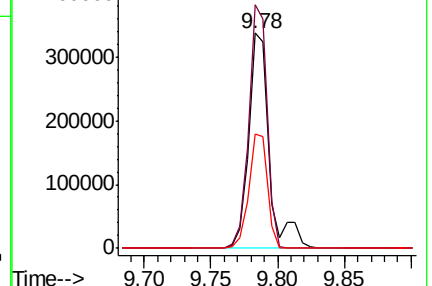
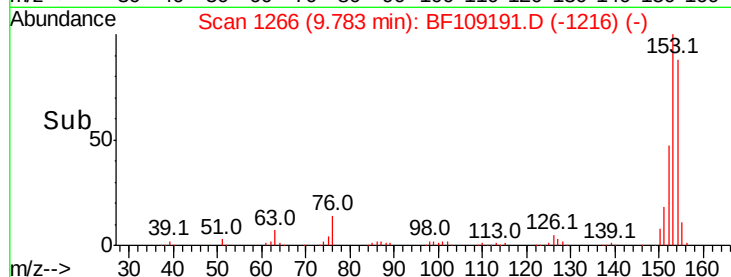
152 53.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.875 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

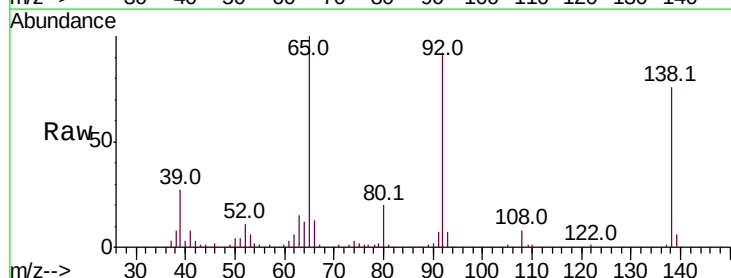
Tgt Ion:138 Resp: 60871

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

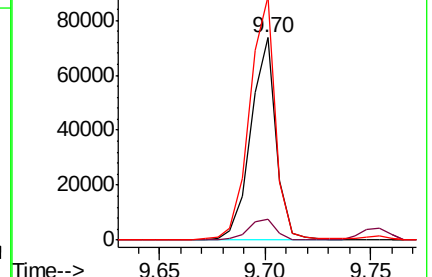
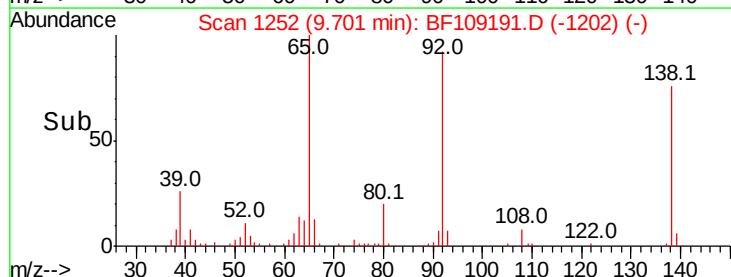
92 120.5 89.4 134.2

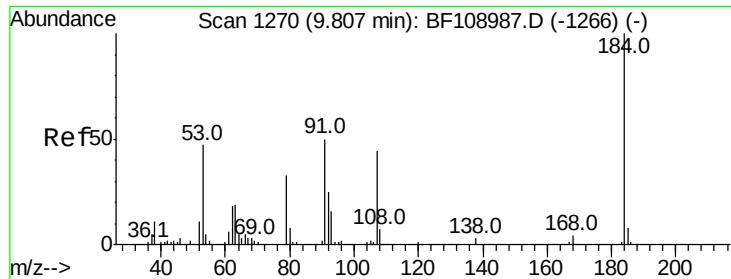


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

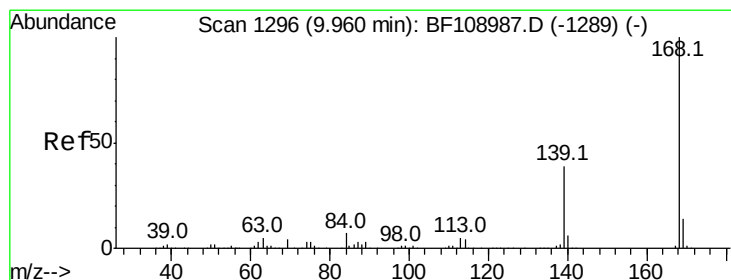
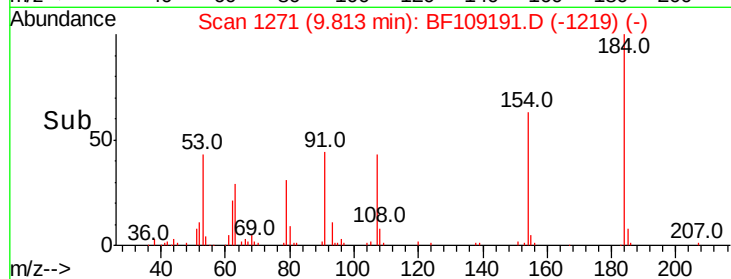
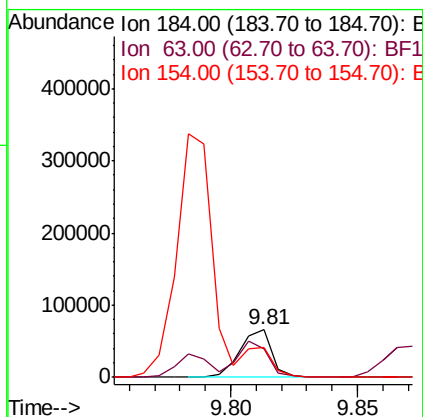
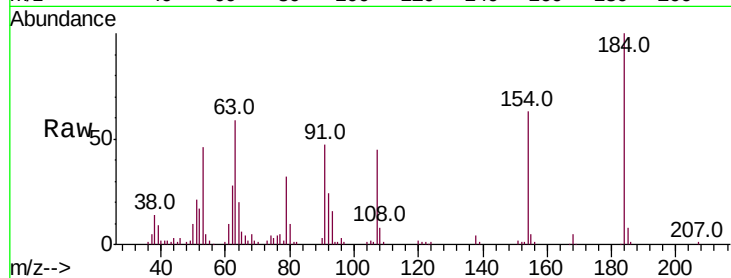




#53
 2,4-Dinitrophenol
 Concen: 52.083 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

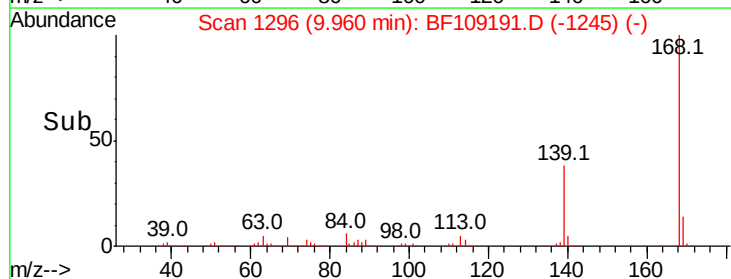
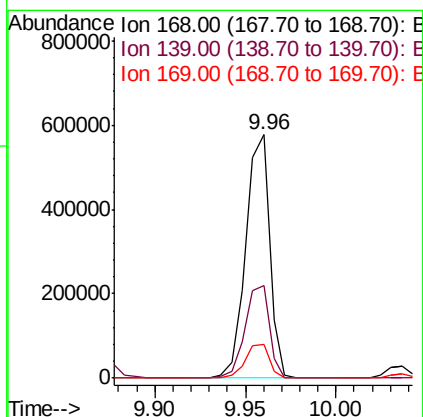
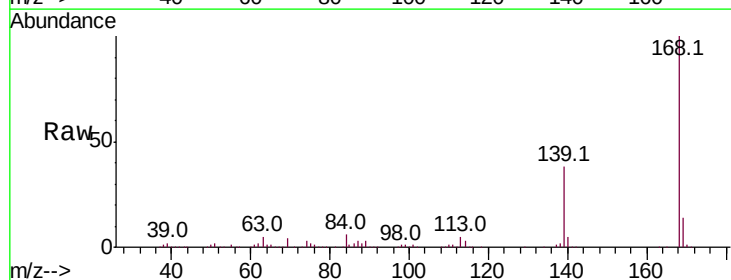
Instrument :
 BNA_F
 ClientSampleId :

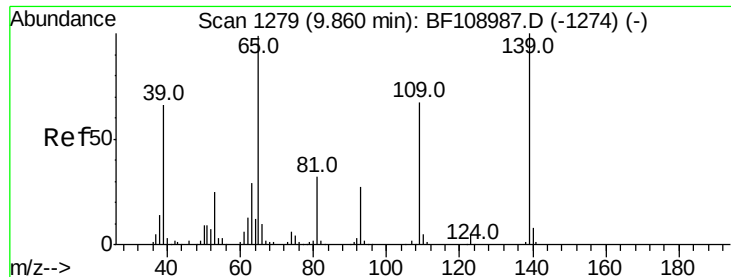
Tot Ion:184 Resp: 58049
 Ion Ratio Lower Upper
 184 100
 63 59.5 54.2 81.2
 154 62.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.371 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion:168 Resp: 529267
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.9 10.9 16.3

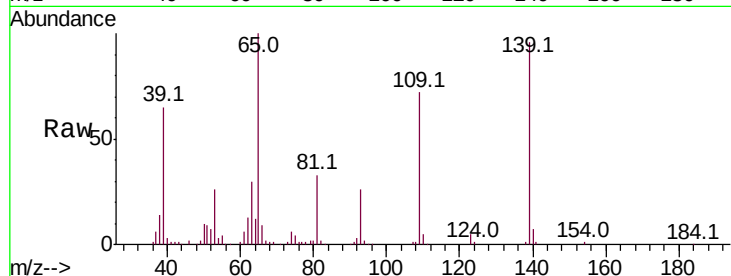




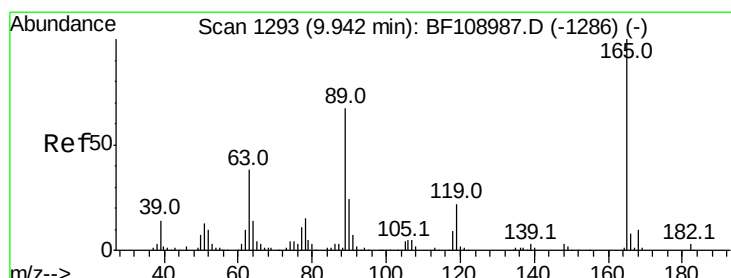
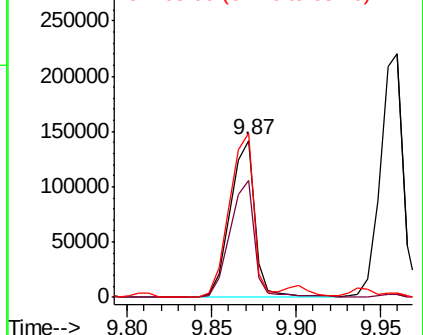
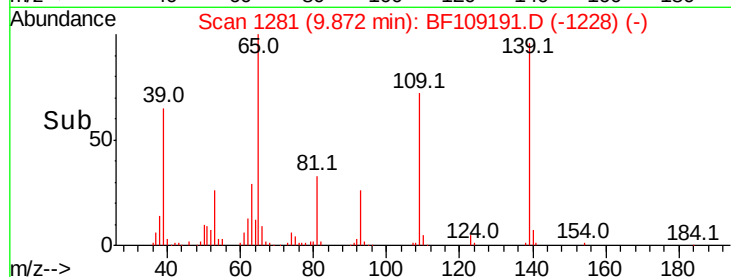
#55
4-Nitrophenol
Concen: 57.373 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 143947
Ion Ratio Lower Upper
139 100
109 74.8 48.4 88.4
65 104.5 72.6 112.6

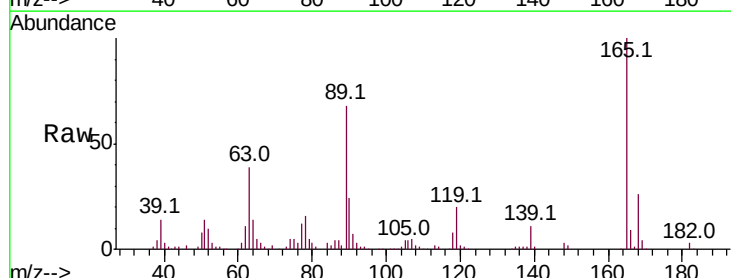


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

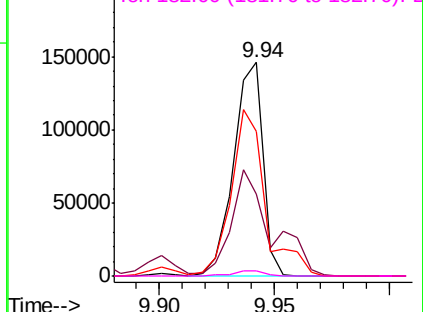
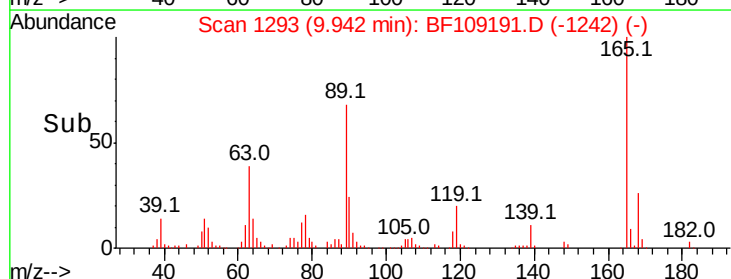


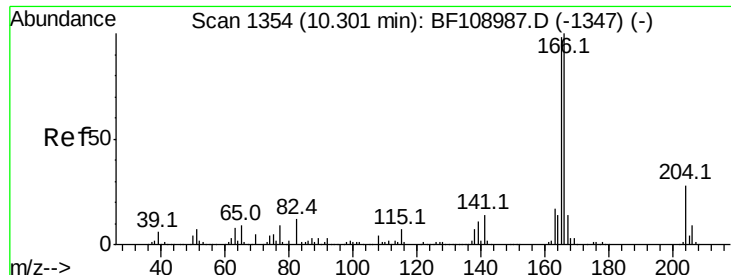
#56
2,4-Dinitrotoluene
Concen: 34.417 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:165 Resp: 130168
Ion Ratio Lower Upper
165 100
63 38.7 36.4 54.6
89 67.9 57.8 86.6
182 2.6 1.6 2.4#



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

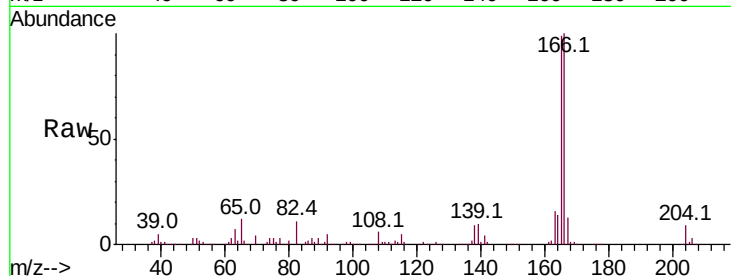




#57
 Fluorene
 Concen: 36.723 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	12.9	10.6	16.0

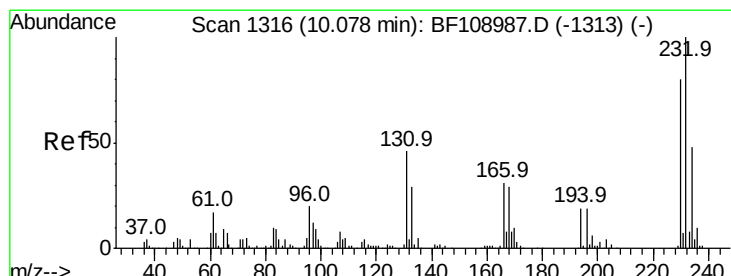
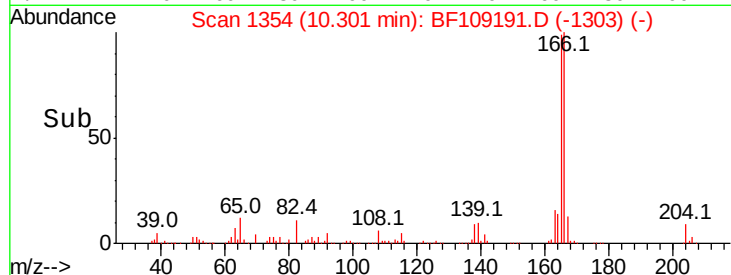
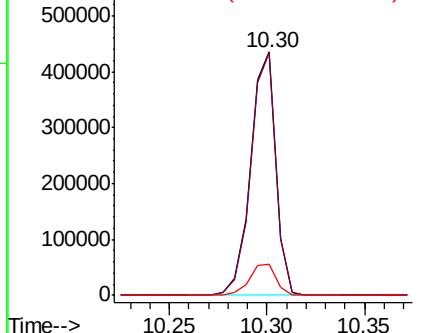


Abundance

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



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.596 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.5	43.8	65.8
130	2.4	2.1	3.1
166	32.2	27.8	41.6

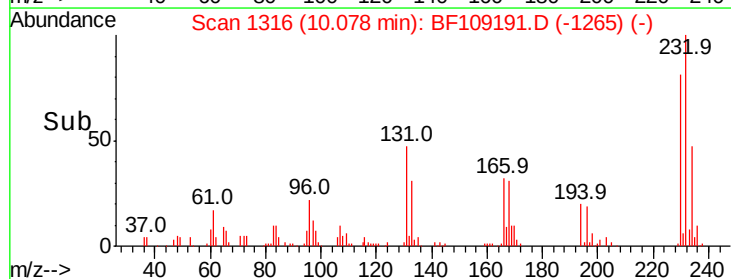
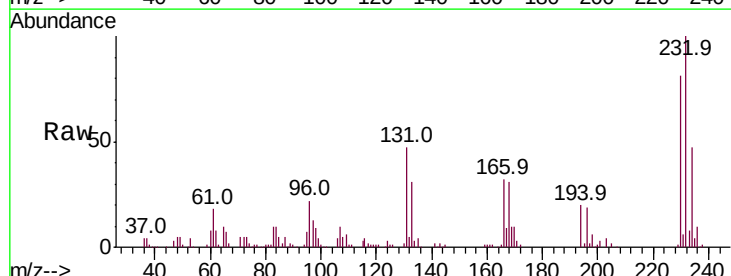
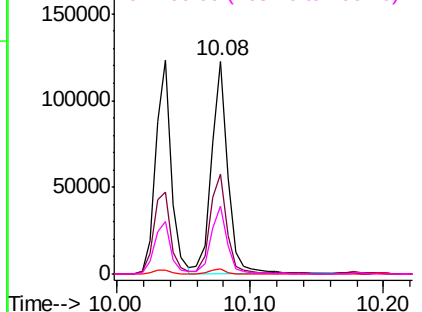
Abundance

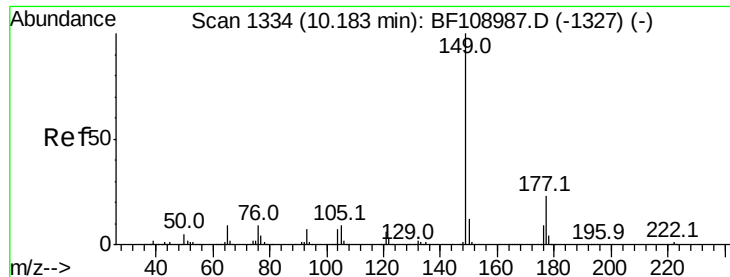
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

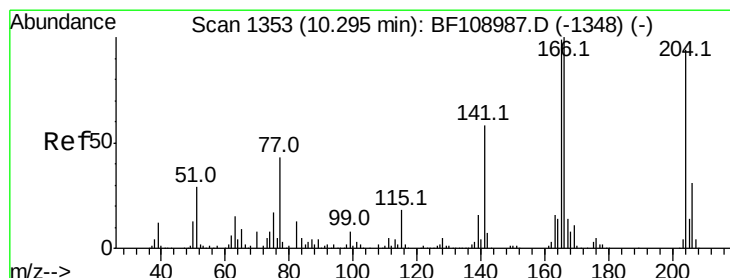
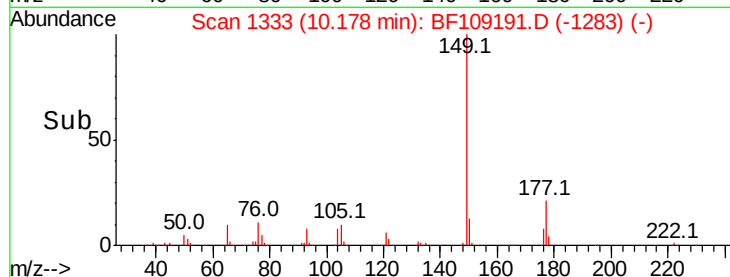
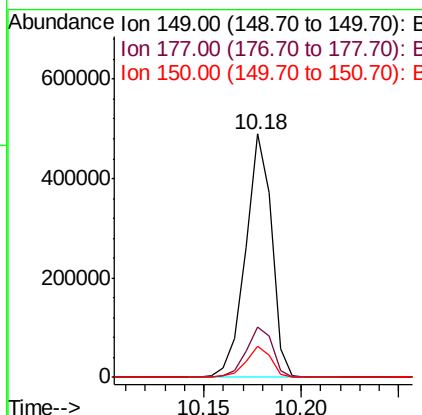
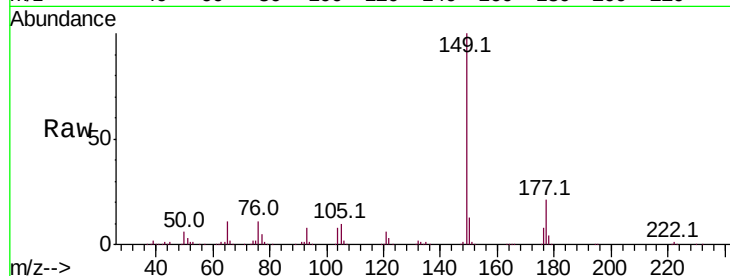




#59
Diethylphthalate
Concen: 34.438 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

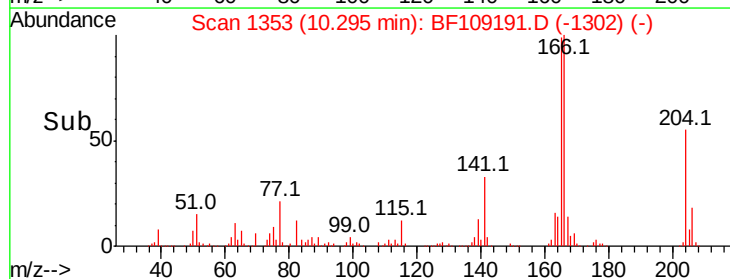
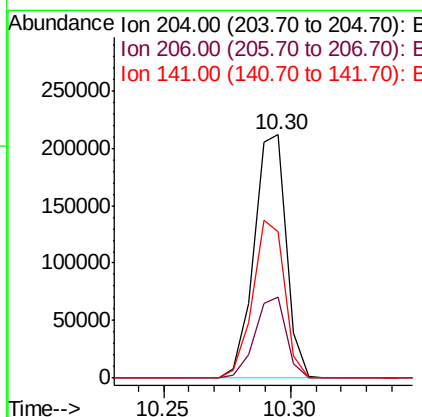
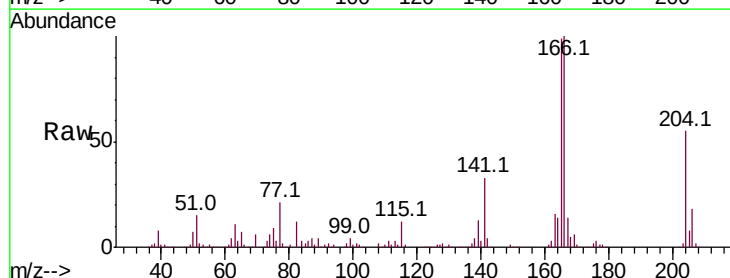
Instrument :
BNA_F
ClientSampleId :

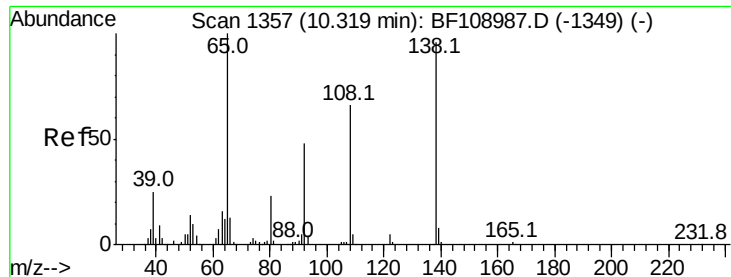
Tot Ion:149 Resp: 453500
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.156 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion:204 Resp: 187647
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 59.9 54.6 81.8





#61

4-Nitroaniline

Concen: 30.972 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampled :

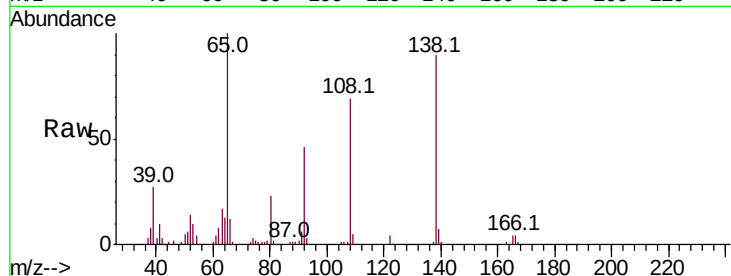
Tot Ion:138 Resp: 100205

Ion Ratio Lower Upper

138 100

92 51.6 30.2 70.2

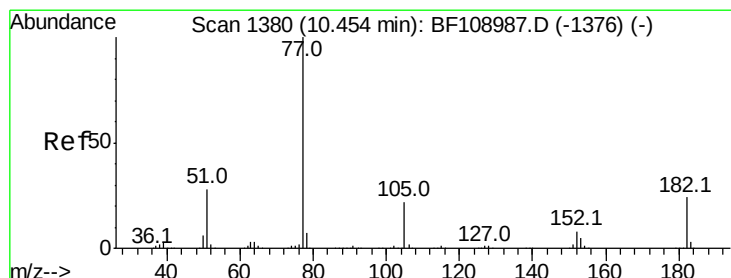
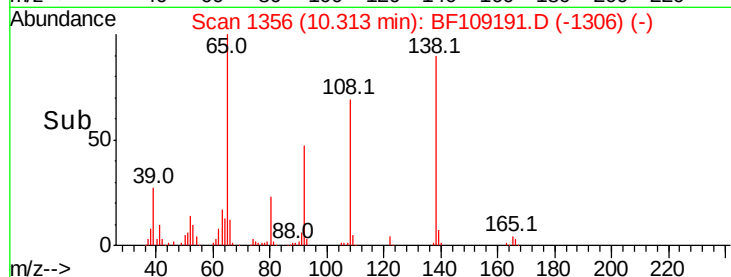
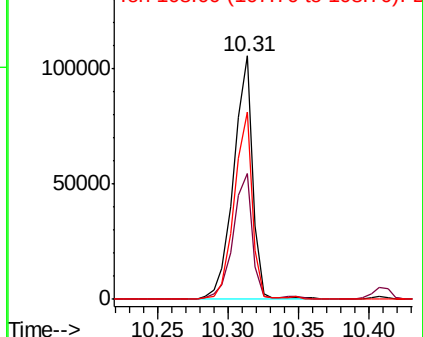
108 76.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.408 ng

RT: 10.45 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion: 77 Resp: 463810

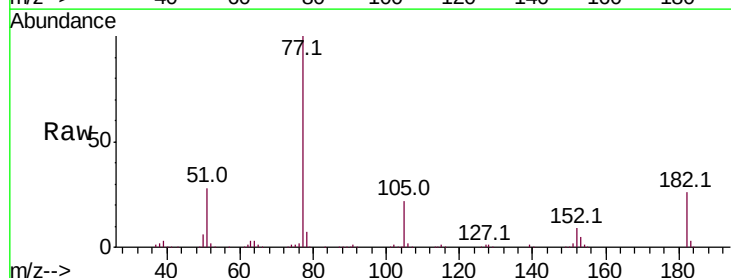
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 22.4 3.0 43.0

51 27.8 9.9 49.9

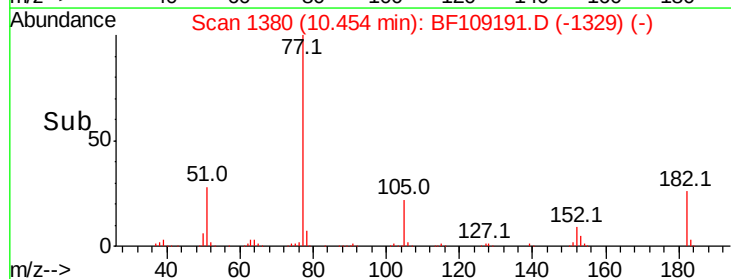
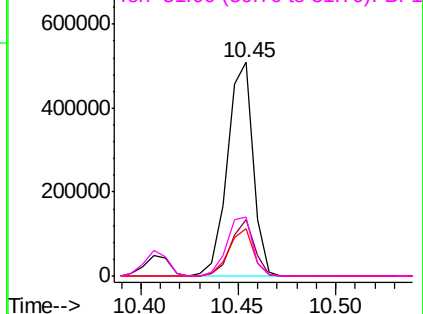


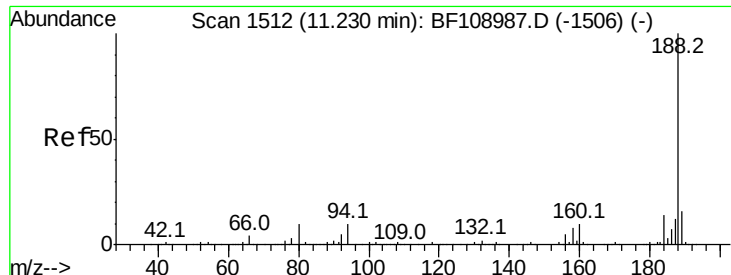
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

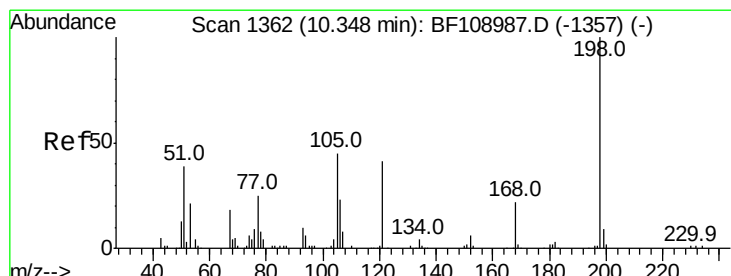
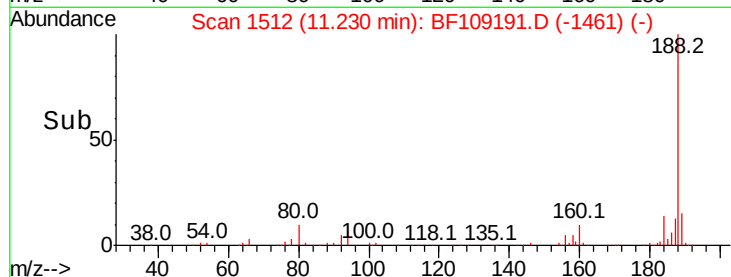
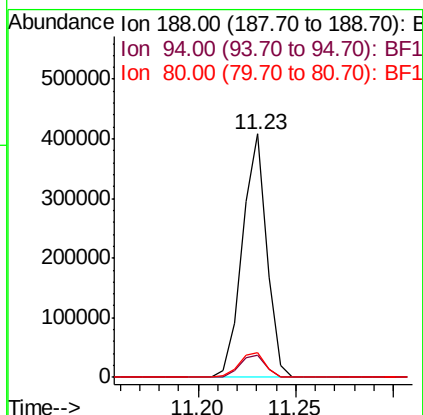
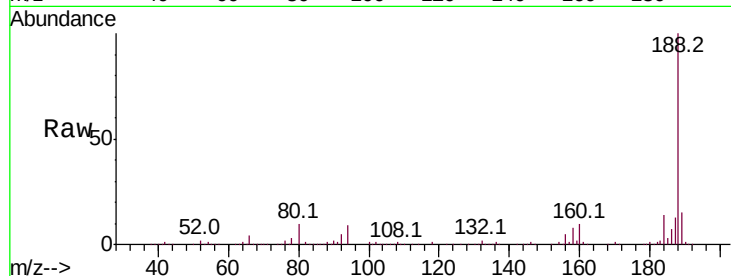




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

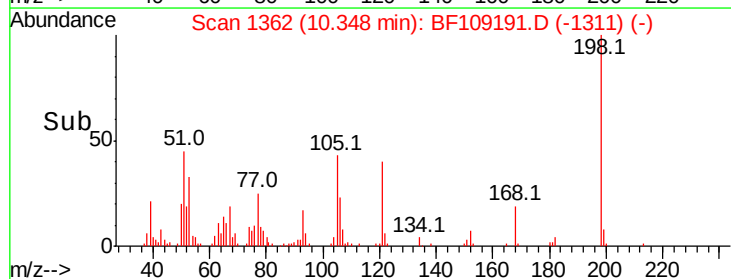
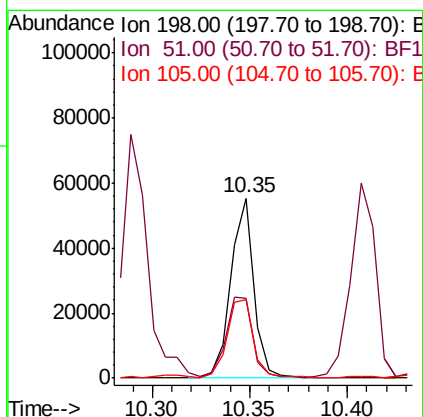
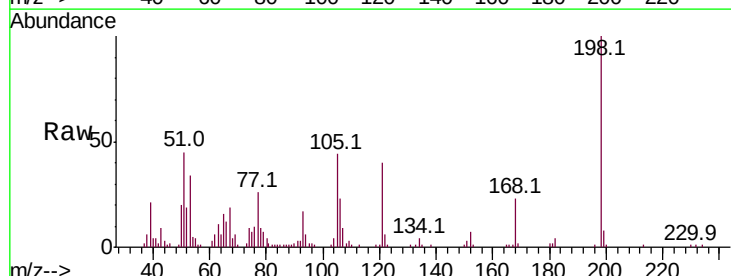
Instrument :
 BNA_F
 ClientSampleId :

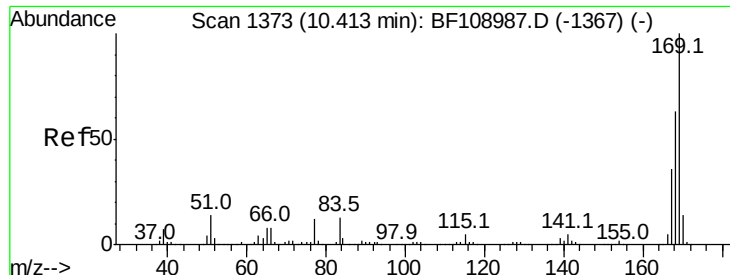
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.1	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.009 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.5	37.7	77.7
105	43.9	36.3	76.3

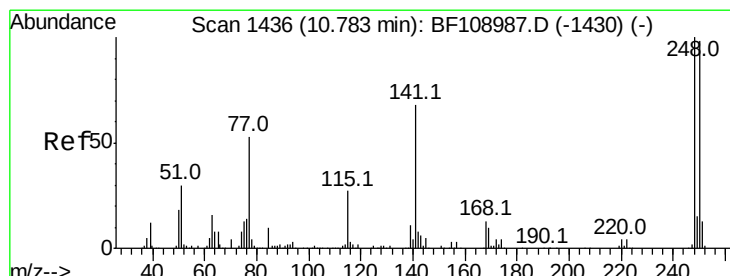
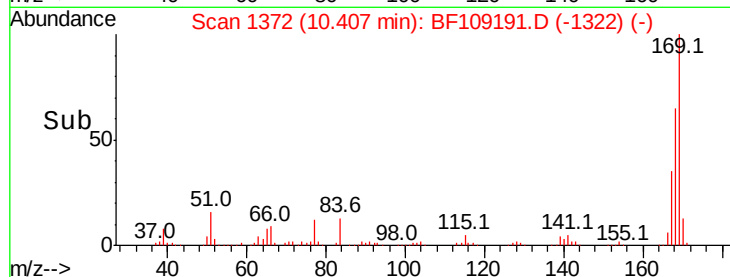
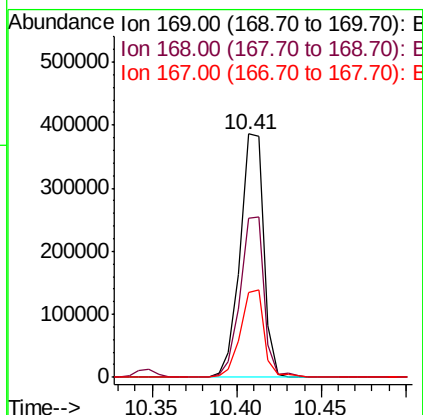
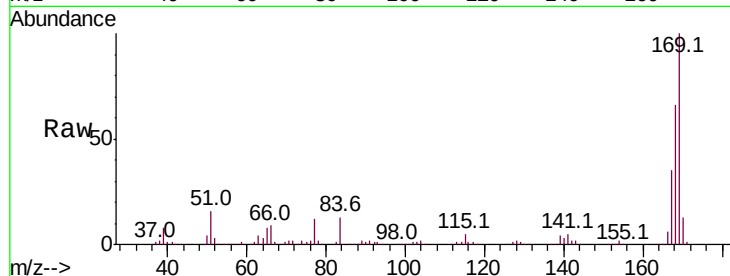




#65
 n-Nitrosodiphenylamine
 Concen: 32.729 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

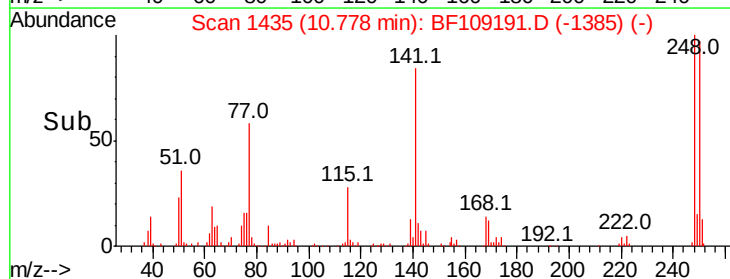
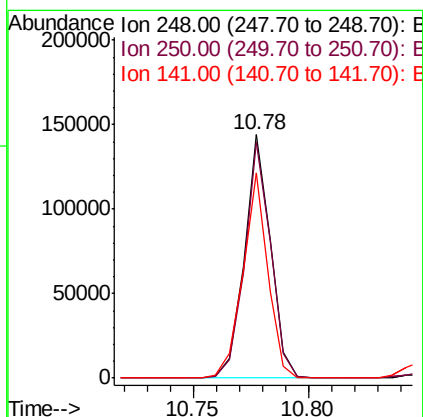
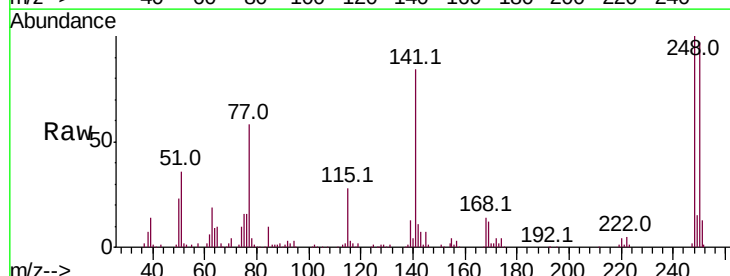
Instrument :
 BNA_F
 ClientSampleId :

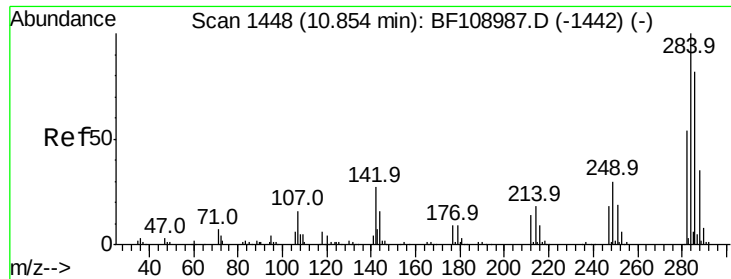
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.5	54.4	81.6
167	35.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 28.621 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	84.4	74.4	111.6

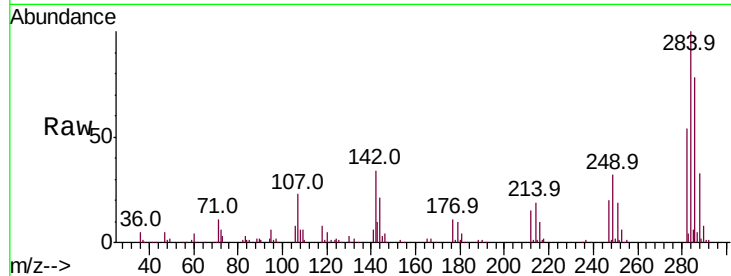




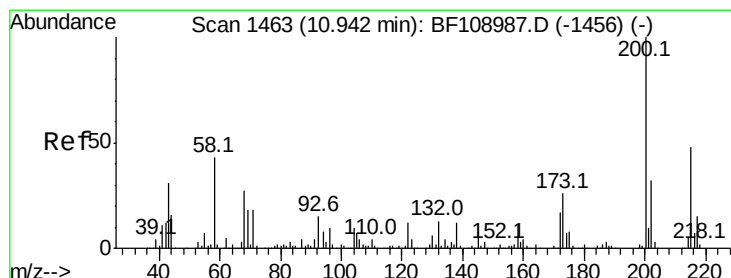
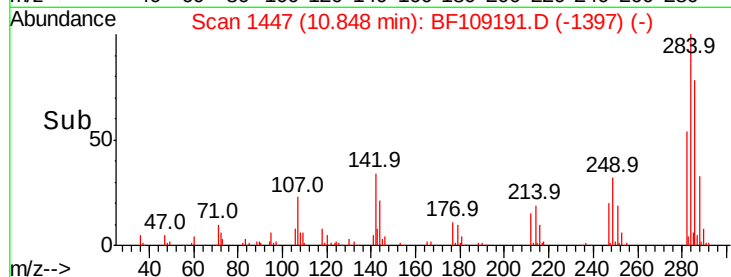
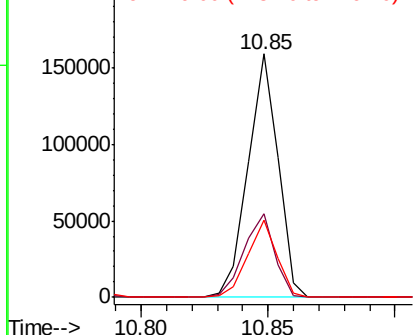
#67
Hexachlorobenzene
Concen: 31.044 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.1	34.6	52.0#
249	31.6	24.8	37.2

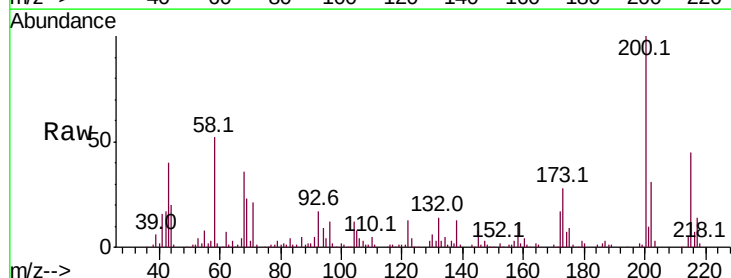


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

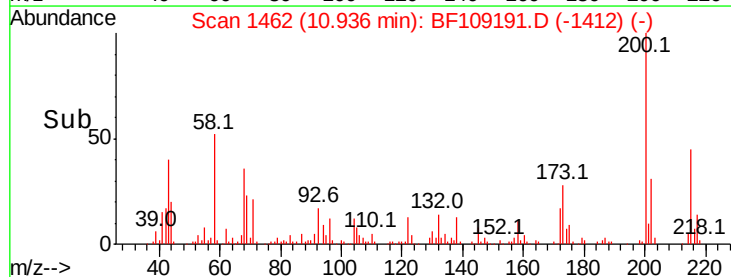
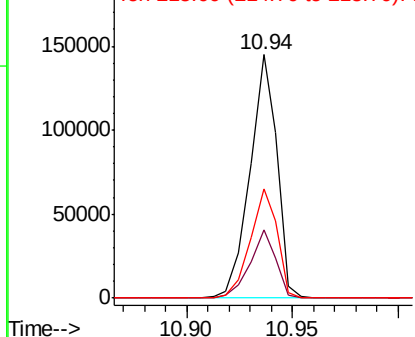


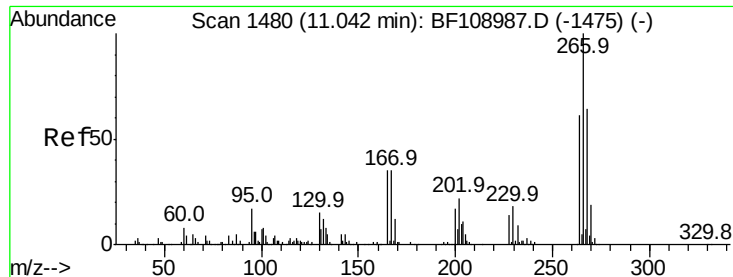
#68
Atrazine
Concen: 34.837 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	44.8	25.1	65.1



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

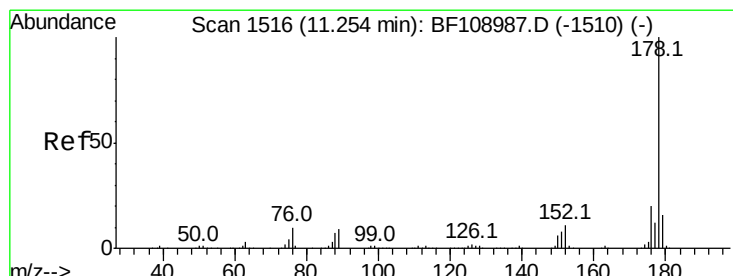
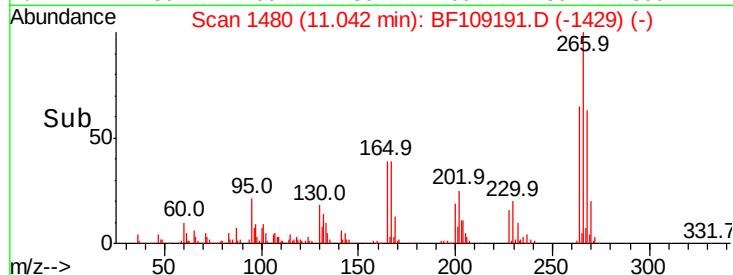
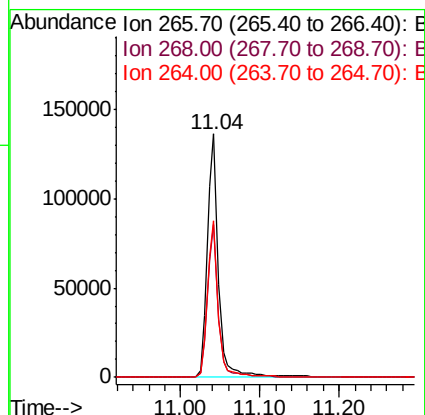
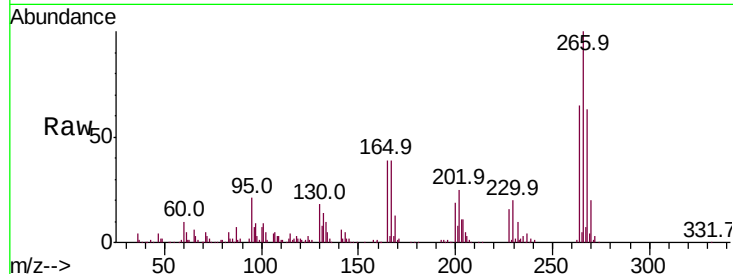




#69
 Pentachlorophenol
 Concen: 49.771 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

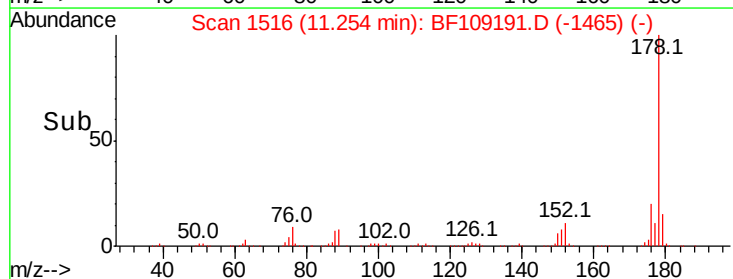
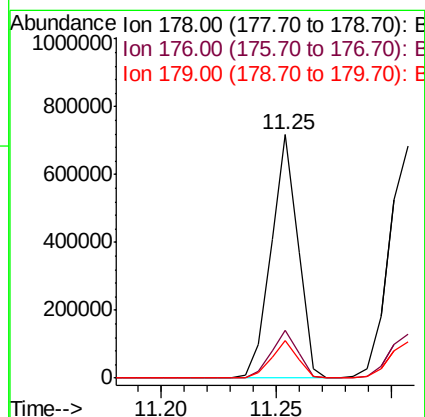
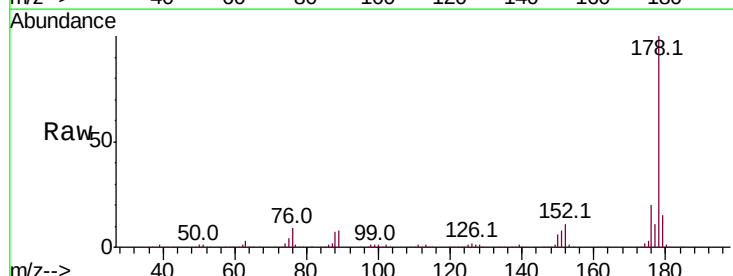
Instrument :
 BNA_F
 ClientSampleId :

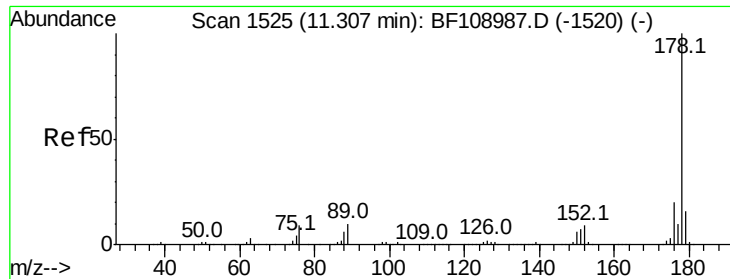
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	64.5	49.5	74.3



#70
 Phenanthrene
 Concen: 33.623 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6

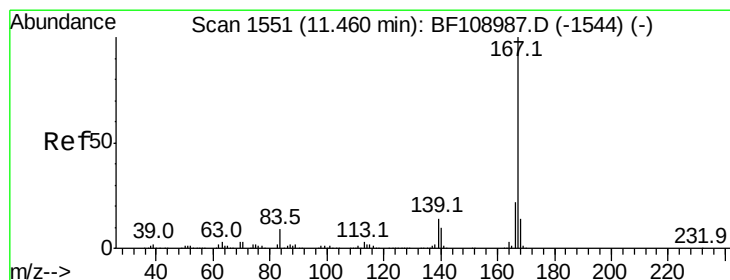
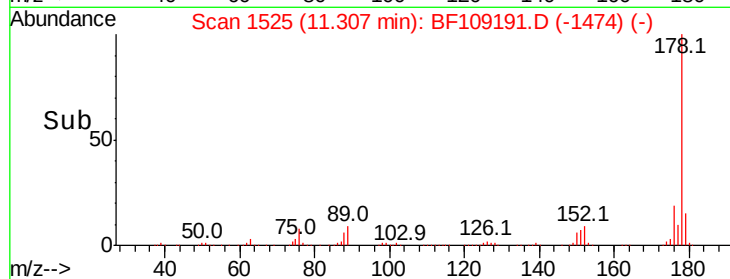
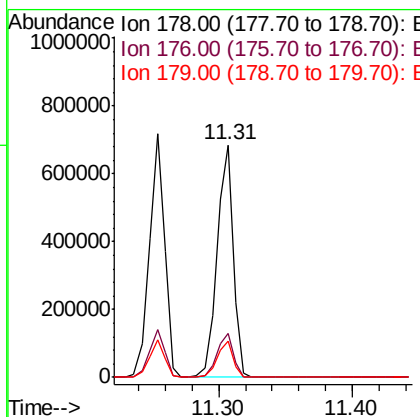
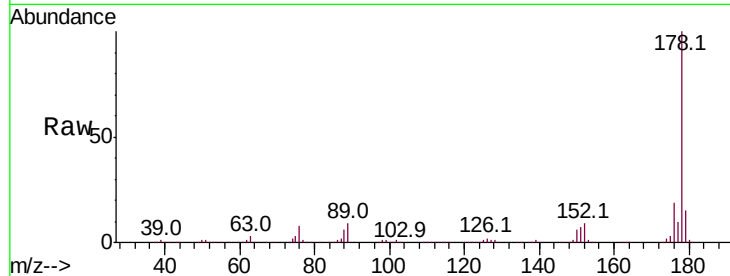




#71
 Anthracene
 Concen: 33.592 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

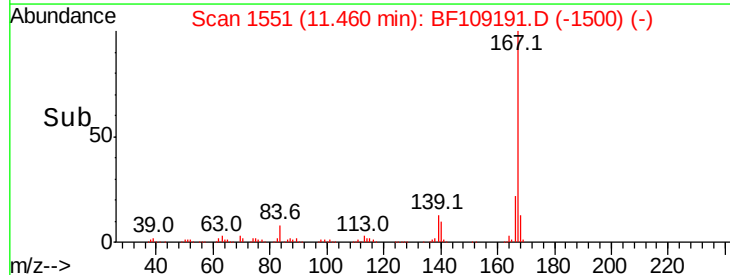
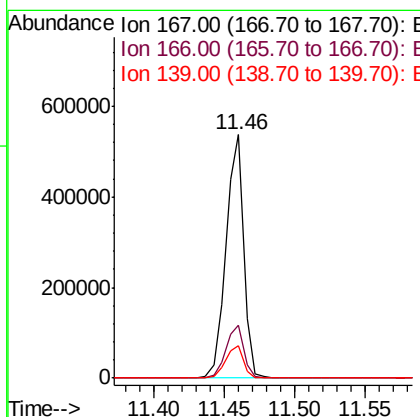
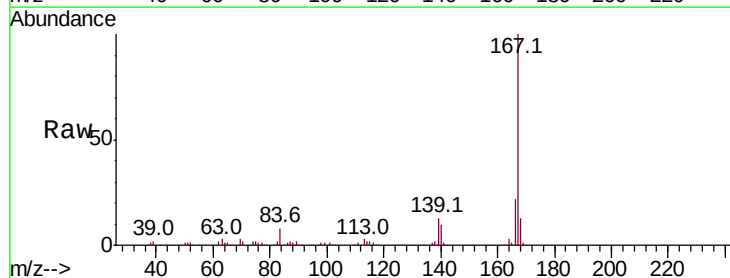
Instrument :
 BNA_F
 ClientSampled :

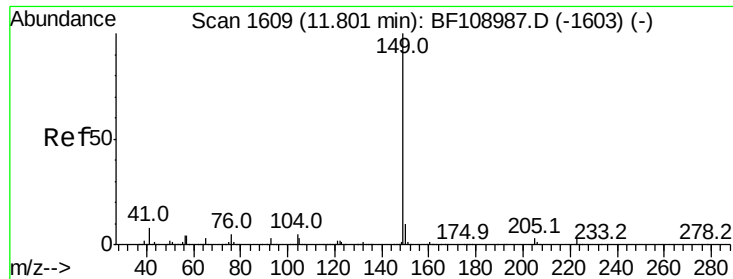
Tot Ion:178 Resp: 586911
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 27.037 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion:167 Resp: 467610
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.020 ng

RT: 11.80 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

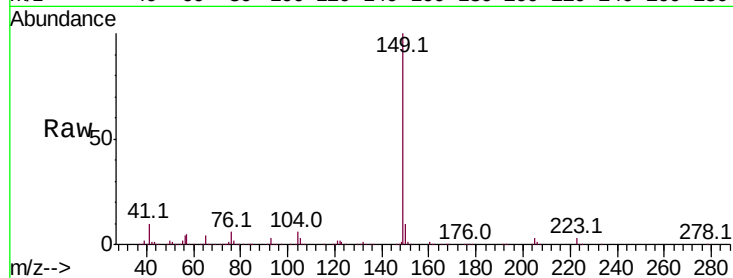
Tot Ion:149 Resp: 607785

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.80

800000

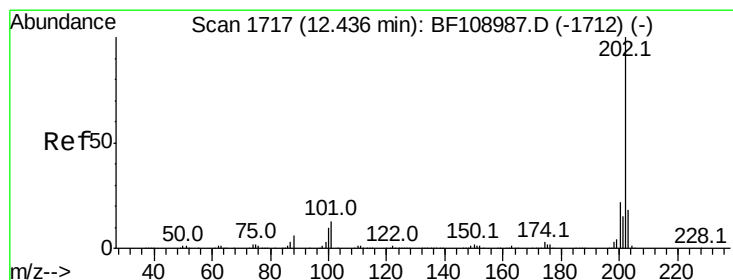
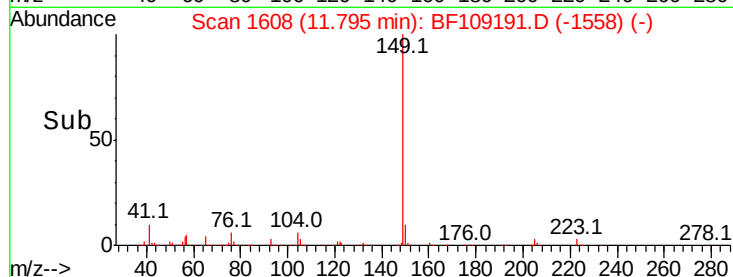
600000

400000

200000

0

Time-->



#74

Fluoranthene

Concen: 30.339 ng

RT: 12.44 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

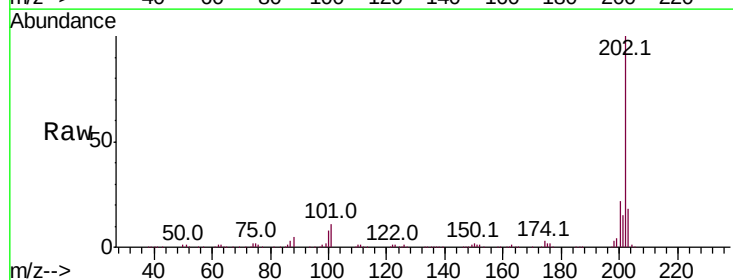
Tgt Ion:202 Resp: 552044

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.44

800000

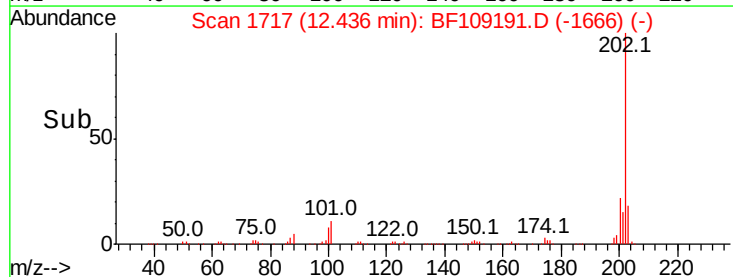
600000

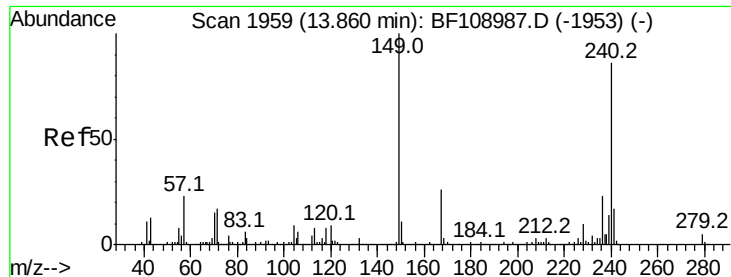
400000

200000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

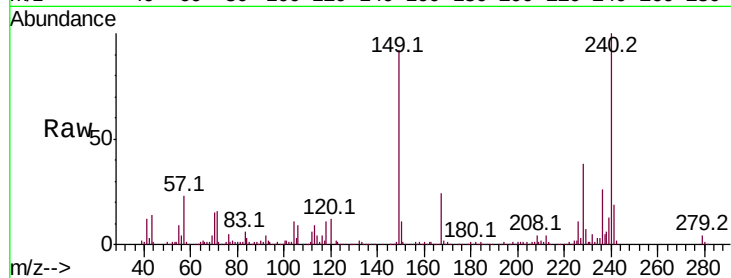
Tot Ion:240 Resp: 203747

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

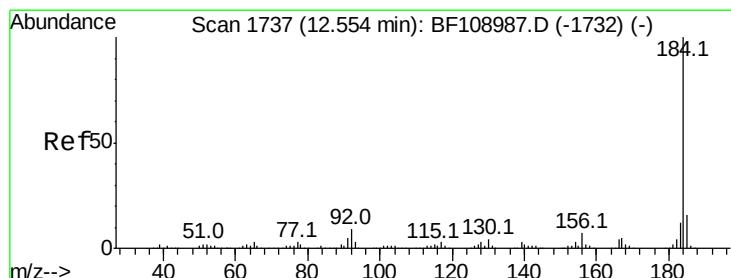
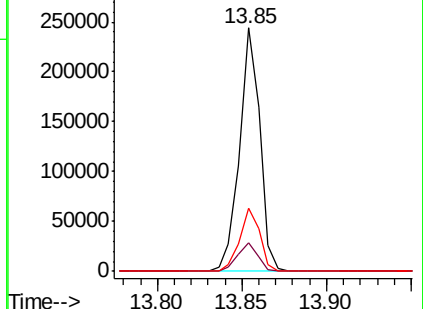
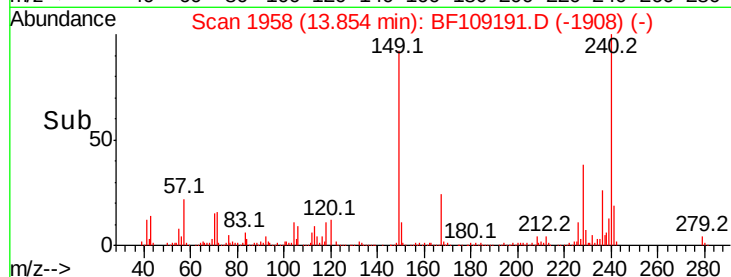
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.866 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

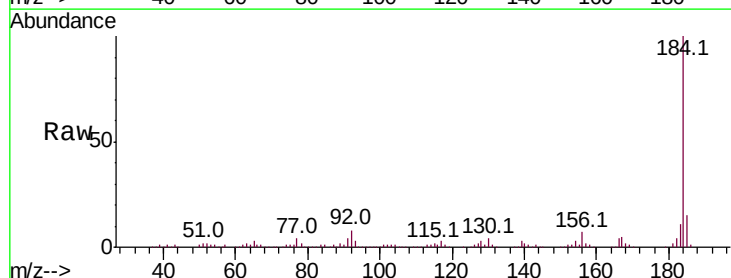
Tgt Ion:184 Resp: 251463

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

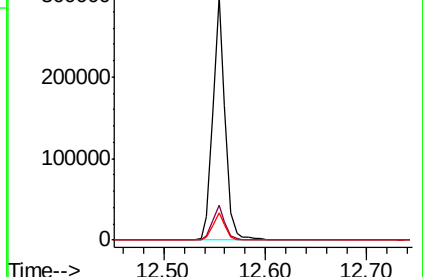
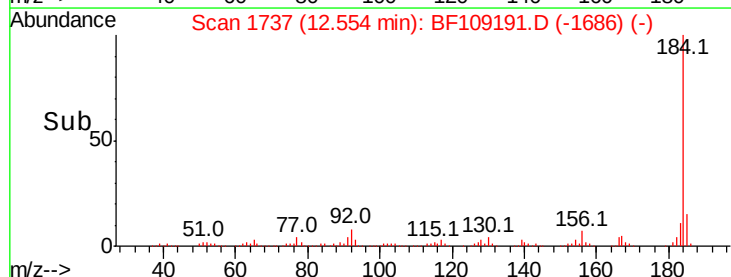
183 11.4 9.3 13.9

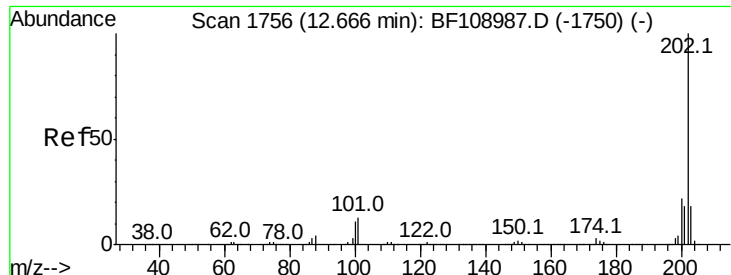


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

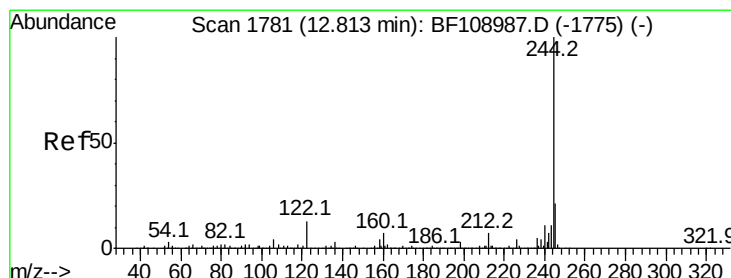
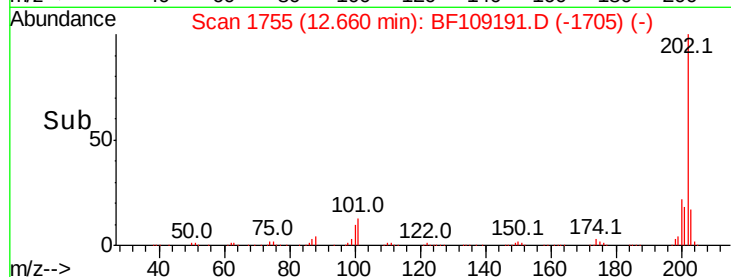
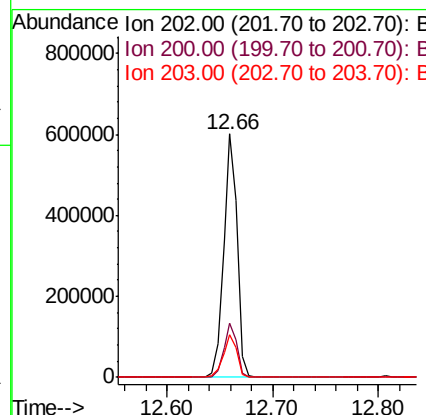
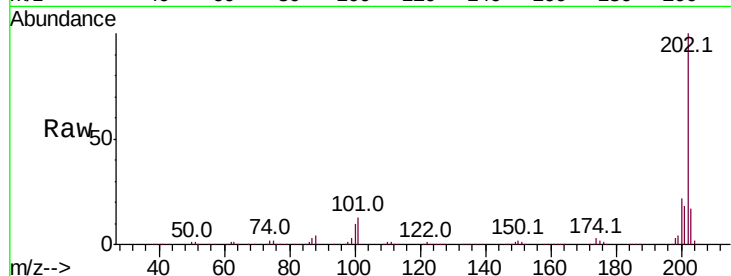




#77
Pvrene
Concen: 35.804 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

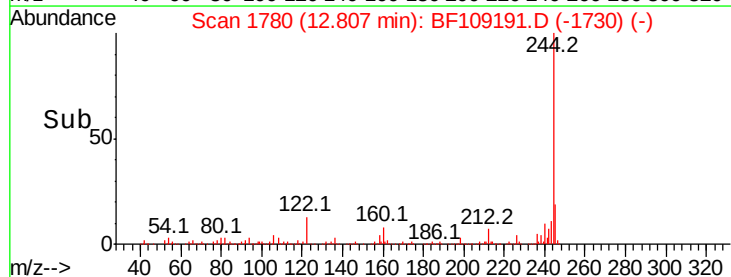
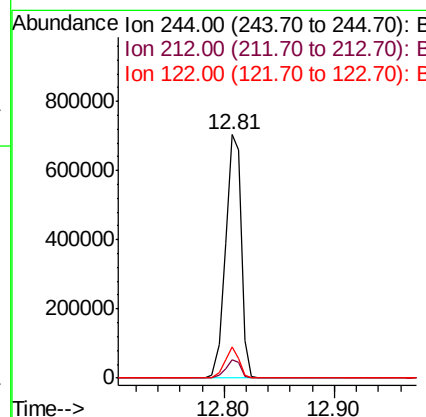
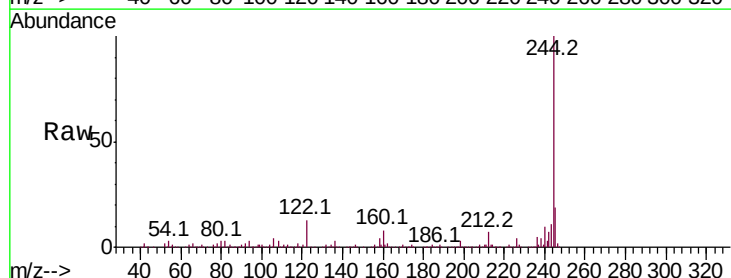
Instrument :
BNA_F
ClientSampleId :

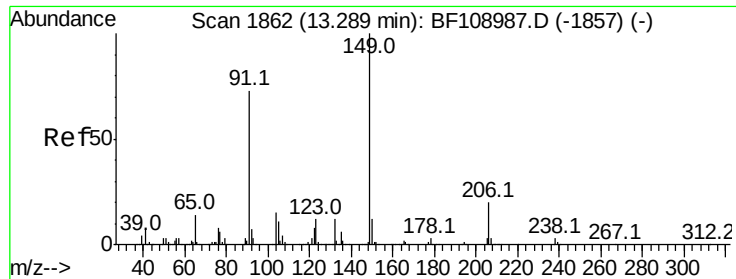
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 81.596 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 34.936 ng

RT: 13.28 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

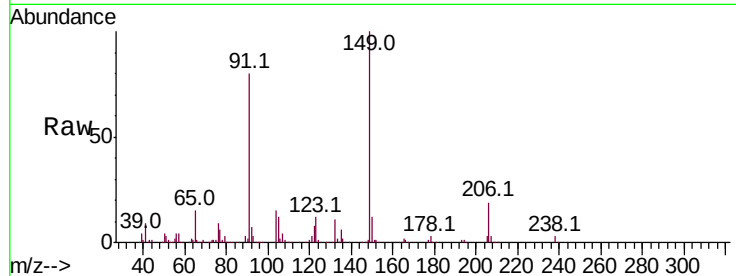
Tot Ion:149 Resp: 236152

Ion Ratio Lower Upper

149 100

91 79.6 56.8 85.2

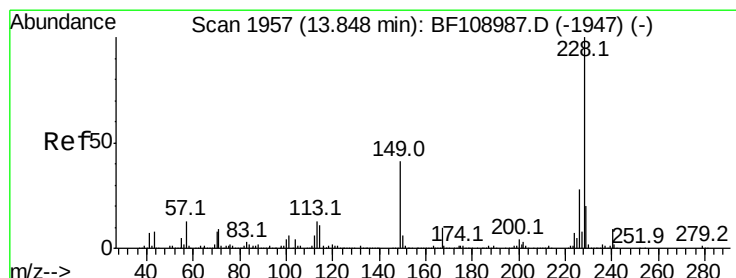
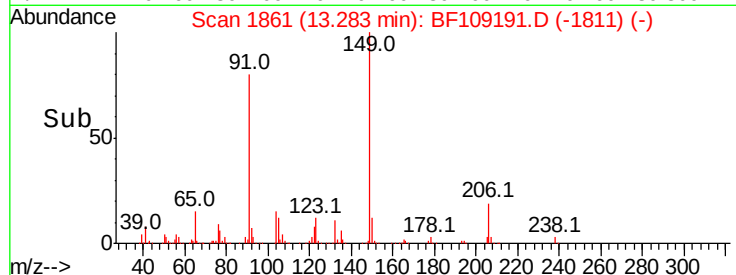
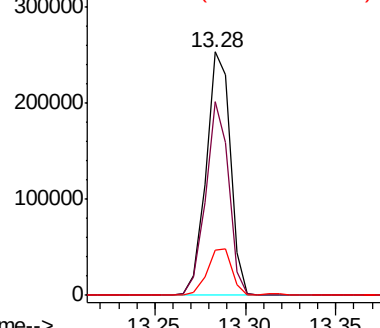
206 18.6 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.442 ng

RT: 13.84 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

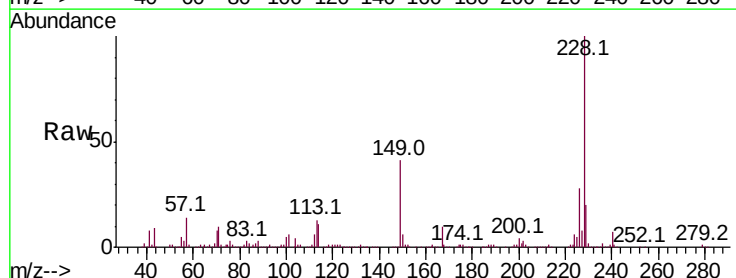
Tgt Ion:228 Resp: 400187

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

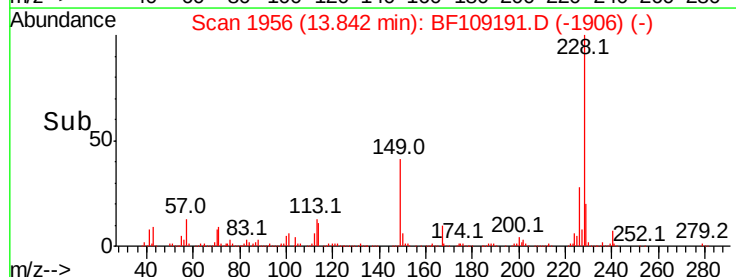
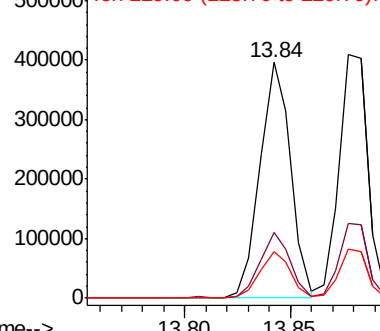
229 20.0 15.8 23.6

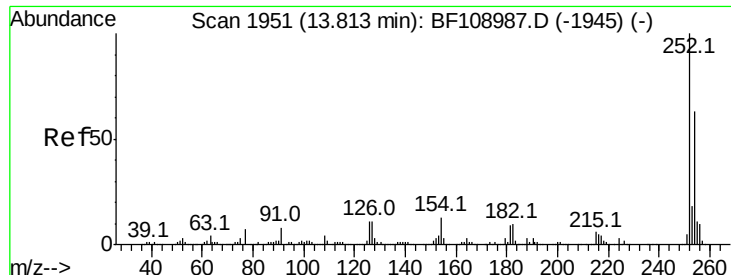


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

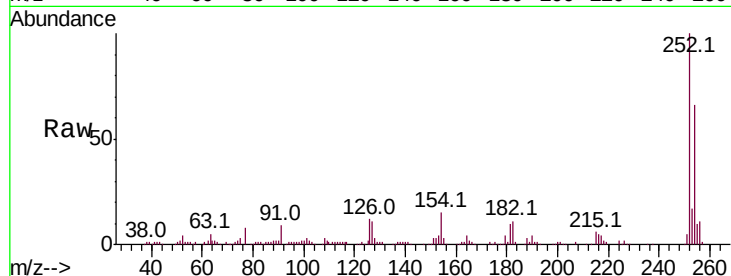




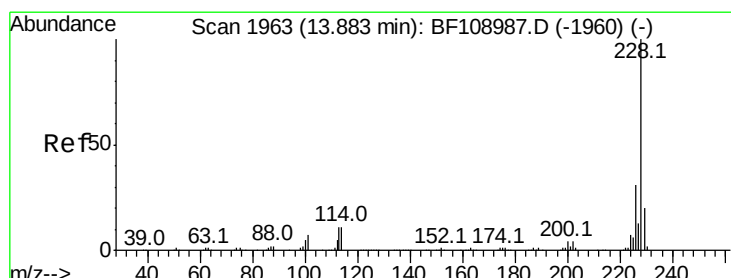
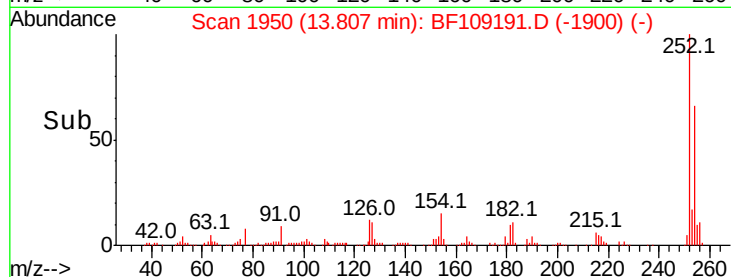
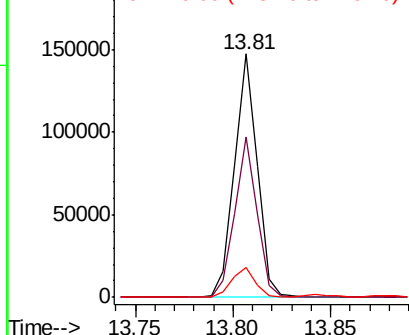
#81
 3,3'-Dichlorobenzidine
 Concen: 24.023 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	12.3	11.3	16.9

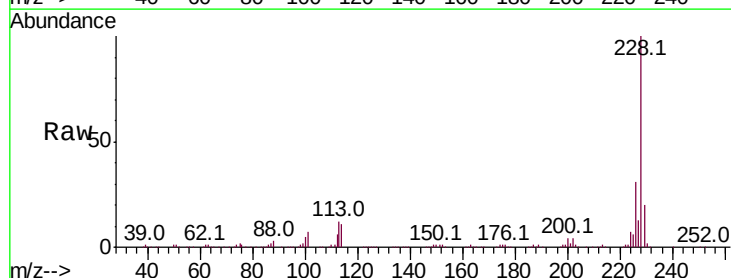


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

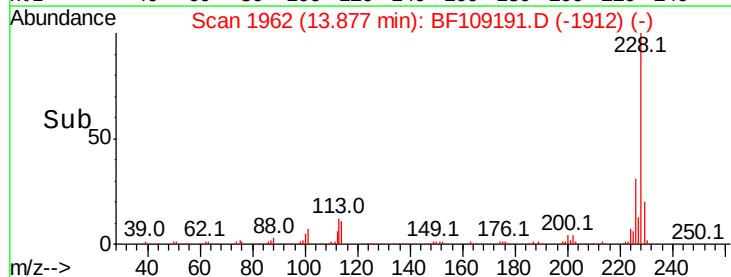
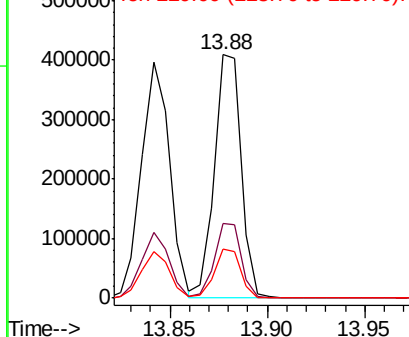


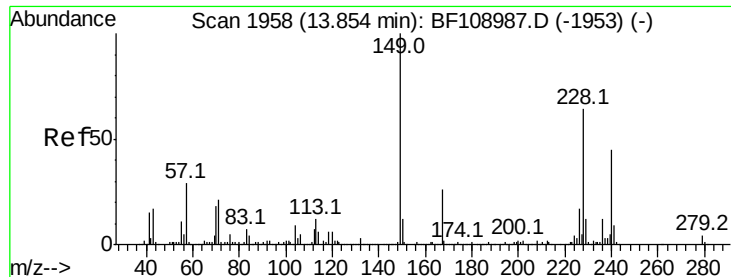
#82
 Chrysene
 Concen: 31.517 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.0	16.2	24.4



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

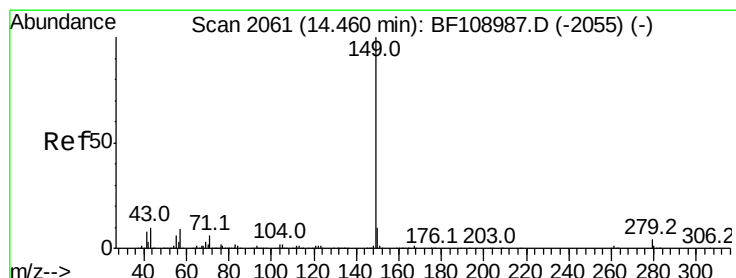
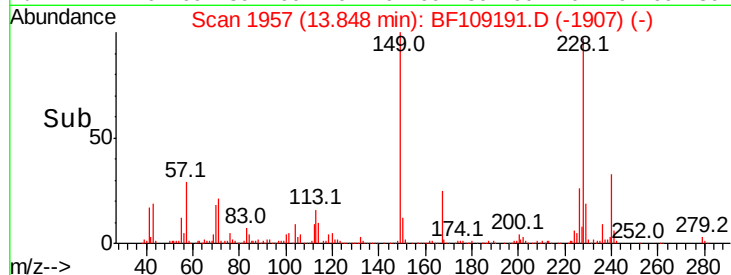
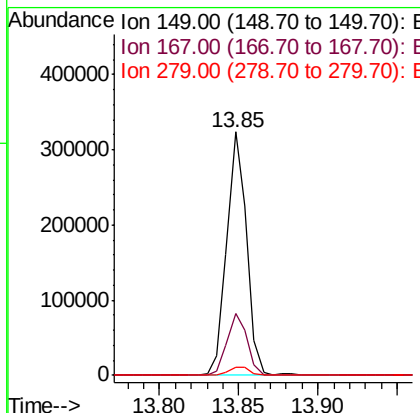
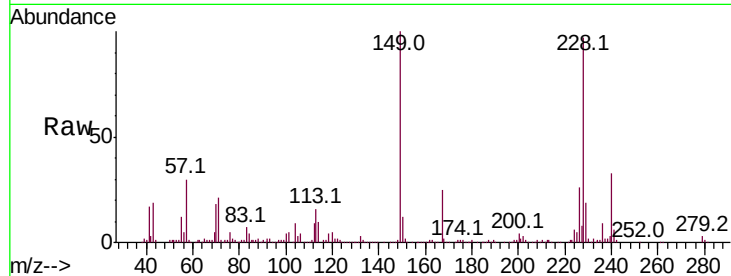




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.270 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

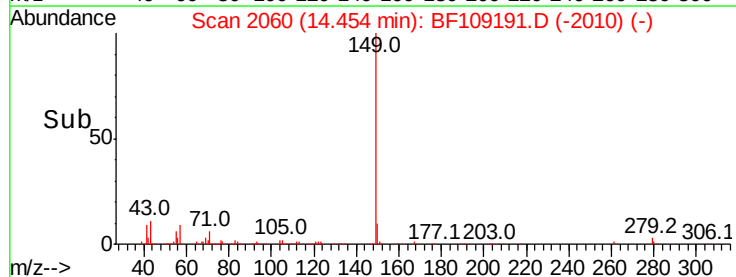
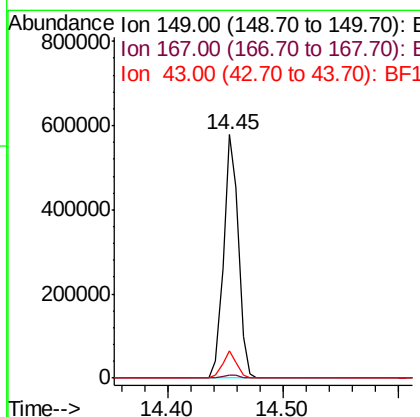
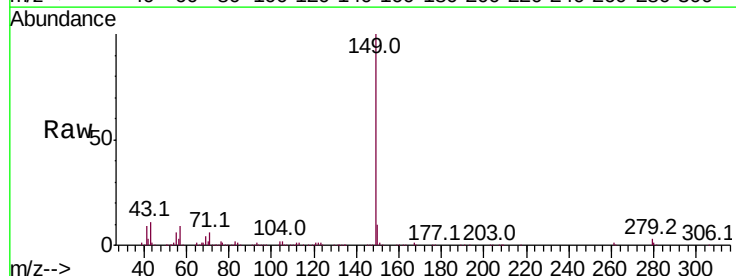
Instrument :
 BNA_F
 ClientSampleId :

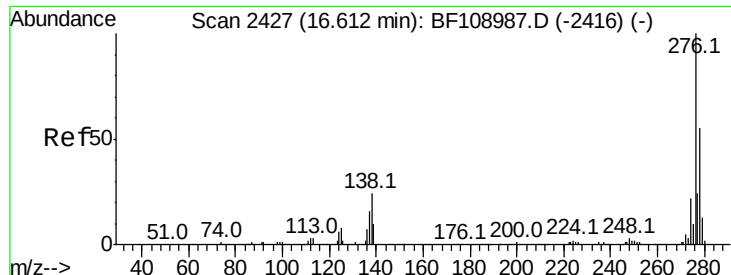
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.3	31.9
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 37.085 ng
 RT: 14.45 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.4	12.6

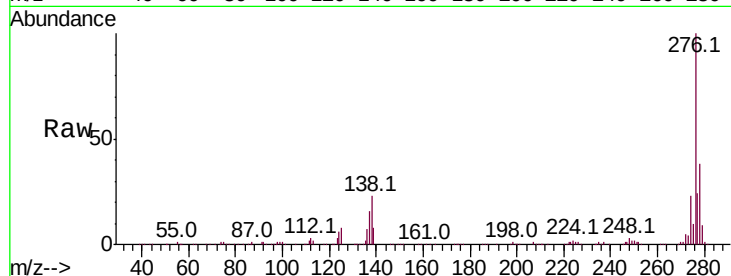




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.546 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	25.4	20.1	30.1

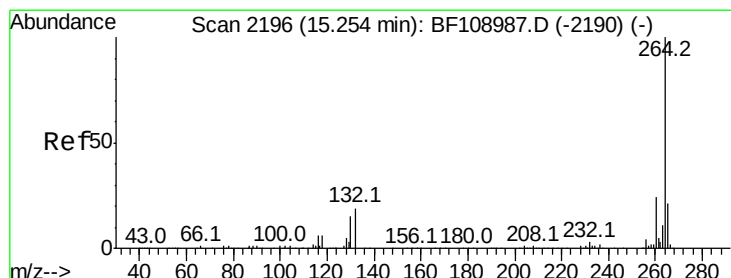
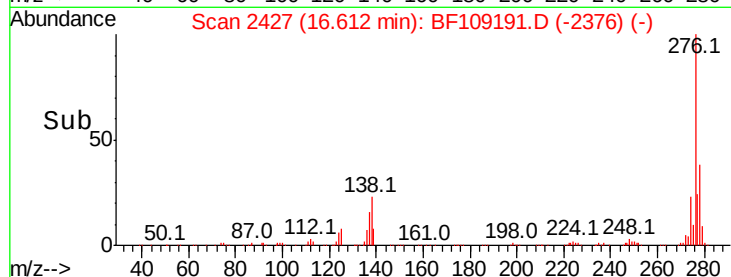
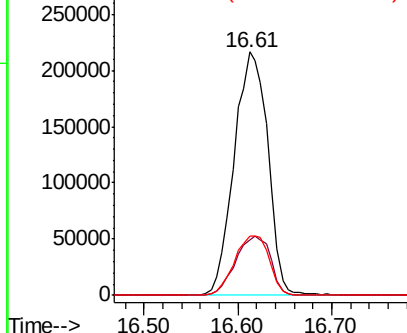


Abundance

Ion 276.00 (275.70 to 276.70): E

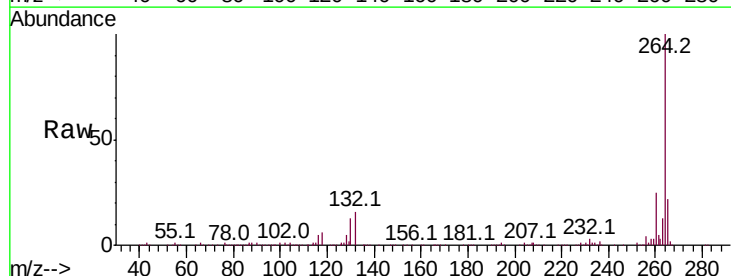
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3

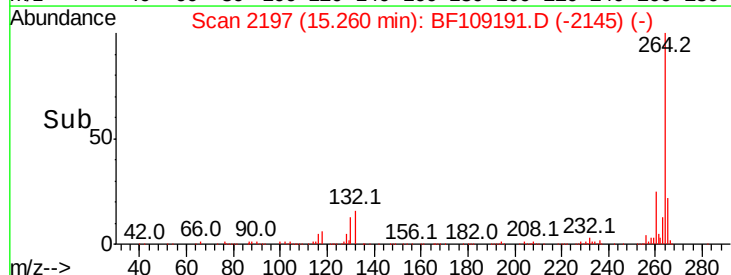
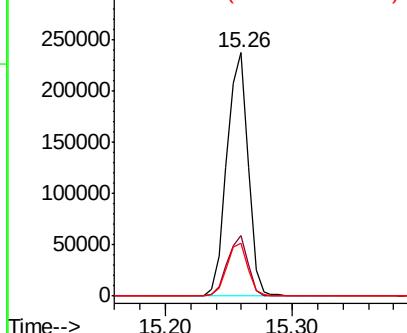


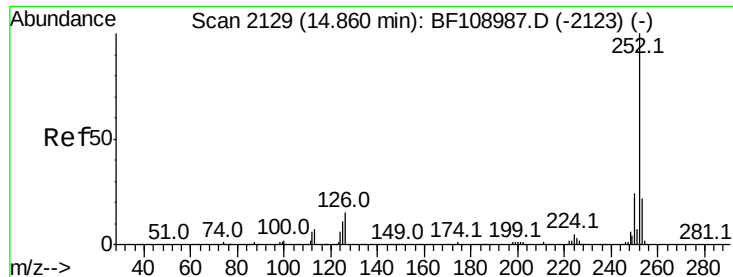
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 27.095 ng

RT: 14.86 min Scan# 2129

Delta R.T. -0.00 min

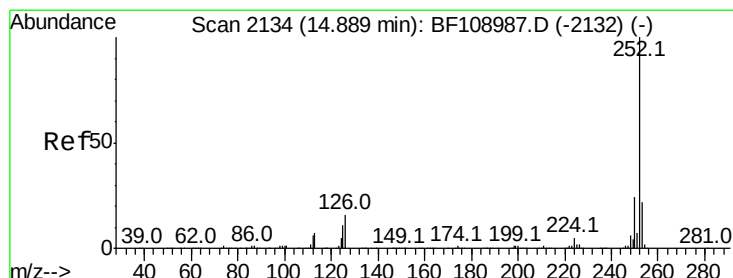
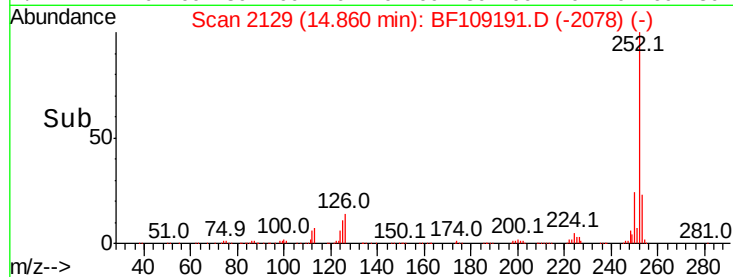
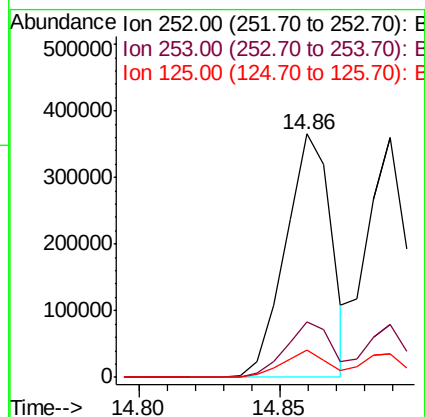
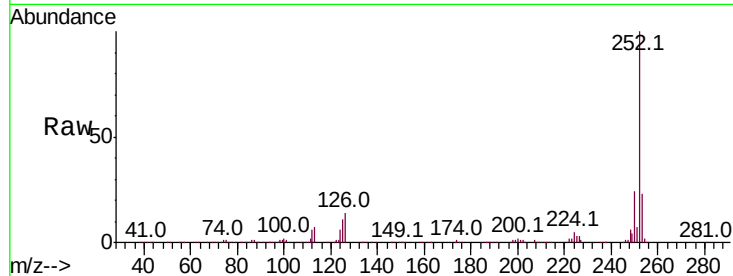
Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 411464

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 29.010 ng

RT: 14.86 min Scan# 2129

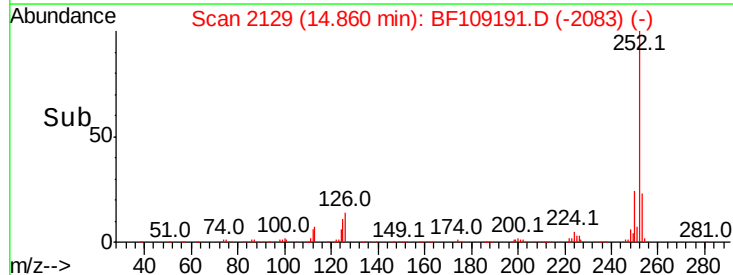
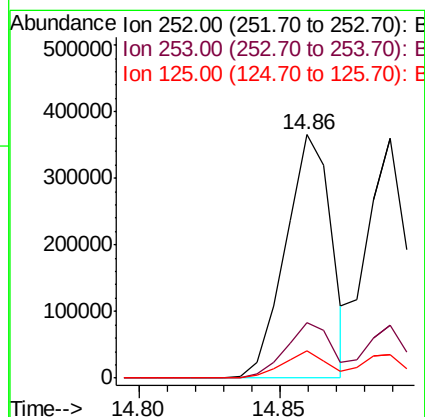
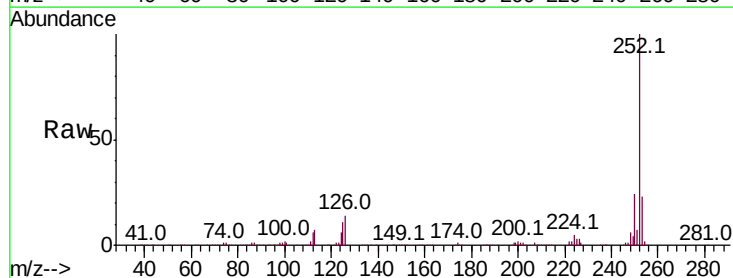
Delta R.T. -0.03 min

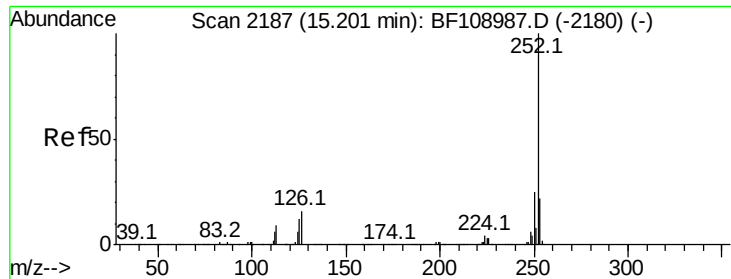
Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:252 Resp: 411464

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 34.161 ng

RT: 15.20 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

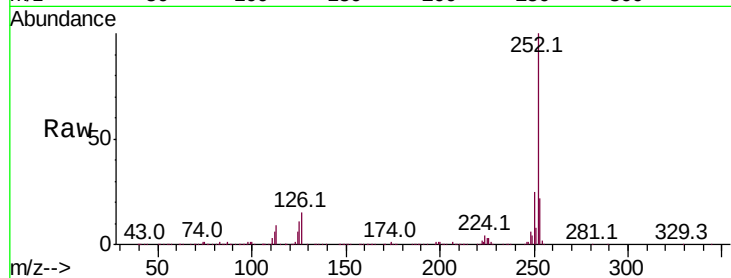
Tot Ion:252 Resp: 460694

Ion Ratio Lower Upper

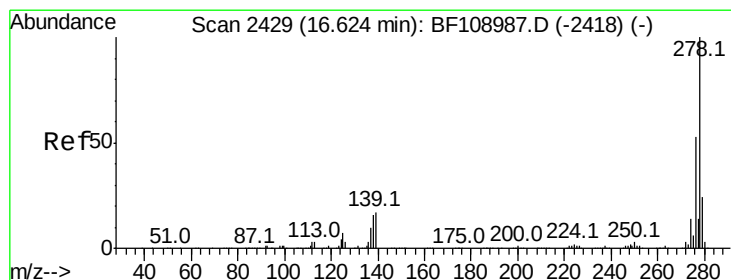
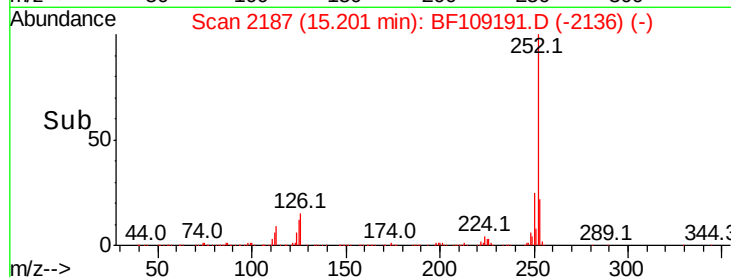
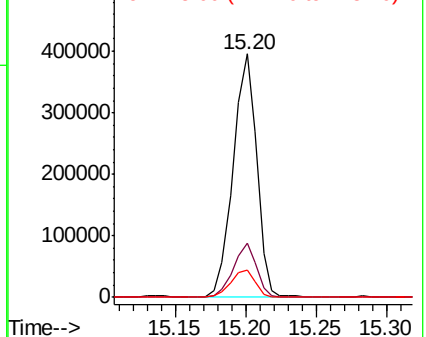
252 100

253 22.2 17.1 25.7

125 11.4 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 39.798 ng

RT: 16.63 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

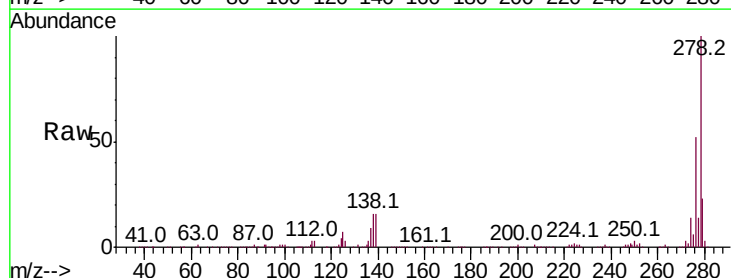
Tgt Ion:278 Resp: 450919

Ion Ratio Lower Upper

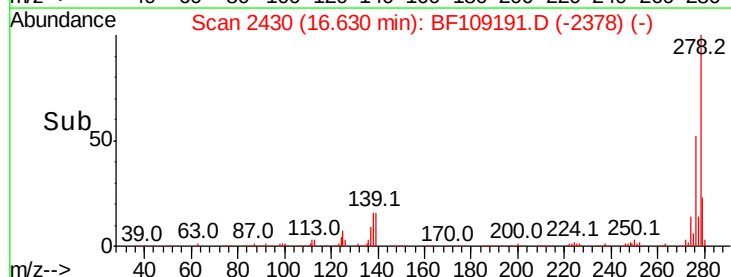
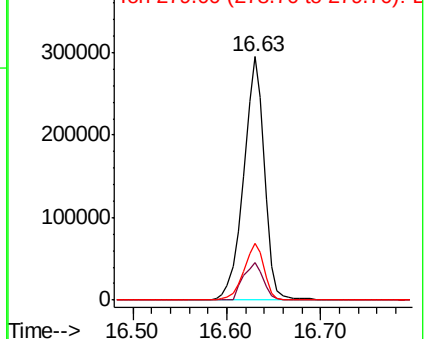
278 100

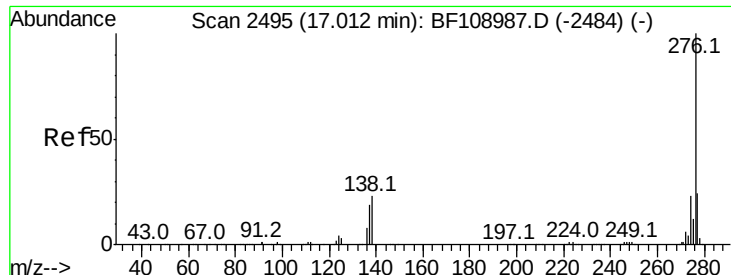
139 15.6 15.9 23.9#

279 23.1 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 39.266 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

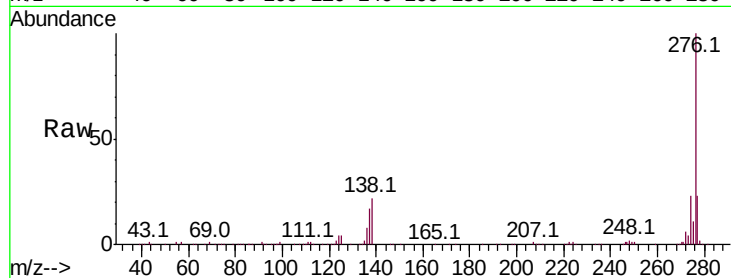
Tot Ion:276 Resp: 444793

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 21.7 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

