

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109242.D
 Acq On : 23 Sep 2018 00:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:52:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	108899	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	418613	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	183601	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	294969	20.00	ng	0.00
75) Chrysene-d12	13.85	240	206366	20.00	ng	0.00
86) Perylene-d12	15.24	264	195017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	526119	79.57	ng	0.00
7) Phenol-d6	6.35	99	668598	79.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	607762	85.70	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	132606	73.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1054433	86.62	ng	0.00
78) Terphenyl-d14	12.80	244	646059	76.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	116930	38.400	ng	93
3) Pyridine	3.05	79	318596	40.652	ng	93
4) n-Nitrosodimethylamine	2.99	42	134673	40.379	ng	# 99
6) Aniline	6.37	93	419066	38.824	ng	# 87
8) 2-Chlorophenol	6.49	128	294608	40.070	ng	99
9) Benzaldehyde	6.25	77	216310	39.911	ng	96
10) Phenol	6.36	94	367312	38.445	ng	# 71
11) bis(2-Chloroethyl)ether	6.45	93	290449	38.850	ng	98
12) 1,3-Dichlorobenzene	6.65	146	334728	39.541	ng	99
13) 1,4-Dichlorobenzene	6.73	146	337730	39.601	ng	99
14) 1,2-Dichlorobenzene	6.88	146	307669	39.108	ng	99
15) Benzyl Alcohol	6.85	79	259057	40.115	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	410988	38.756	ng	95
17) 2-Methylphenol	6.97	107	228751	38.451	ng	96
18) Hexachloroethane	7.22	117	104910	34.916	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	215915	39.057	ng	97
20) 3+4-Methylphenols	7.12	107	282191	39.289	ng	# 56
22) Acetophenone	7.12	105	384018	39.678	ng	# 91
24) Nitrobenzene	7.29	77	315236	41.808	ng	98
25) Isophorone	7.53	82	506542	39.668	ng	97
26) 2-Nitrophenol	7.61	139	129581	43.457	ng	96
27) 2,4-Dimethylphenol	7.65	122	226154	40.645	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	339480	40.161	ng	99
29) 2,4-Dichlorophenol	7.85	162	237907	40.696	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	257441	39.410	ng	97
31) Naphthalene	8.02	128	771270	39.428	ng	100
32) Benzoic acid	7.80	122	28446	13.255	ng	91
33) 4-Chloroaniline	8.06	127	337758	39.524	ng	98
34) Hexachlorobutadiene	8.14	225	160478	40.751	ng	99
35) Caprolactam	8.43	113	74719	40.033	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	244057	39.674	ng	98
37) 2-Methylnaphthalene	8.70	142	492008	39.016	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	251874	43.106	ng	98
40) Hexachlorocyclopentadiene	8.86	237	23837	9.353	ng	98

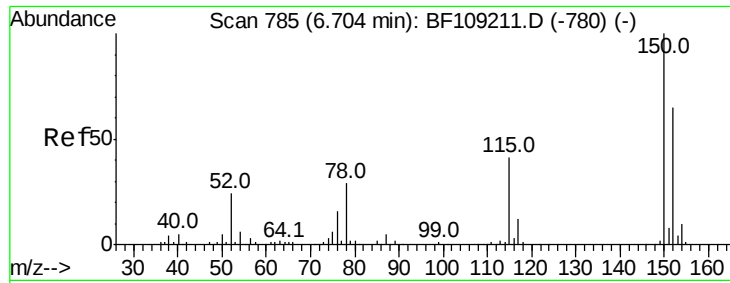
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109242.D
 Acq On : 23 Sep 2018 00:37
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:52:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	162416	43.309	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	165679	41.831	nq	96
45) 1,1'-Biphenyl	9.17	154	628101	41.988	nq	98
46) 2-Chloronaphthalene	9.19	162	490967	41.083	nq	97
47) 2-Nitroaniline	9.28	65	153512	45.308	nq	94
48) Acenaphthylene	9.60	152	715722	39.700	nq	100
49) Dimethylphthalate	9.47	163	567258	42.479	nq	99
50) 2,6-Dinitrotoluene	9.53	165	116366	43.998	nq	96
51) Acenaphthene	9.77	154	422500	38.762	nq	99
52) 3-Nitroaniline	9.69	138	136423	44.541	nq	96
53) 2,4-Dinitrophenol	9.80	184	6623	14.813	nq #	19
54) Dibenzofuran	9.95	168	626805	38.668	nq	98
55) 4-Nitrophenol	9.85	139	81610	35.370	nq	93
56) 2,4-Dinitrotoluene	9.93	165	137179	40.993	nq #	97
57) Fluorene	10.29	166	426027	36.835	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	120971	38.575	nq	90
59) Diethylphthalate	10.16	149	564558	41.748	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	237742	39.355	nq	95
61) 4-Nitroaniline	10.30	138	120401	40.309	nq	93
62) Azobenzene	10.44	77	525997	37.438	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	15354	17.759	nq	90
65) n-Nitrosodiphenylamine	10.40	169	456866	46.879	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	147595	45.060	nq #	85
67) Hexachlorobenzene	10.84	284	145350	41.782	nq #	87
68) Atrazine	10.92	200	129536	43.218	nq	98
69) Pentachlorophenol	11.03	266	80335	38.584	nq	99
70) Phenanthrene	11.24	178	585256	39.738	nq	99
71) Anthracene	11.29	178	586186	39.242	nq	100
72) Carbazole	11.45	167	565553	38.053	nq	99
73) Di-n-butylphthalate	11.79	149	767722	44.870	nq	99
74) Fluoranthene	12.42	202	548325	34.838	nq	95
76) Benzidine	12.55	184	335954	45.152	nq	98
77) Pyrene	12.65	202	561177	37.943	nq	99
79) Butylbenzylphthalate	13.27	149	260437	41.390	nq	96
80) Benzo(a)anthracene	13.83	228	488310	39.285	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	210374	44.534	nq #	94
82) Chrysene	13.87	228	484098	39.293	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	336775	42.439	nq	99
84) Di-n-octyl phthalate	14.44	149	614080	45.259	nq	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	369399	36.991	nq #	93
87) Benzo(b)fluoranthene	14.84	252	420340	39.225	nq	98
88) Benzo(k)fluoranthene	14.84	252	420340	41.337	nq	98
89) Benzo(a)pyrene	15.19	252	388121	40.194	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	311396	39.309	nq	96
91) Benzo(g,h,i)perylene	16.99	276	290728	37.342	nq #	93

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

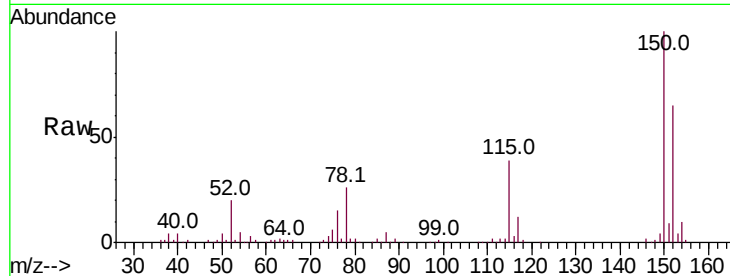


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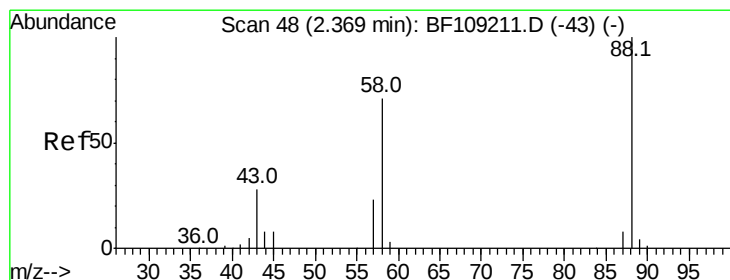
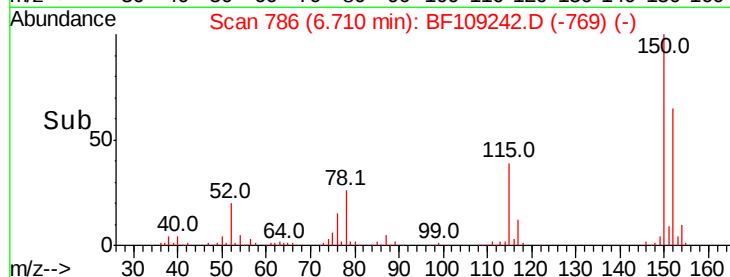
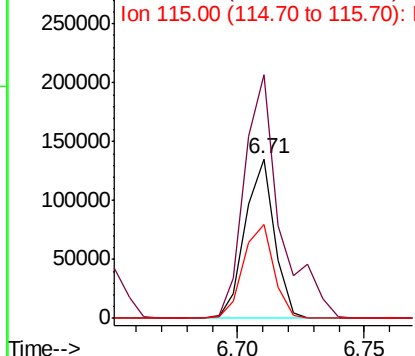
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108899
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 59.2 50.1 75.1



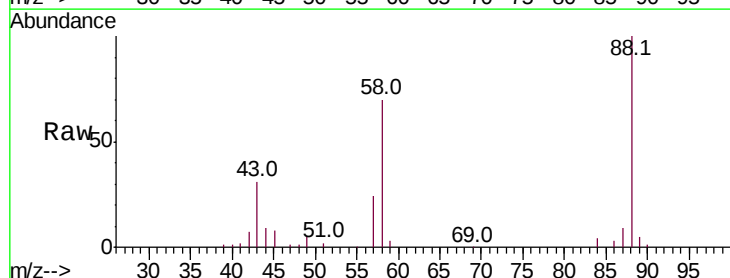
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



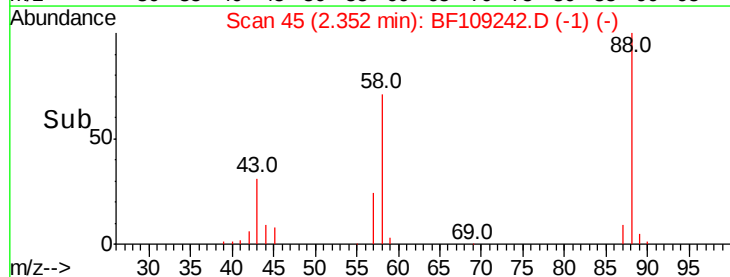
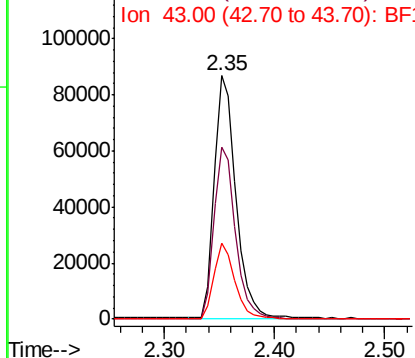
#2

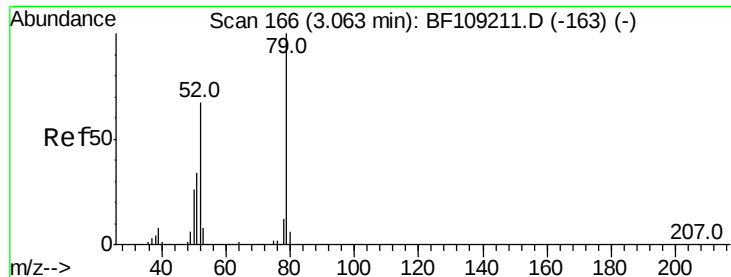
1,4-Dioxane
Concen: 38.400 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.02 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion: 88 Resp: 116930
Ion Ratio Lower Upper
88 100
58 70.3 62.6 93.8
43 30.5 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: 40.652 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

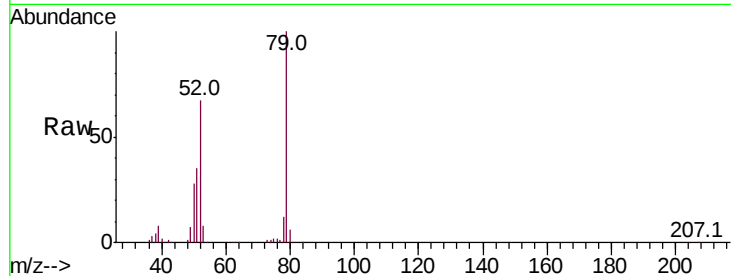
Tot Ion: 79 Resp: 318596

Ion Ratio Lower Upper

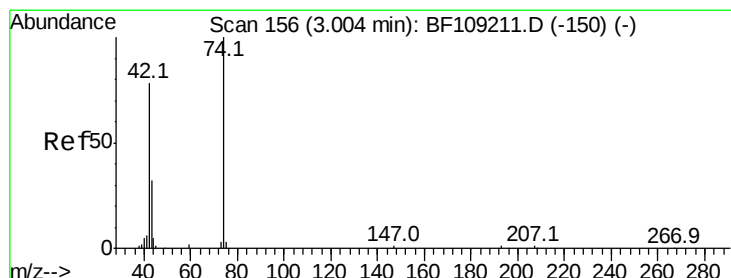
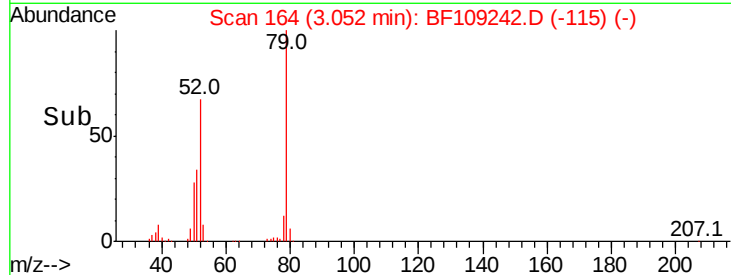
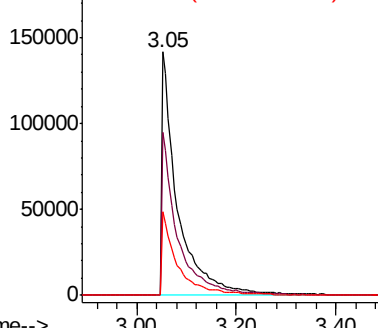
79 100

52 67.1 59.8 89.6

51 34.5 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: 40.379 ng

RT: 2.99 min Scan# 154

Delta R.T. -0.03 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

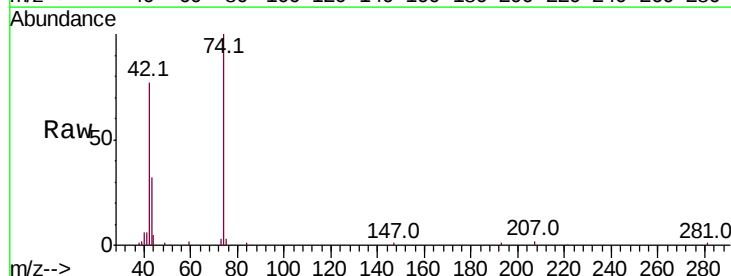
Tgt Ion: 42 Resp: 134673

Ion Ratio Lower Upper

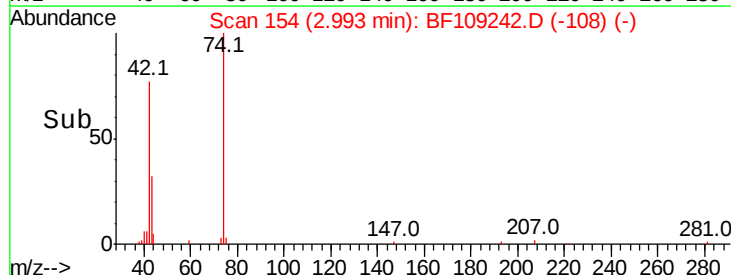
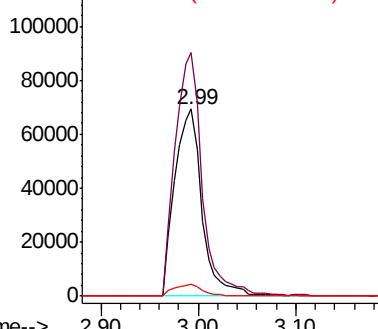
42 100

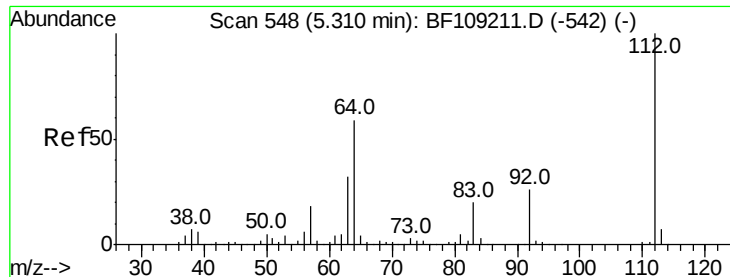
74 130.0 104.9 157.3

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: 79.575 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampled :

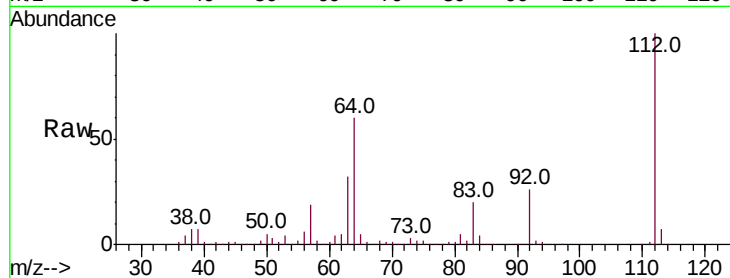
Tot Ion:112 Resp: 526119

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

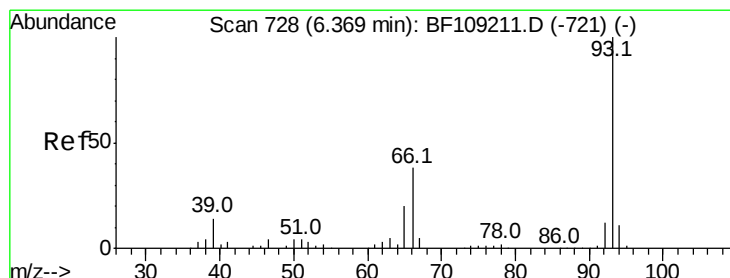
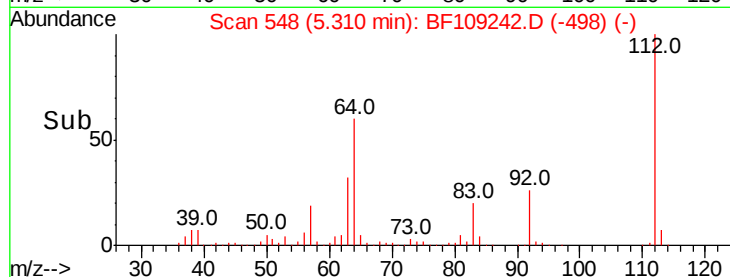
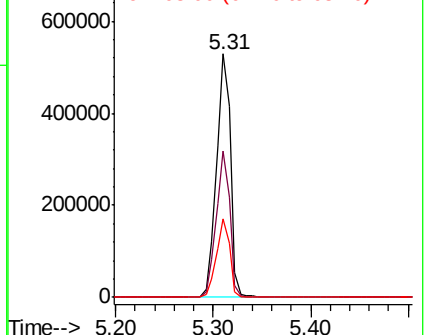
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.824 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

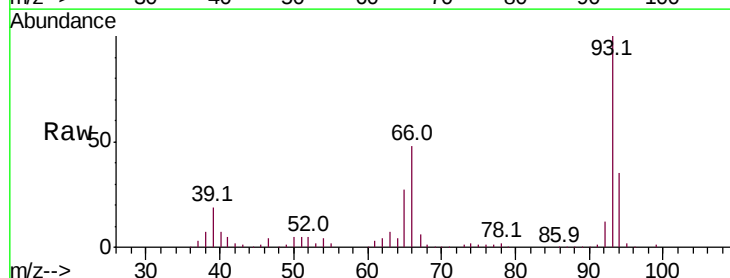
Tgt Ion: 93 Resp: 419066

Ion Ratio Lower Upper

93 100

66 48.0 32.2 48.2

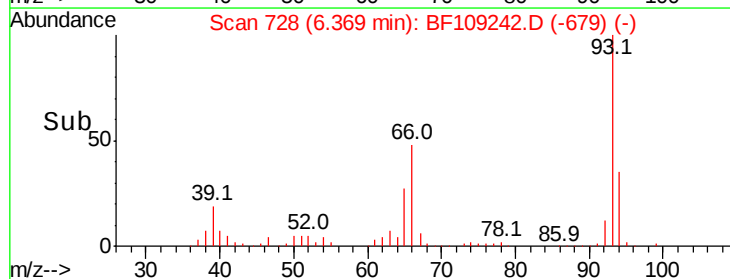
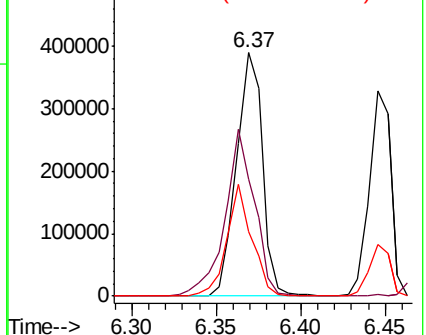
65 26.6 16.4 24.6#

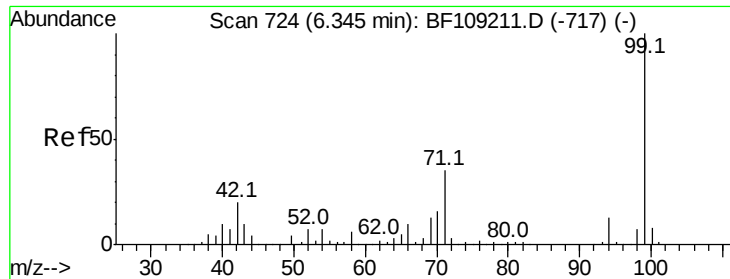


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.249 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

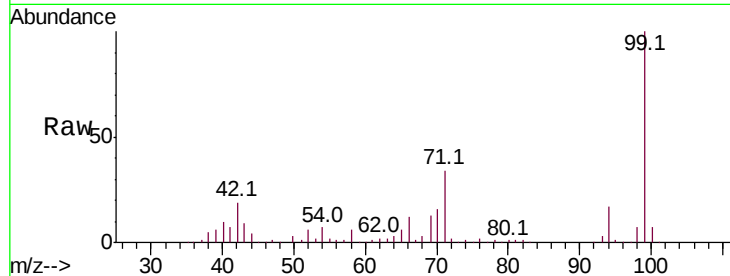
Tot Ion: 99 Resp: 668598

Ion Ratio Lower Upper

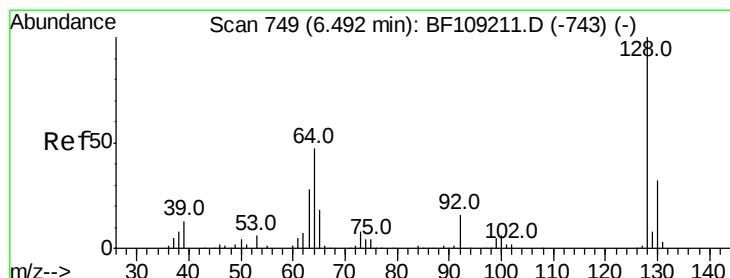
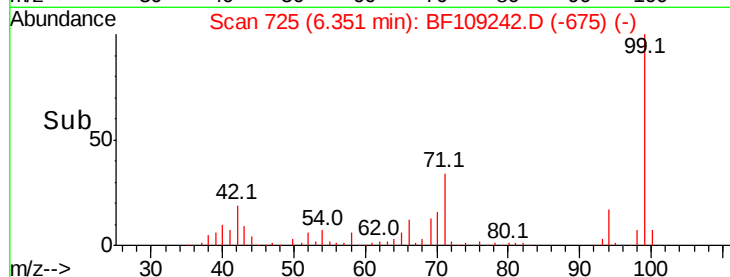
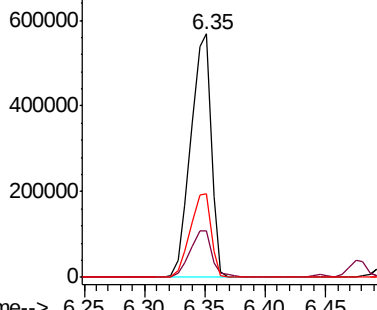
99 100

42 19.3 14.5 21.7

71 34.4 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: 40.070 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

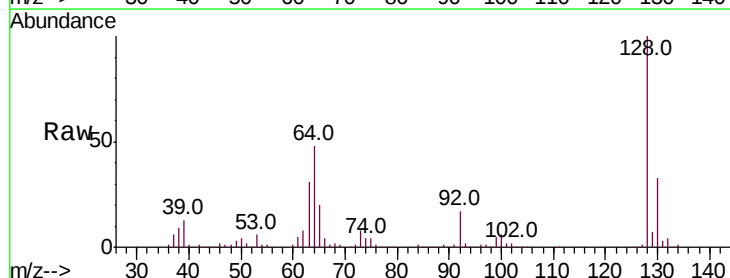
Tgt Ion: 128 Resp: 294608

Ion Ratio Lower Upper

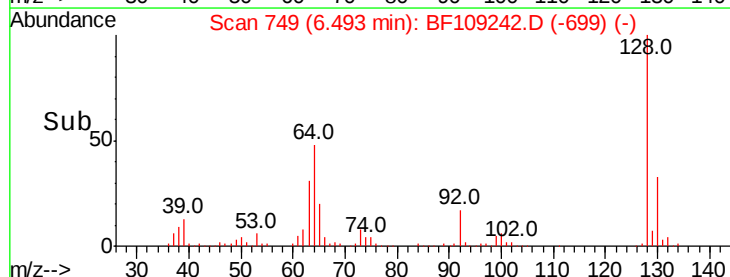
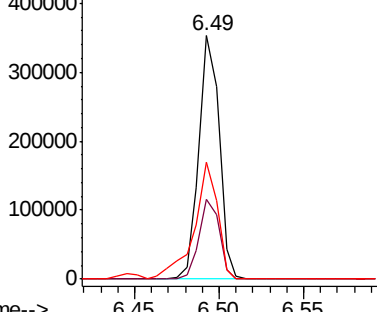
128 100

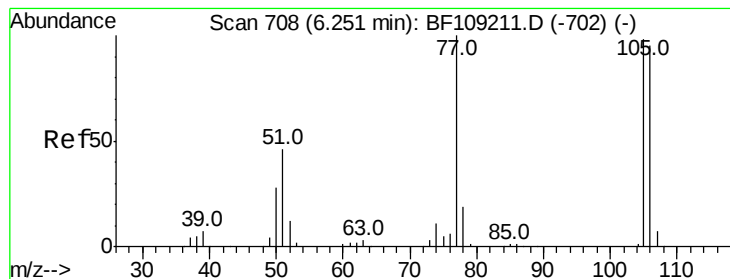
130 32.6 13.0 53.0

64 48.2 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: 39.911 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

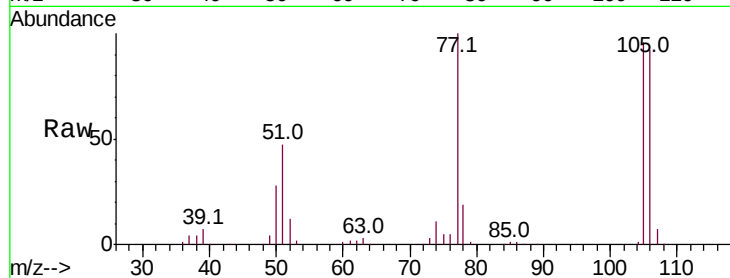
Tot Ion: 77 Resp: 216310

Ion Ratio Lower Upper

77 100

105 96.1 81.1 121.1

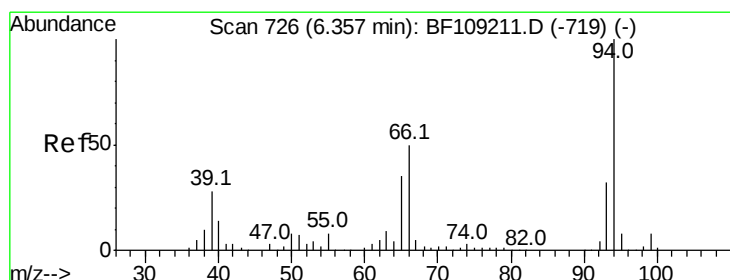
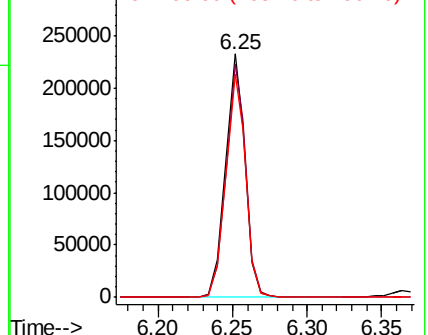
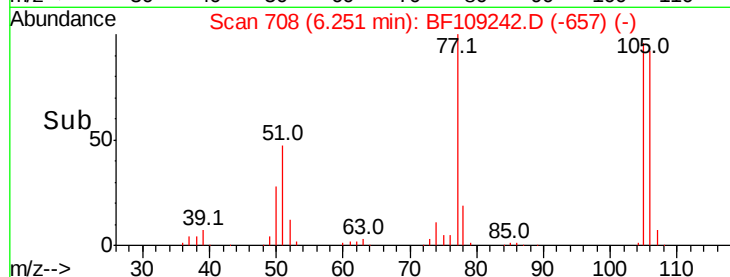
106 91.8 74.5 114.5



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: 38.445 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

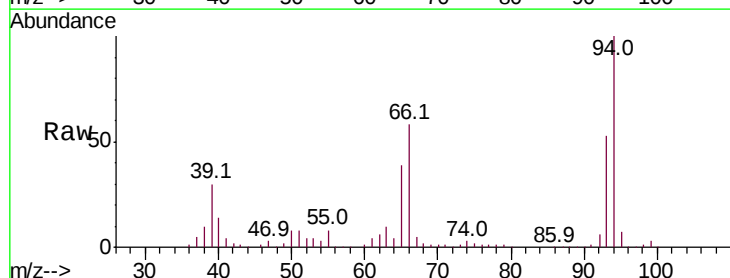
Tgt Ion: 94 Resp: 367312

Ion Ratio Lower Upper

94 100

65 38.6 7.9 47.9

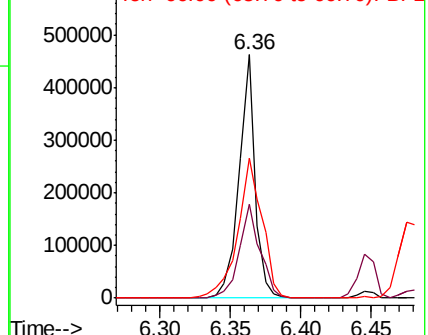
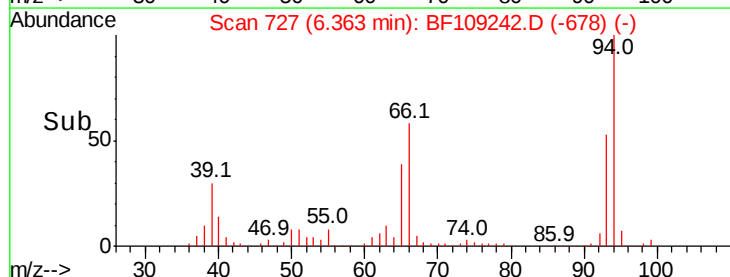
66 57.5 16.2 56.2#

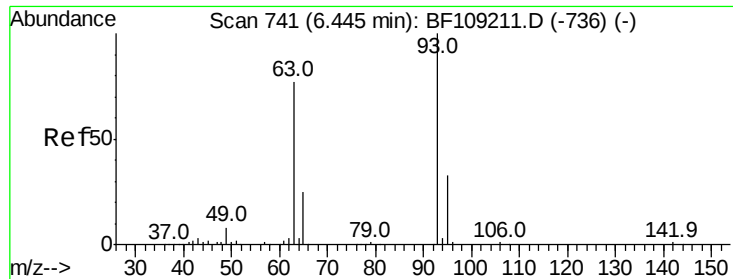


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.850 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

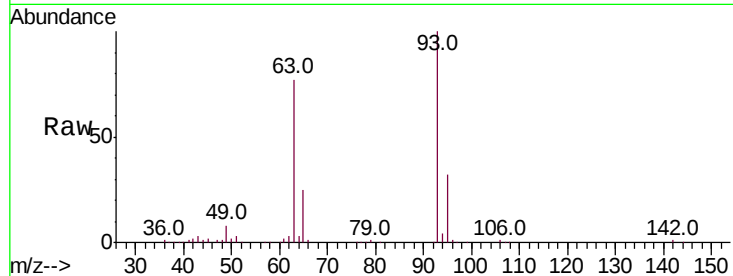
Tot Ion: 93 Resp: 290449

Ion Ratio Lower Upper

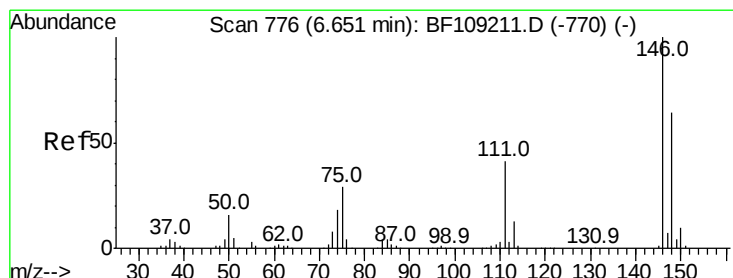
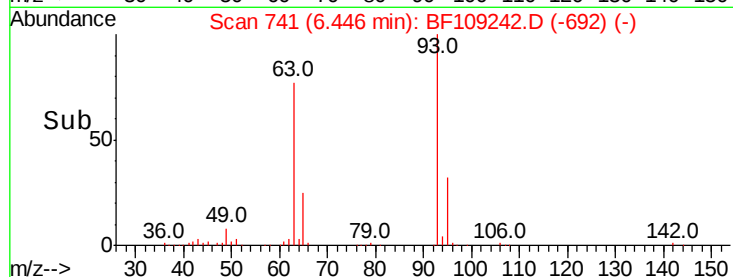
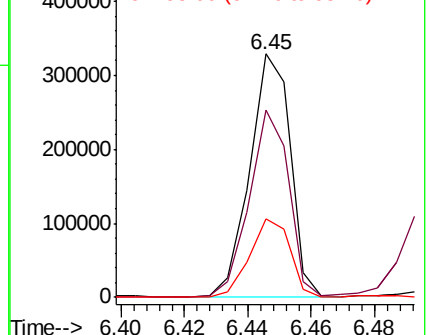
93 100

63 76.9 58.6 98.6

95 32.5 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 39.541 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

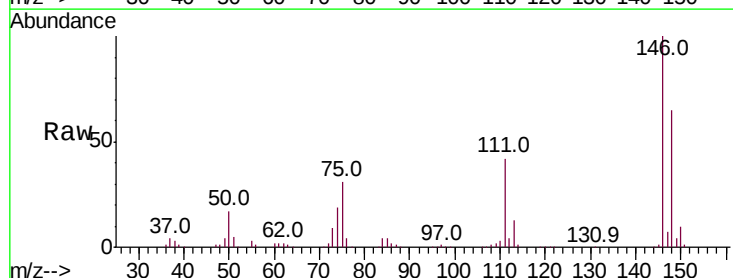
Tgt Ion: 146 Resp: 334728

Ion Ratio Lower Upper

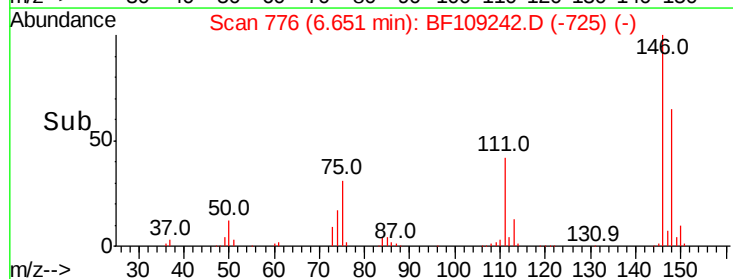
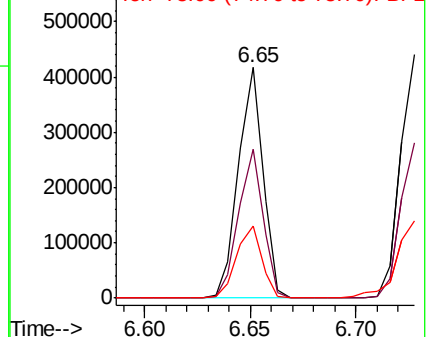
146 100

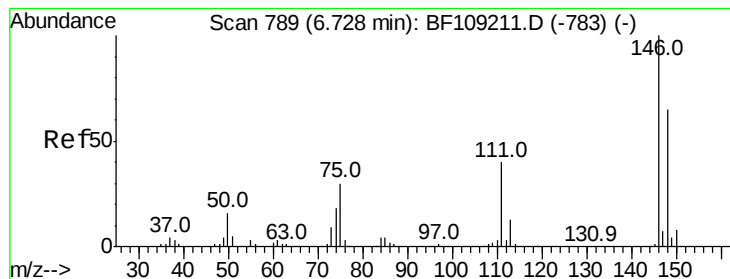
148 64.8 51.8 77.8

75 31.2 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 39.601 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampled :

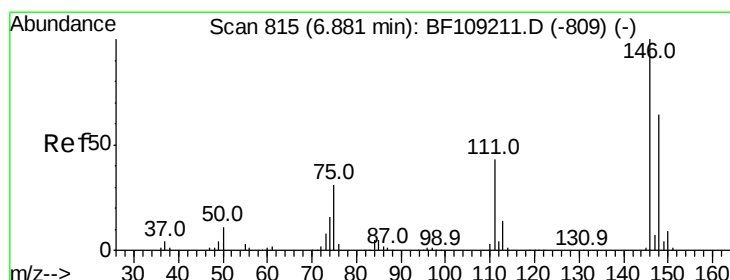
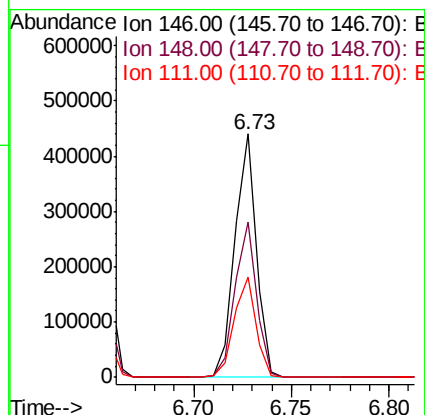
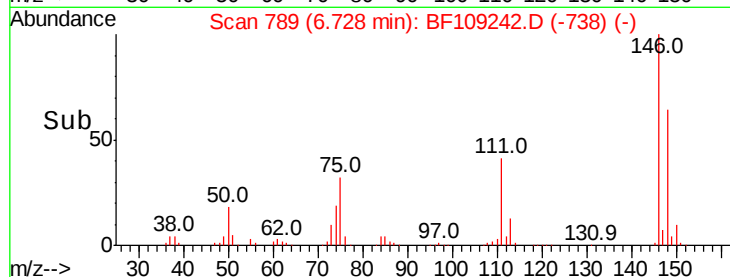
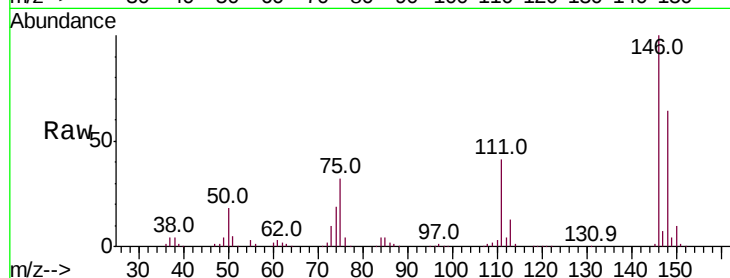
Tot Ion:146 Resp: 337730

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 41.0 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 39.108 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

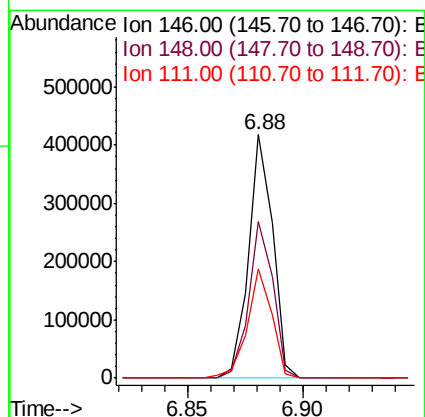
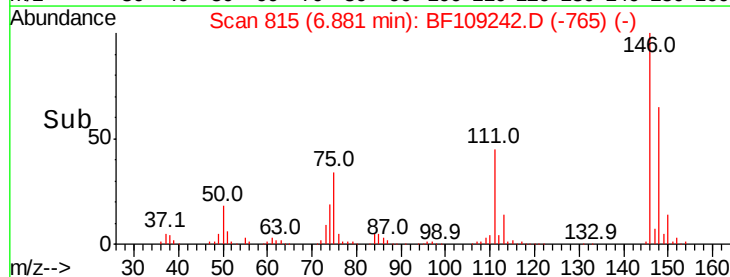
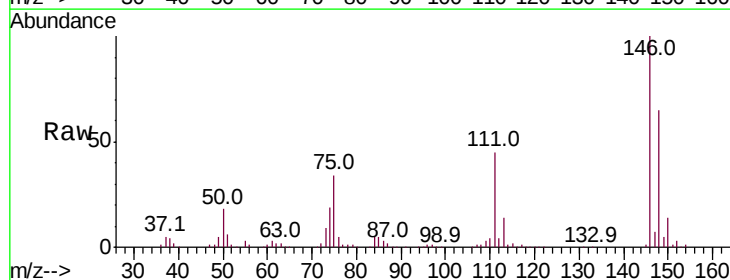
Tgt Ion:146 Resp: 307669

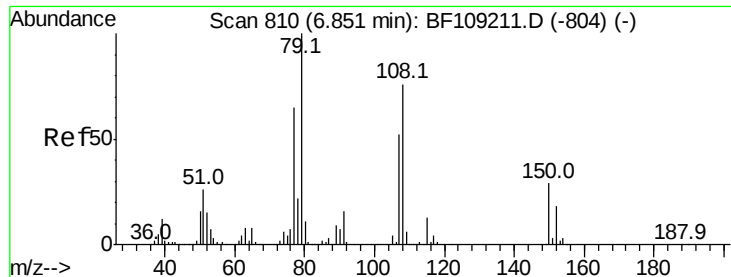
Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

111 45.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.115 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

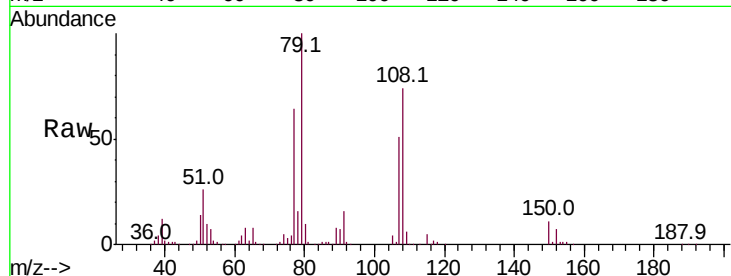
Tot Ion: 79 Resp: 259057

Ion Ratio Lower Upper

79 100

108 73.6 65.1 97.7

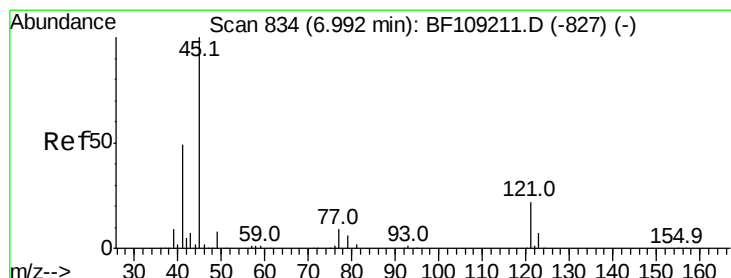
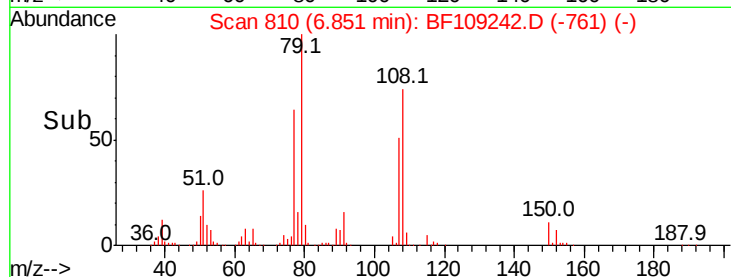
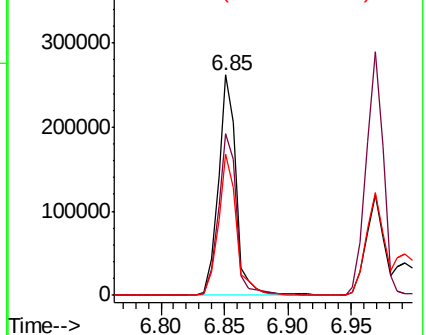
77 64.1 50.6 75.8



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: 38.756 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

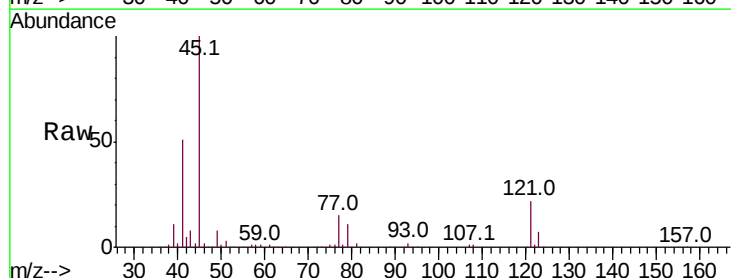
Tgt Ion: 45 Resp: 410988

Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

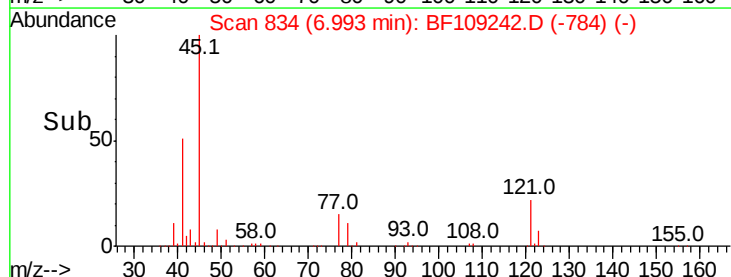
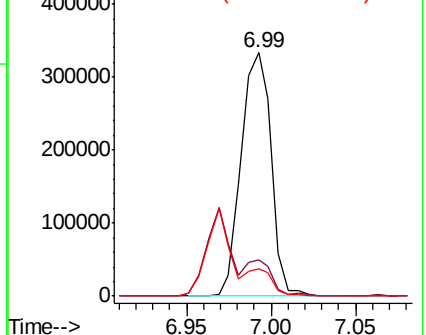
79 11.5 0.0 29.6

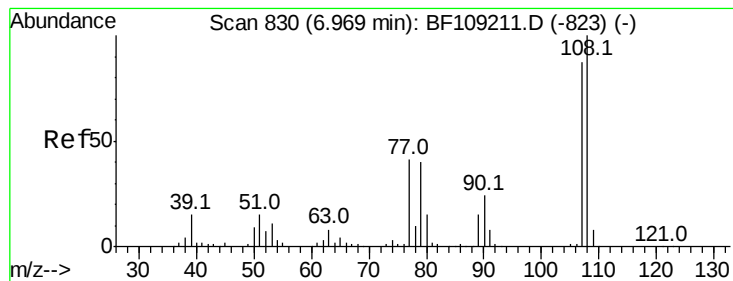


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.451 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 228751

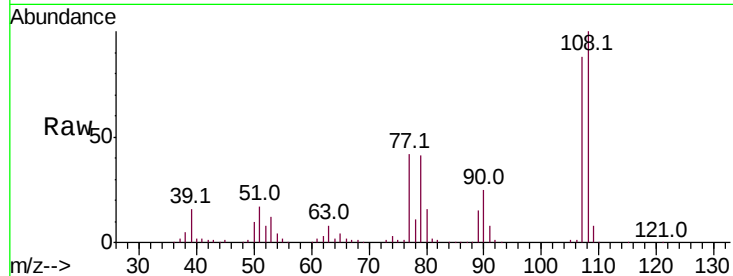
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 48.1 33.8 50.8

79 47.2 33.8 50.8

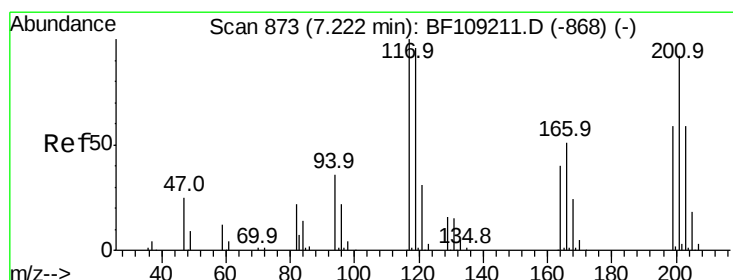
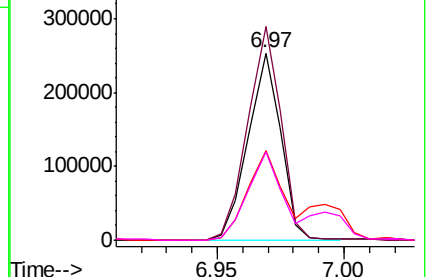
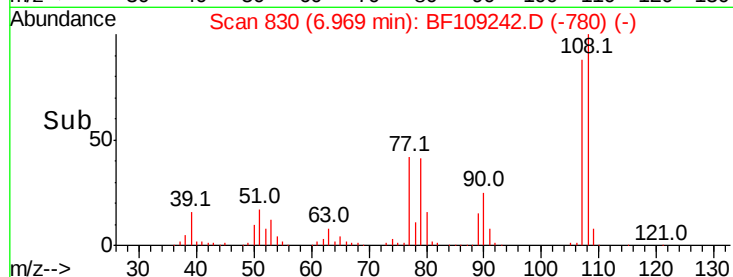


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.916 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

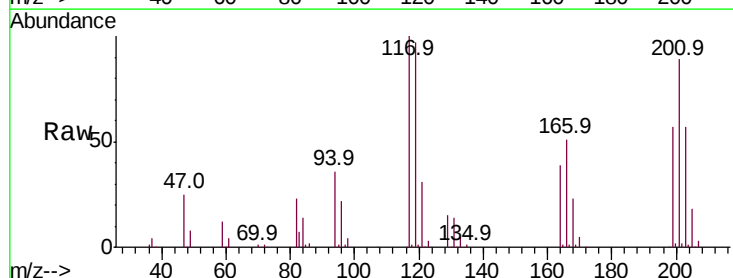
Tgt Ion:117 Resp: 104910

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

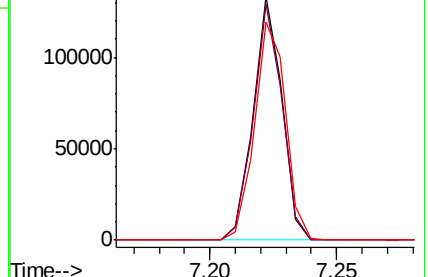
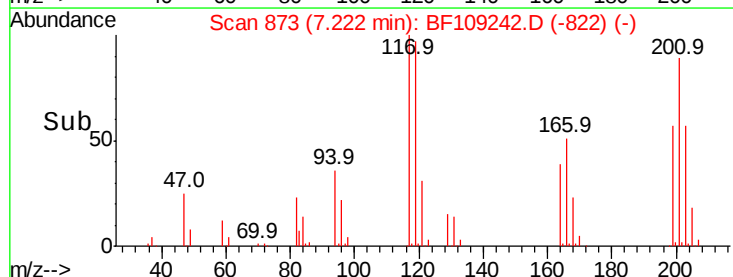
201 89.5 75.7 113.5

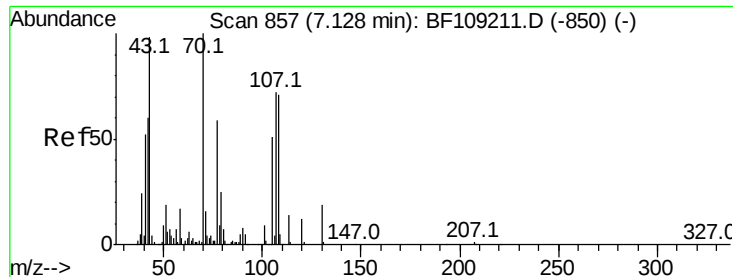


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

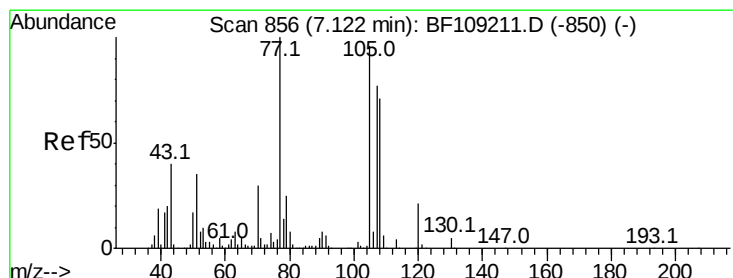
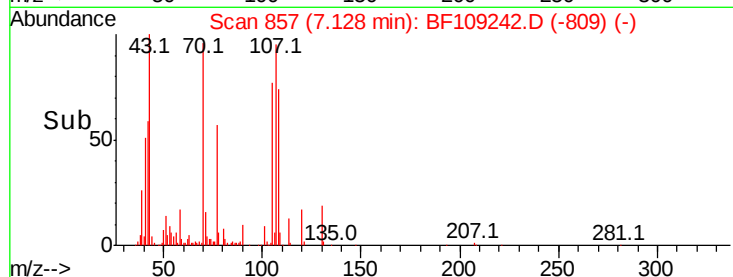
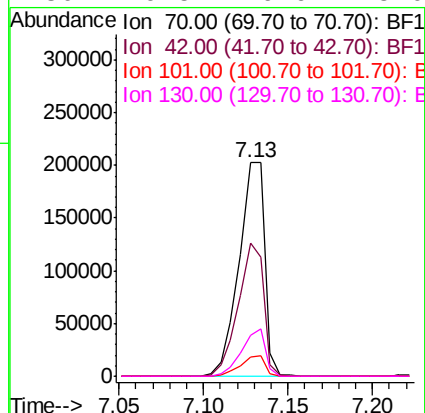
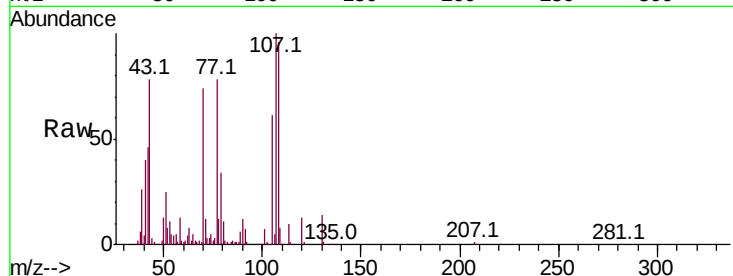




#19
n-Nitroso-di-n-propylamine
Concen: 39.057 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

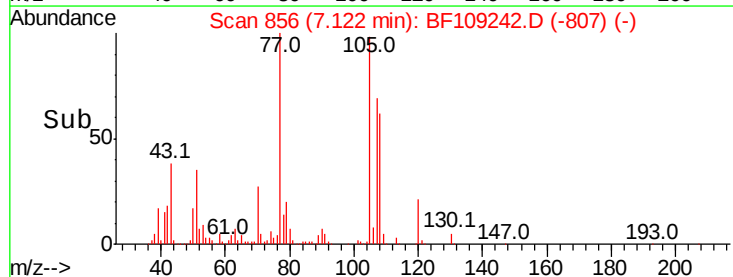
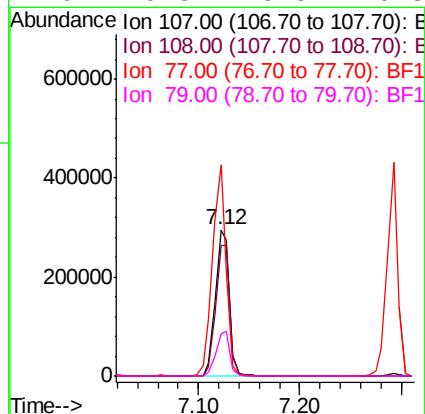
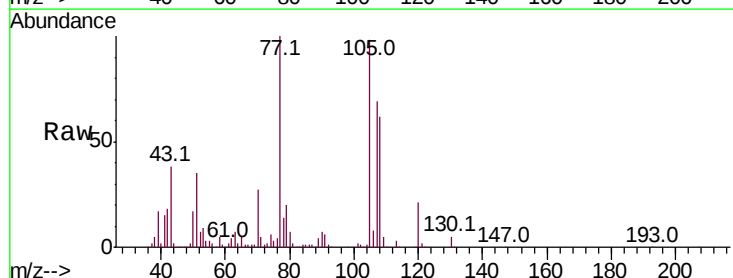
Instrument :
BNA_F
ClientSampleId :

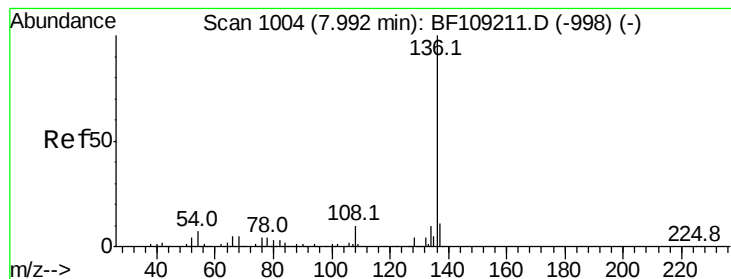
Tot Ion:	70	Resp:	215915
Ion	Ratio	Lower	Upper
70	100		
42	62.2	47.5	71.3
101	9.1	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.289 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion:	107	Resp:	282191
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	144.3	26.7	66.7#
79	29.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418613

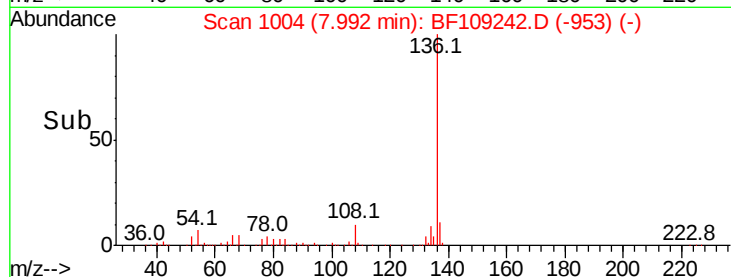
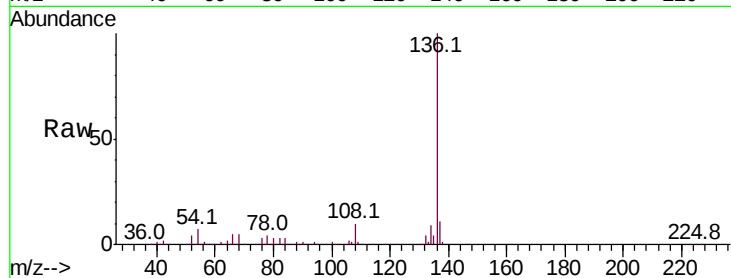
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.5 5.0 7.4

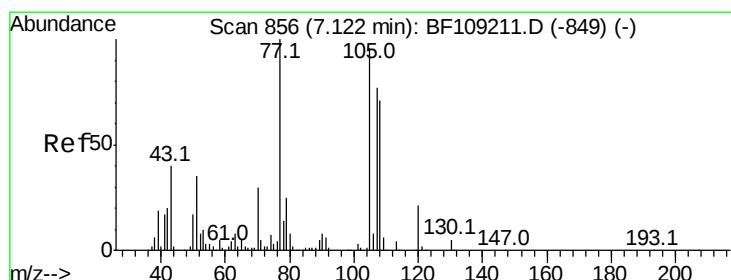
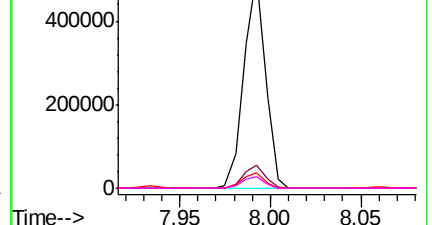


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.678 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Tgt Ion:105 Resp: 384018

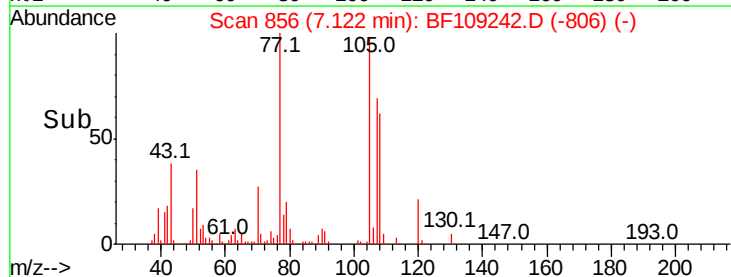
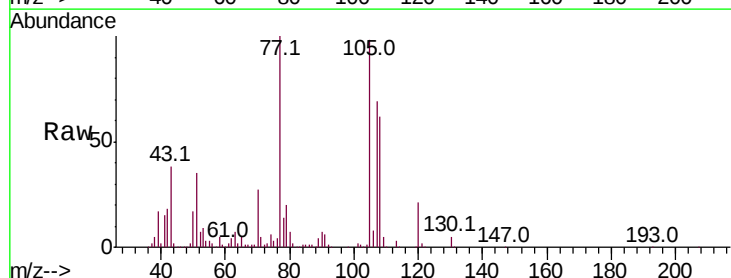
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 36.2 22.3 33.5#

120 21.8 16.9 25.3

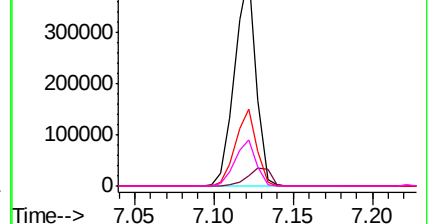


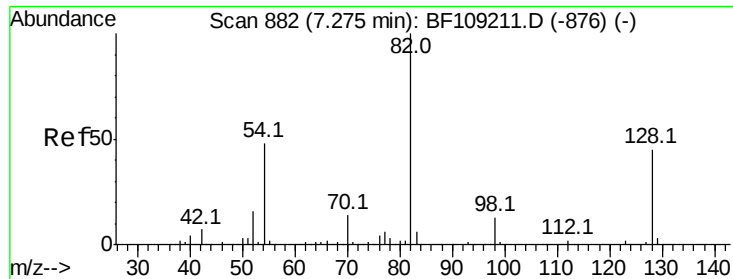
Abundance Ion 105.00 (104.70 to 105.70): E

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

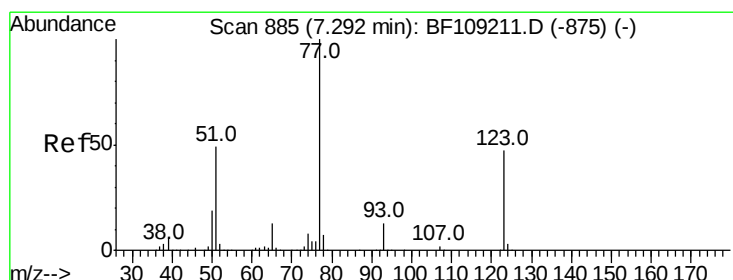
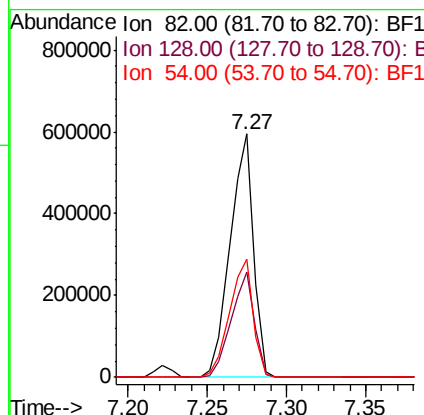
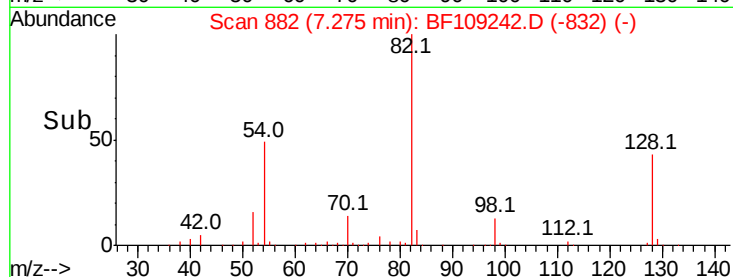
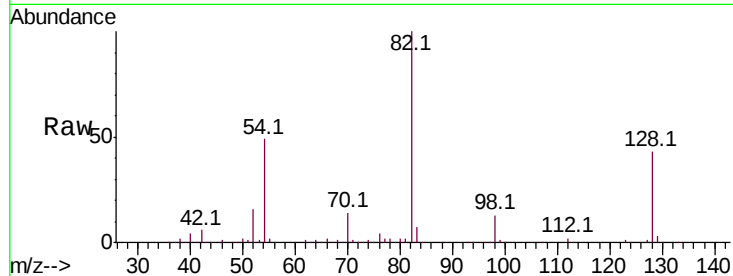




#23
 Nitrobenzene-d5
 Concen: 85.705 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

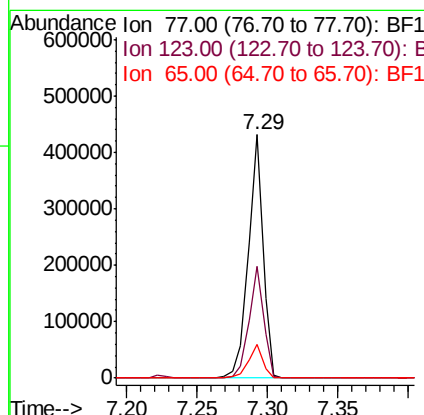
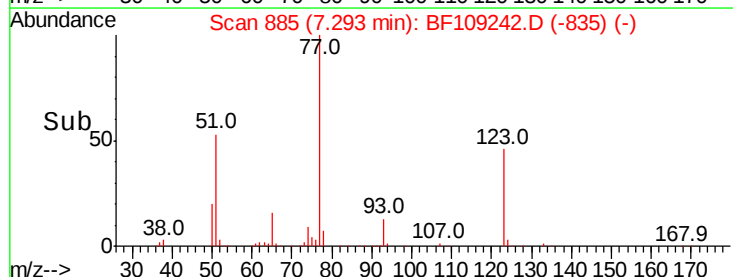
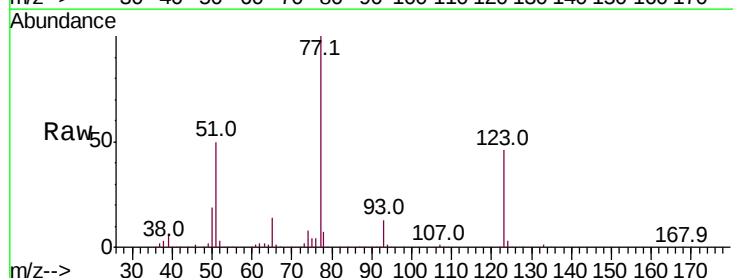
Instrument :
 BNA_F
 ClientSampleId :

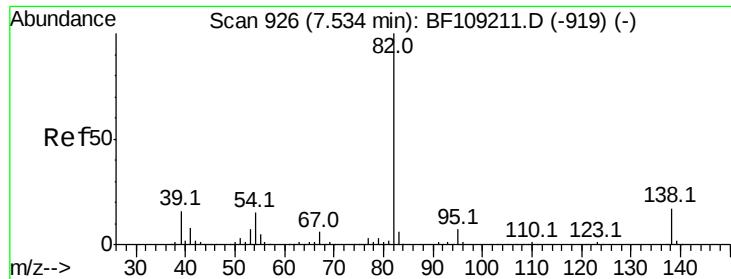
Tot Ion	82	Resp	607762
Ion Ratio	100	Lower	Upper
128	43.4	36.1	54.1
54	48.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.808 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion	77	Resp	315236
Ion Ratio	100	Lower	Upper
123	46.0	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 39.668 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

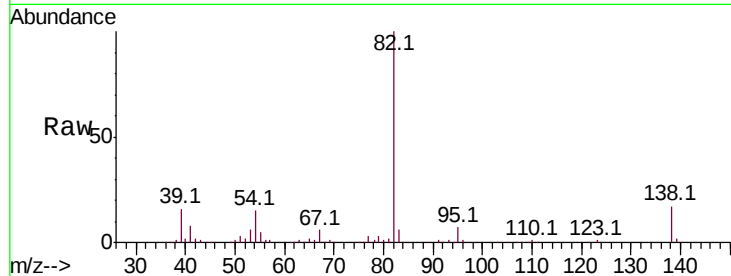
Tot Ion: 82 Resp: 506542

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

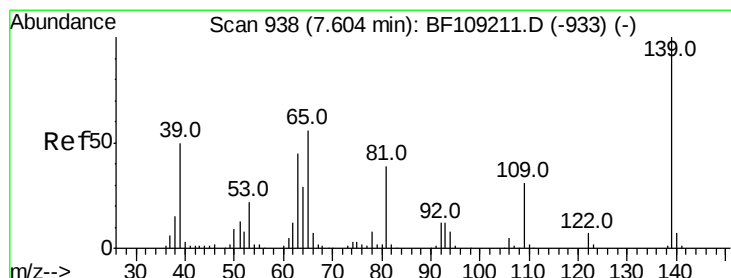
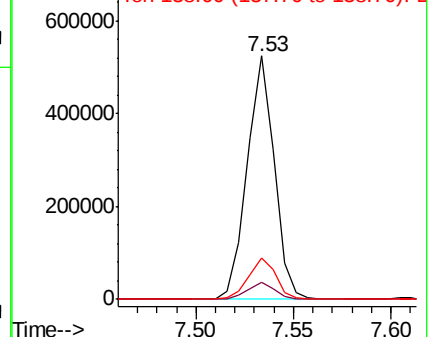
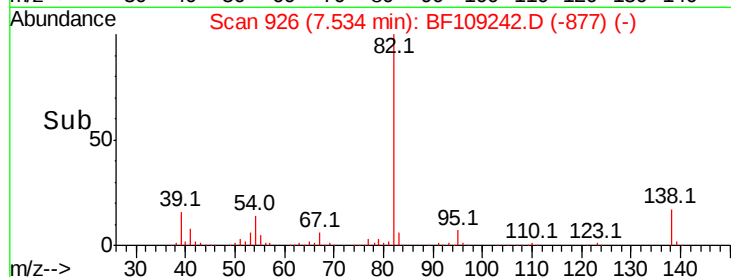
138 16.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.457 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

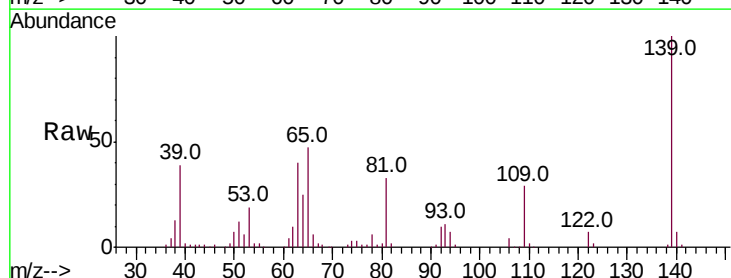
Tgt Ion: 139 Resp: 129581

Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

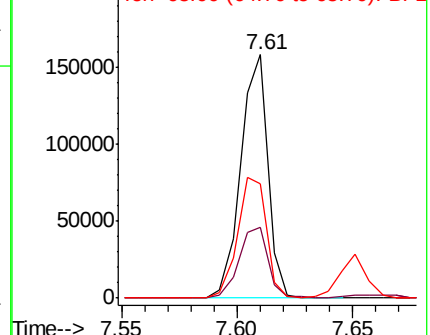
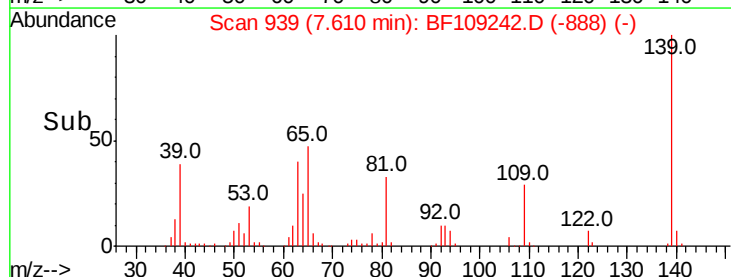
65 47.1 40.5 60.7

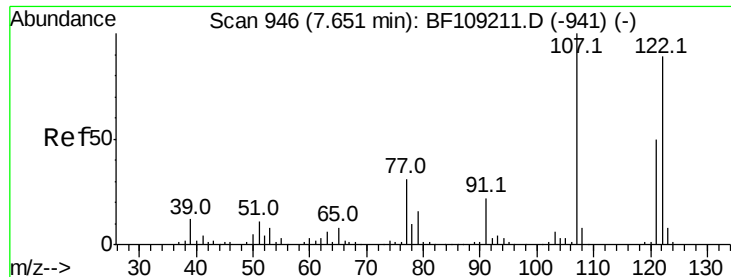


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

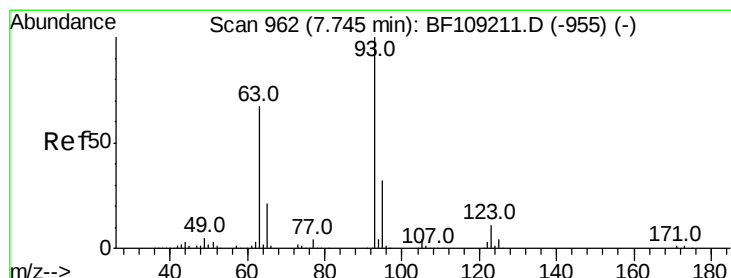
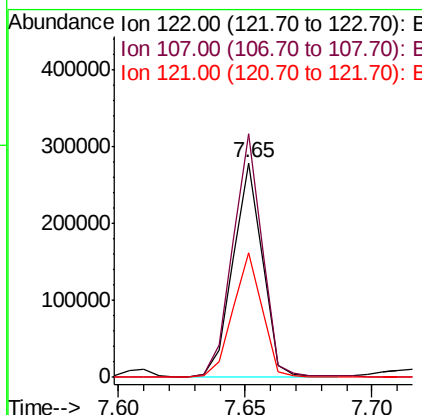
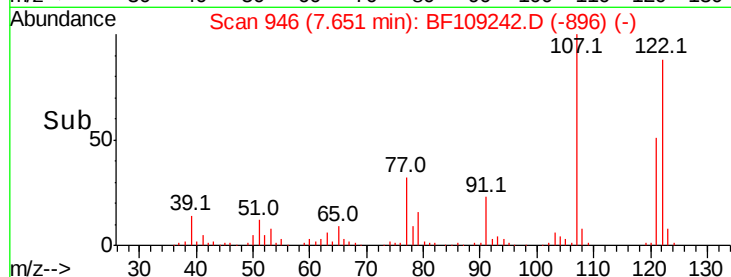
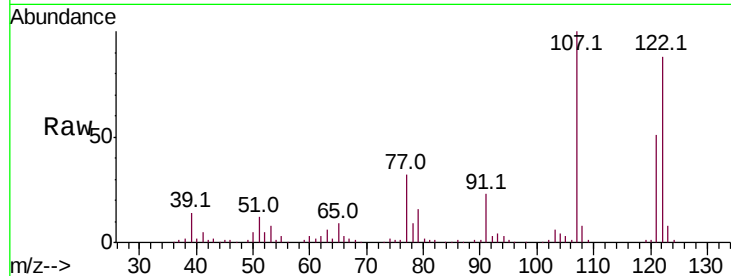




#27
 2,4-Dimethylphenol
 Concen: 40.645 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

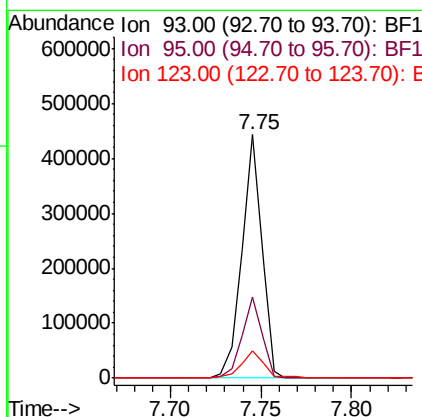
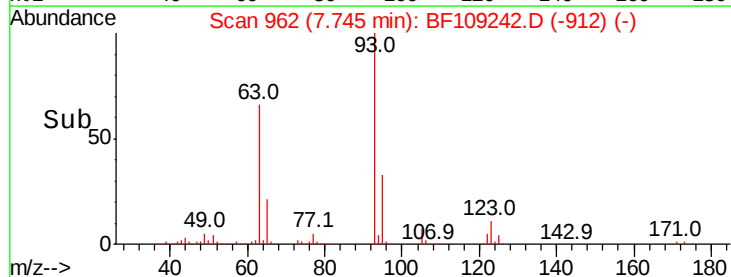
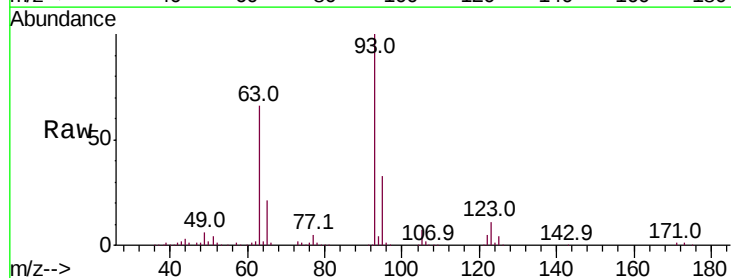
Instrument :
 BNA_F
 ClientSampleId :

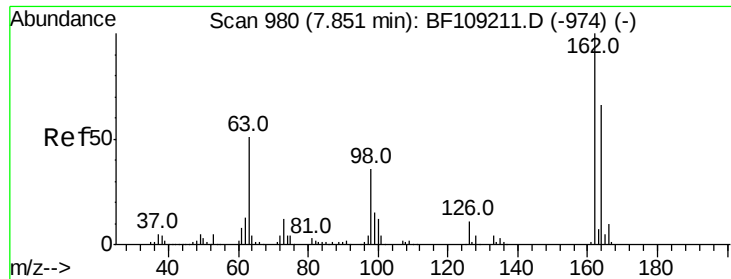
Tot Ion:	122	Resp:	226154
Ion	Ratio	Lower	Upper
122	100		
107	113.4	91.2	136.8
121	57.8	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.161 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion:	93	Resp:	339480
Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.4	9.8	14.6

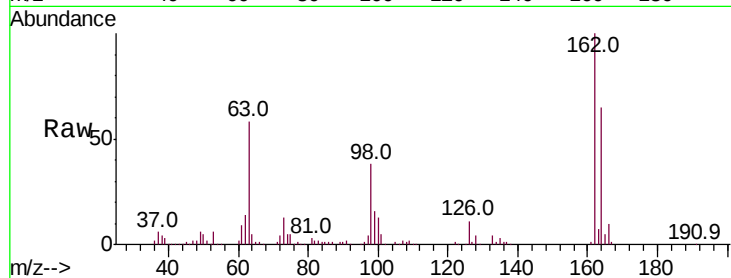




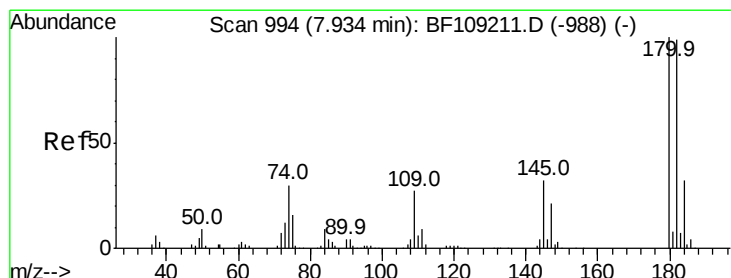
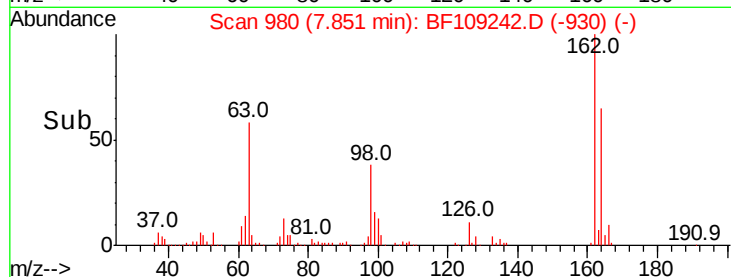
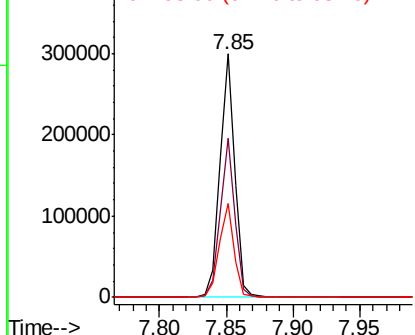
#29
 2,4-Dichlorophenol
 Concen: 40.696 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	38.4	18.1	58.1

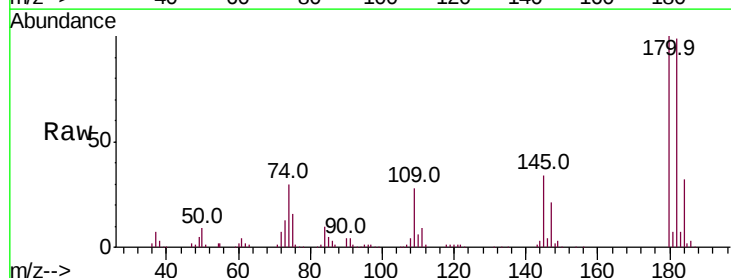


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

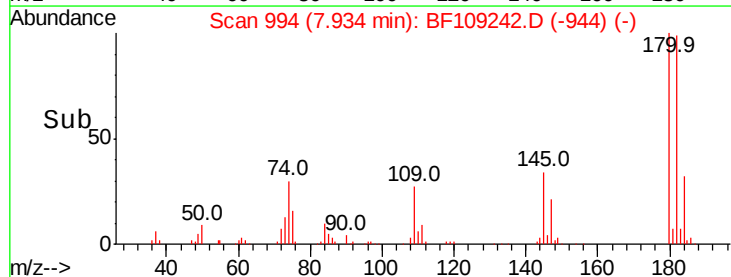
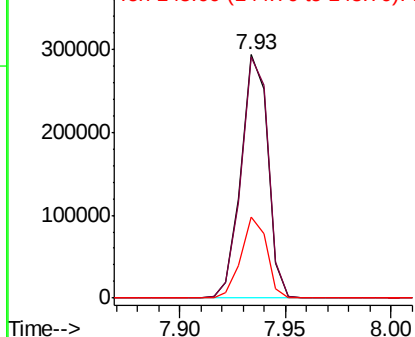


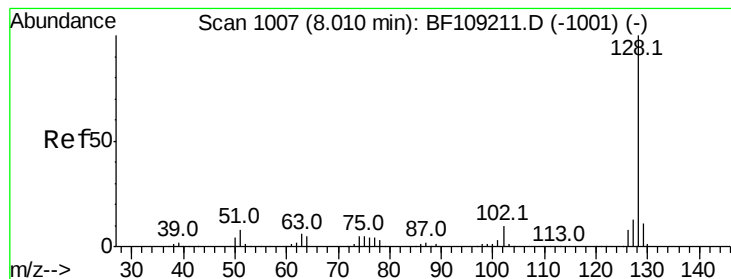
#30
 1,2,4-Trichlorobenzene
 Concen: 39.410 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.8	115.2
145	33.5	26.5	39.7



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





#31

Naphthalene

Concen: 39.428 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

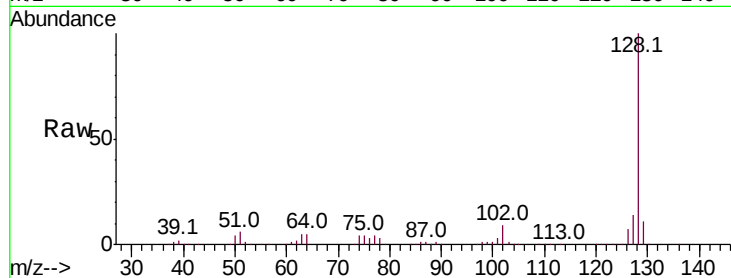
Tot Ion:128 Resp: 771270

Ion Ratio Lower Upper

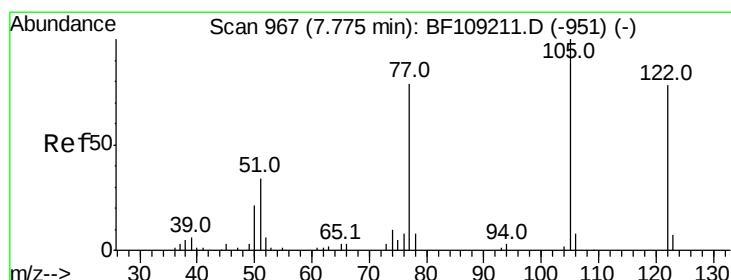
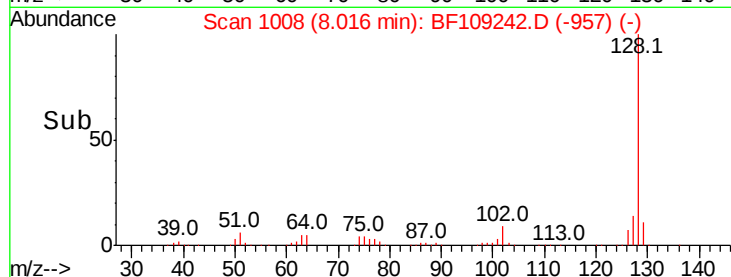
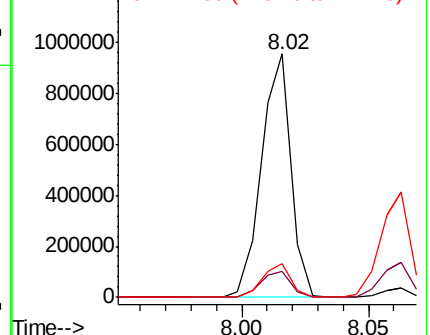
128 100

129 10.9 8.8 13.2

127 13.6 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: 13.255 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

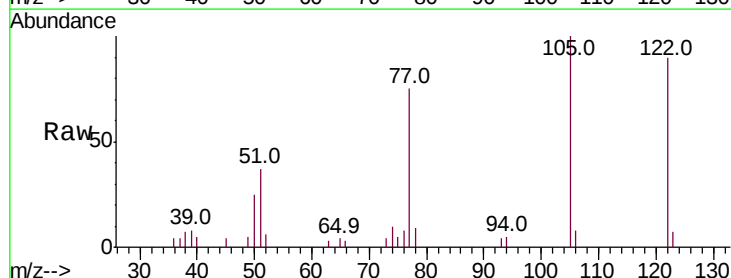
Tgt Ion:122 Resp: 28446

Ion Ratio Lower Upper

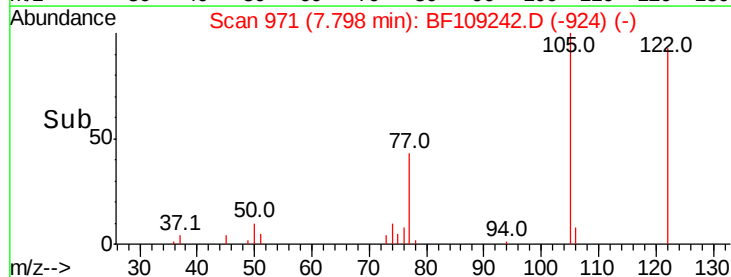
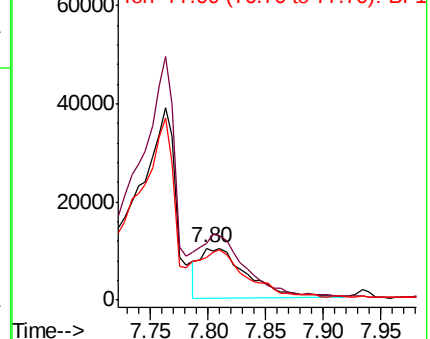
122 100

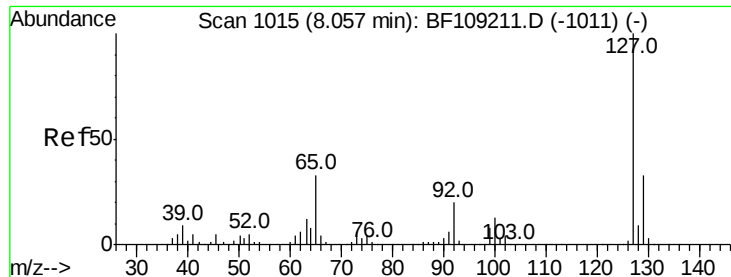
105 110.7 101.1 141.1

77 83.5 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

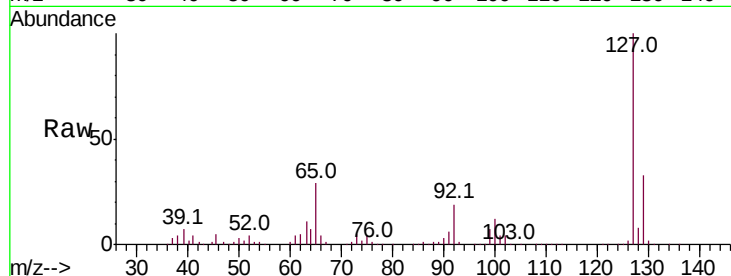




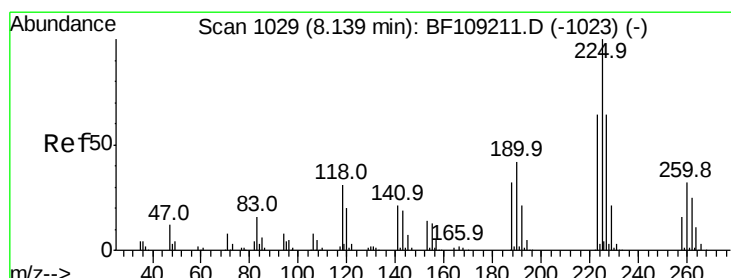
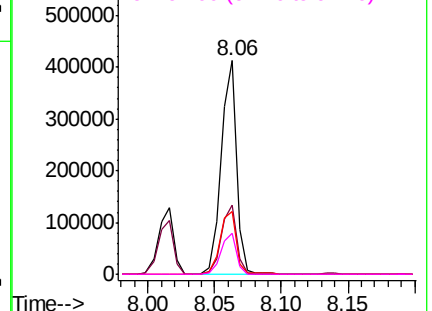
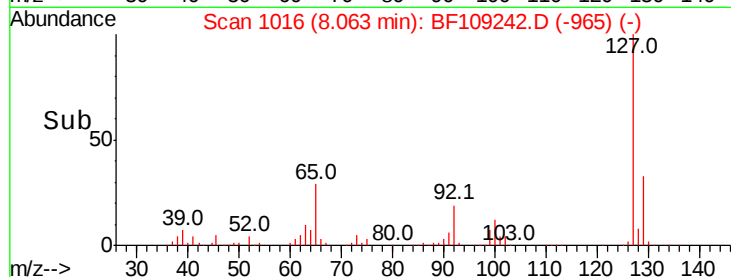
#33
4-Chloroaniline
Concen: 39.524 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	337758
Ion	Ratio	Lower Upper
127	100	
129	32.7	25.9 38.9
65	29.3	25.0 37.4
92	19.1	15.2 22.8

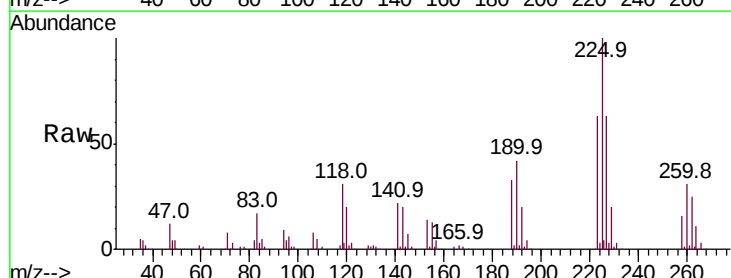


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

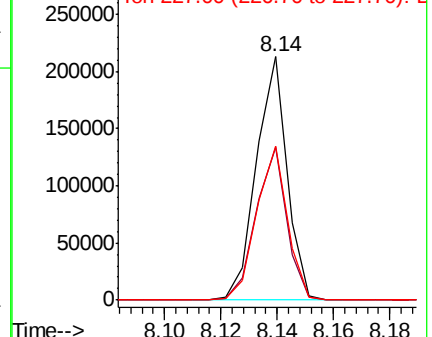
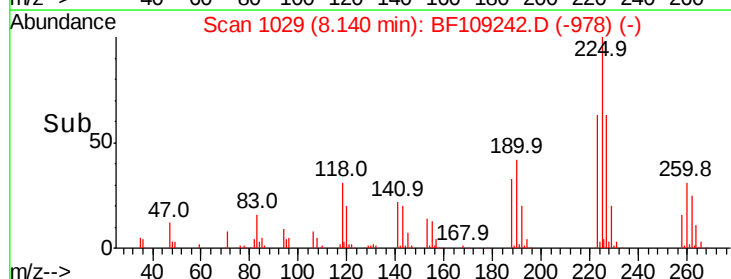


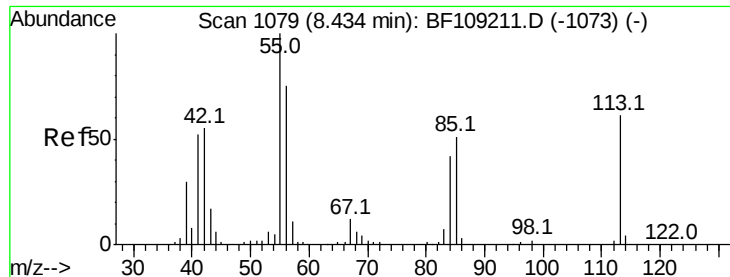
#34
Hexachlorobutadiene
Concen: 40.751 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion:225	Resp:	160478
Ion	Ratio	Lower Upper
225	100	
223	62.9	50.6 76.0
227	63.4	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

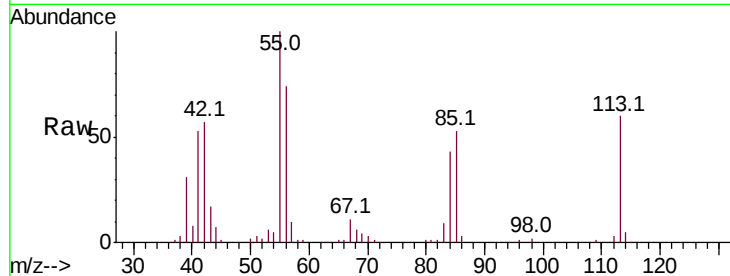




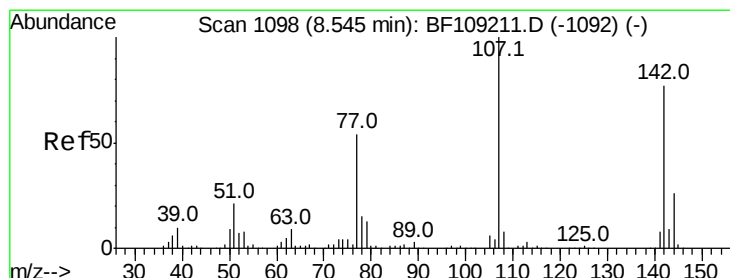
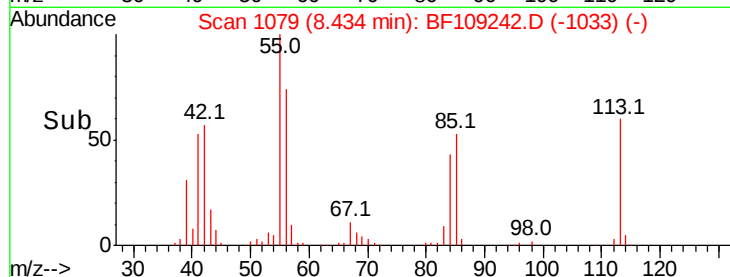
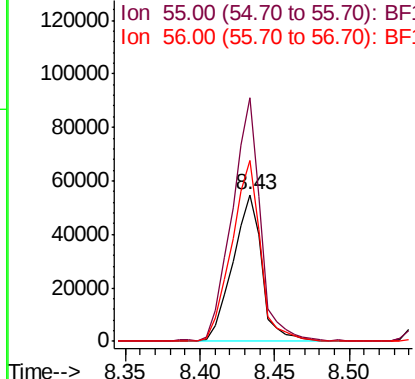
#35
 Caprolactam
 Concen: 40.033 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 74719
 Ion Ratio Lower Upper
 113 100
 55 165.8 163.3 203.3
 56 123.1 115.7 155.7

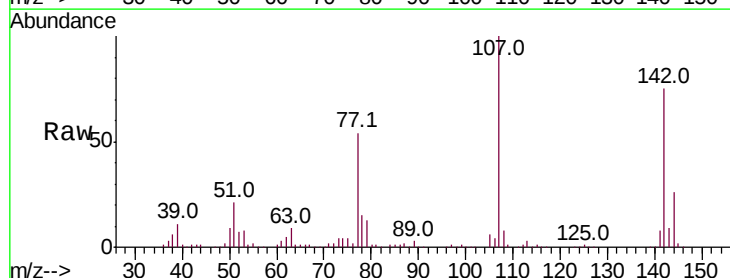


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

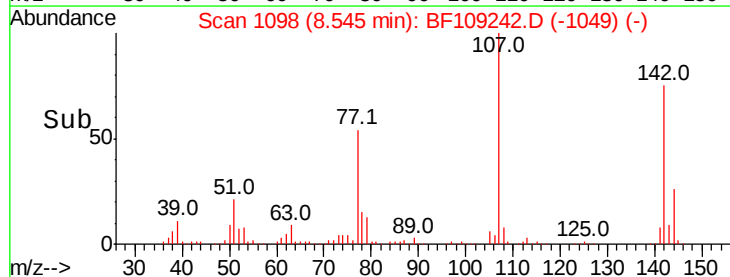
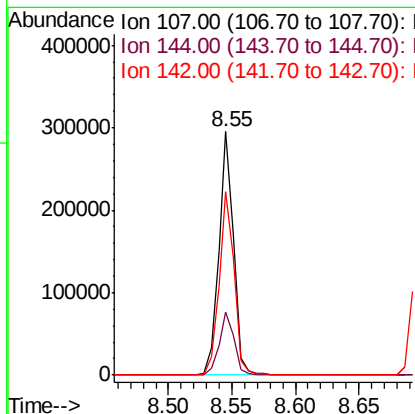


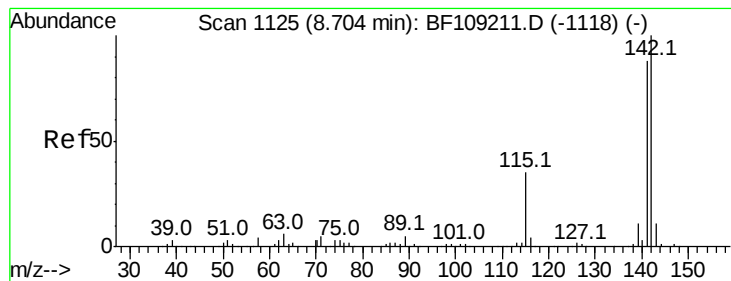
#36
 4-Chloro-3-methylphenol
 Concen: 39.674 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion:107 Resp: 244057
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 75.3 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

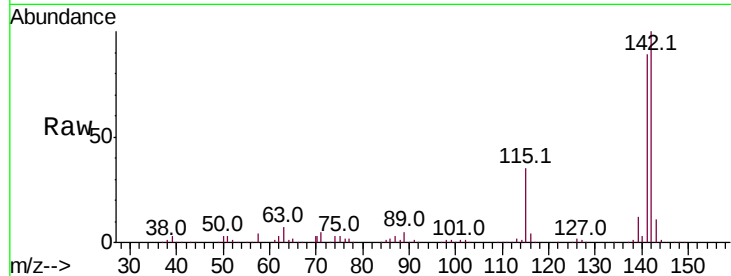




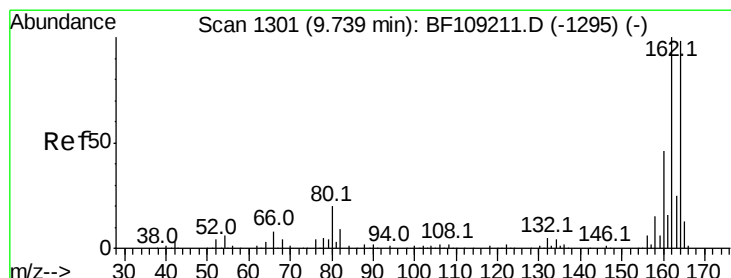
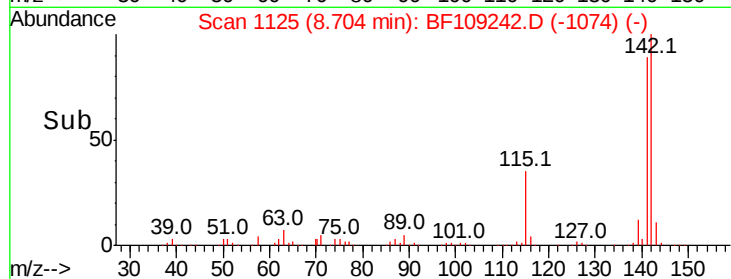
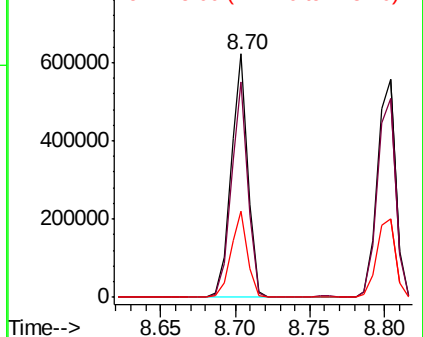
#37
2-Methylnaphthalene
Concen: 39.016 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	35.3	26.1	39.1

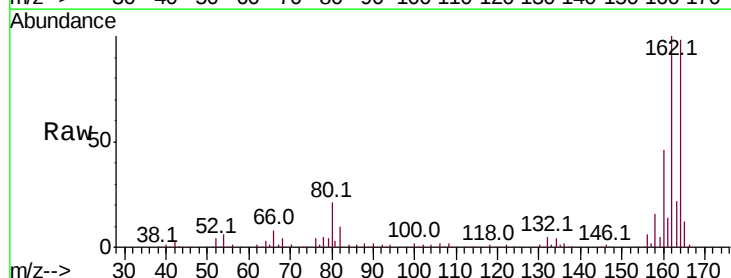


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

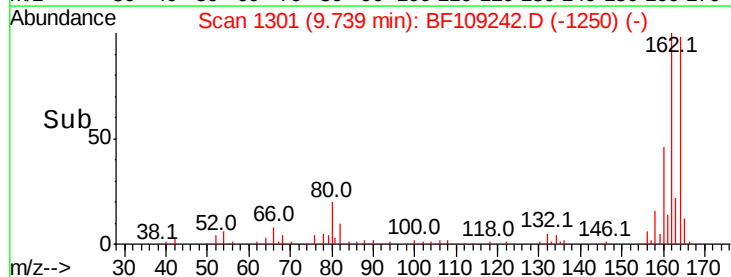
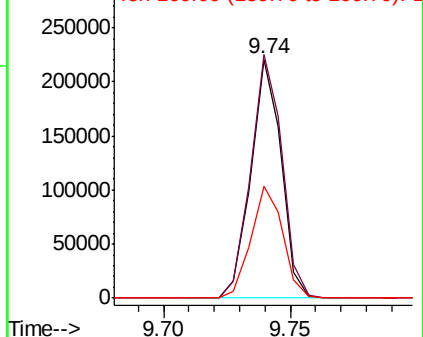


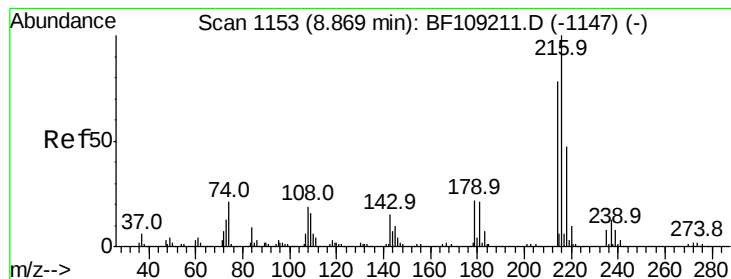
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.7	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: 43.106 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 251874

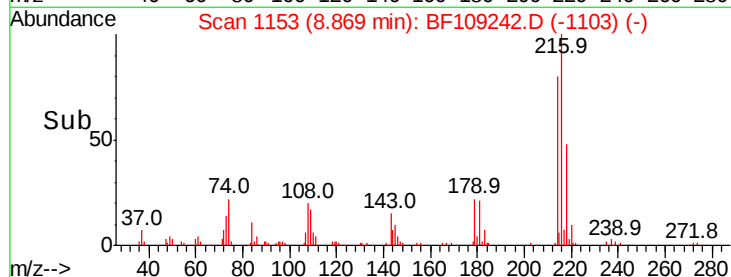
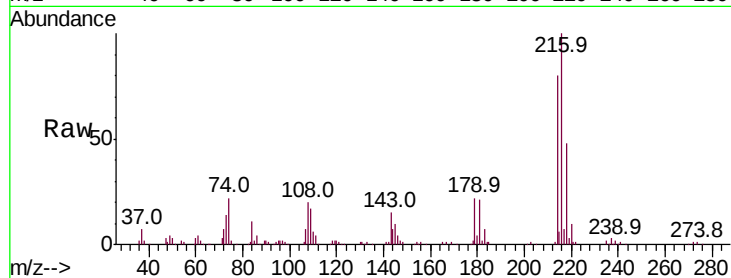
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.8 18.1 27.1

108 17.8 17.2 25.8

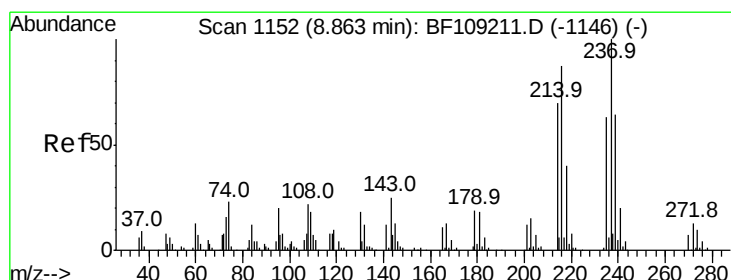
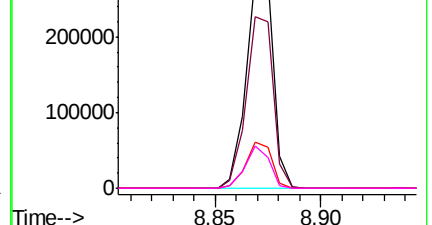


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.353 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

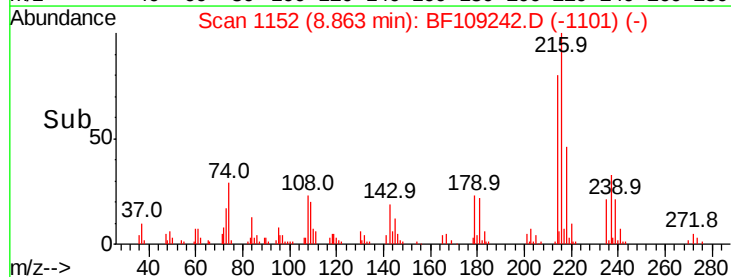
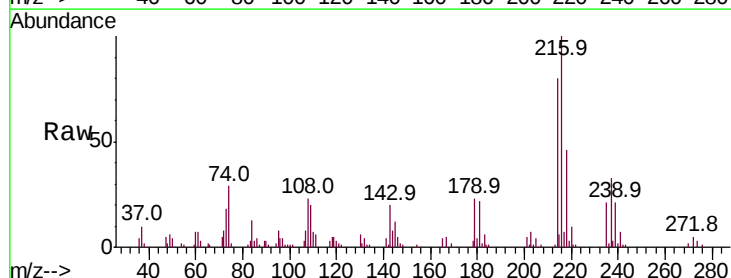
Tgt Ion:237 Resp: 23837

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

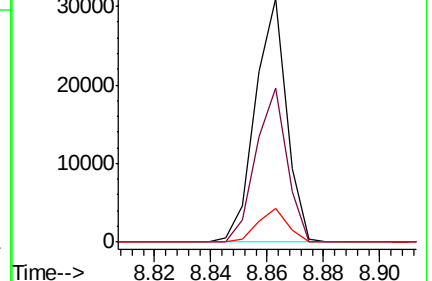
272 14.0 0.0 33.3

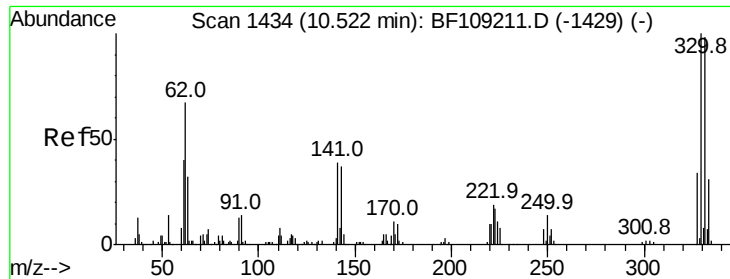


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

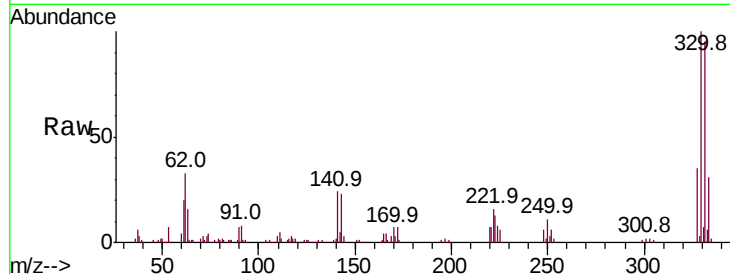




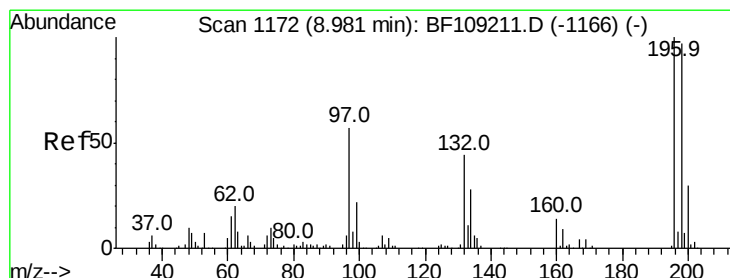
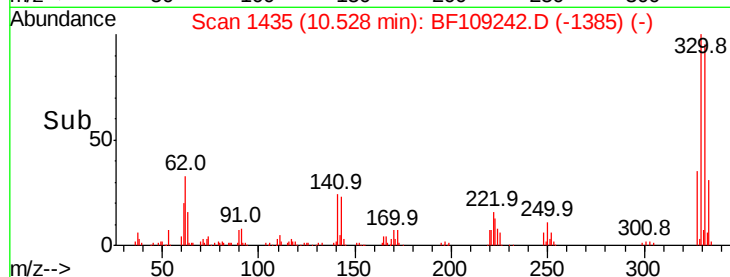
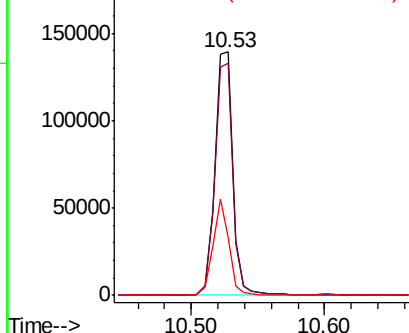
#41
 2,4,6-Tribromophenol
 Concen: 73.266 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.5	29.9	44.9

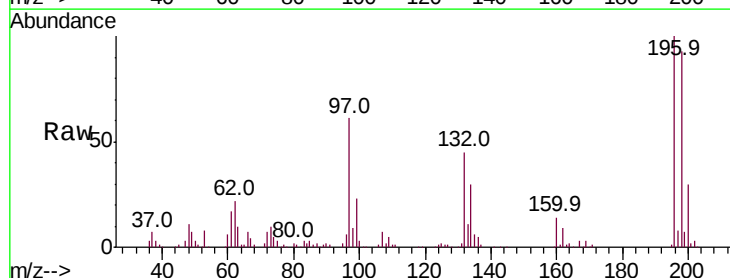


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

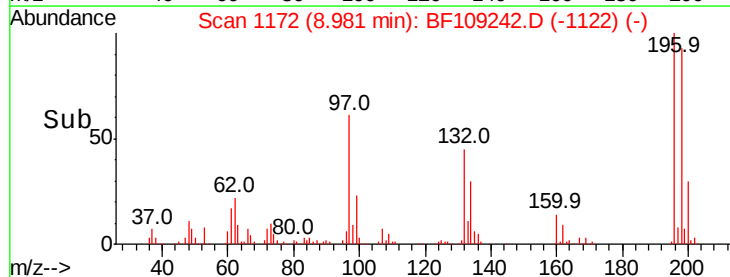
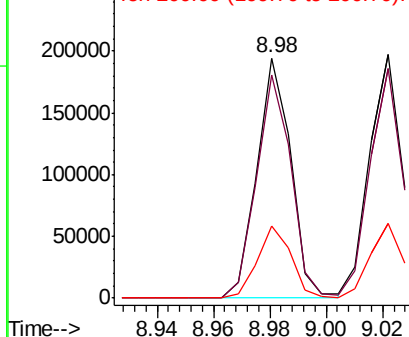


#42
 2,4,6-Trichlorophenol
 Concen: 43.309 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	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

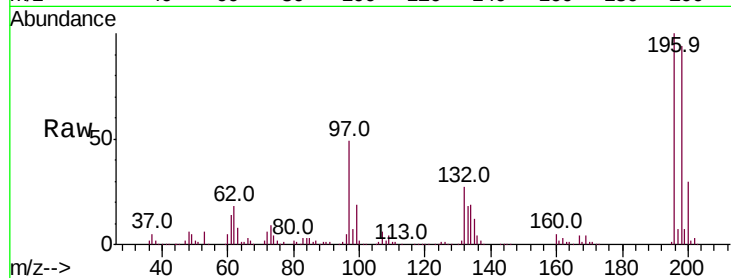




#43
 2,4,5-Trichlorophenol
 Concen: 41.831 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	165679
Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	49.1	42.9	64.3
132	27.5	26.3	39.5



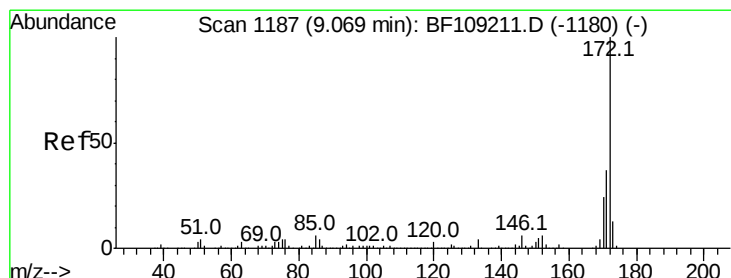
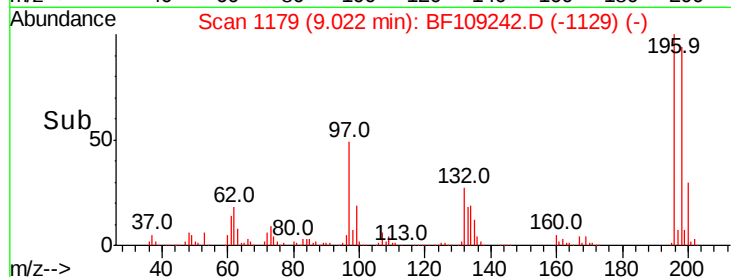
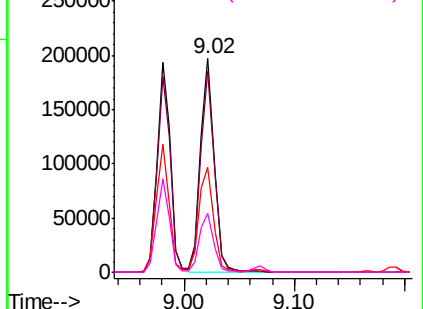
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

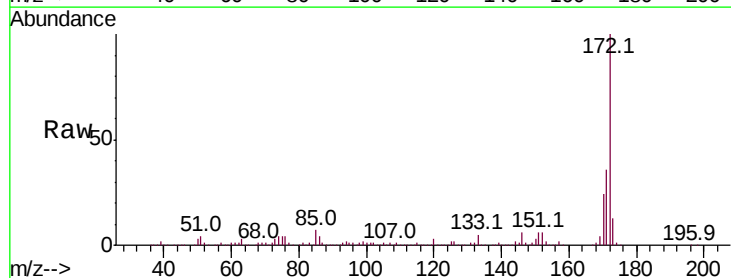
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.617 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion:	172	Resp:	1054433
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

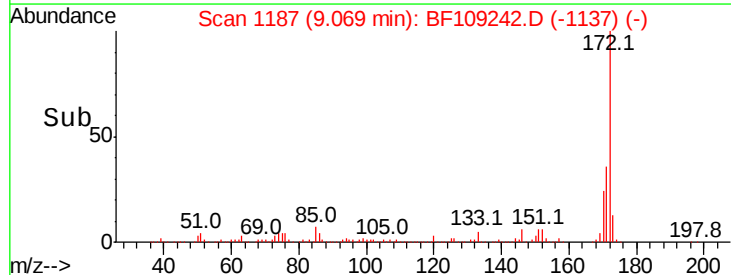
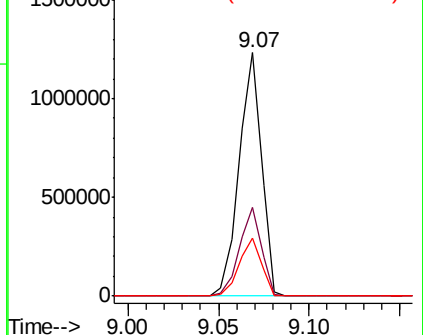


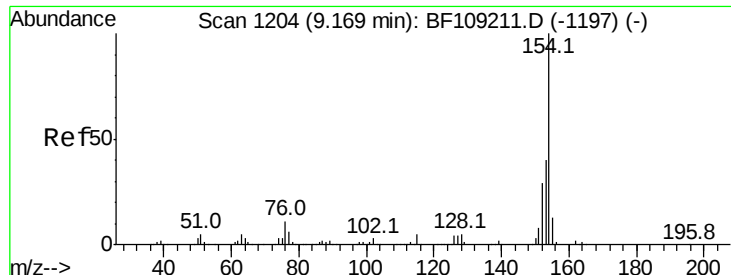
Abundance

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: 41.988 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

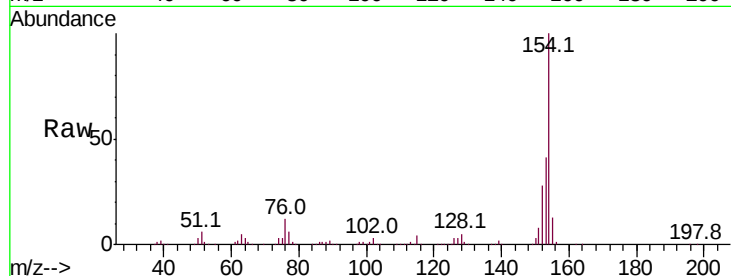
Tot Ion:154 Resp: 628101

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

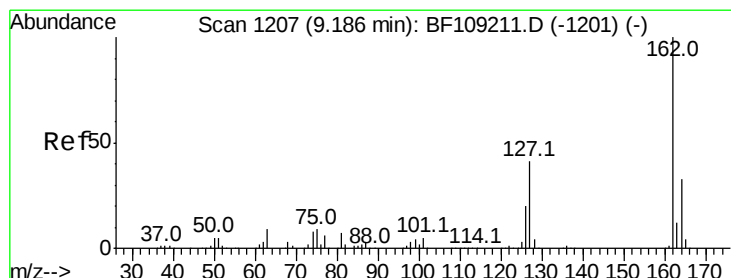
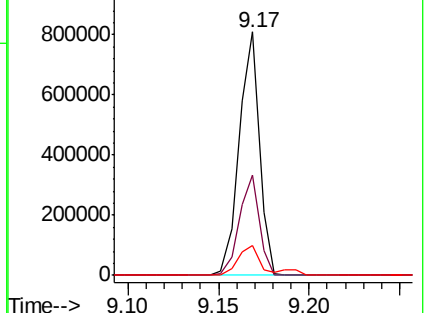
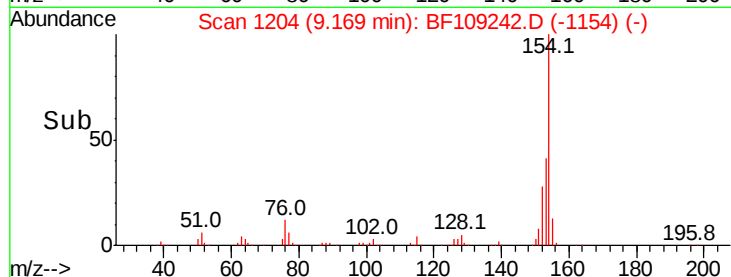
76 12.0 0.0 34.0



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: 41.083 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

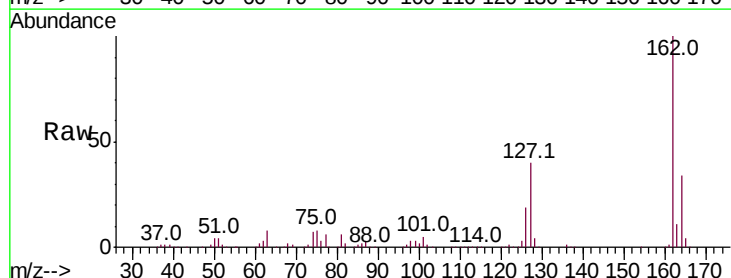
Tgt Ion:162 Resp: 490967

Ion Ratio Lower Upper

162 100

127 39.9 33.9 50.9

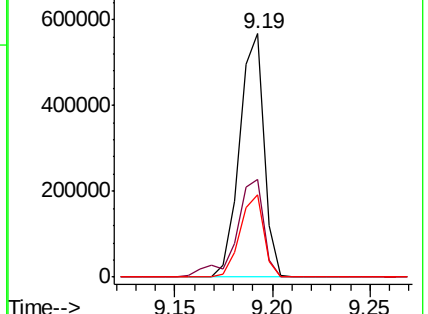
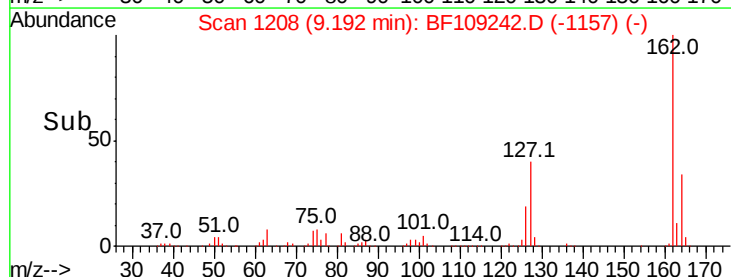
164 33.7 26.5 39.7

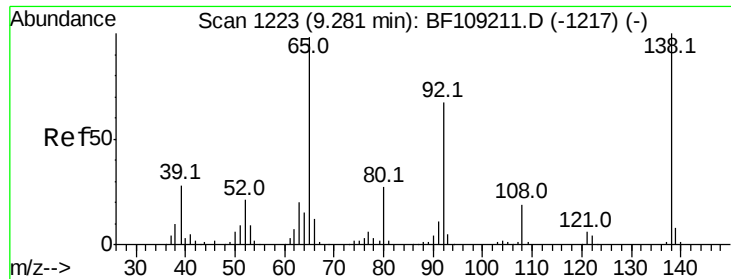


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

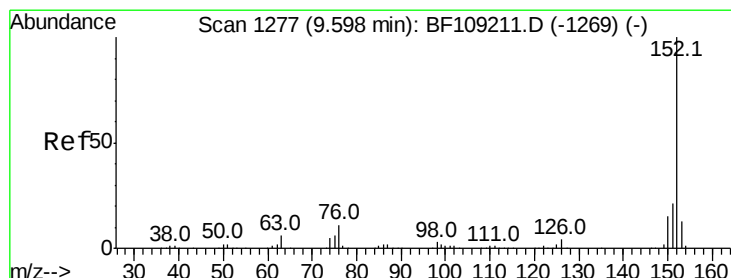
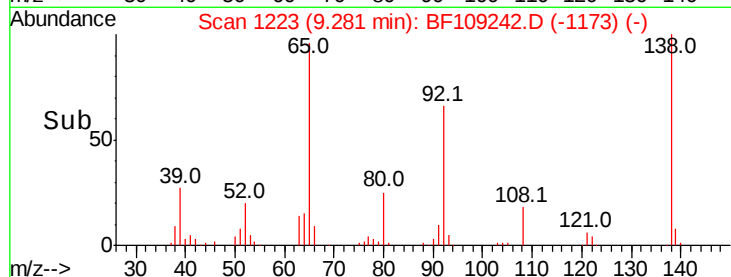
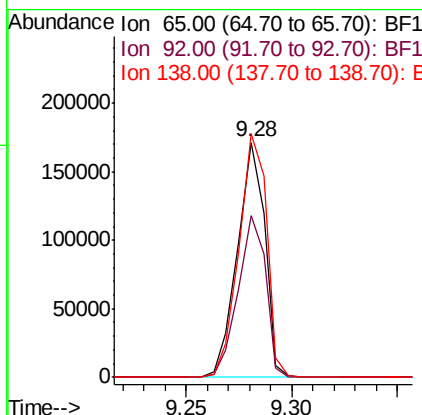
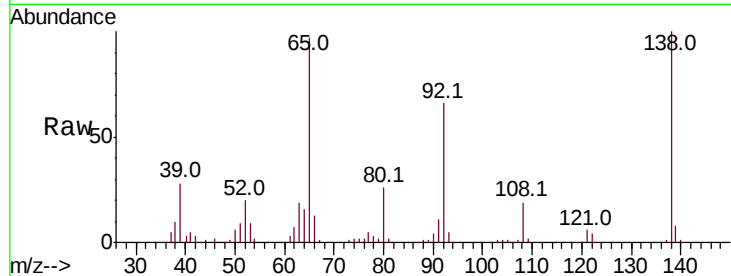




#47
 2-Nitroaniline
 Concen: 45.308 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

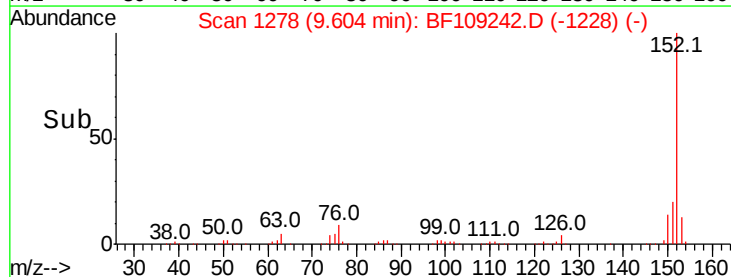
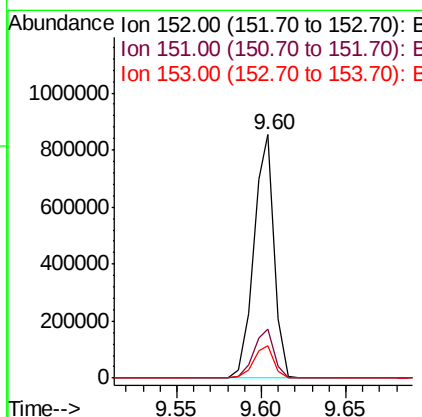
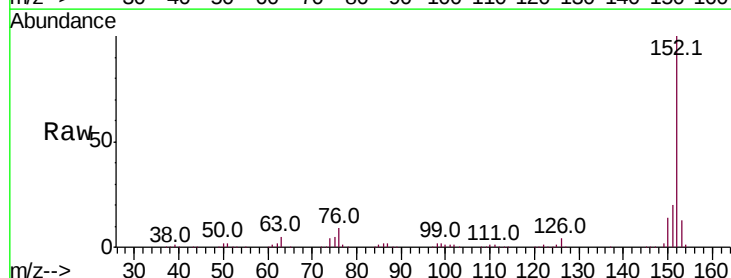
Instrument :
 BNA_F
 ClientSampleId :

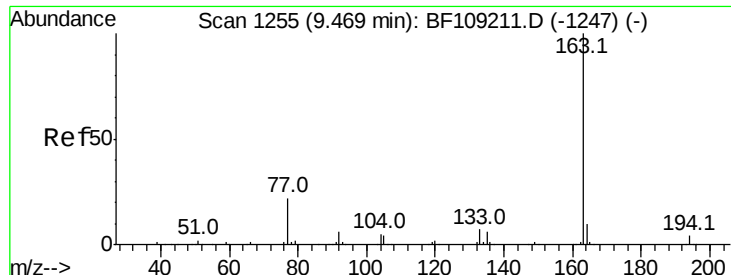
Tot Ion: 65 Resp: 153512
 Ion Ratio Lower Upper
 65 100
 92 68.7 55.8 83.6
 138 103.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.700 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion: 152 Resp: 715722
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.2 10.7 16.1

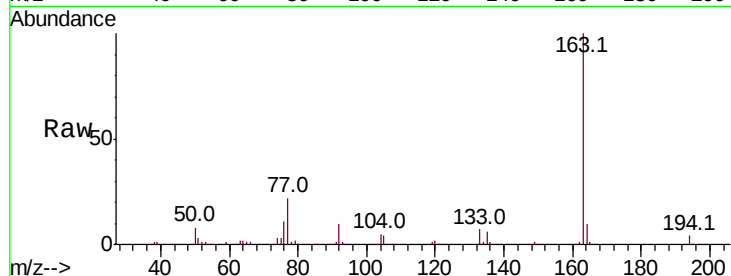




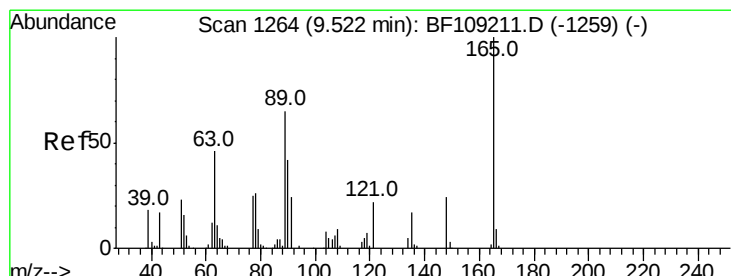
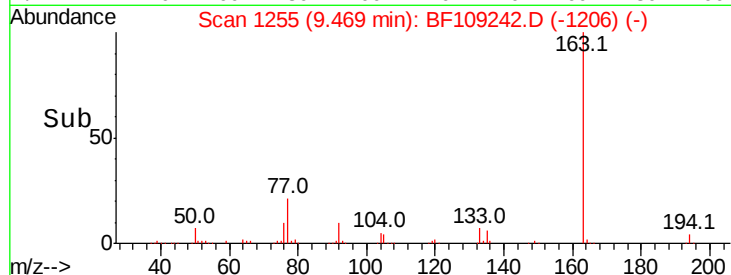
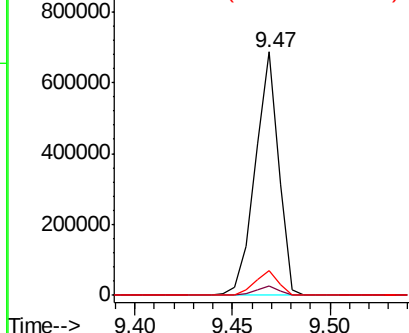
#49
Dimethylphthalate
Concen: 42.479 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2

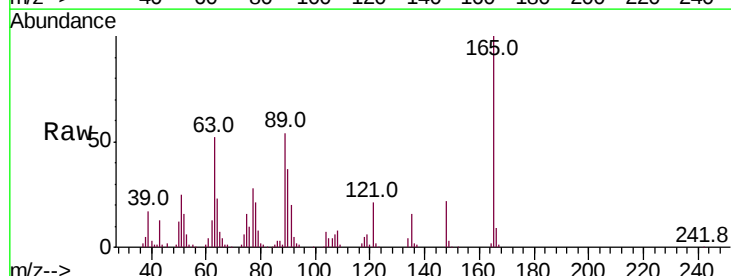


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

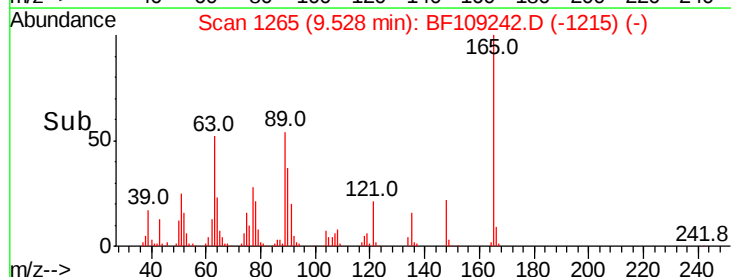
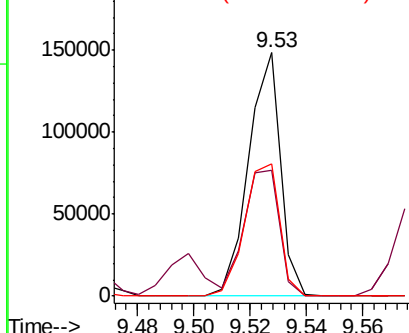


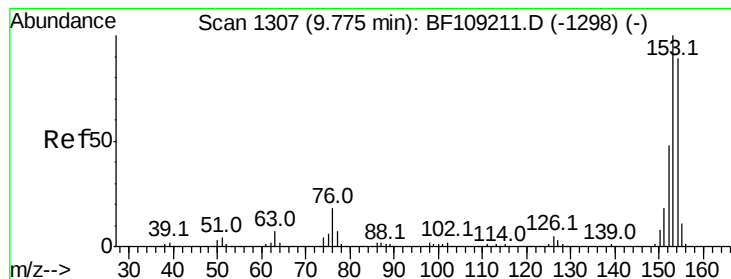
#50
2,6-Dinitrotoluene
Concen: 43.998 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	44.7	67.1
89	54.1	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: 38.762 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

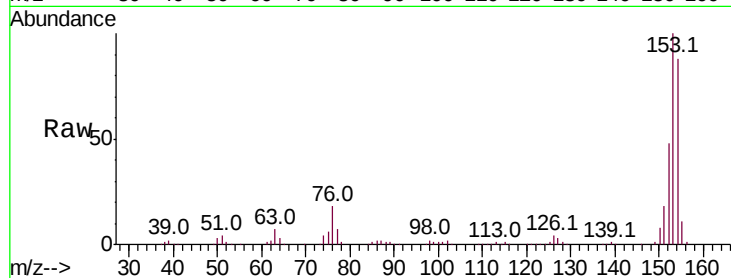
Tot Ion:154 Resp: 422500

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

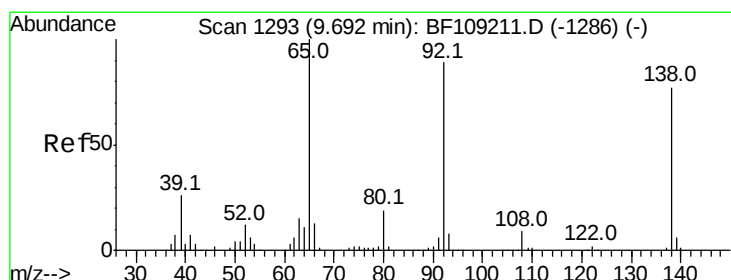
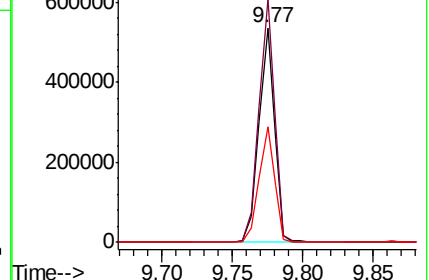
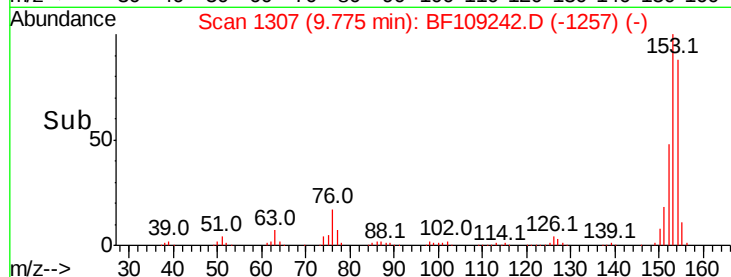
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.541 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

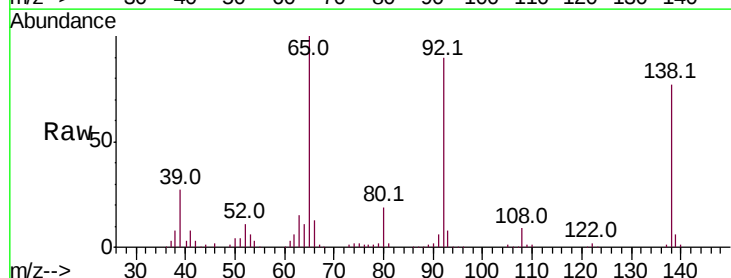
Tgt Ion:138 Resp: 136423

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

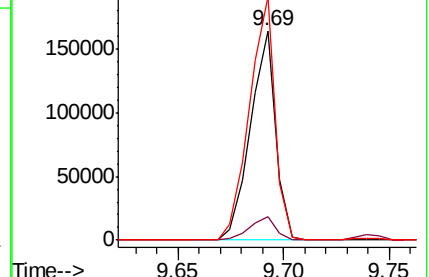
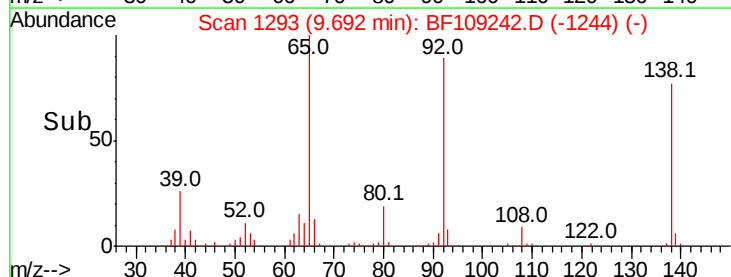
92 116.3 89.4 134.2

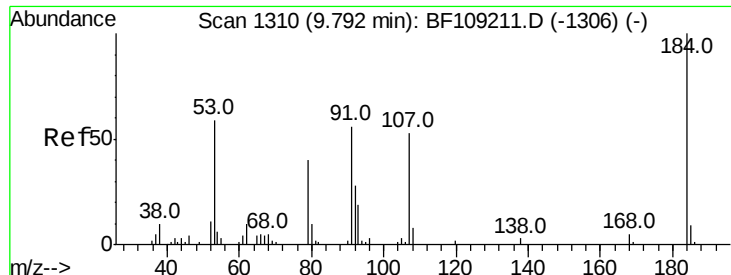


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

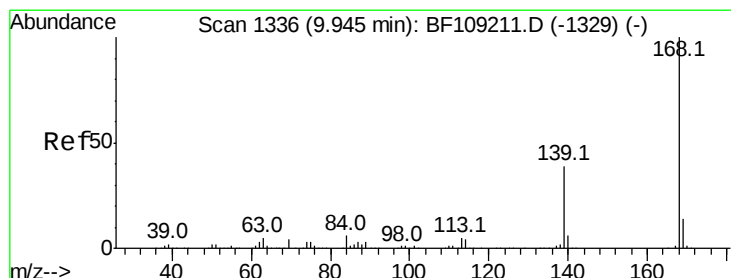
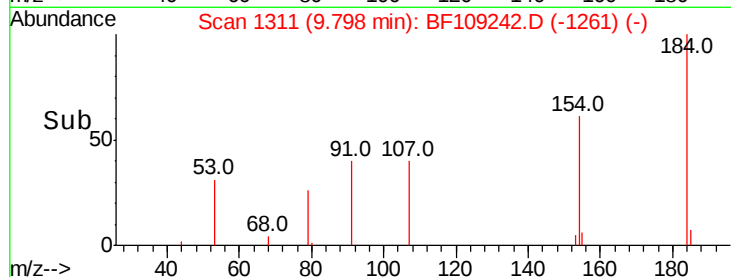
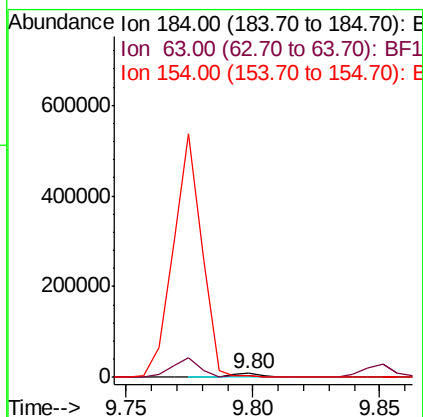
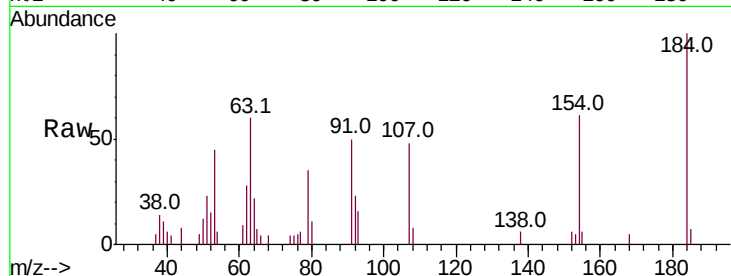




#53
2,4-Dinitrophenol
Concen: 14.813 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

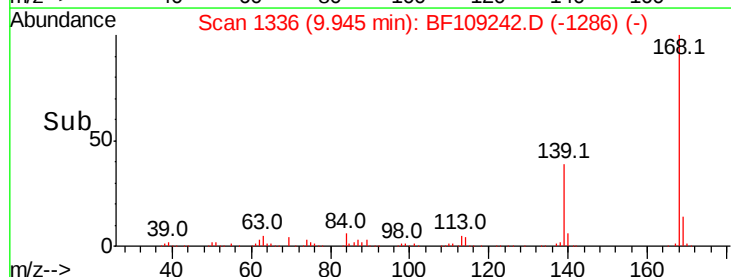
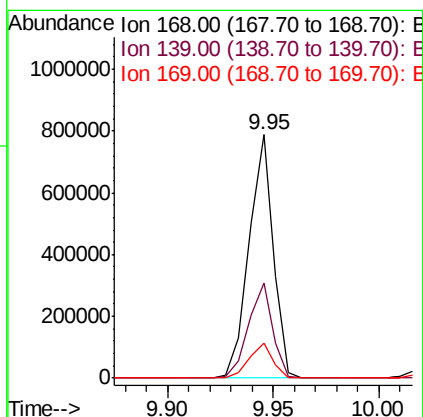
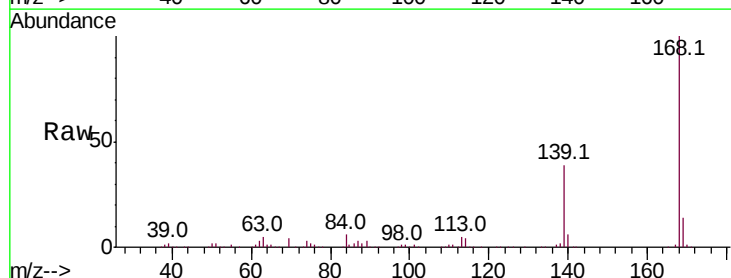
Instrument :
BNA_F
ClientSampleId :

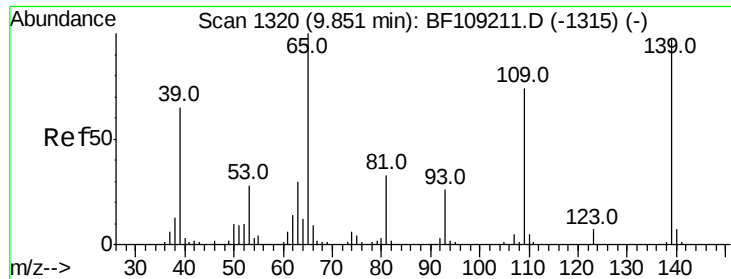
Tot Ion:184 Resp: 6623
Ion Ratio Lower Upper
184 100
63 60.0 54.2 81.2
154 60.9 184.0 276.0#



#54
Dibenzofuran
Concen: 38.668 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion:168 Resp: 626805
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.3 10.9 16.3

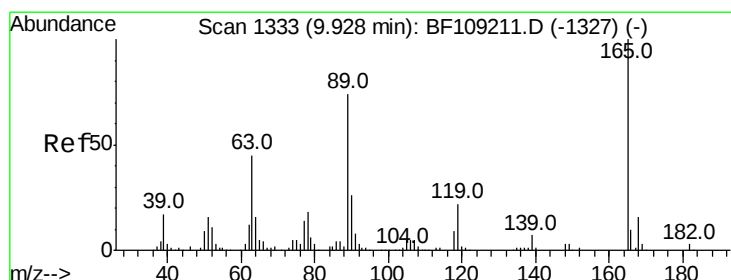
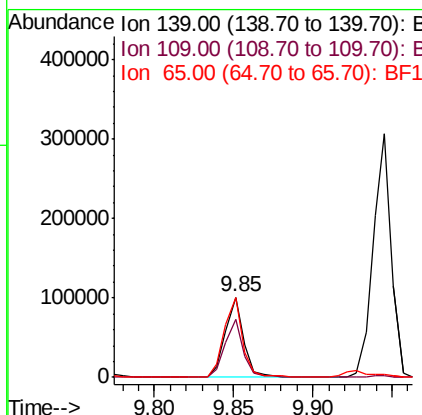
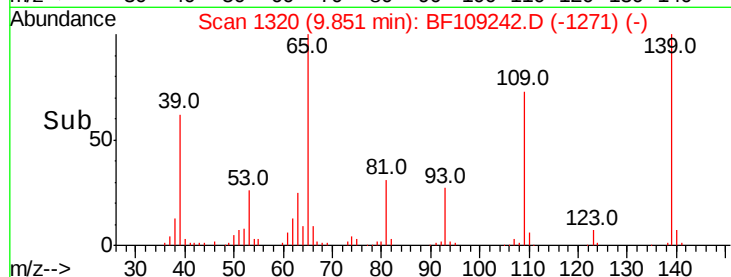
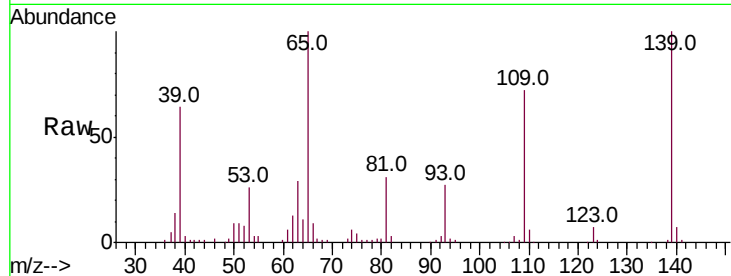




#55
4-Nitrophenol
Concen: 35.370 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

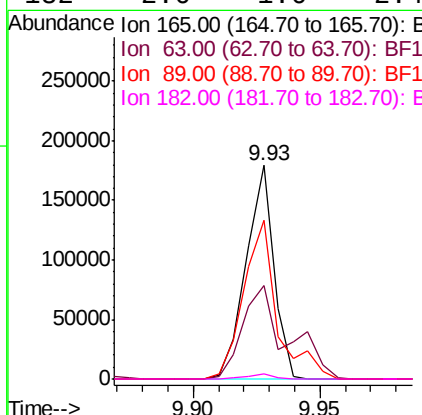
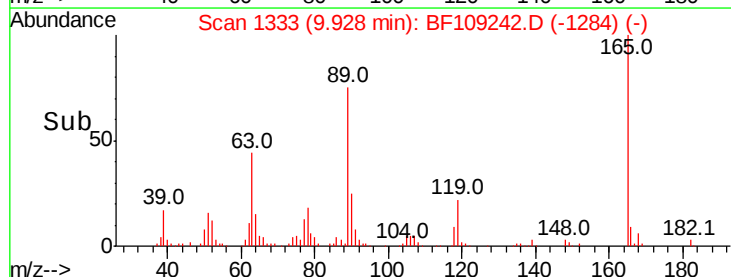
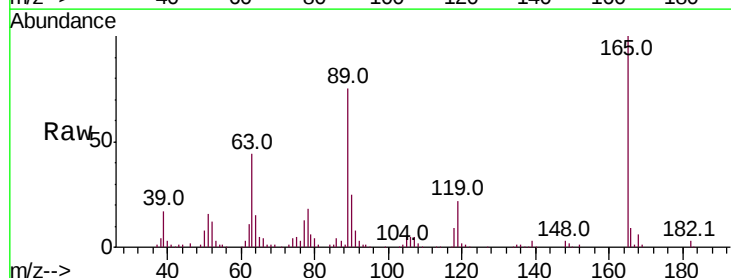
Instrument :
BNA_F
ClientSampleId :

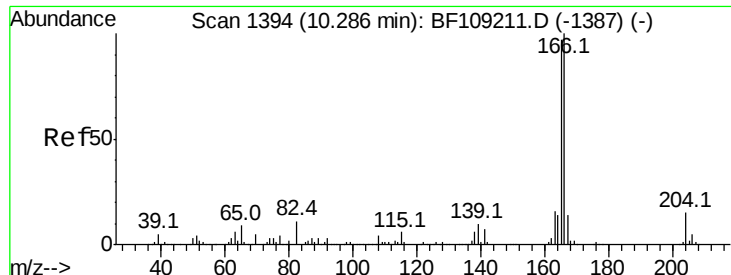
Tot Ion:139 Resp: 81610
Ion Ratio Lower Upper
139 100
109 72.5 48.4 88.4
65 100.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.993 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion:165 Resp: 137179
Ion Ratio Lower Upper
165 100
63 43.5 36.4 54.6
89 74.6 57.8 86.6
182 2.6 1.6 2.4#

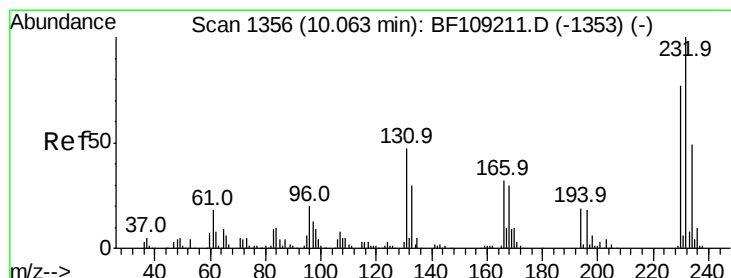
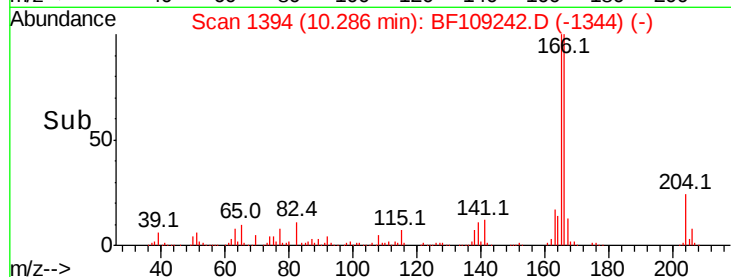
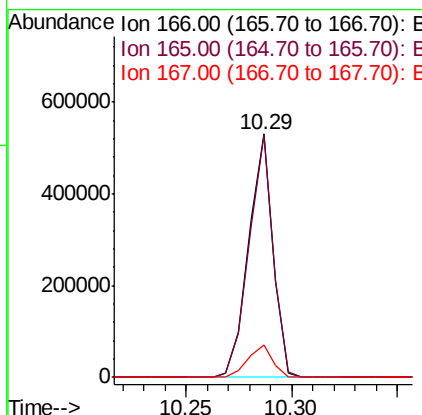
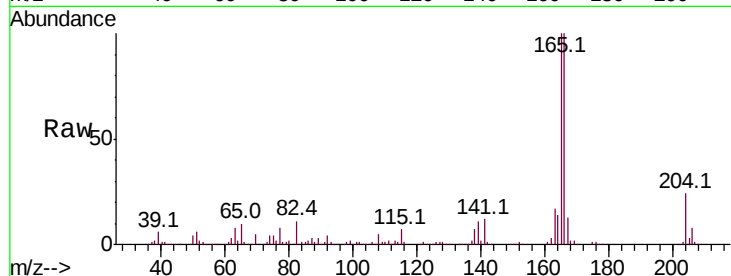




#57
 Fluorene
 Concen: 36.835 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

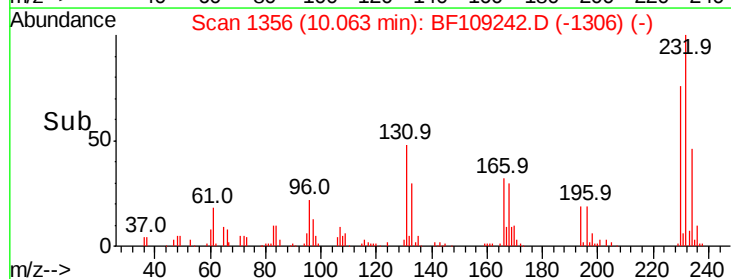
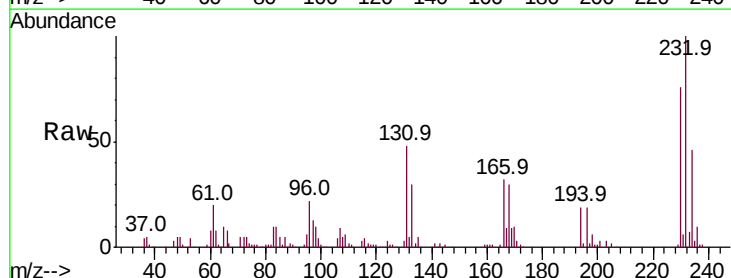
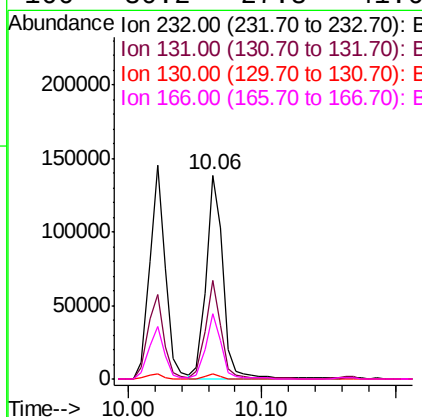
Instrument :
 BNA_F
 ClientSampleId :

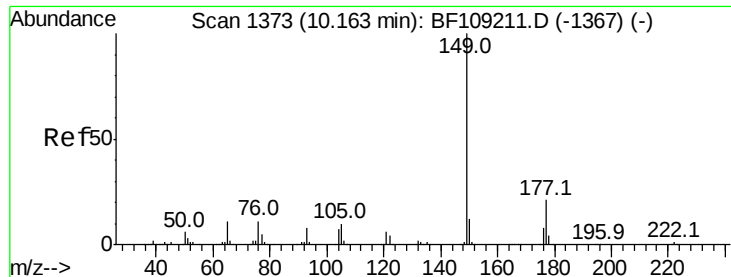
Tot Ion:166 Resp: 426027
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.575 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion:232 Resp: 120971
 Ion Ratio Lower Upper
 232 100
 131 45.9 43.8 65.8
 130 2.1 2.1 3.1
 166 30.2 27.8 41.6

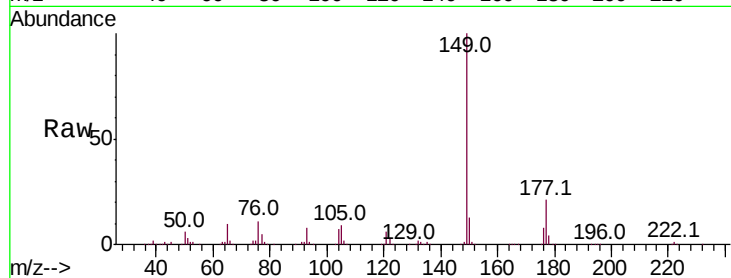




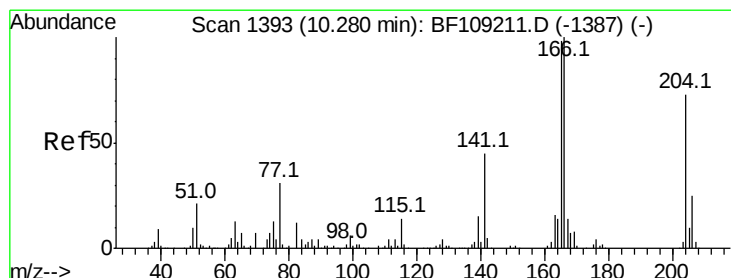
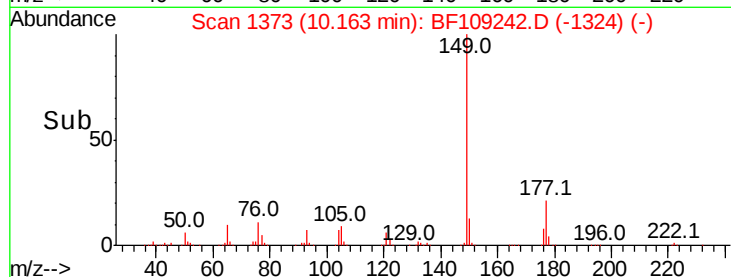
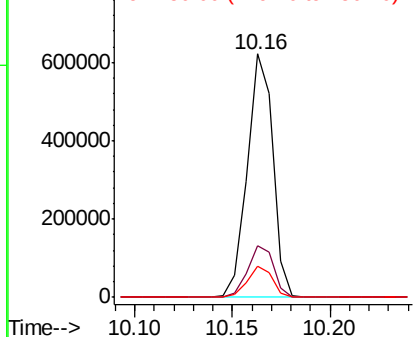
#59
Diethylphthalate
Concen: 41.748 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.6	10.1	15.1

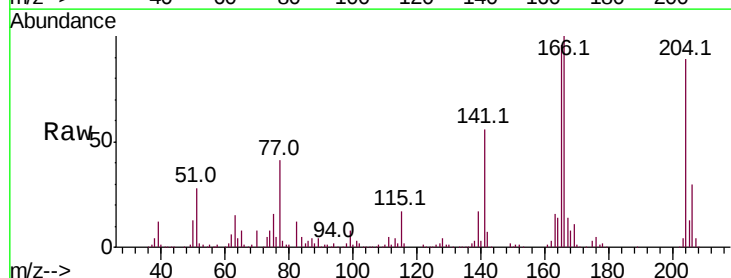


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

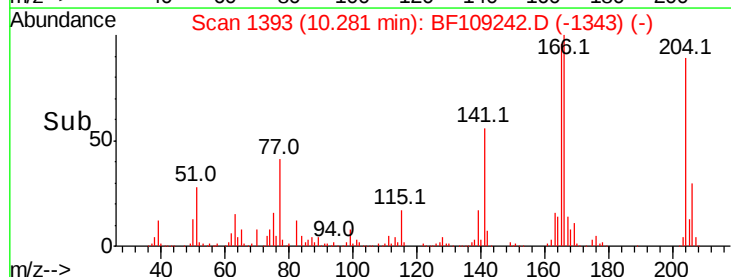
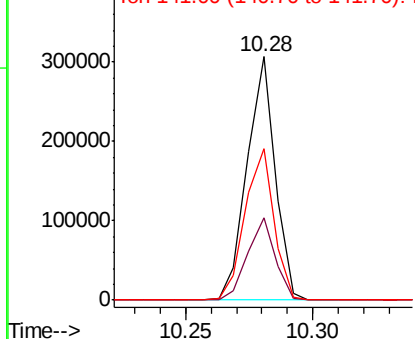


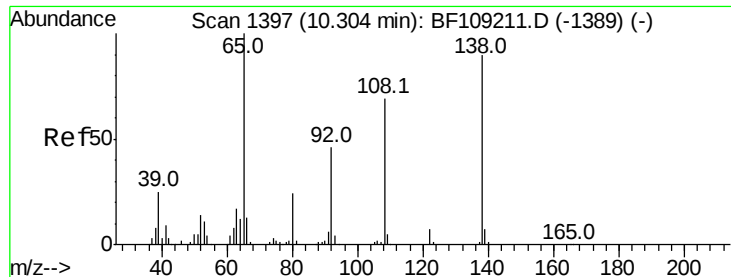
#60
4-Chlorophenyl-phenylether
Concen: 39.355 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	62.4	54.6	81.8



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

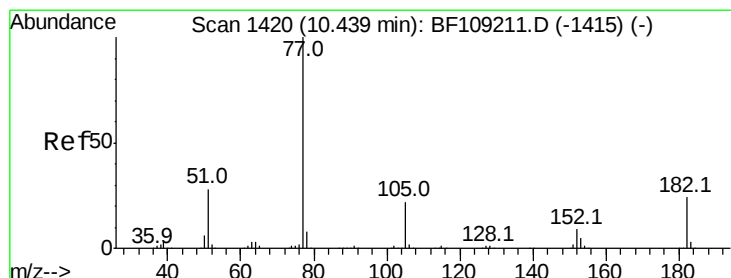
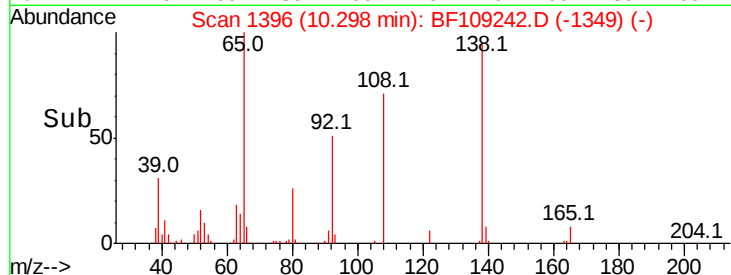
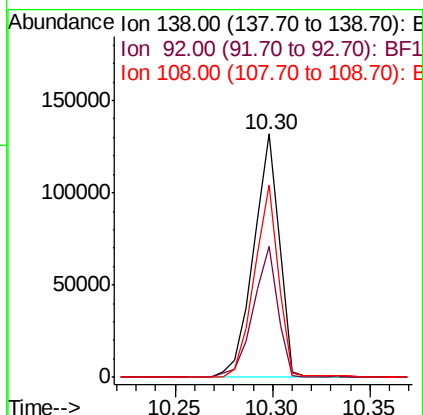
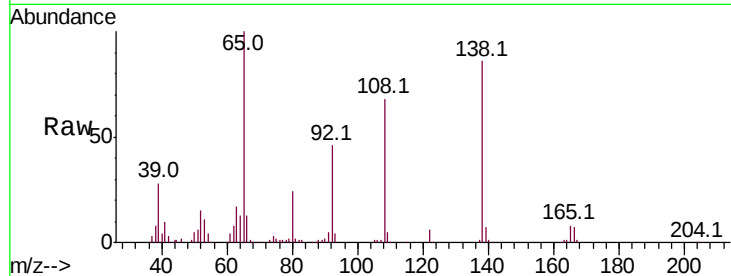




#61
4-Nitroaniline
Concen: 40.309 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

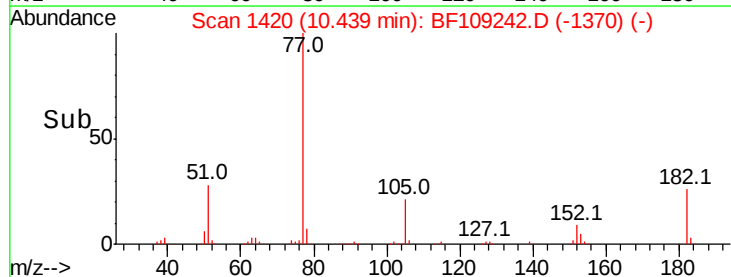
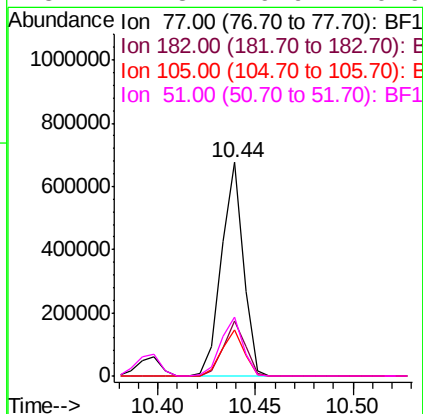
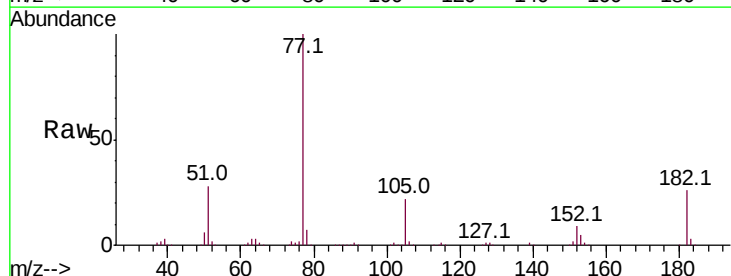
Instrument :
BNA_F
ClientSampleId :

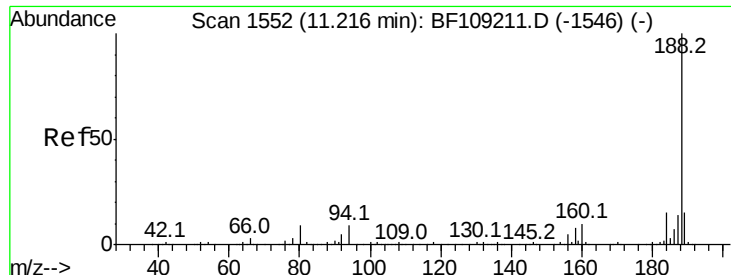
Tot Ion:138 Resp: 120401
Ion Ratio Lower Upper
138 100
92 53.8 30.2 70.2
108 79.0 52.5 92.5



#62
Azobenzene
Concen: 37.438 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion: 77 Resp: 525997
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 21.6 3.0 43.0
51 27.8 9.9 49.9

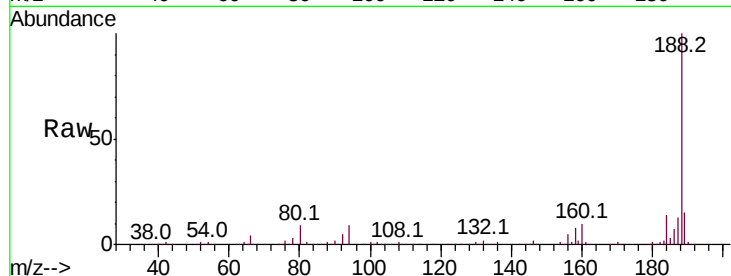




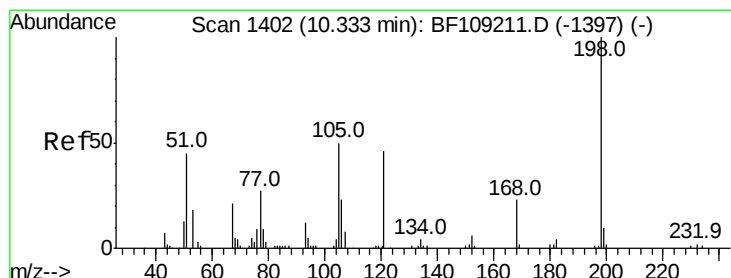
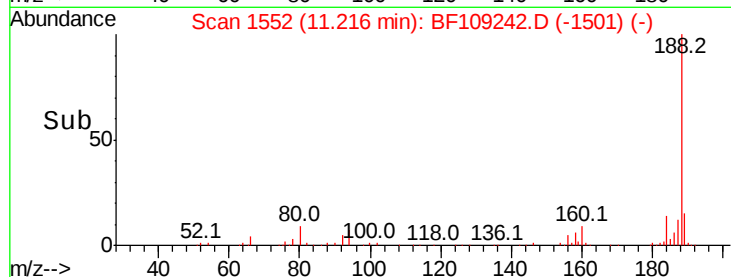
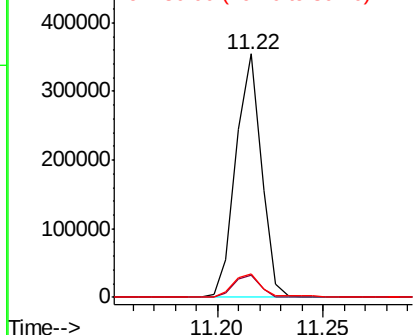
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

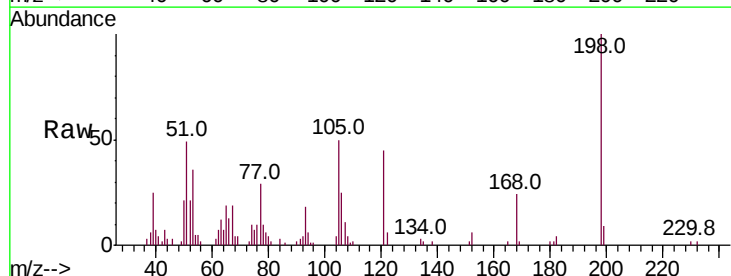


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

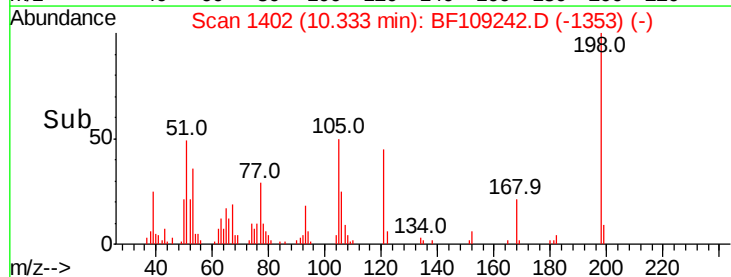
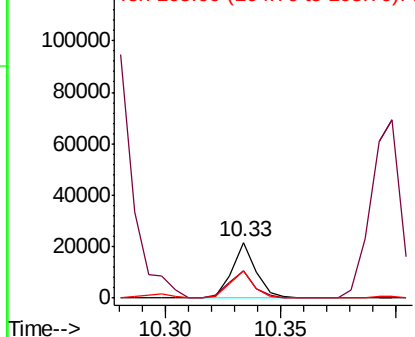


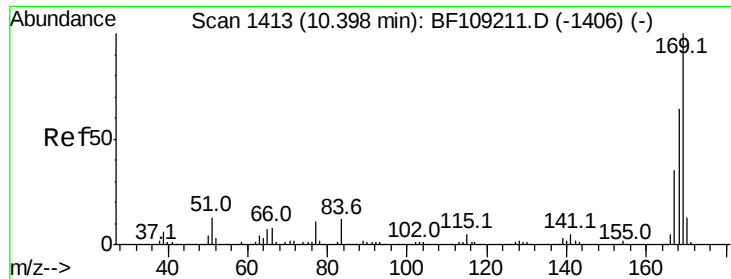
#64
4,6-Dinitro-2-methylphenol
Concen: 17.759 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.0	37.7	77.7
105	49.9	36.3	76.3



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



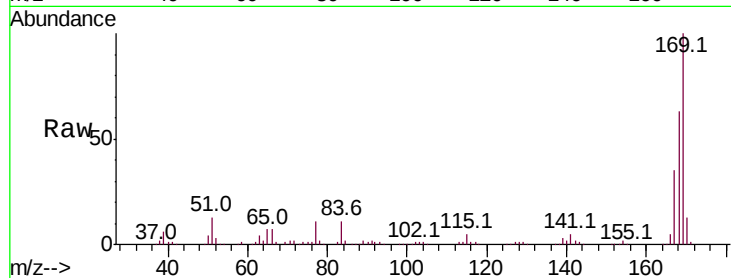


#65
 n-Nitrosodiphenylamine
 Concen: 46.879 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

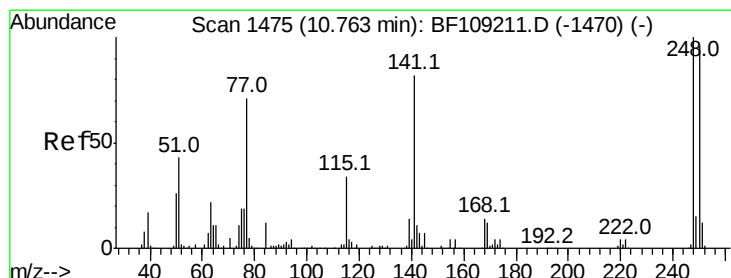
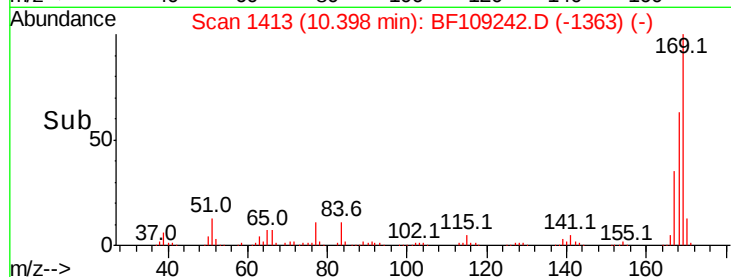
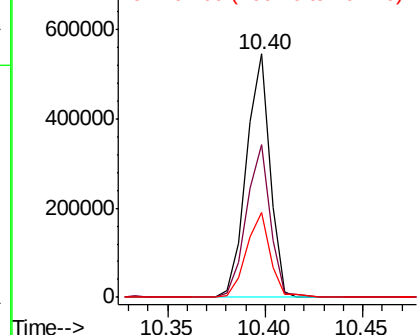
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 456866

Ion	Ratio	Lower	Upper
169	100		
168	62.7	54.4	81.6
167	35.0	29.8	44.6



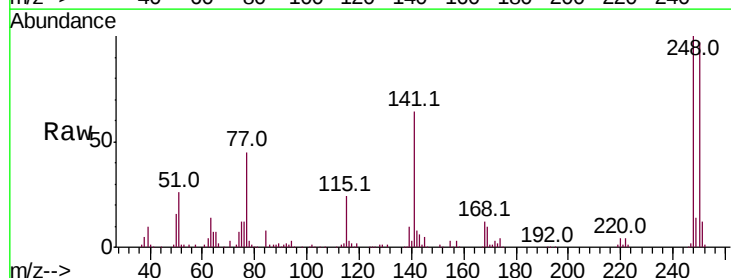
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



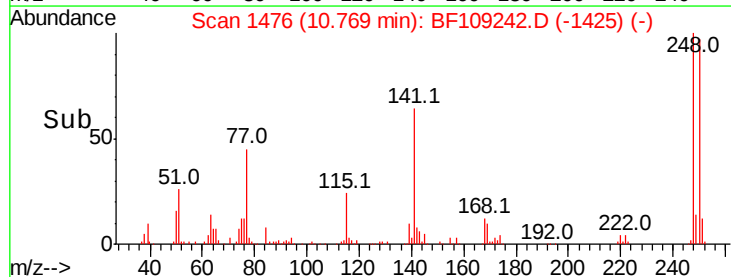
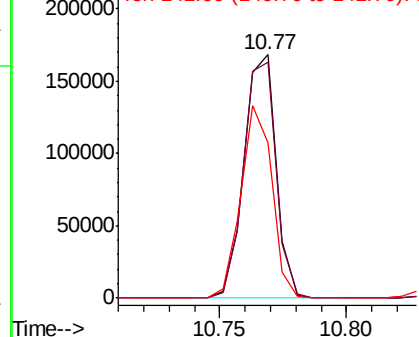
#66
 4-Bromophenyl-phenylether
 Concen: 45.060 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

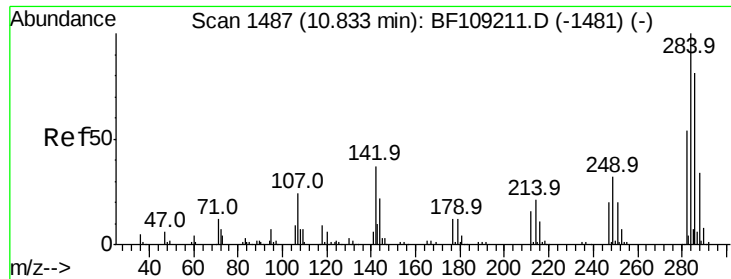
Tgt Ion:248 Resp: 147595

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	63.7	74.4	111.6#



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

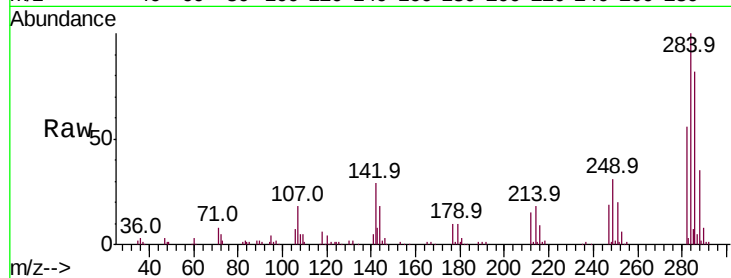




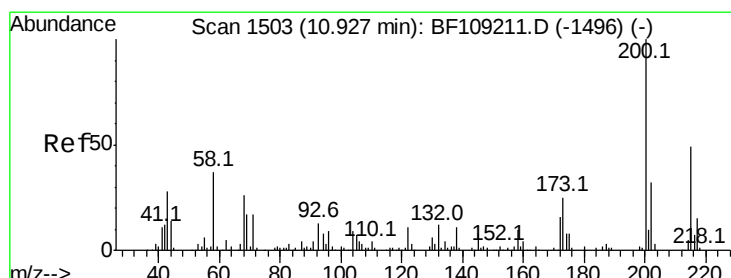
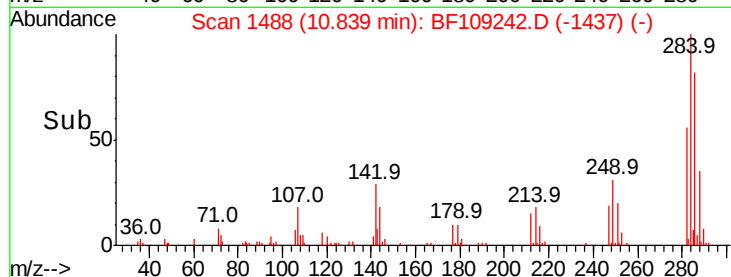
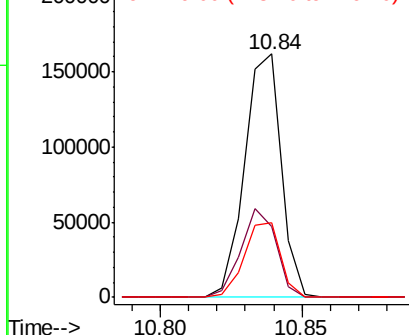
#67
Hexachlorobenzene
Concen: 41.782 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.3	34.6	52.0#
249	30.7	24.8	37.2

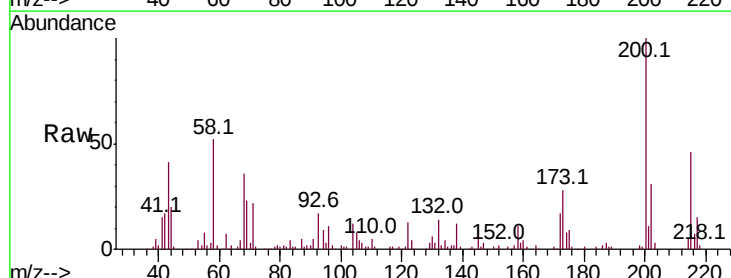


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

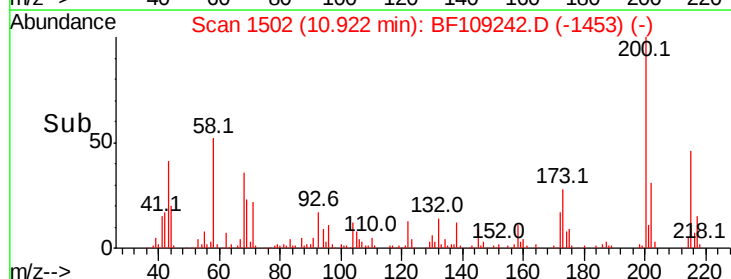
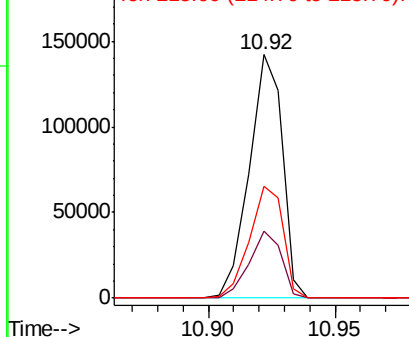


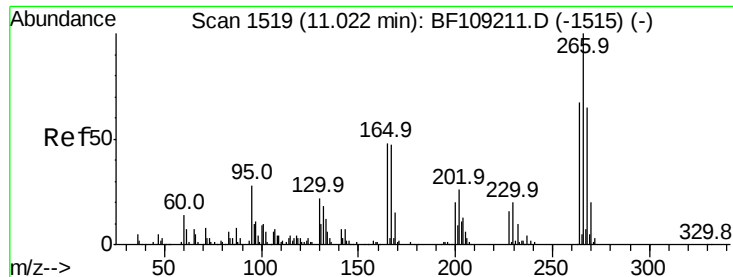
#68
Atrazine
Concen: 43.218 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.6	48.6
215	46.2	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

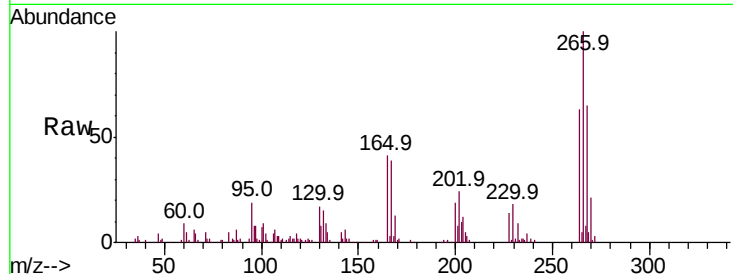




#69
 Pentachlorophenol
 Concen: 38.584 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	62.9	49.5	74.3

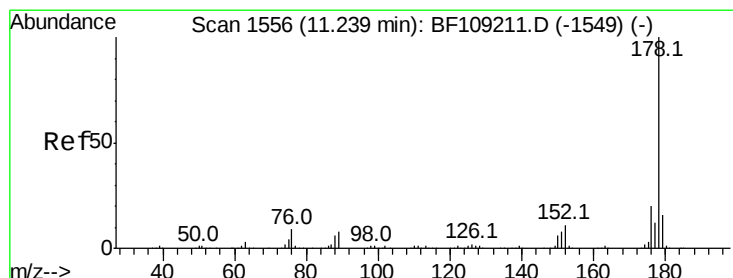
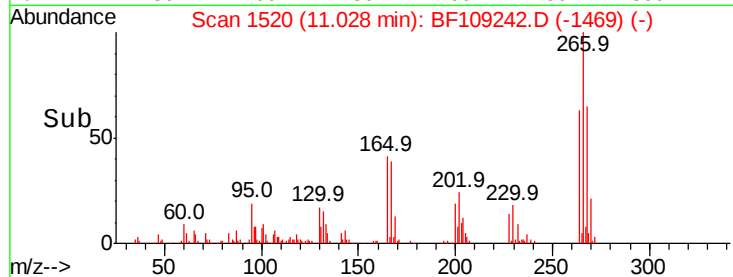
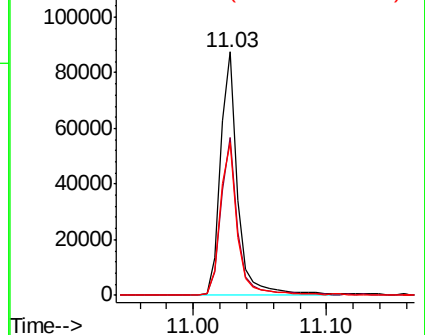


Abundance

Ion 265.70 (265.40 to 266.40): E

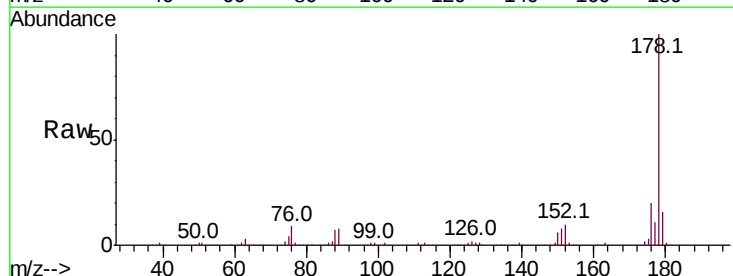
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.738 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6

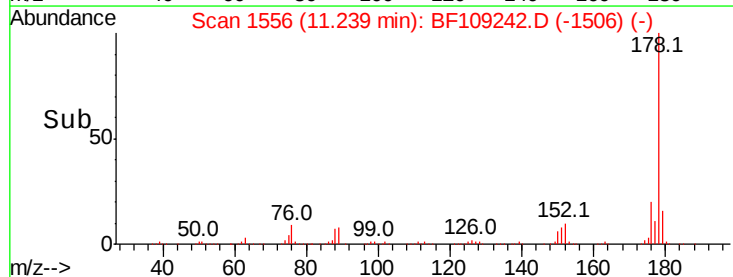
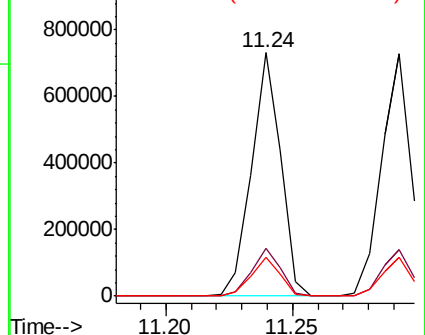


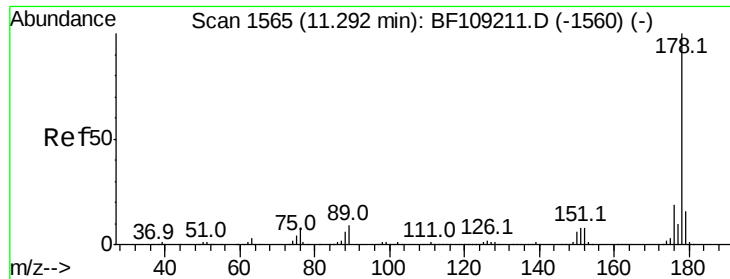
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

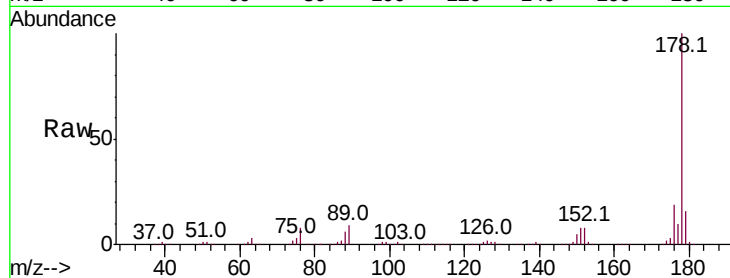




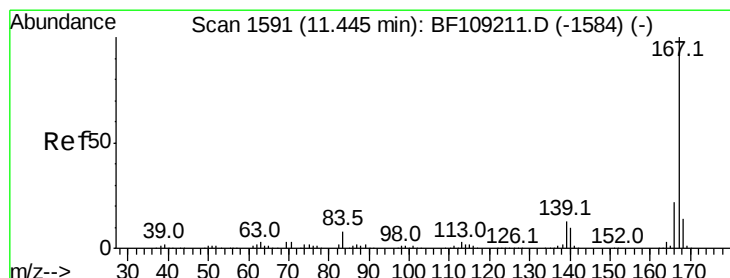
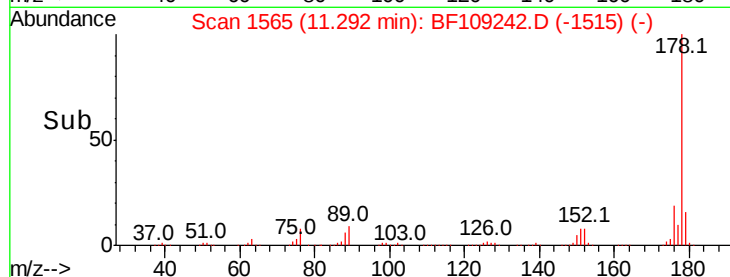
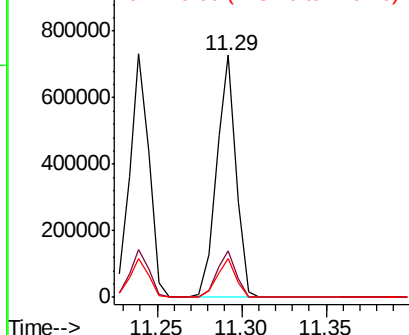
#71
 Anthracene
 Concen: 39.242 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 586186
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0

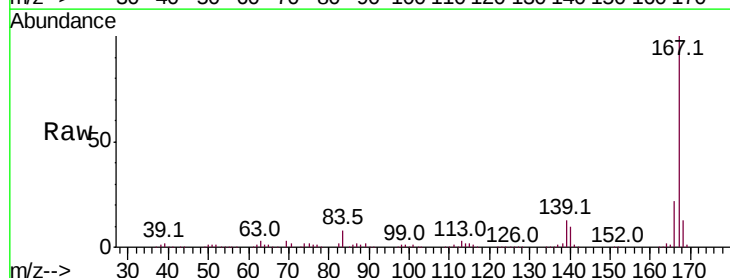


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

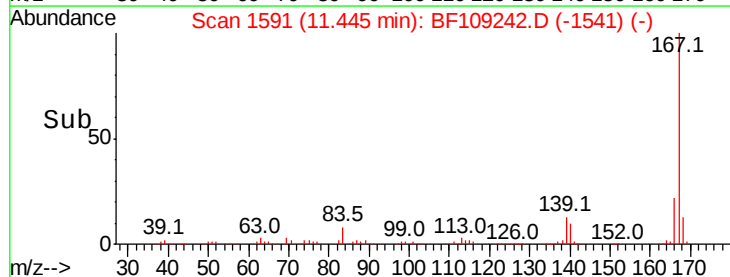
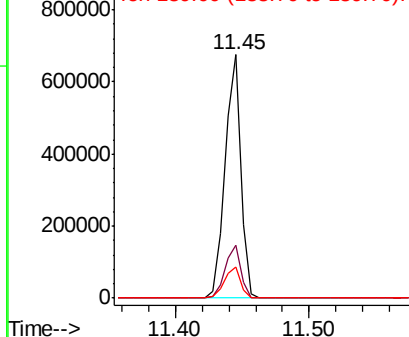


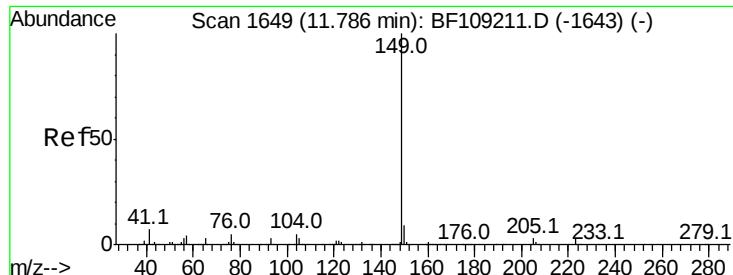
#72
 Carbazole
 Concen: 38.053 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion:167 Resp: 565553
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

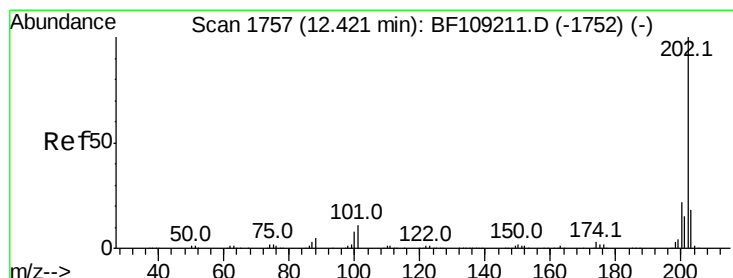
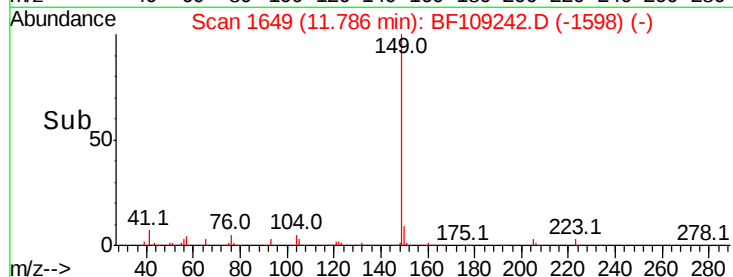
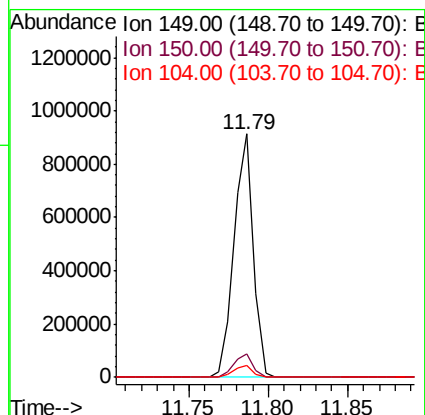
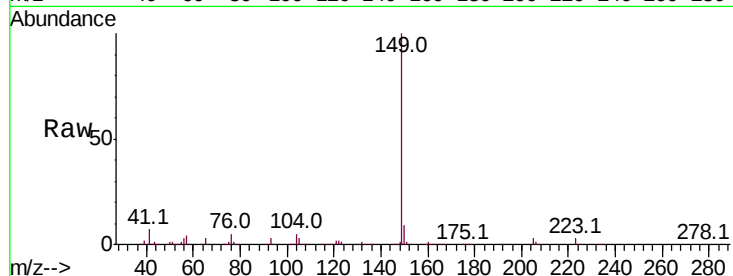




#73
Di-n-butylphthalate
Concen: 44.870 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

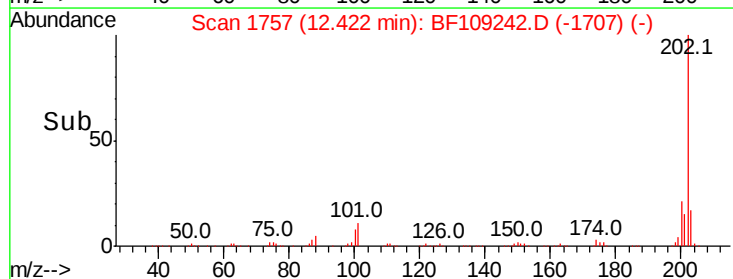
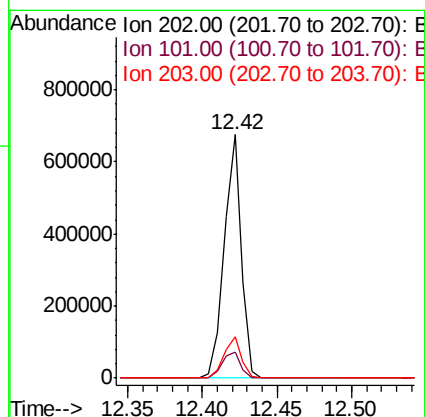
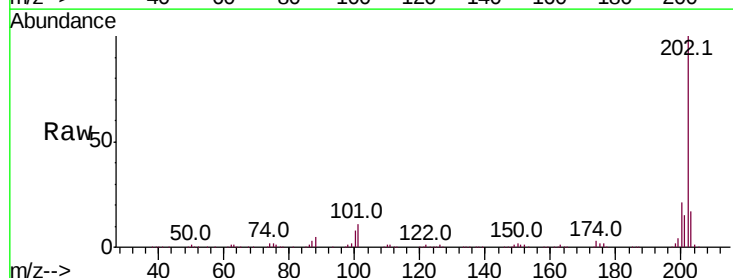
Instrument :
BNA_F
ClientSampleId :

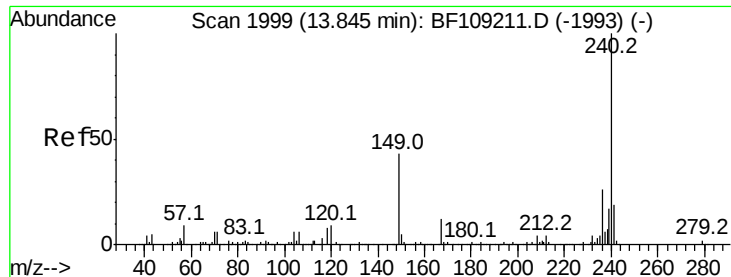
Tot Ion:149 Resp: 767722
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 34.838 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion:202 Resp: 548325
Ion Ratio Lower Upper
202 100
101 10.9 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

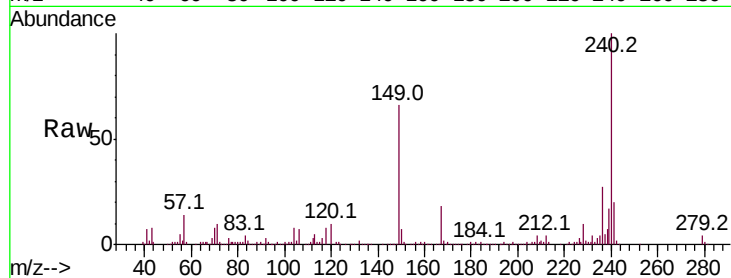
Tot Ion:240 Resp: 206366

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

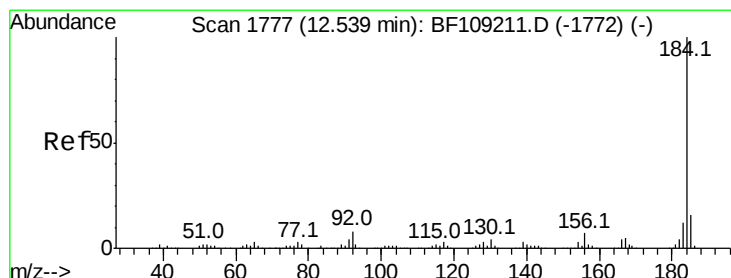
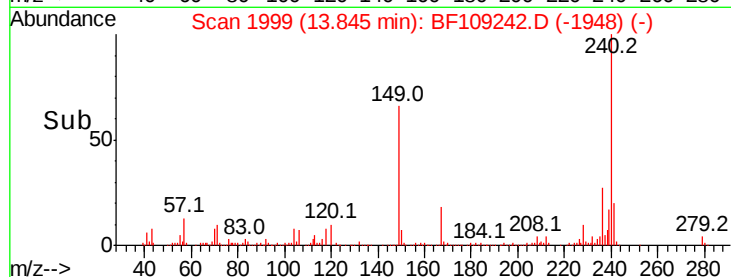
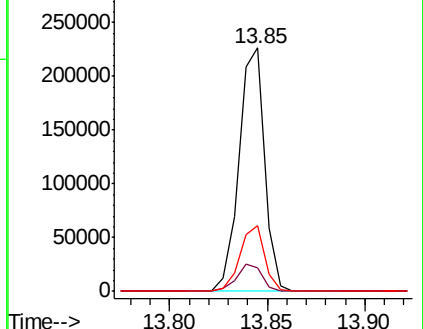
236 27.1 20.7 31.1



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: 45.152 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

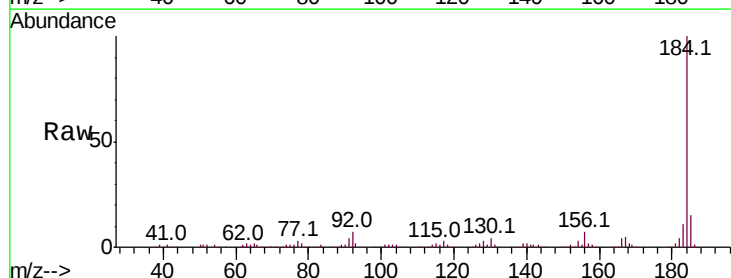
Tgt Ion:184 Resp: 335954

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

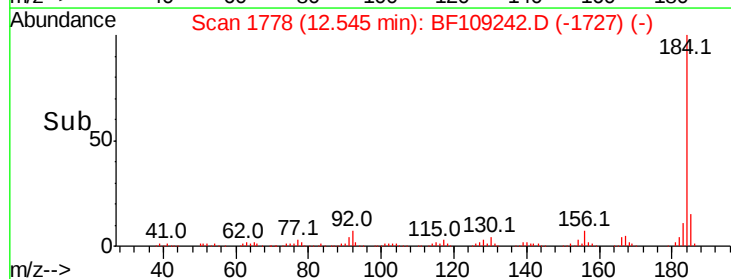
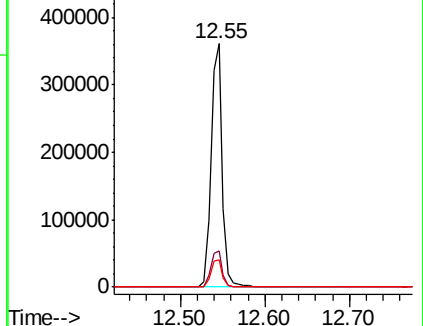
183 11.2 9.3 13.9

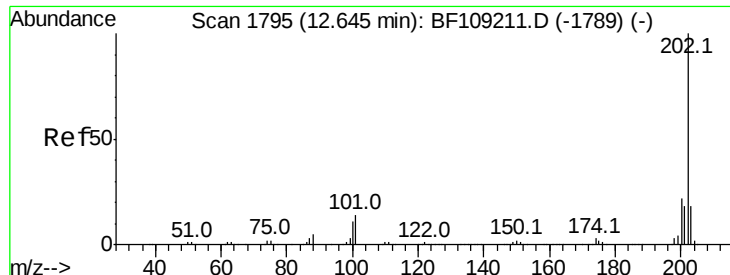


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.943 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

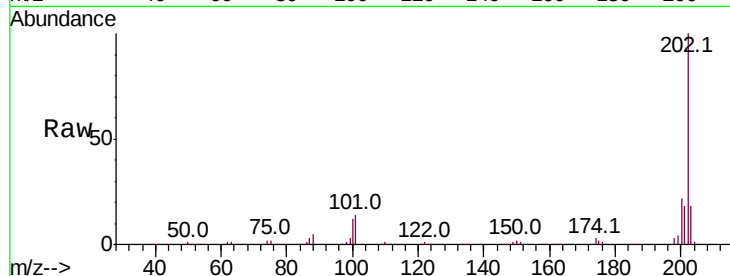
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 561177

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.5	14.3	21.5

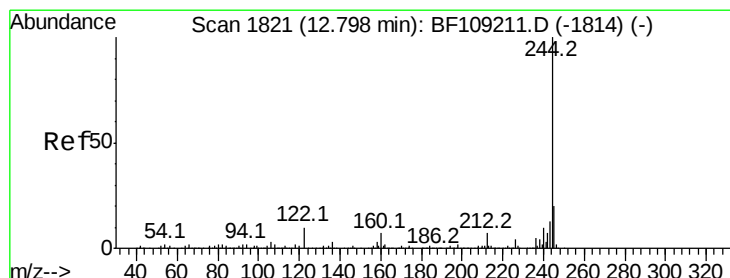
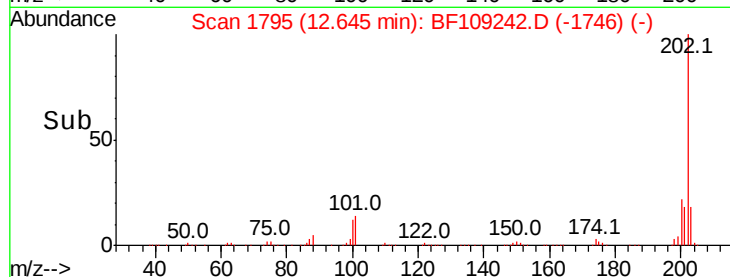
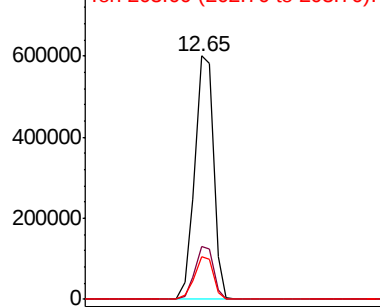


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.831 ng

RT: 12.80 min Scan# 1821

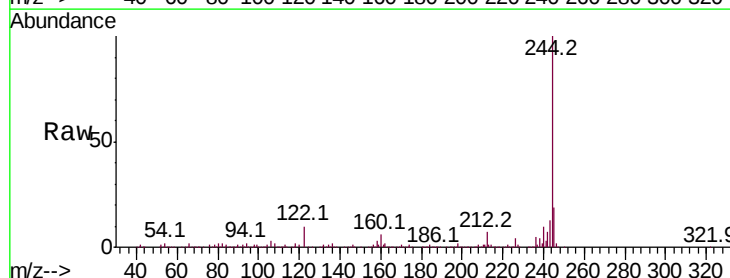
Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Tgt Ion:244 Resp: 646059

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.8	11.0	16.4

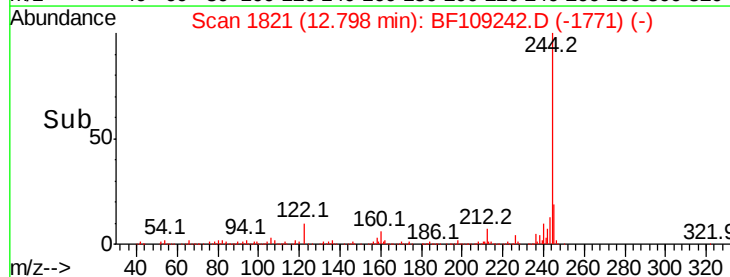
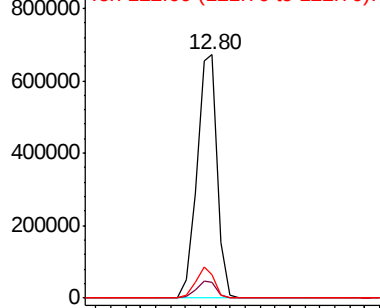


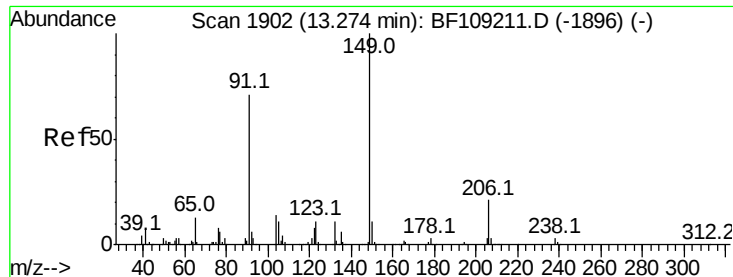
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

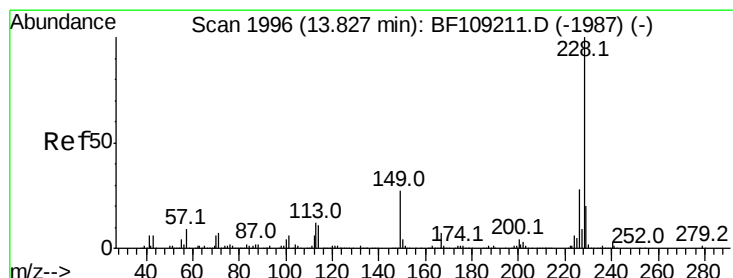
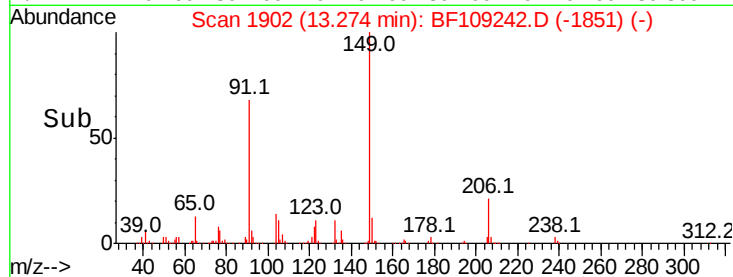
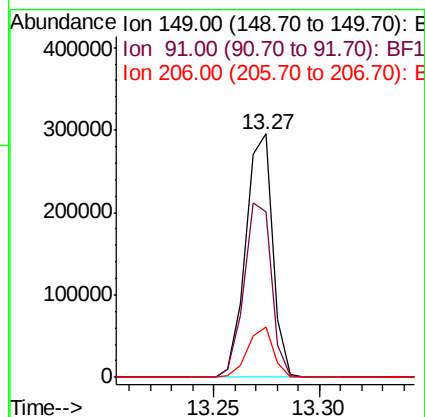
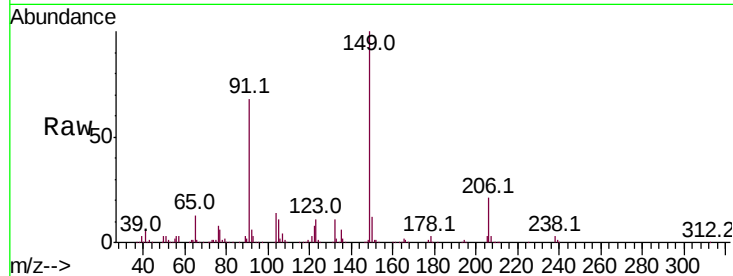




#79
Butylbenzylphthalate
Concen: 41.390 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

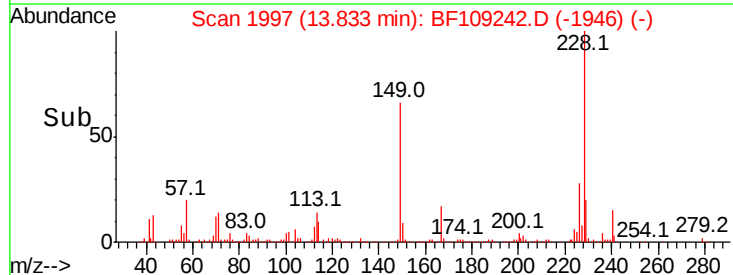
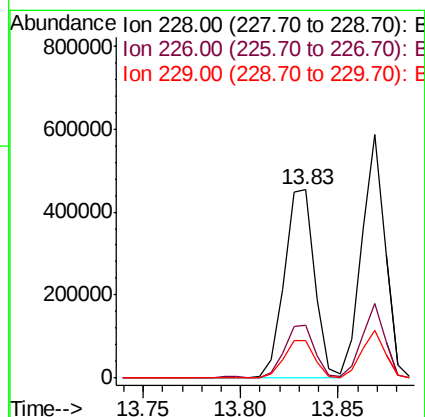
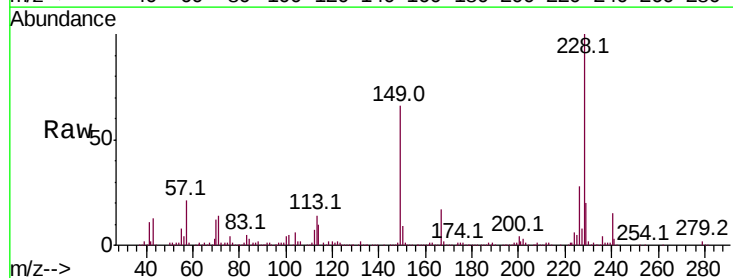
Instrument :
BNA_F
ClientSampleId :

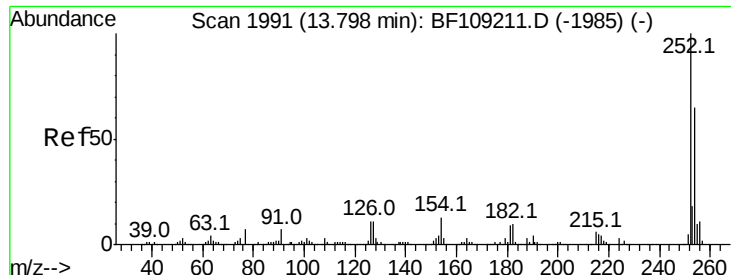
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	56.8	85.2
206	20.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.285 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109242.D
Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6

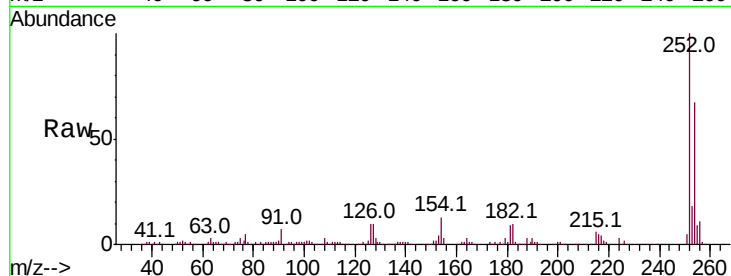




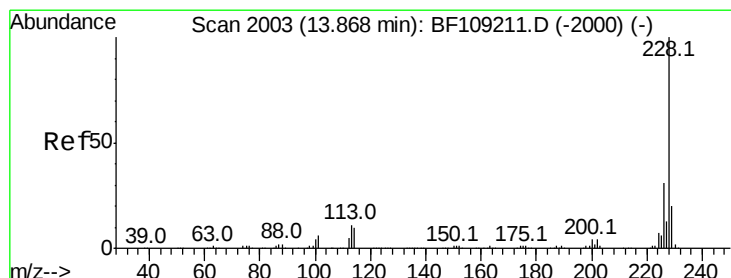
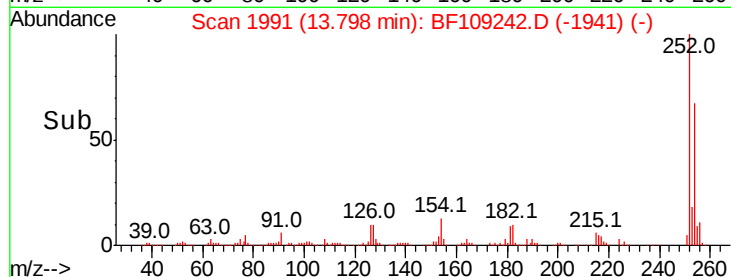
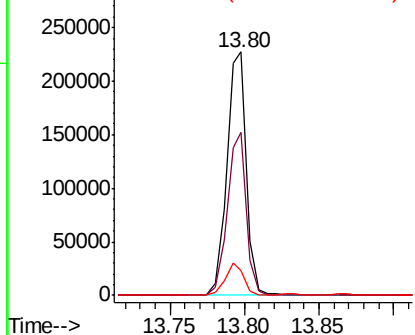
#81
 3,3'-Dichlorobenzidine
 Concen: 44.534 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.4	75.6
126	10.1	11.3	16.9#

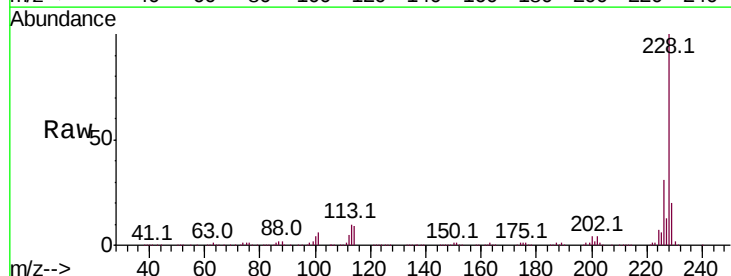


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

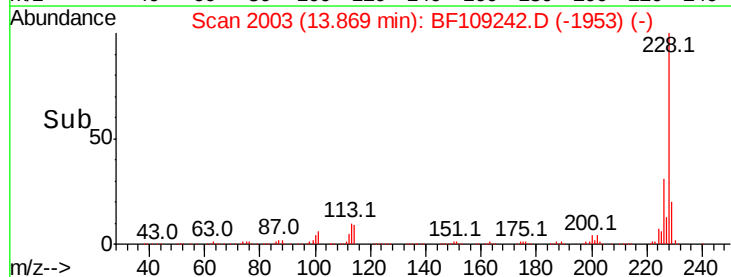
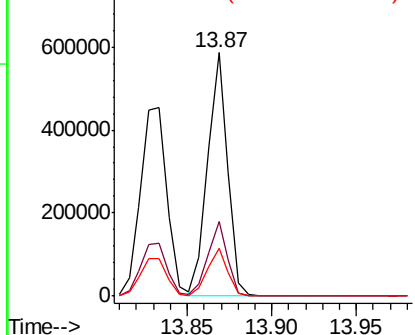


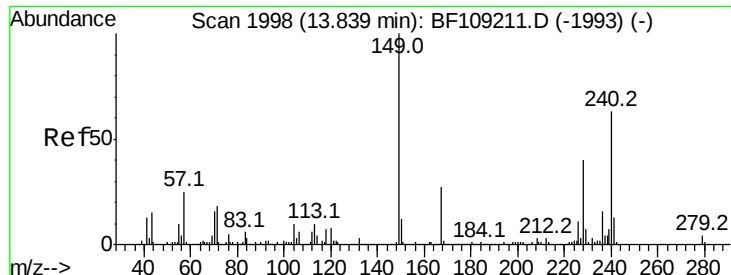
#82
 Chrysene
 Concen: 39.293 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	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: 42.439 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampled :

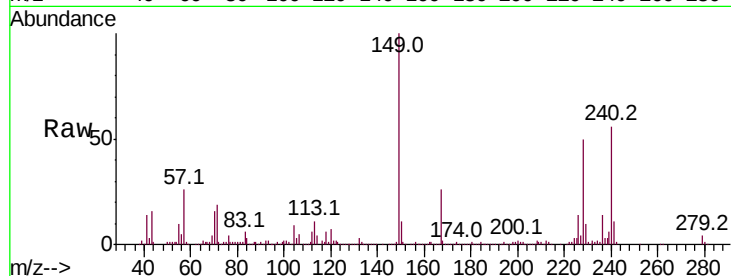
Tot Ion:149 Resp: 336775

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

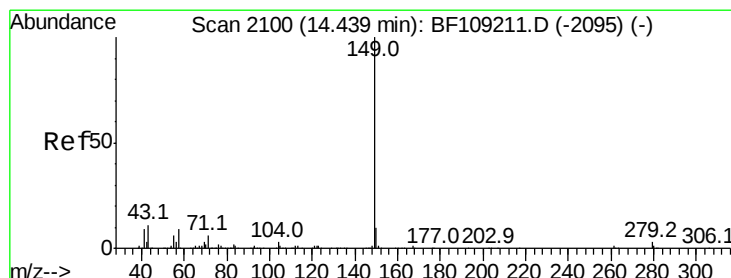
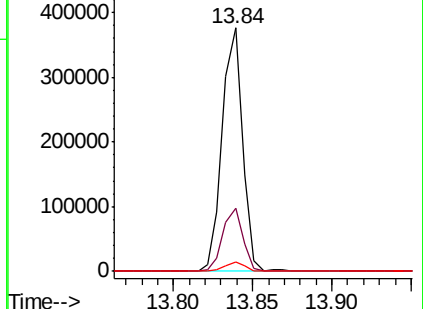
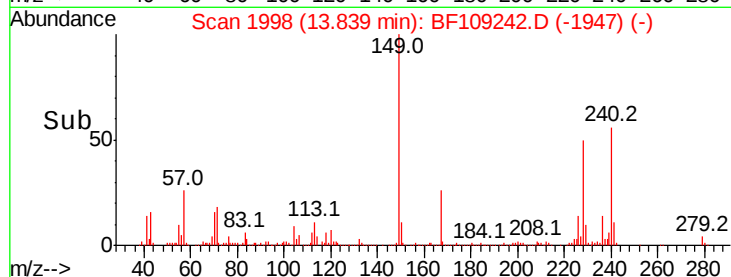
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.259 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

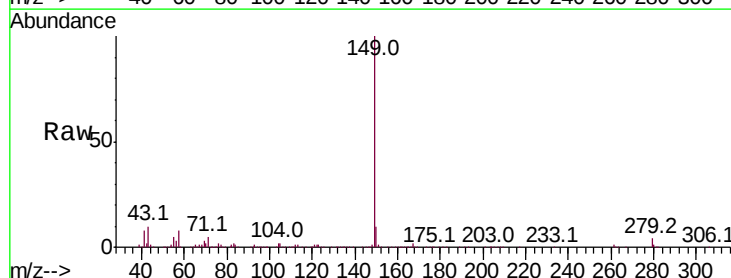
Tgt Ion:149 Resp: 614080

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

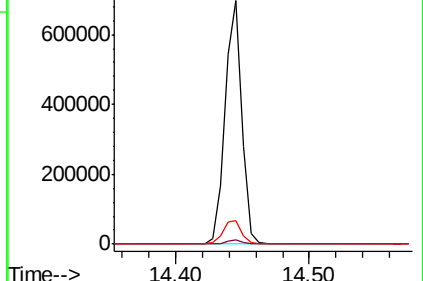
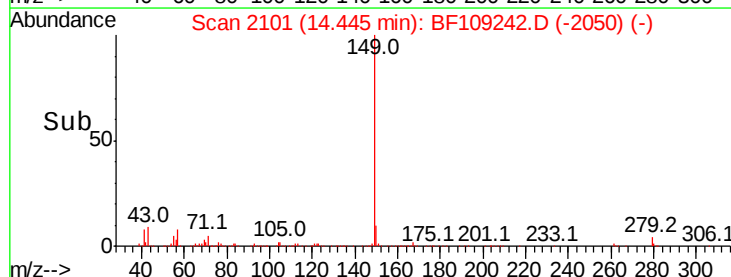
43 10.2 8.4 12.6

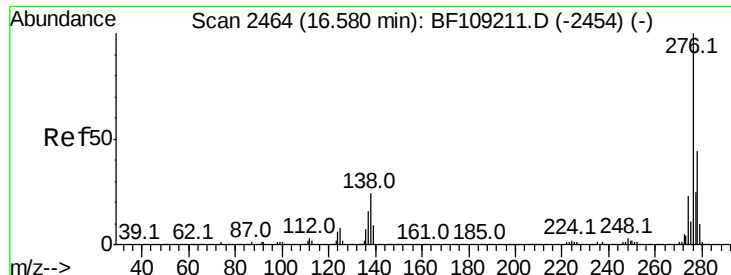


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

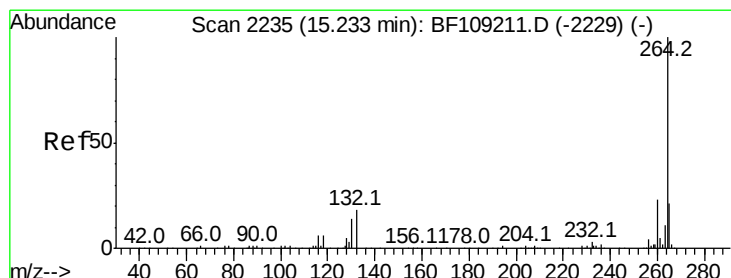
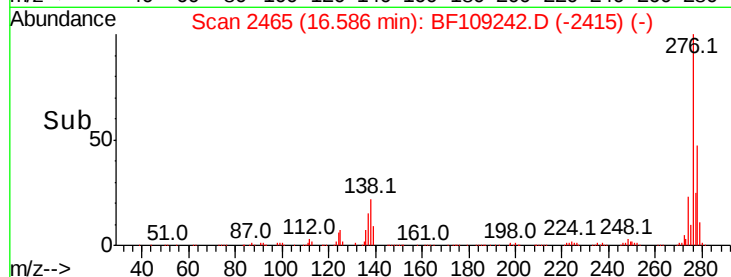
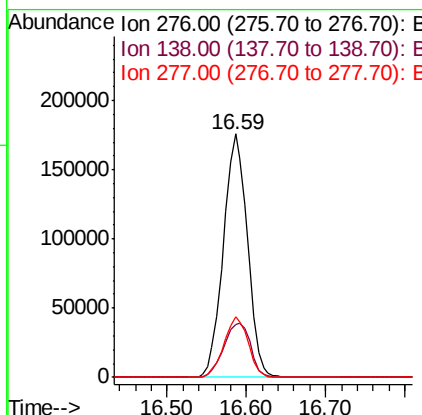
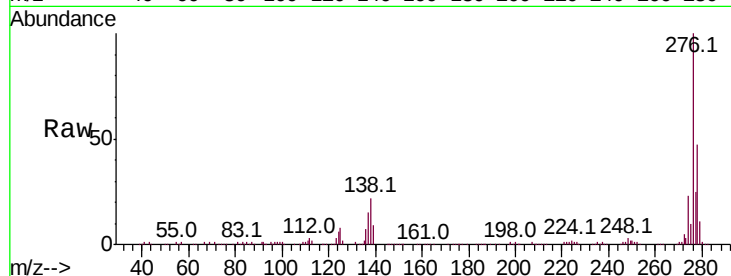




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.991 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

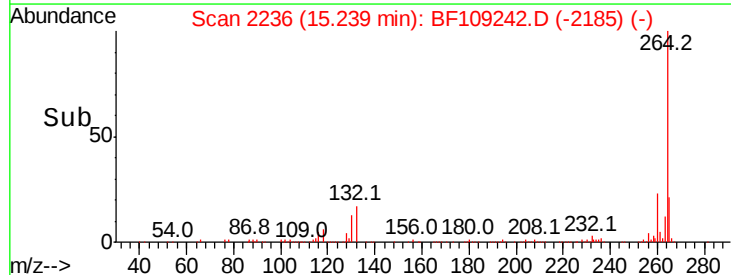
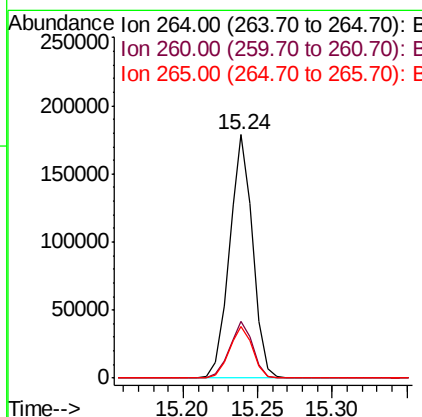
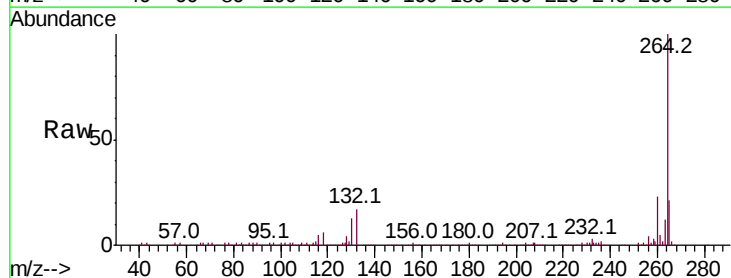
Instrument :
 BNA_F
 ClientSampleId :

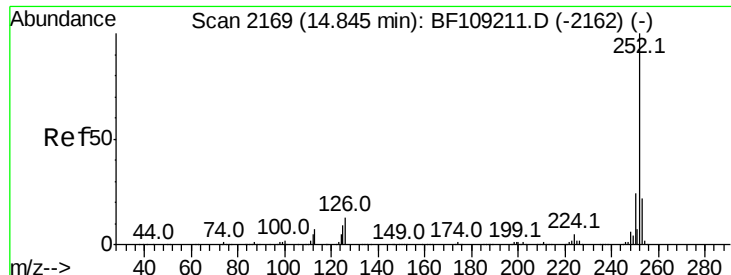
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109242.D
 Acq: 23 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.225 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

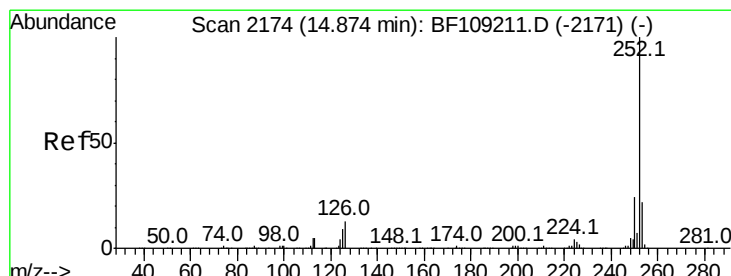
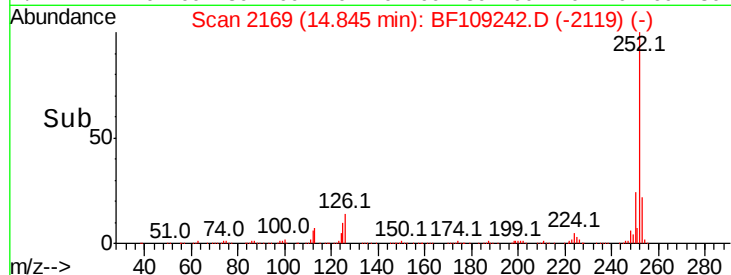
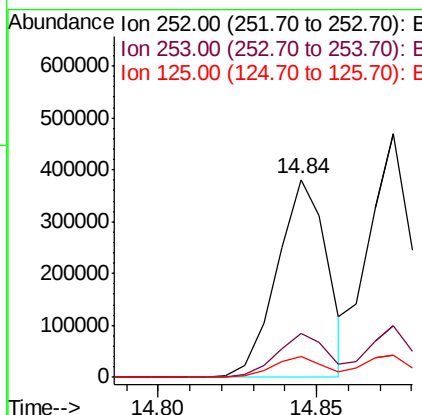
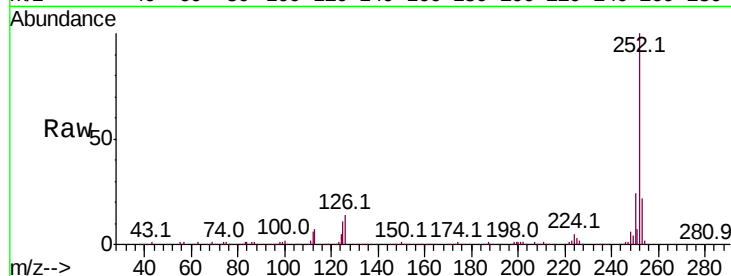
Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 420340

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 41.337 ng

RT: 14.84 min Scan# 2169

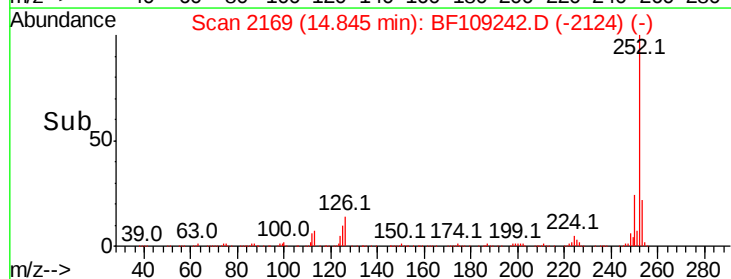
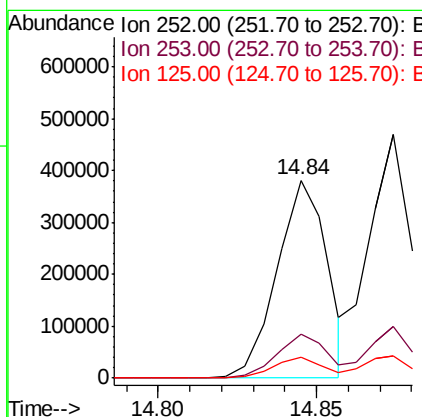
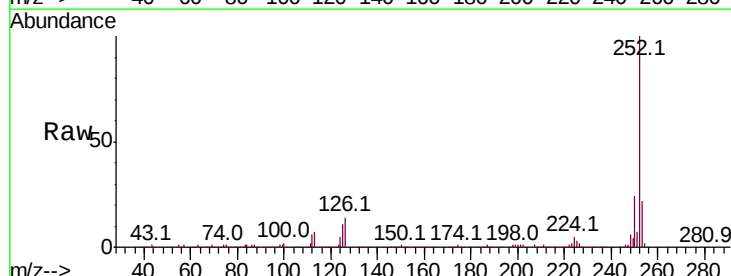
Delta R.T. -0.04 min

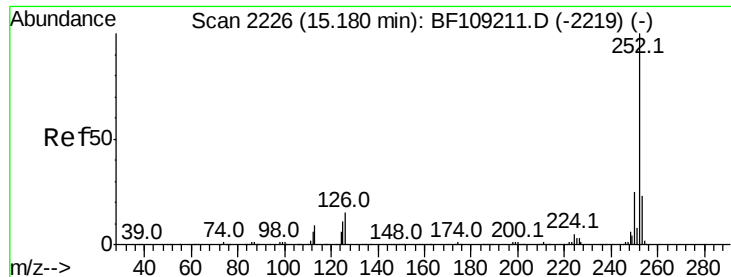
Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Tgt Ion:252 Resp: 420340

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 40.194 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

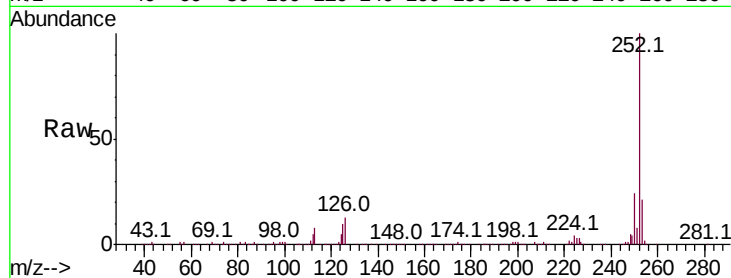
Tot Ion:252 Resp: 388121

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

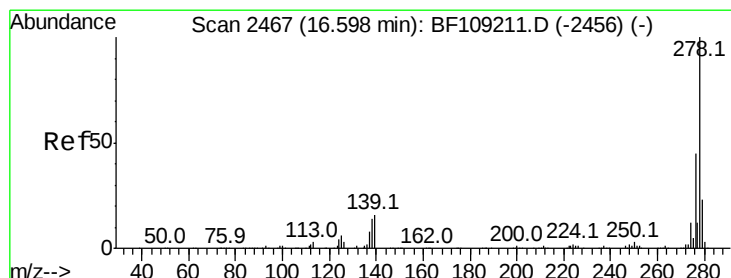
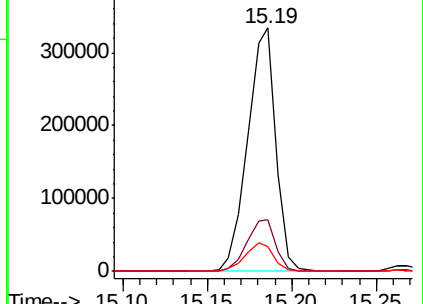
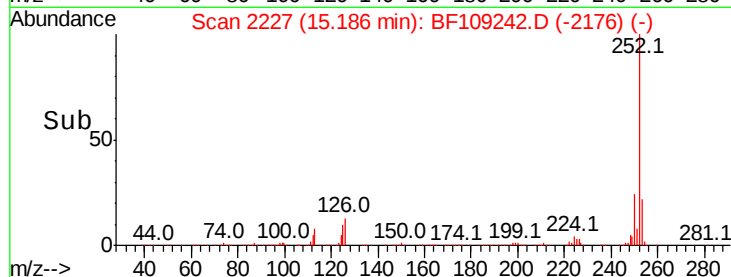
125 10.0 9.8 14.6



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: 39.309 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

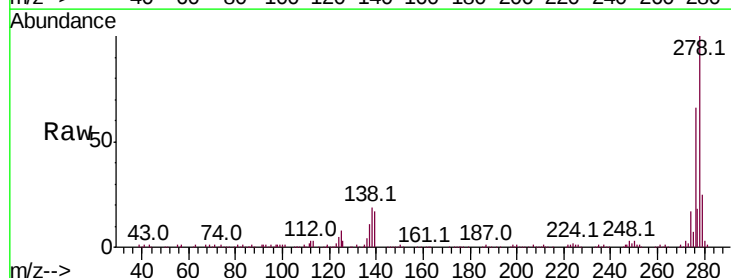
Tgt Ion:278 Resp: 311396

Ion Ratio Lower Upper

278 100

139 16.5 15.9 23.9

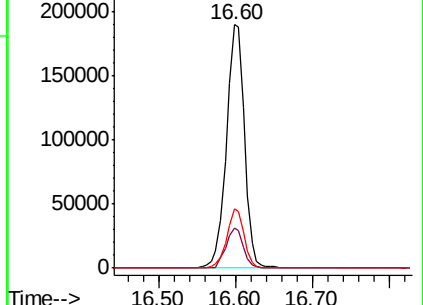
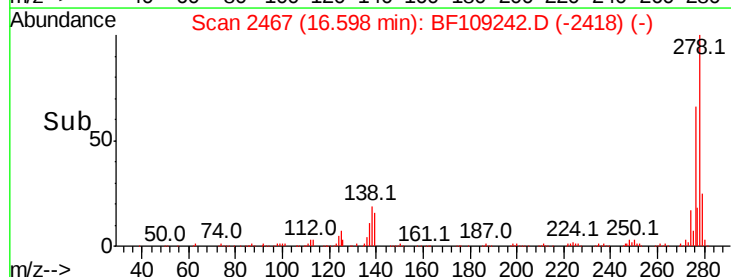
279 24.6 19.0 28.4

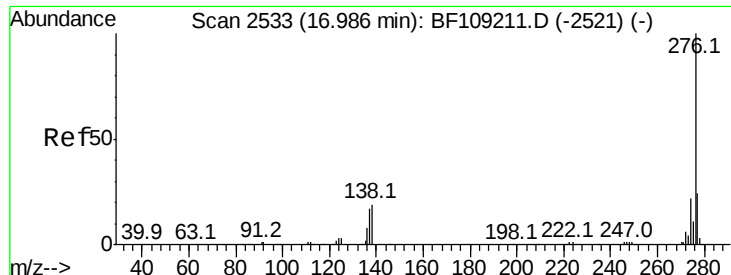


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.342 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA_F

ClientSampleId :

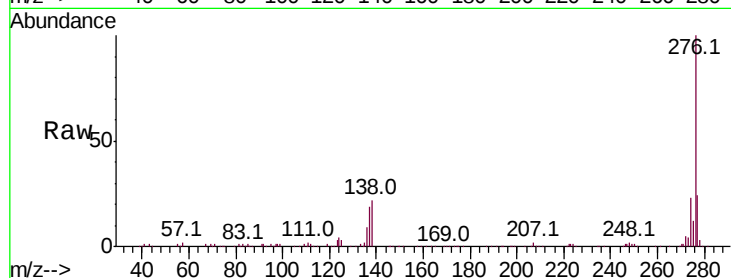
Tot Ion:276 Resp: 290728

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 21.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

