

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109228.D
 Acq On : 22 Sep 2018 18:21
 Operator : JU/SJ
 Sample : J5004-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:49:28 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	6.70	152	135300	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	528894	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	246607	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	462735	20.00	ng	0.00
75) Chrysene-d12	13.84	240	267532	20.00	ng	0.00
86) Perylene-d12	15.23	264	277580	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	738351	89.88	ng	0.00
7) Phenol-d6	6.35	99	973475	92.87	ng	0.00
23) Nitrobenzene-d5	7.27	82	621794	69.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	241443	99.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1061623	64.93	ng	0.00
78) Terphenyl-d14	12.80	244	988974	90.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	92355	24.412	ng	93
3) Pyridine	3.12	79	249710	25.645	ng	91
4) n-Nitrosodimethylamine	3.05	42	134576	32.476	ng	# 98
6) Aniline	6.37	93	236964	17.670	ng	# 86
8) 2-Chlorophenol	6.49	128	273174	29.905	ng	98
9) Benzaldehyde	6.25	77	201214	29.882	ng	94
10) Phenol	6.36	94	346159	29.161	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	270381	29.109	ng	97
12) 1,3-Dichlorobenzene	6.65	146	298092	28.342	ng	96
13) 1,4-Dichlorobenzene	6.72	146	301513	28.456	ng	99
14) 1,2-Dichlorobenzene	6.88	146	281628	28.812	ng	97
15) Benzyl Alcohol	6.85	79	252084	31.418	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	393895	29.896	ng	96
17) 2-Methylphenol	6.97	107	227741	30.812	ng	96
18) Hexachloroethane	7.22	117	109942	29.451	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	204664	29.798	ng	98
20) 3+4-Methylphenols	7.12	107	276212	30.952	ng	# 73
22) Acetophenone	7.12	105	386535	31.611	ng	# 90
24) Nitrobenzene	7.29	77	299982	31.490	ng	95
25) Isophorone	7.53	82	553709	34.320	ng	96
26) 2-Nitrophenol	7.60	139	134583	35.723	ng	95
27) 2,4-Dimethylphenol	7.65	122	247532	35.211	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	343350	32.149	ng	99
29) 2,4-Dichlorophenol	7.85	162	235020	31.819	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	239526	29.022	ng	97
31) Naphthalene	8.01	128	795113	32.171	ng	99
32) Benzoic acid	7.74	122	50347	15.844	ng	95
33) 4-Chloroaniline	8.06	127	58509	5.419	ng	98
34) Hexachlorobutadiene	8.13	225	144952	29.134	ng	98
35) Caprolactam	8.46	113	29541	12.527	ng	88
36) 4-Chloro-3-methylphenol	8.55	107	250375	32.214	ng	98
37) 2-Methylnaphthalene	8.70	142	528736	33.186	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	232503	29.624	ng	98
40) Hexachlorocyclopentadiene	8.86	237	194611	56.850	ng	99

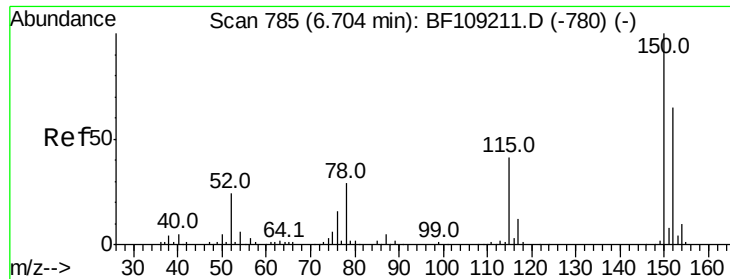
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109228.D
 Acq On : 22 Sep 2018 18:21
 Operator : JU/SJ
 Sample : J5004-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:49:28 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	163150	32.390	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	174810	32.860	ng	# 94
45) 1,1'-Biphenyl	9.16	154	633029	31.506	ng	99
46) 2-Chloronaphthalene	9.19	162	475795	29.642	ng	100
47) 2-Nitroaniline	9.28	65	151934	33.385	ng	96
48) Acenaphthylene	9.60	152	790580	32.648	ng	100
49) Dimethylphthalate	9.47	163	949417	52.932	ng	99
50) 2,6-Dinitrotoluene	9.53	165	120615	33.953	ng	95
51) Acenaphthene	9.77	154	488353	33.357	ng	99
52) 3-Nitroaniline	9.69	138	76476	18.590	ng	99
53) 2,4-Dinitrophenol	9.80	184	69761	57.996	ng	# 19
54) Dibenzofuran	9.95	168	674137	30.962	ng	98
55) 4-Nitrophenol	9.86	139	196397	63.373	ng	92
56) 2,4-Dinitrotoluene	9.93	165	159060	35.388	ng	# 98
57) Fluorene	10.29	166	504153	32.453	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139370	33.087	ng	93
59) Diethylphthalate	10.17	149	570158	31.390	ng	96
60) 4-Chlorophenyl-phenylether	10.28	204	232278	28.627	ng	93
61) 4-Nitroaniline	10.30	138	128018	31.909	ng	94
62) Azobenzene	10.44	77	576952	30.573	ng	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	53324	31.401	ng	88
65) n-Nitrosodiphenylamine	10.40	169	486602	31.828	ng	96
66) 4-Bromophenyl-phenylether	10.76	248	160352	31.206	ng	92
67) Hexachlorobenzene	10.83	284	165013	30.237	ng	93
68) Atrazine	10.93	200	160123	34.054	ng	96
69) Pentachlorophenol	11.02	266	165995	50.820	ng	97
70) Phenanthrene	11.24	178	759101	32.855	ng	99
71) Anthracene	11.29	178	780870	33.322	ng	100
72) Carbazole	11.44	167	693660	29.751	ng	100
73) Di-n-butylphthalate	11.79	149	873186	32.532	ng	99
74) Fluoranthene	12.42	202	759474	30.759	ng	95
76) Benzidine	12.54	184	298357	30.931	ng	98
77) Pyrene	12.64	202	751415	39.190	ng	100
79) Butylbenzylphthalate	13.27	149	336809	41.290	ng	96
80) Benzo(a)anthracene	13.83	228	543513	33.729	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	134786	22.009	ng	# 98
82) Chrysene	13.86	228	520016	32.559	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	420072	40.833	ng	97
84) Di-n-octyl phthalate	14.44	149	661249	37.593	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	558863	43.169	ng	# 94
87) Benzo(b)fluoranthene	14.84	252	473355	31.034	ng	98
88) Benzo(k)fluoranthene	14.84	252	473355	32.704	ng	98
89) Benzo(a)pyrene	15.17	252	464907	33.826	ng	99
90) Dibenzo(a,h)anthracene	16.60	278	464649	41.209	ng	# 95
91) Benzo(g,h,i)perylene	16.98	276	458716	41.394	ng	# 93

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

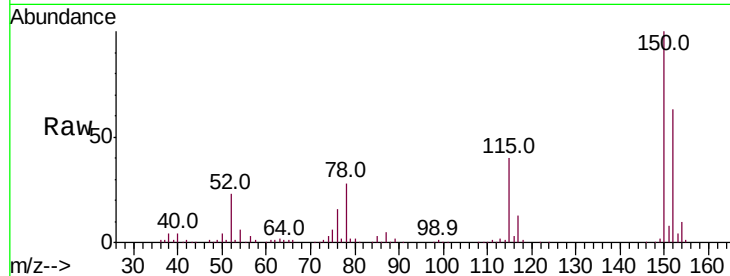


#1

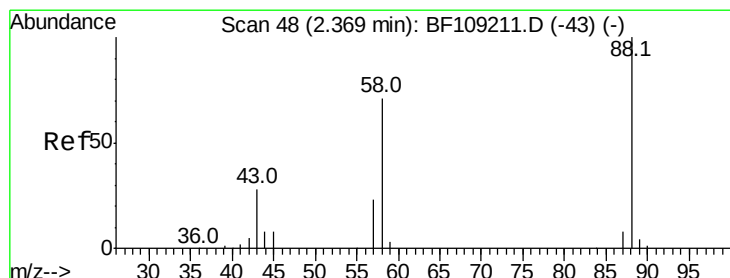
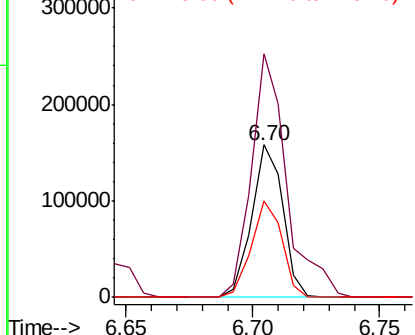
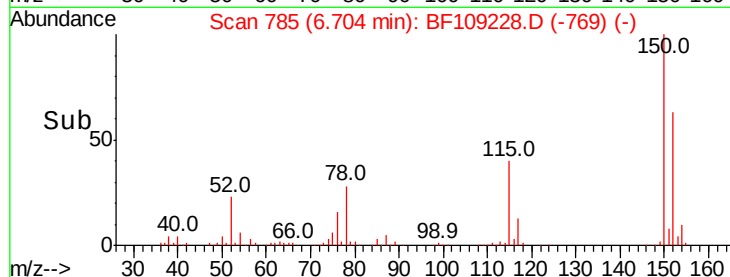
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135300
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 63.6 50.1 75.1



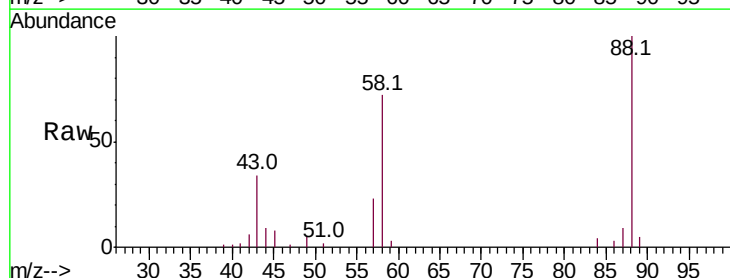
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



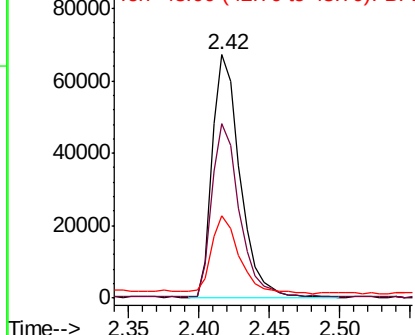
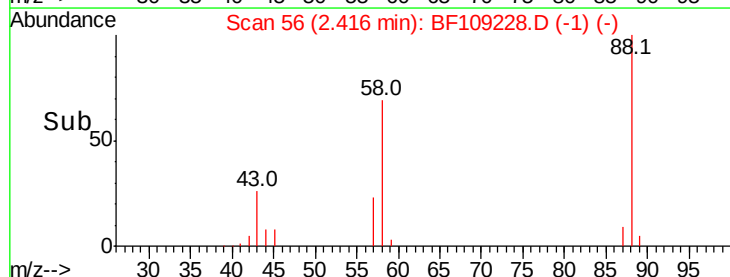
#2

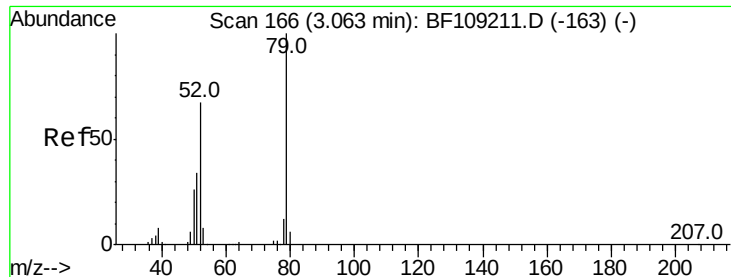
1,4-Dioxane
Concen: 24.412 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion: 88 Resp: 92355
Ion Ratio Lower Upper
88 100
58 70.0 62.6 93.8
43 31.7 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: 25.645 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.06 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

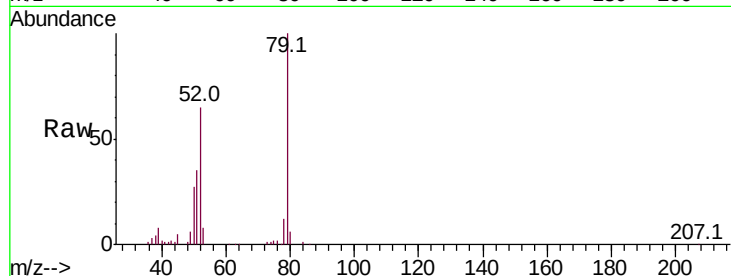
Tot Ion: 79 Resp: 249710

Ion Ratio Lower Upper

79 100

52 65.0 59.8 89.6

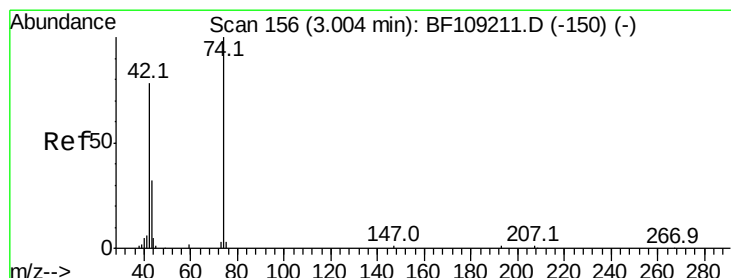
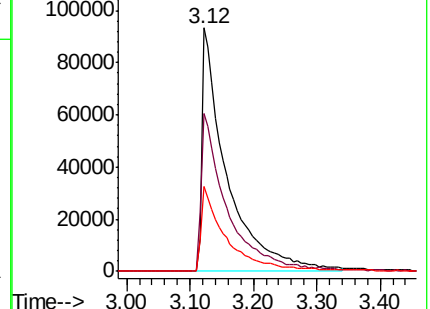
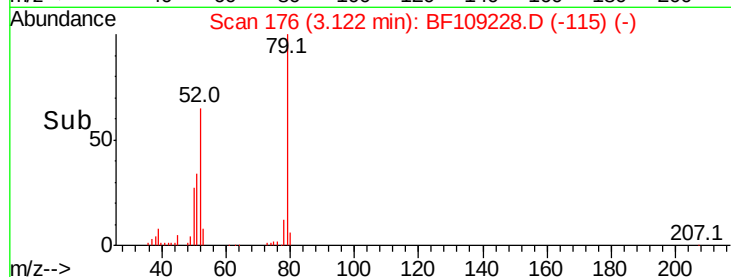
51 34.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.476 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

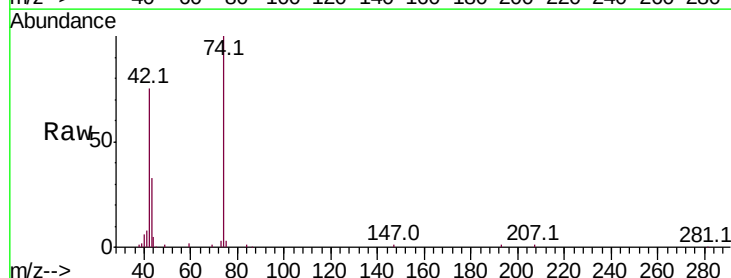
Tgt Ion: 42 Resp: 134576

Ion Ratio Lower Upper

42 100

74 133.7 104.9 157.3

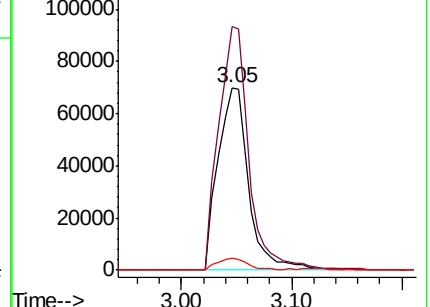
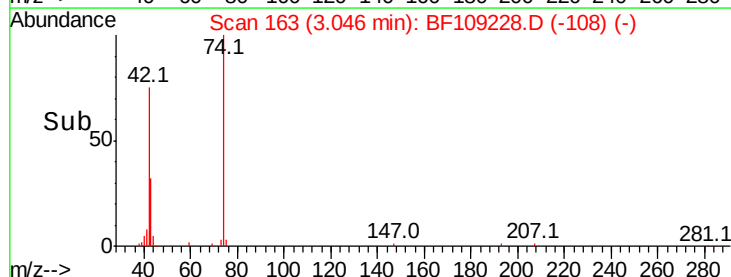
44 6.8 6.9 10.3#

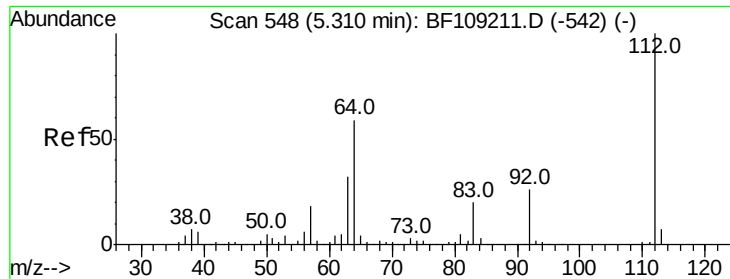


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 89.883 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109228.D

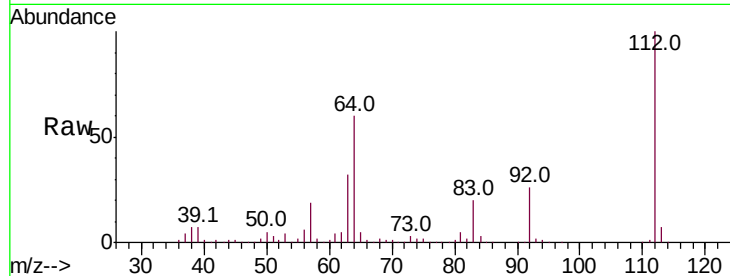
Acq: 22 Sep 2018 18:21

Instrument :

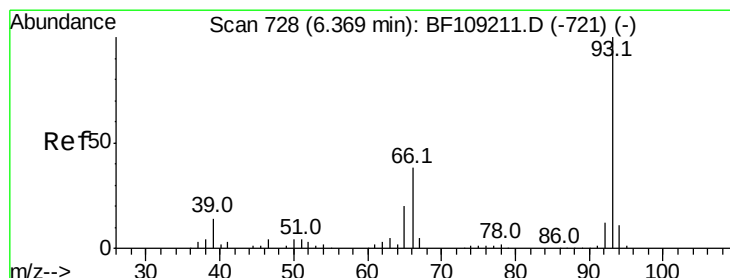
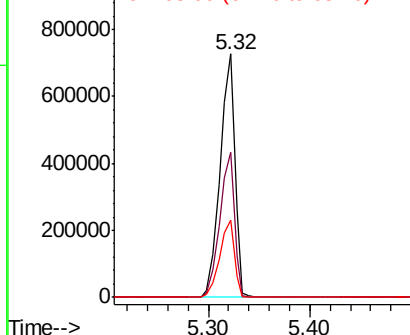
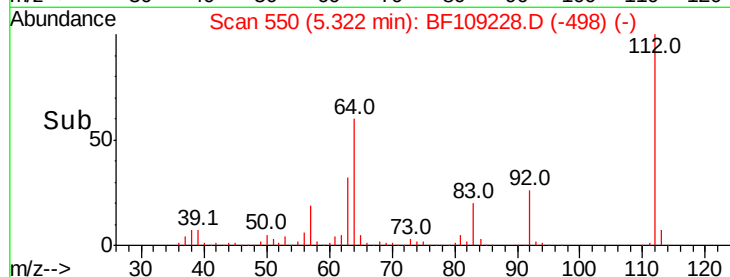
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	738351
Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	31.7	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: 17.670 ng

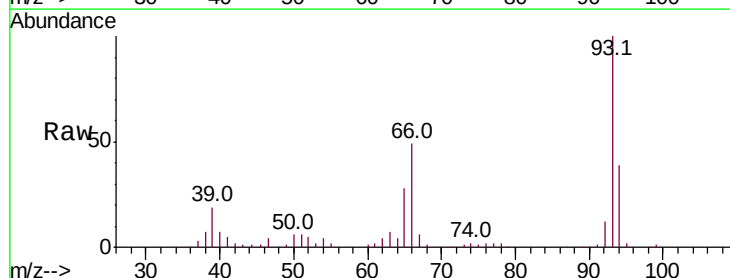
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

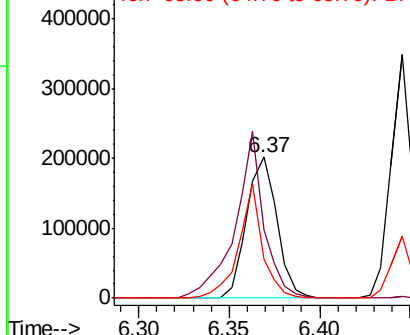
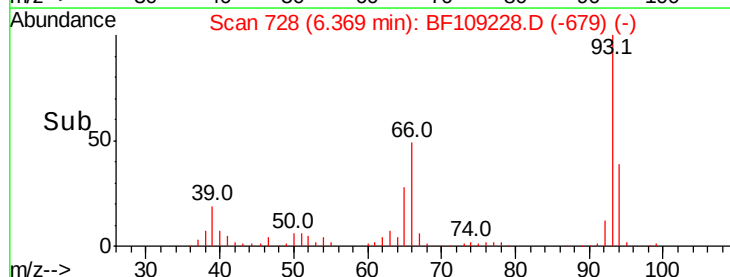
Lab File: BF109228.D

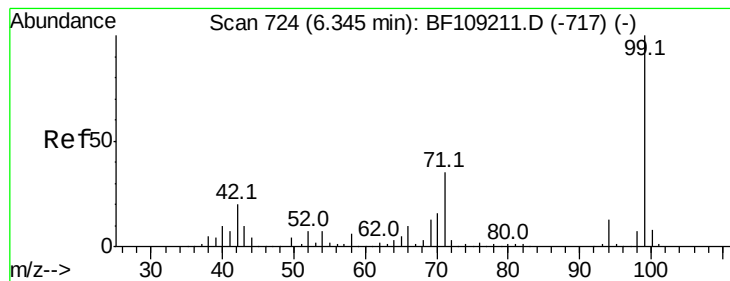
Acq: 22 Sep 2018 18:21

Tgt Ion:	93	Resp:	236964
Ion	Ratio	Lower	Upper
93	100		
66	48.9	32.2	48.2#
65	27.6	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: 92.870 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampled :

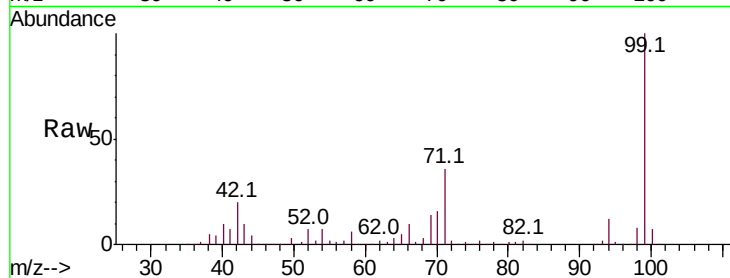
Tot Ion: 99 Resp: 973475

Ion Ratio Lower Upper

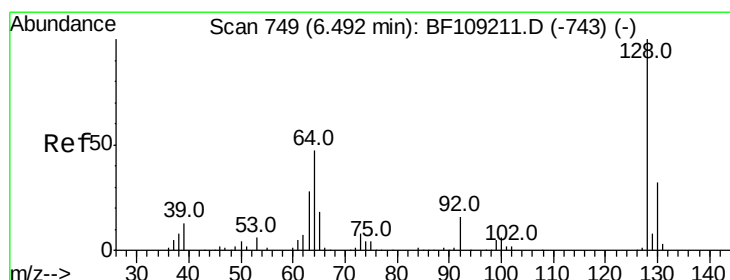
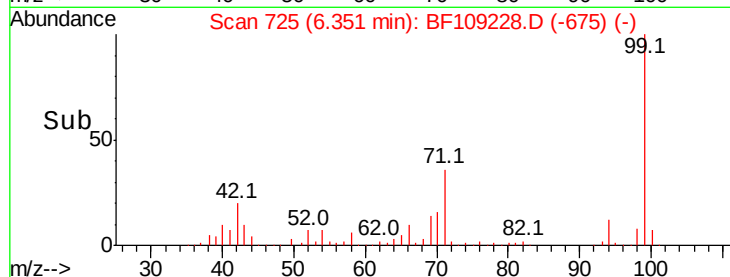
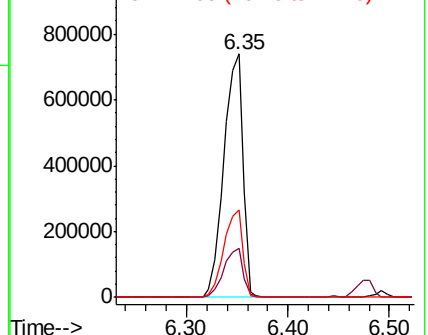
99 100

42 20.1 14.5 21.7

71 35.9 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: 29.905 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

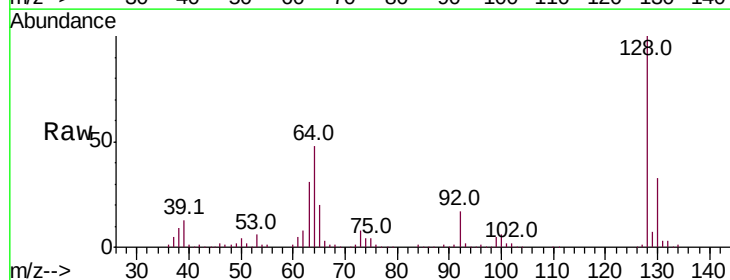
Tgt Ion: 128 Resp: 273174

Ion Ratio Lower Upper

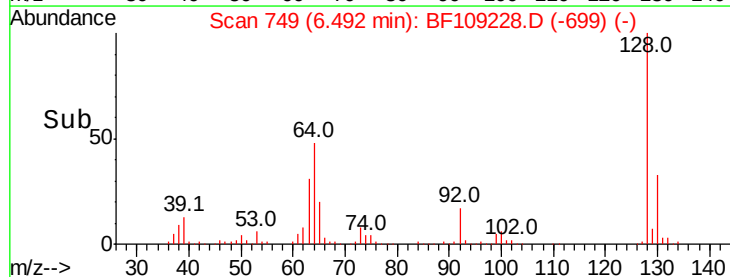
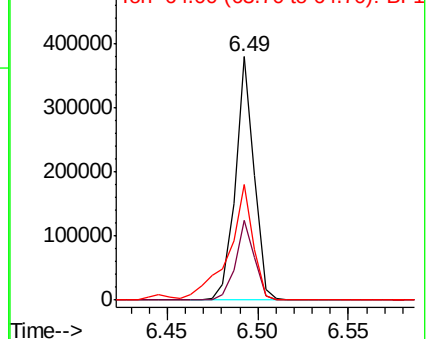
128 100

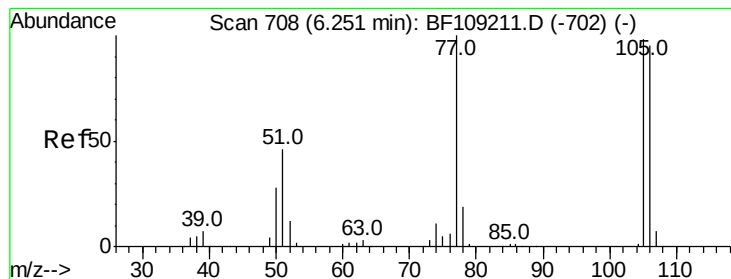
130 32.9 13.0 53.0

64 47.7 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: 29.882 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampled :

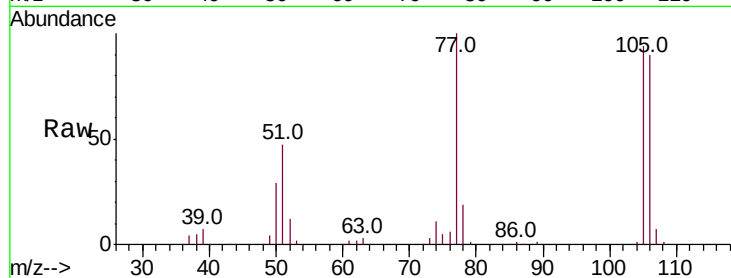
Tot Ion: 77 Resp: 201214

Ion Ratio Lower Upper

77 100

105 94.3 81.1 121.1

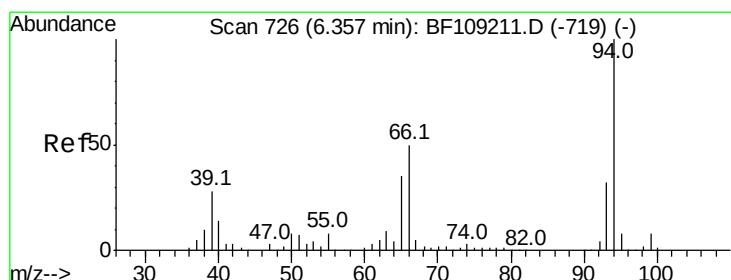
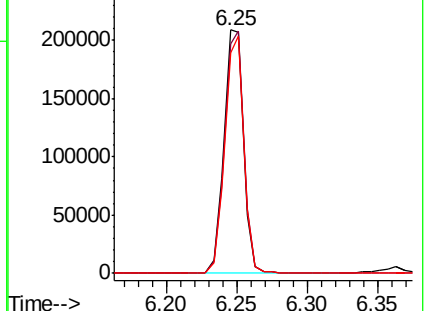
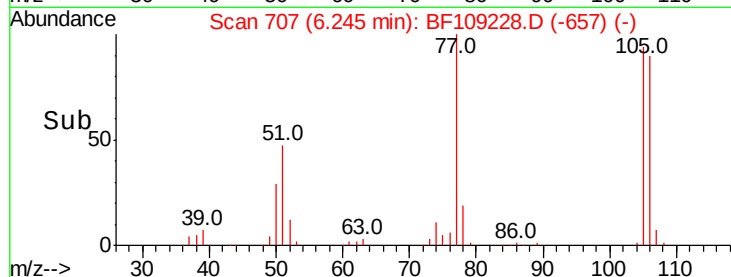
106 90.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.161 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

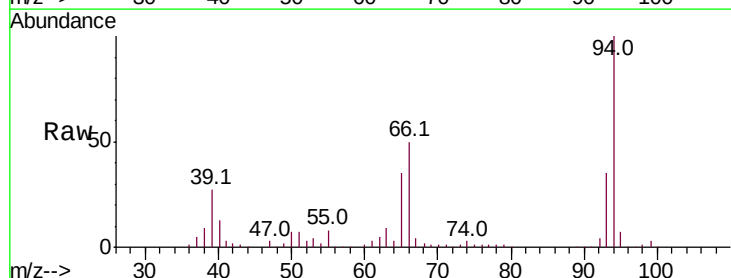
Tgt Ion: 94 Resp: 346159

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

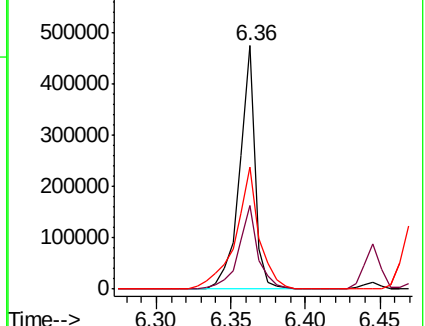
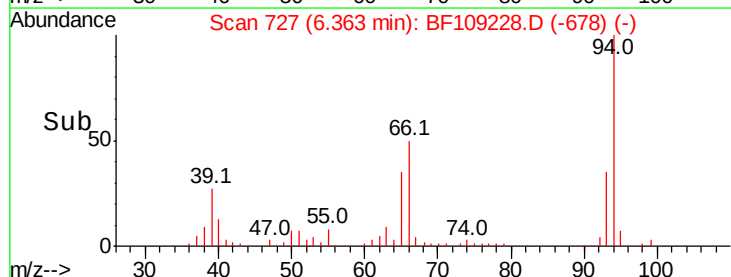
66 50.2 16.2 56.2

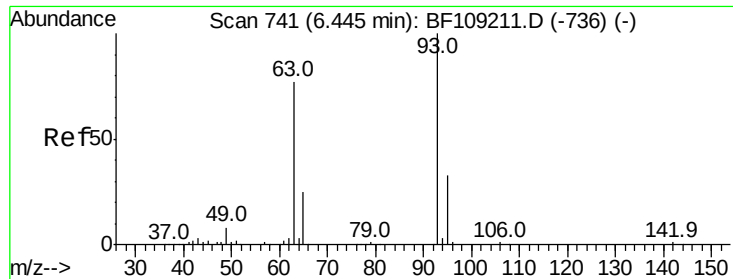


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

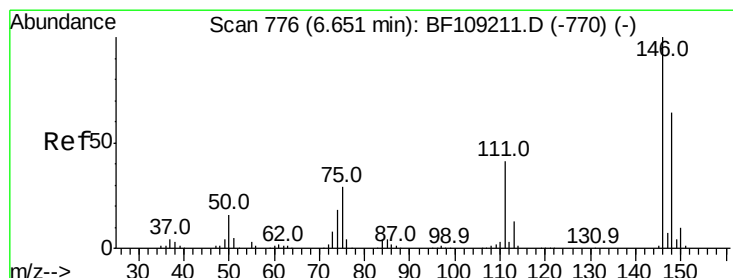
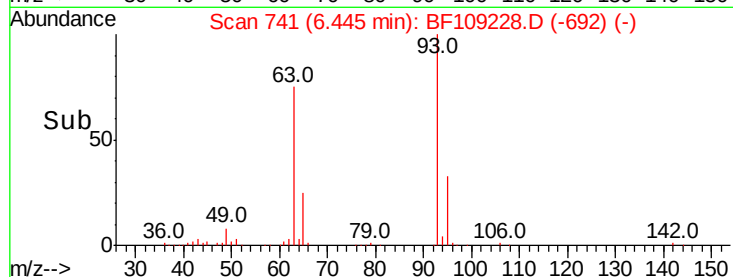
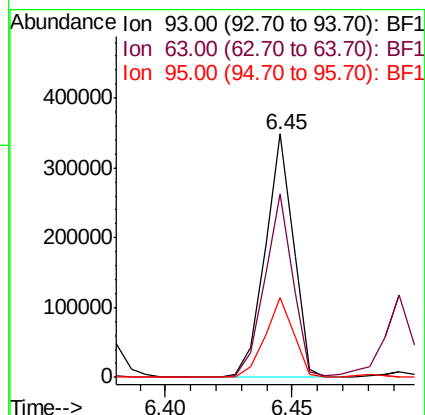
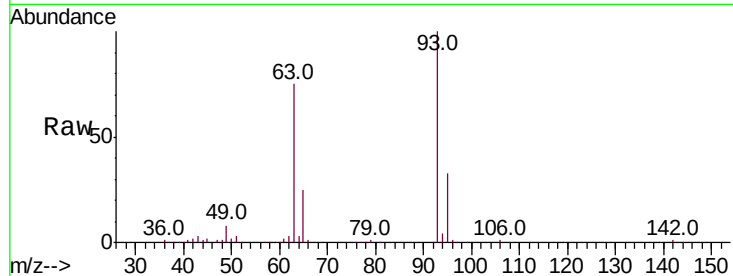




#11
bis(2-Chloroethyl)ether
Concen: 29.109 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

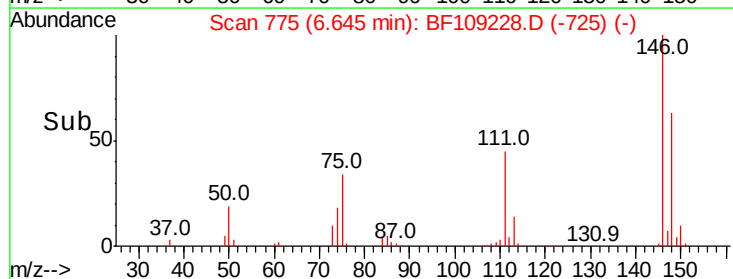
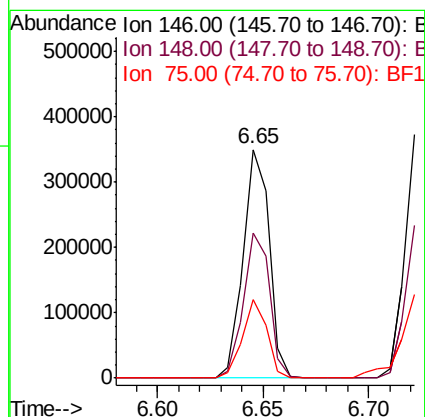
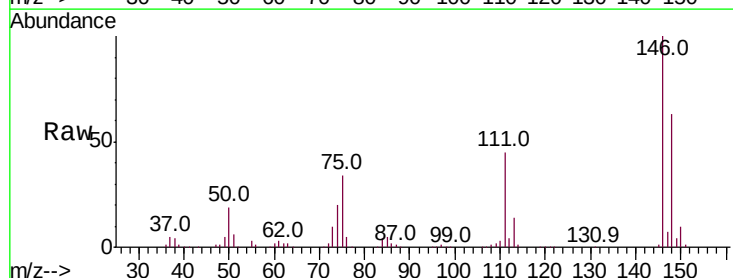
Instrument :
BNA_F
ClientSampleId :

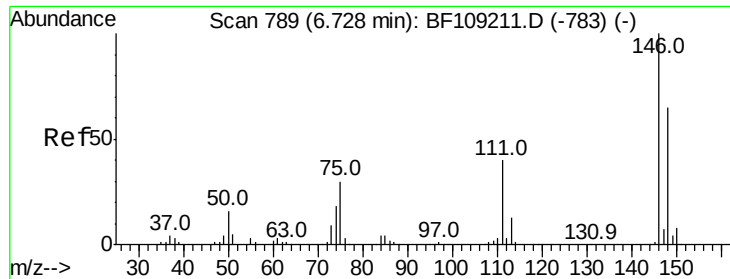
Tot Ion: 93 Resp: 270381
Ion Ratio Lower Upper
93 100
63 75.4 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 28.342 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion: 146 Resp: 298092
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 34.2 24.2 36.4

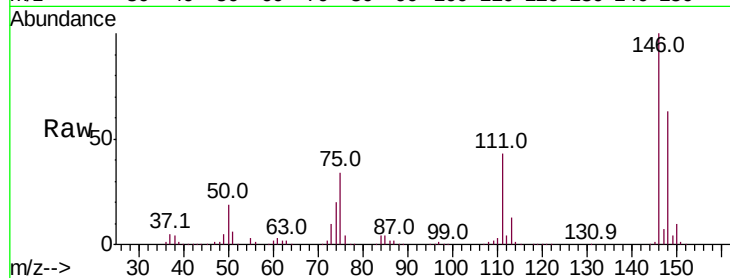




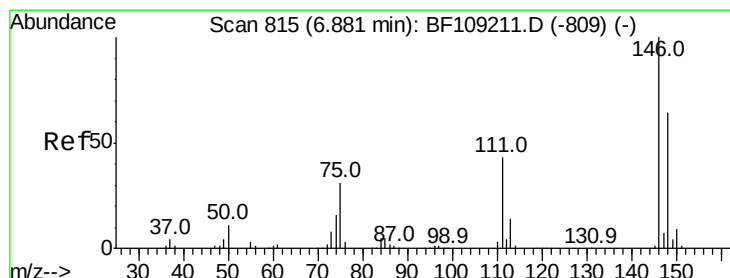
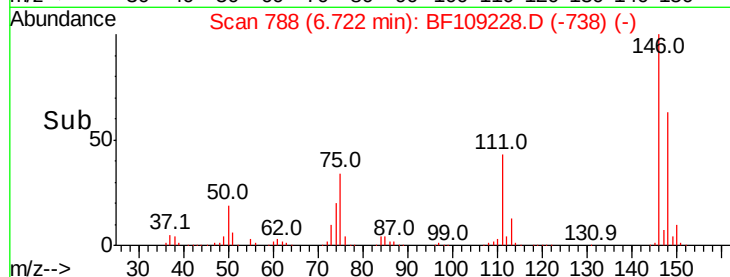
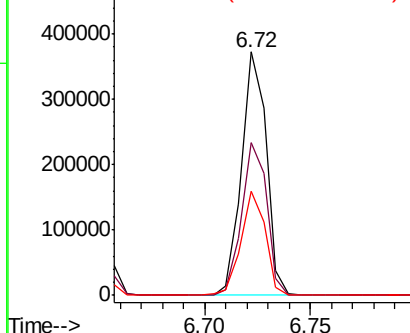
#13
 1,4-Dichlorobenzene
 Concen: 28.456 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 301513
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 42.6 34.2 51.2

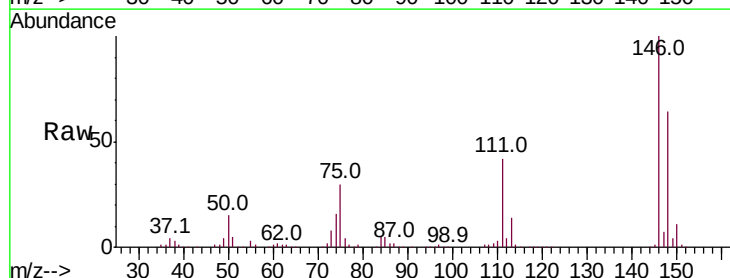


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

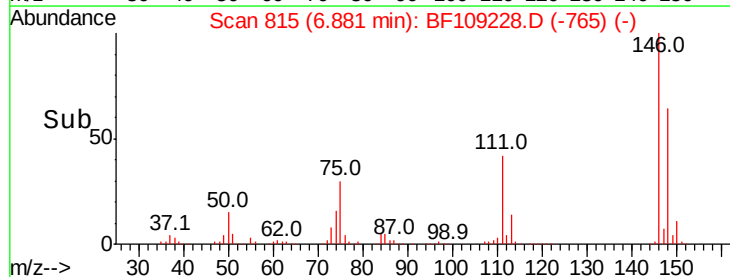
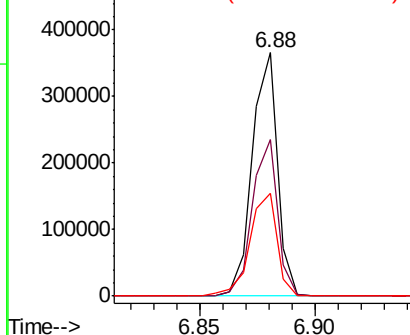


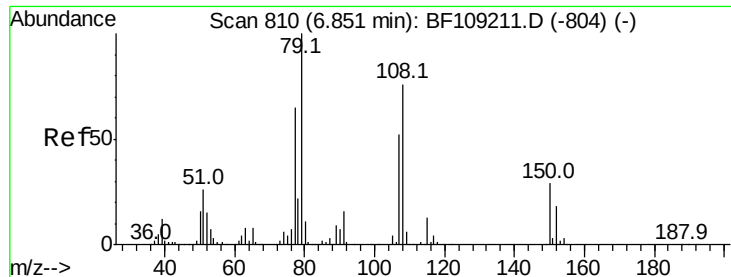
#14
 1,2-Dichlorobenzene
 Concen: 28.812 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:146 Resp: 281628
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 42.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 31.418 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

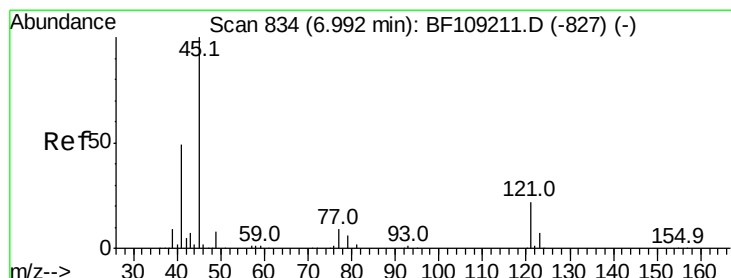
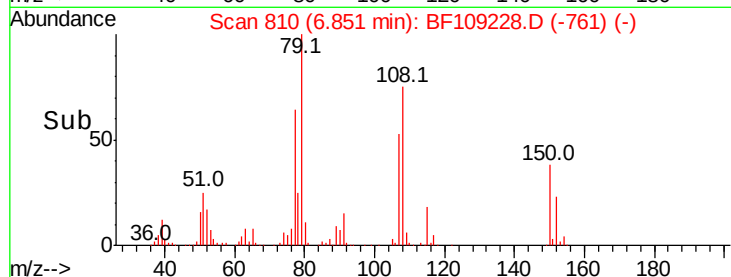
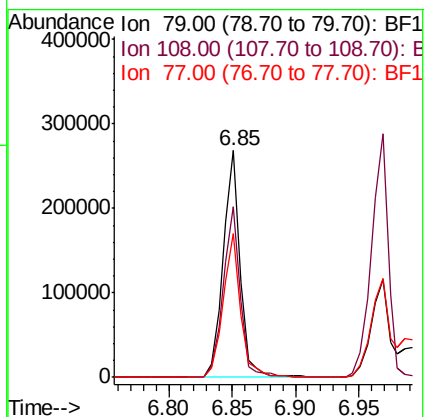
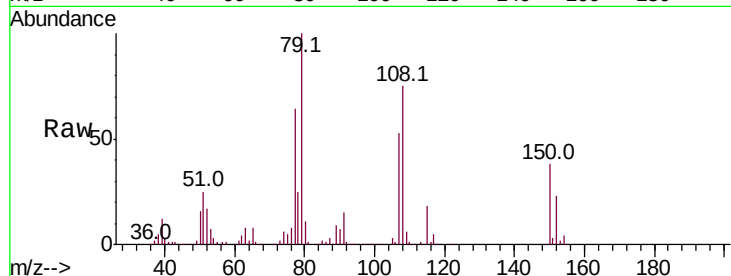
Tot Ion: 79 Resp: 252084

Ion Ratio Lower Upper

79 100

108 75.3 65.1 97.7

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.896 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

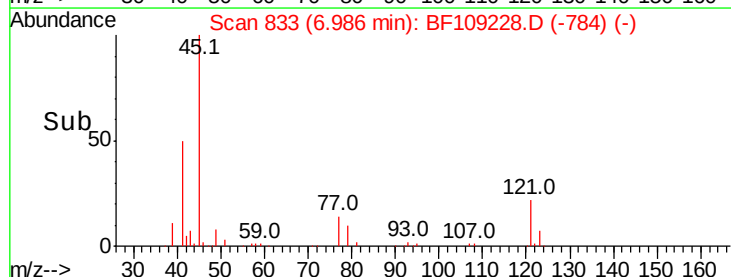
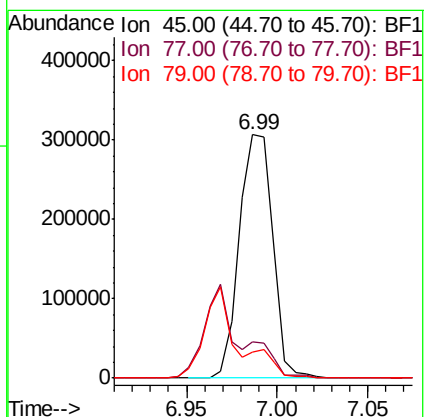
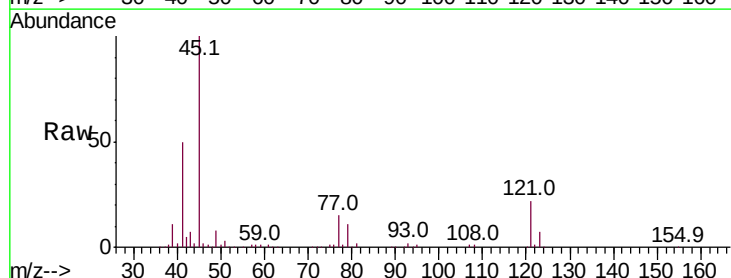
Tgt Ion: 45 Resp: 393895

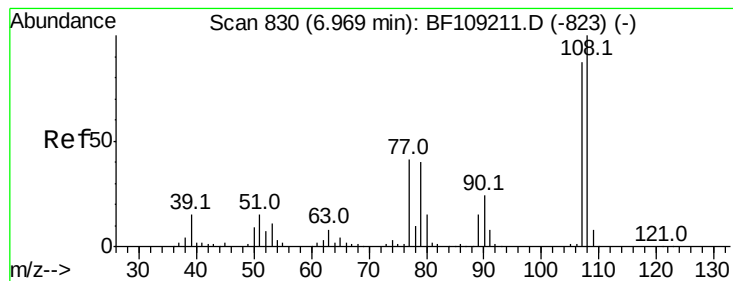
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 10.9 0.0 29.6

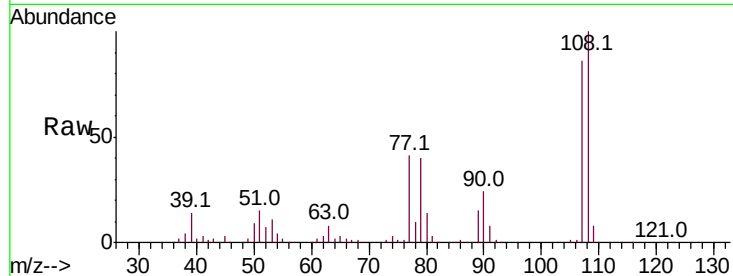




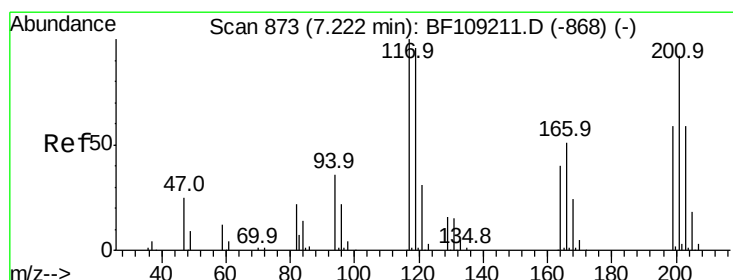
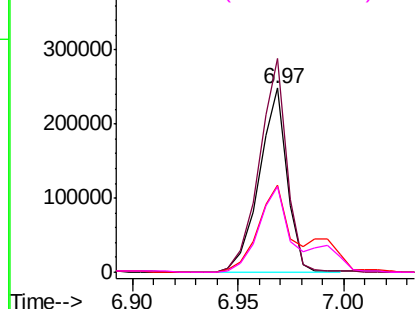
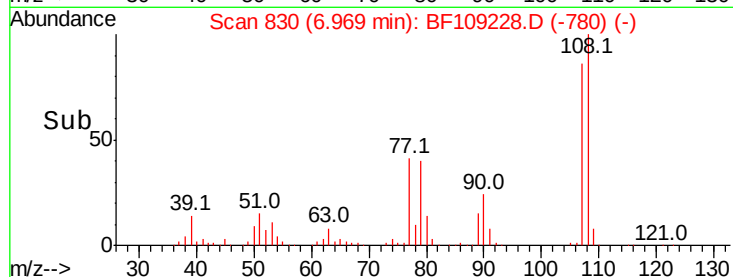
#17
2-Methylphenol
Concen: 30.812 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 227741
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 47.3 33.8 50.8
79 46.3 33.8 50.8

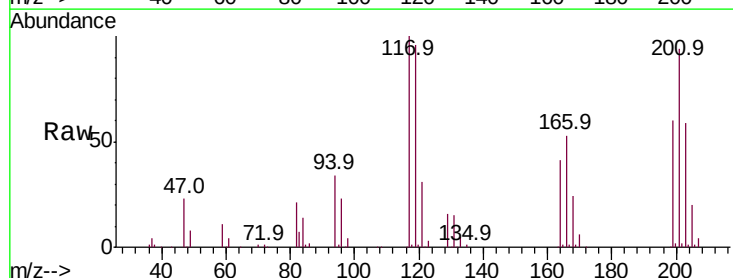


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

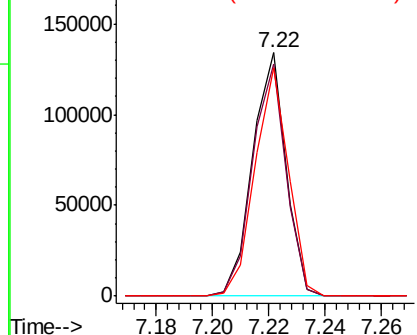
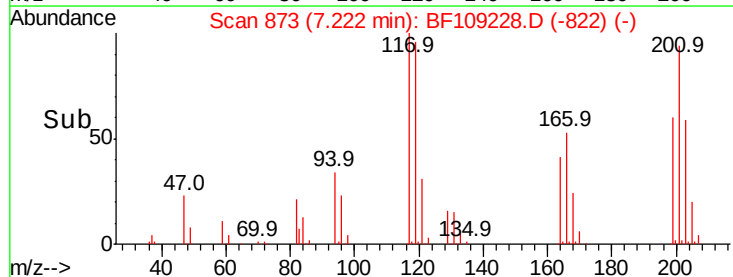


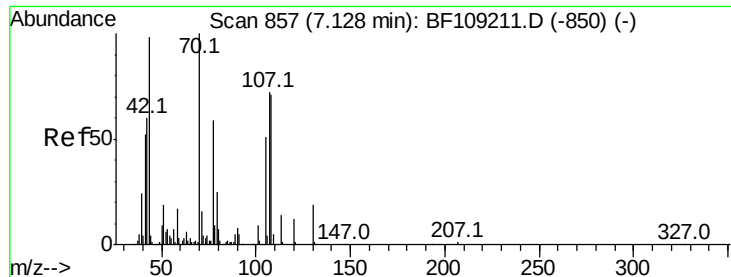
#18
Hexachloroethane
Concen: 29.451 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion:117 Resp: 109942
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 93.8 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

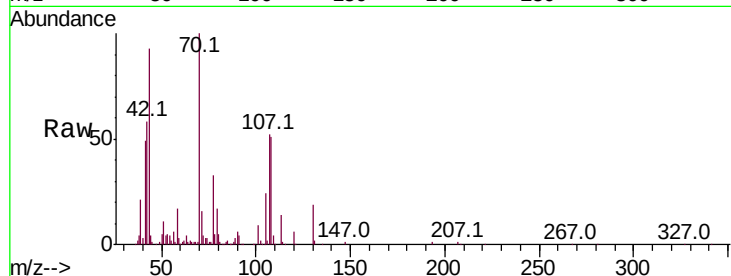




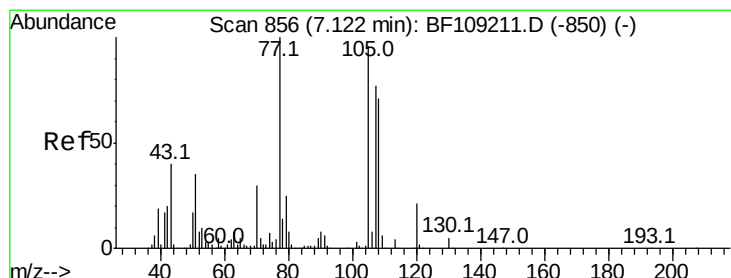
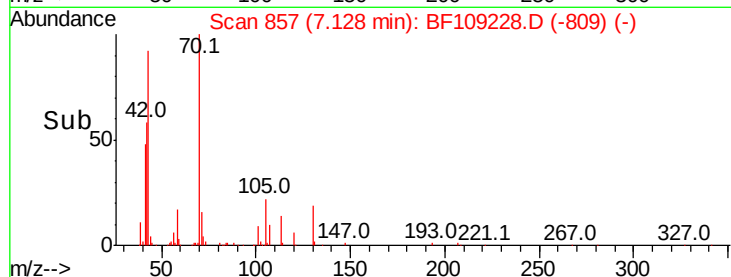
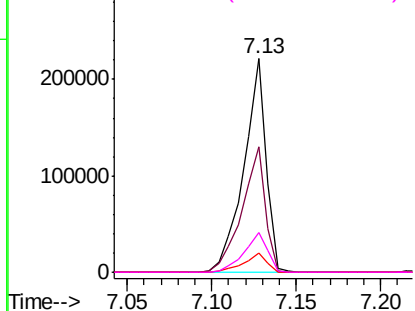
#19
n-Nitroso-di-n-propylamine
Concen: 29.798 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	204664
Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.5	71.3
101	9.2	7.4	11.2
130	18.8	16.6	25.0

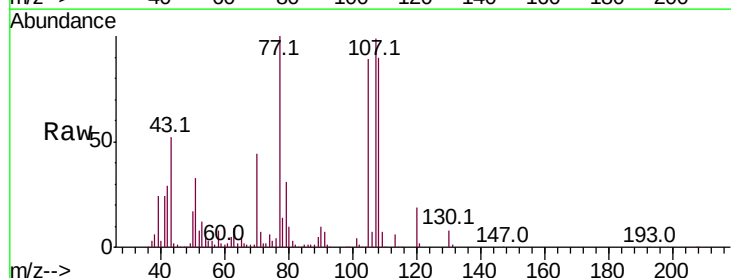


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

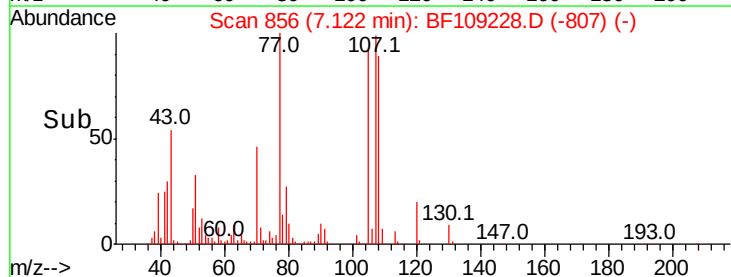
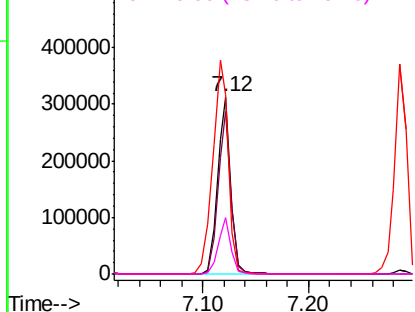


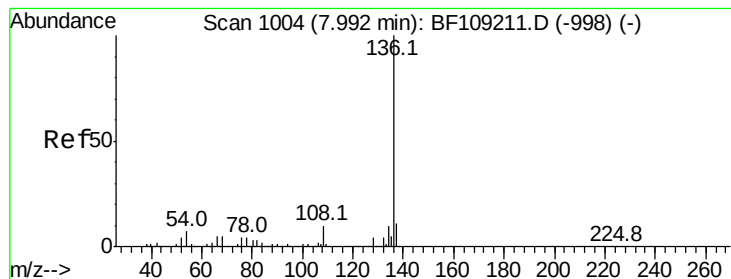
#20
3+4-Methylphenols
Concen: 30.952 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion:	107	Resp:	276212
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	101.3	26.7	66.7#
79	31.6	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 528894

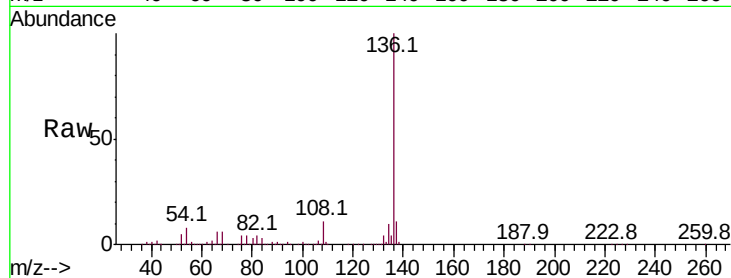
Ion Ratio Lower Upper

136 100

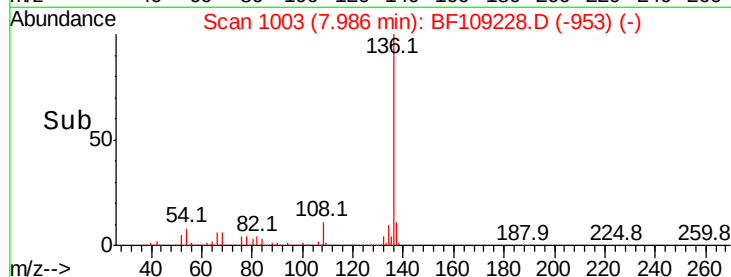
137 11.2 8.9 13.3

54 8.0 6.6 9.8

68 6.0 5.0 7.4



Abundance

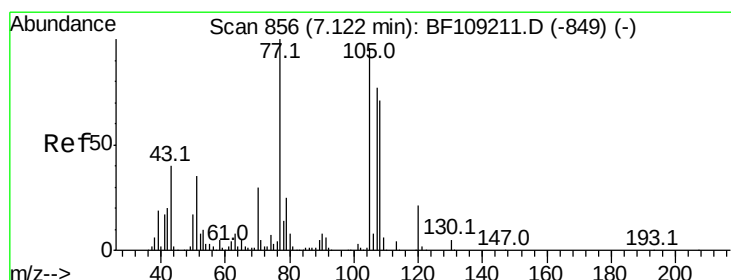
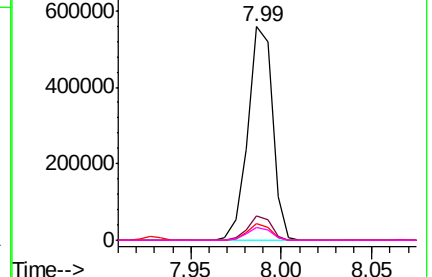


Ion 136.00 (135.70 to 136.70): E

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: 31.611 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:105 Resp: 386535

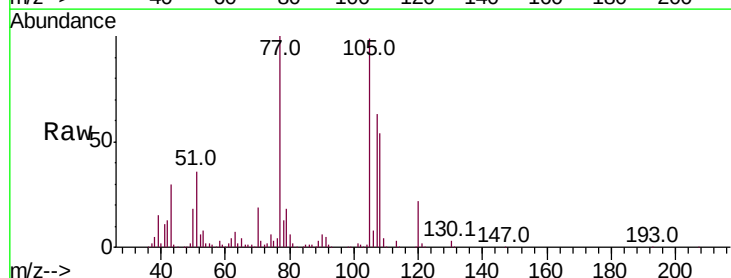
Ion Ratio Lower Upper

105 100

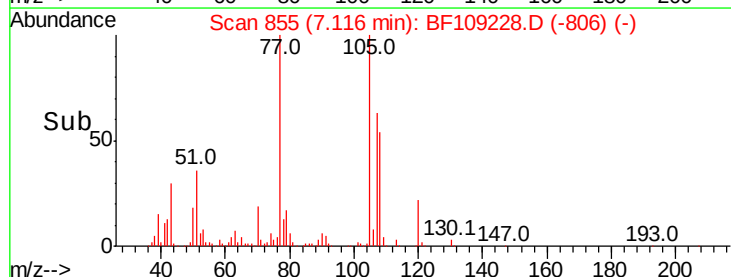
71 3.3 4.4 6.6#

51 36.3 22.3 33.5#

120 22.3 16.9 25.3



Abundance

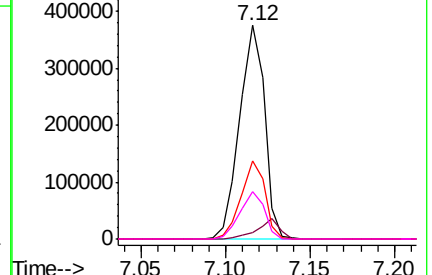


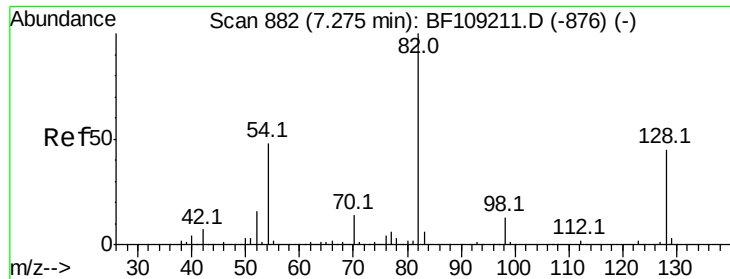
Ion 105.00 (104.70 to 105.70): E

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

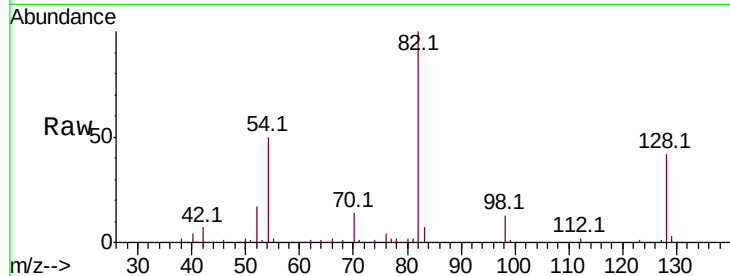




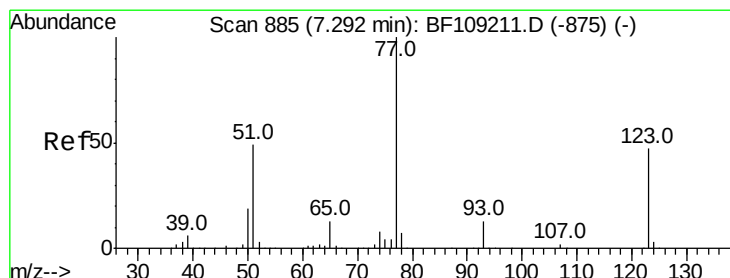
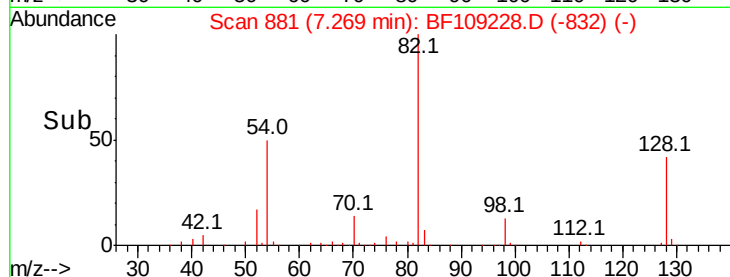
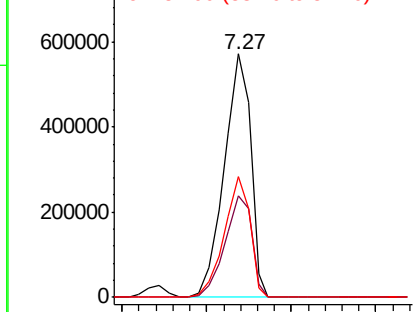
#23
 Nitrobenzene-d5
 Concen: 69.400 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	621794
Ion Ratio	100	Lower	Upper
128	41.5	36.1	54.1
54	49.7	41.4	62.2

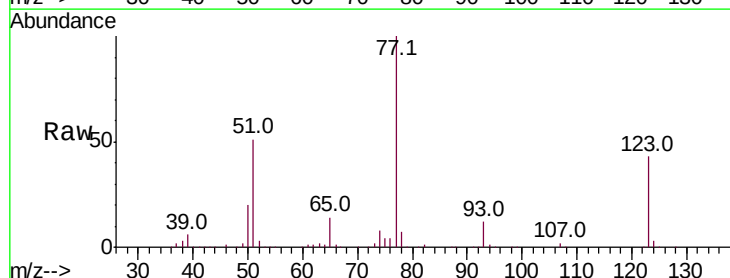


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

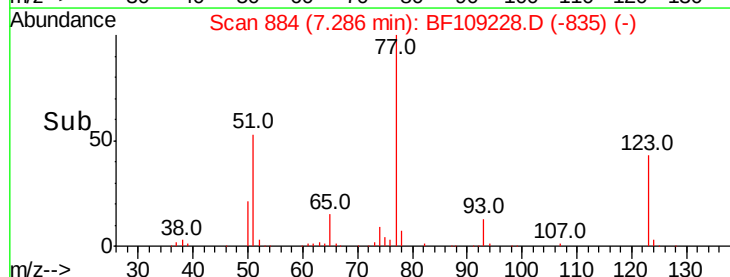
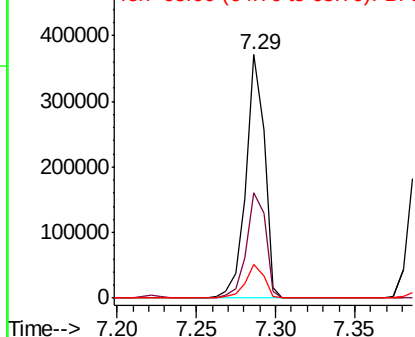


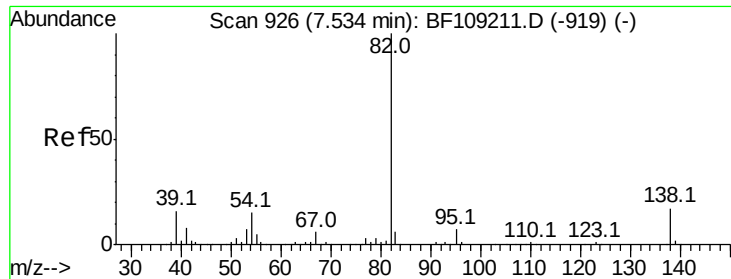
#24
 Nitrobenzene
 Concen: 31.490 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	77	Resp	299982
Ion Ratio	100	Lower	Upper
123	43.2	37.9	56.9
65	13.7	11.0	16.4



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

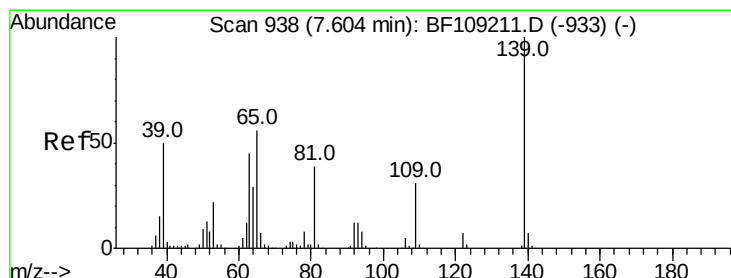
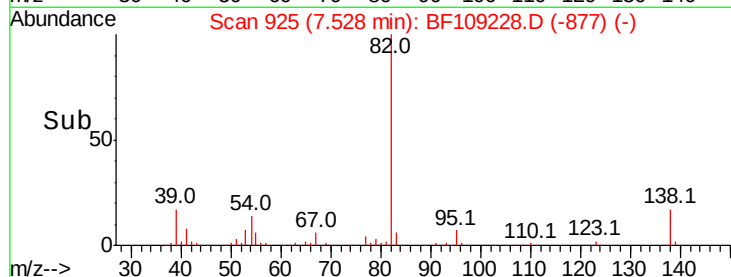
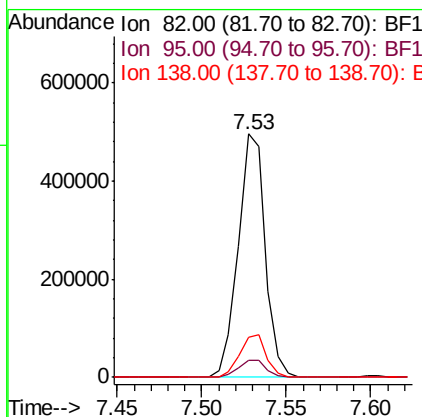
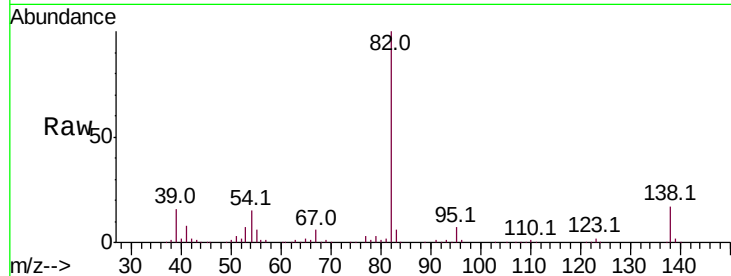




#25
Isophorone
Concen: 34.320 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

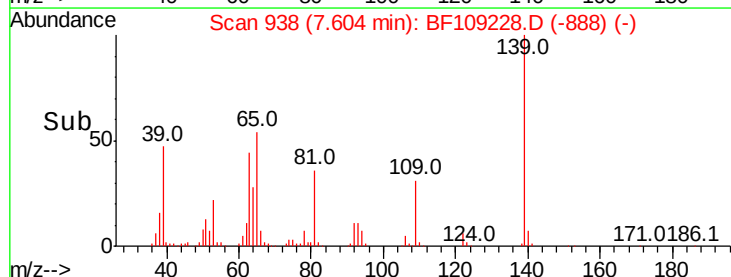
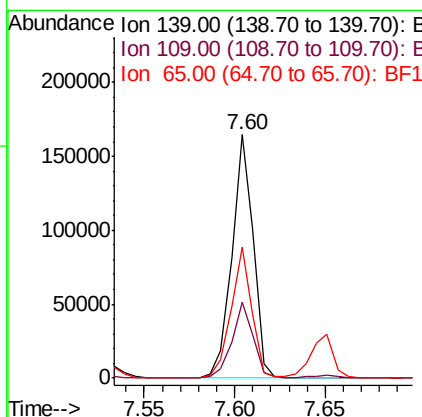
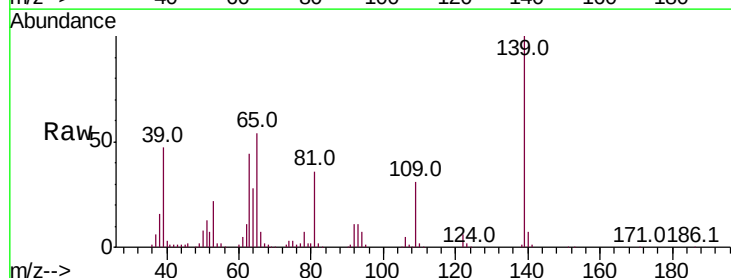
Instrument :
BNA_F
ClientSampleId :

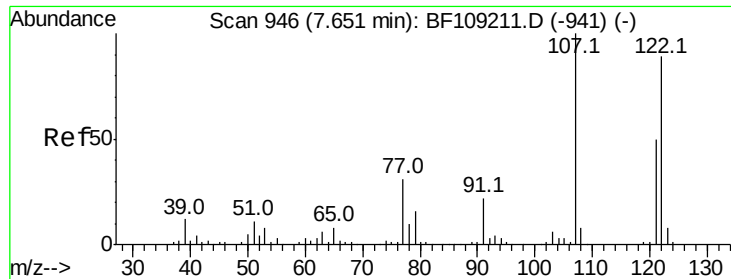
Tot Ion: 82 Resp: 553709
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 16.7 14.9 22.3



#26
2-Nitrophenol
Concen: 35.723 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion: 139 Resp: 134583
Ion Ratio Lower Upper
139 100
109 31.1 22.7 34.1
65 53.6 40.5 60.7

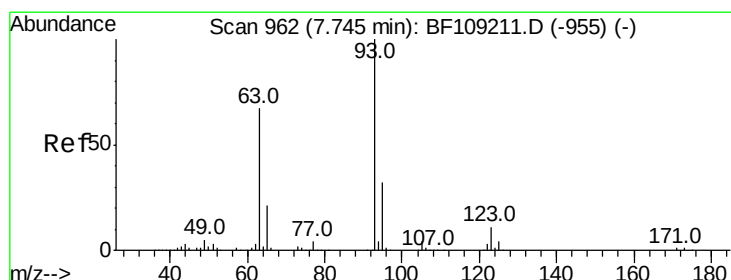
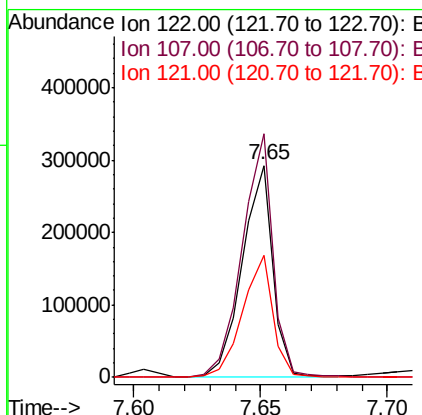
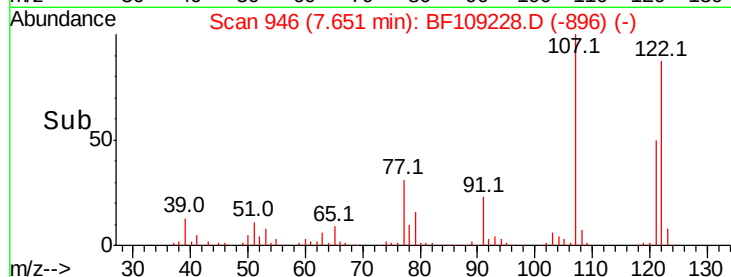
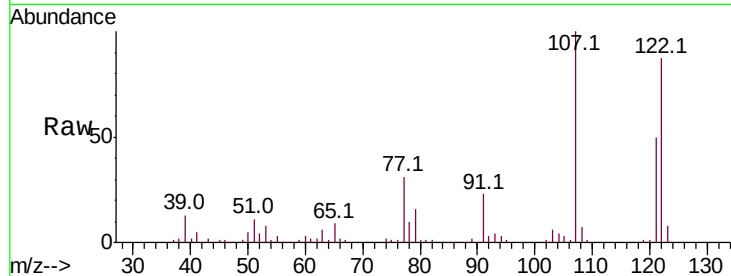




#27
 2,4-Dimethylphenol
 Concen: 35.211 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

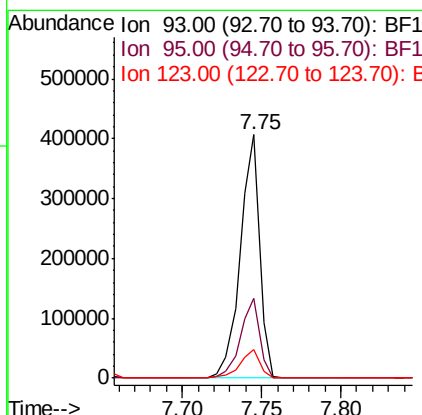
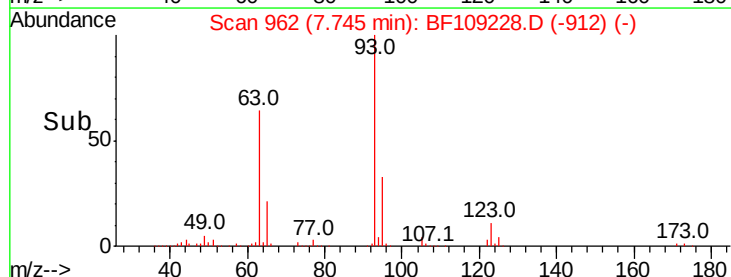
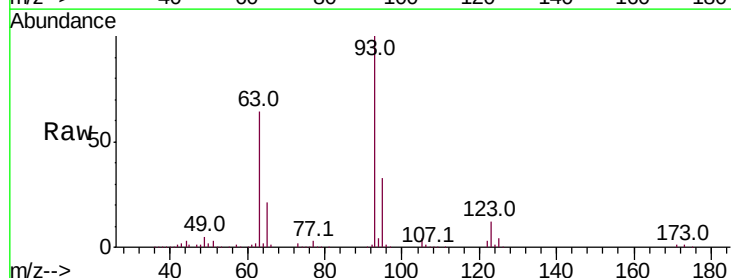
Instrument :
 BNA_F
 ClientSampled :

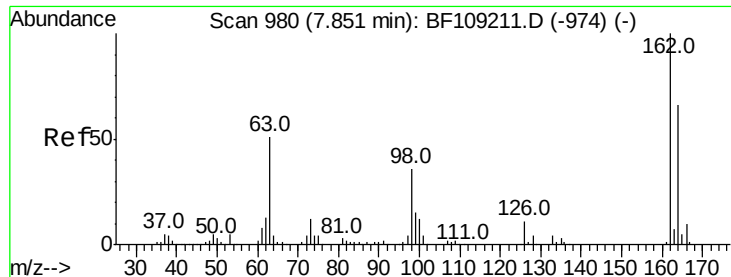
Tot Ion:	122	Resp:	247532
Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	57.4	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.149 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:	93	Resp:	343350
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.6	9.8	14.6

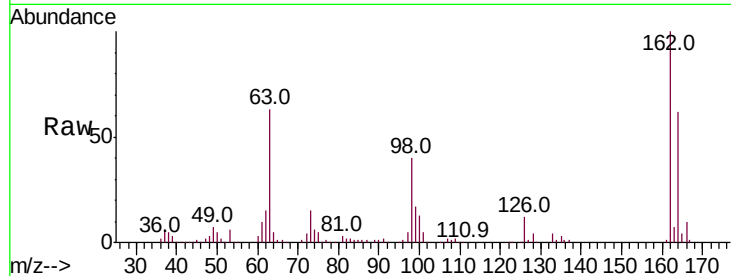




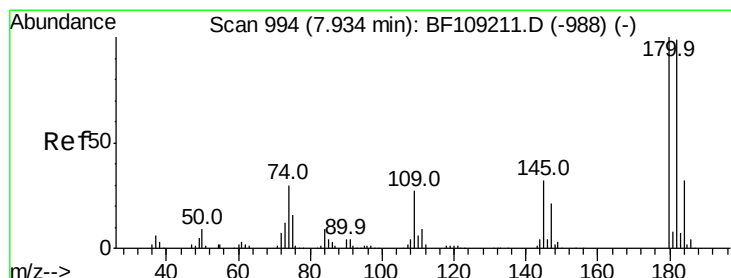
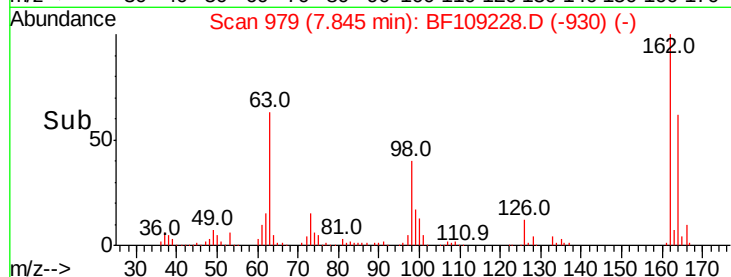
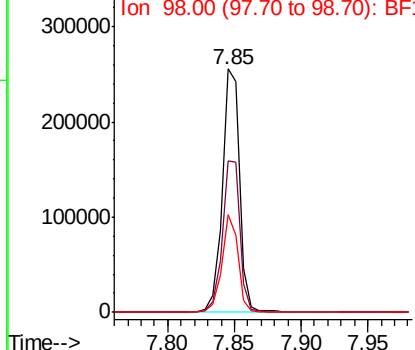
#29
 2,4-Dichlorophenol
 Concen: 31.819 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	40.1	18.1	58.1

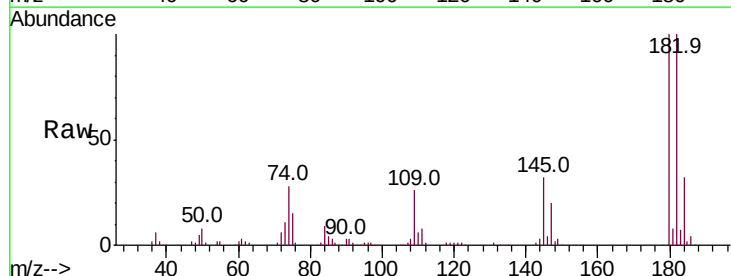


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

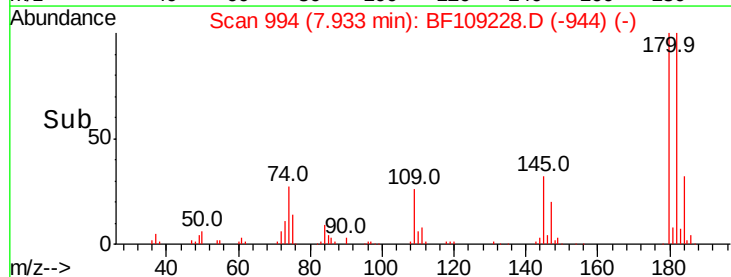
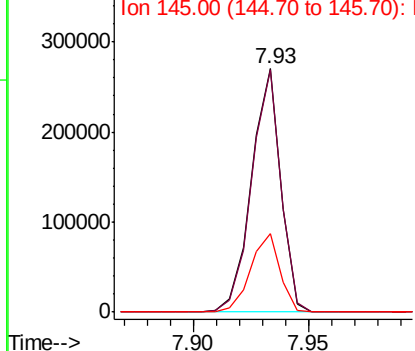


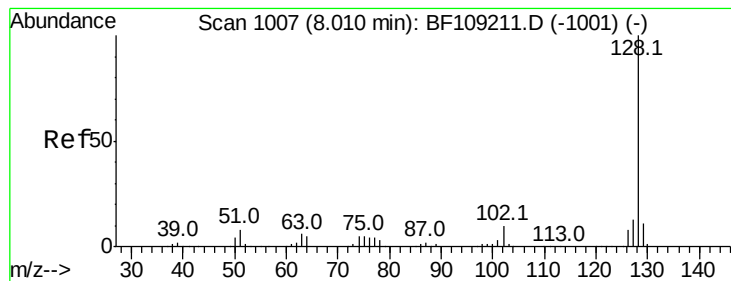
#30
 1,2,4-Trichlorobenzene
 Concen: 29.022 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.8	115.2
145	32.1	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: 32.171 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampled :

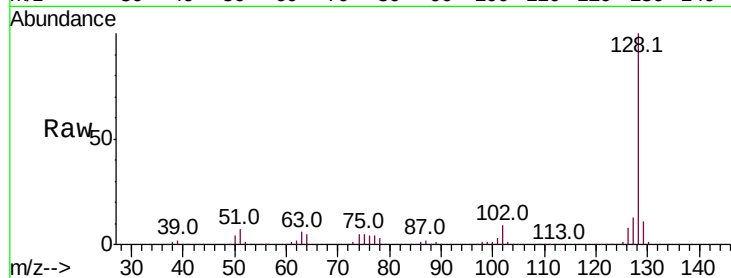
Tot Ion:128 Resp: 795113

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

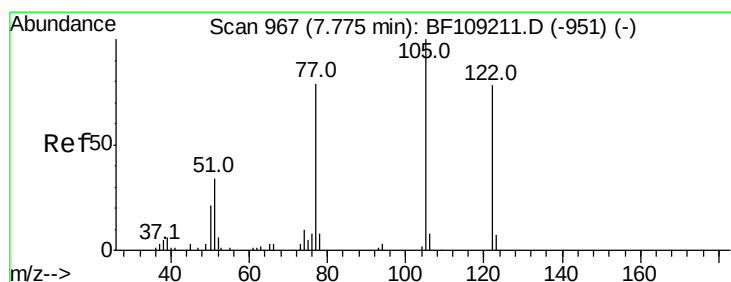
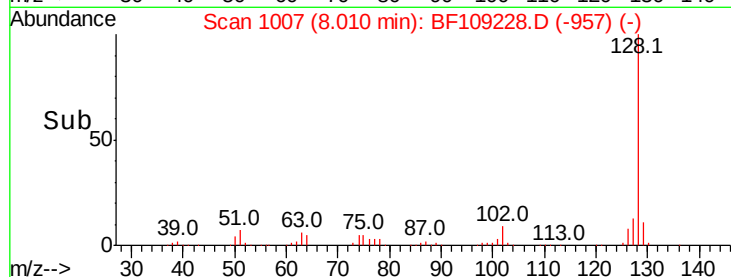
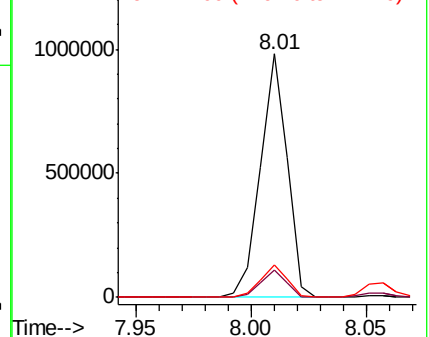
127 13.1 10.9 16.3



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: 15.844 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.08 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

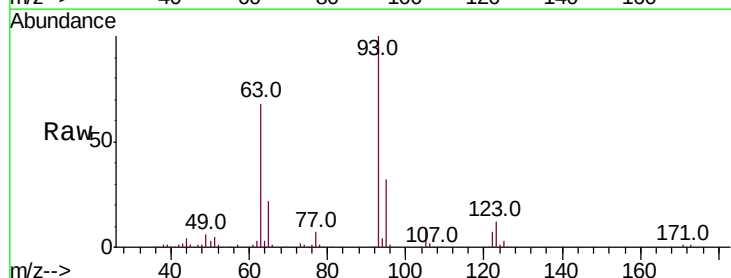
Tgt Ion:122 Resp: 50347

Ion Ratio Lower Upper

122 100

105 127.4 101.1 141.1

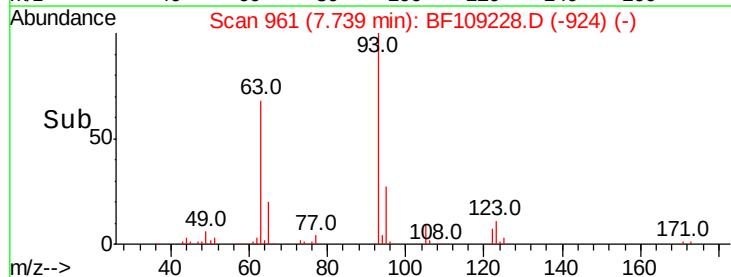
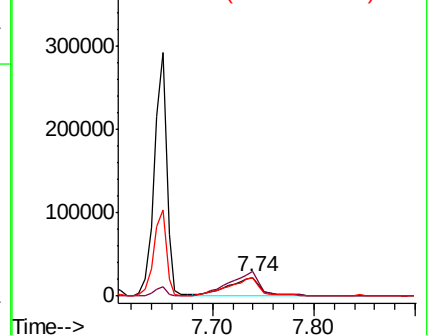
77 94.9 70.7 110.7

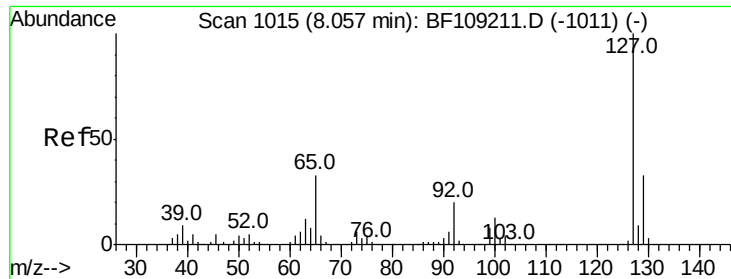


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

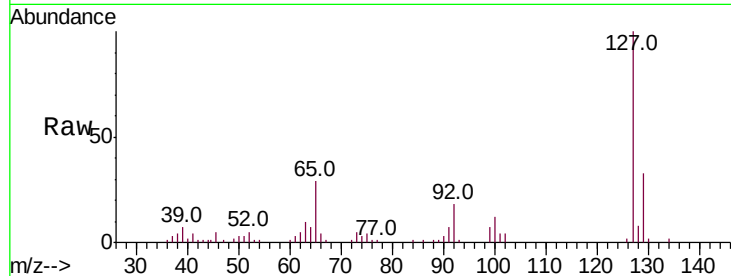




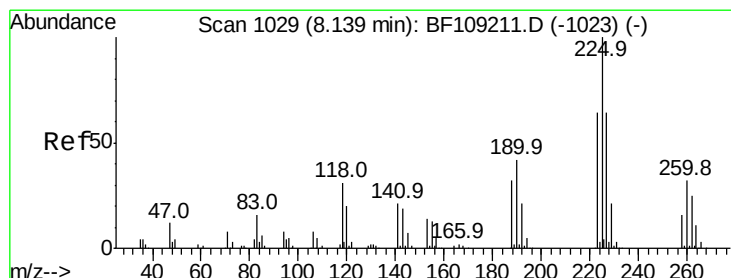
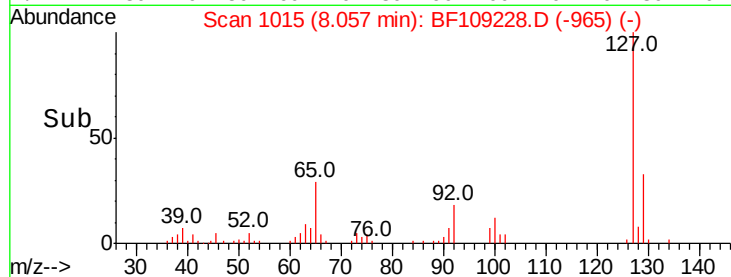
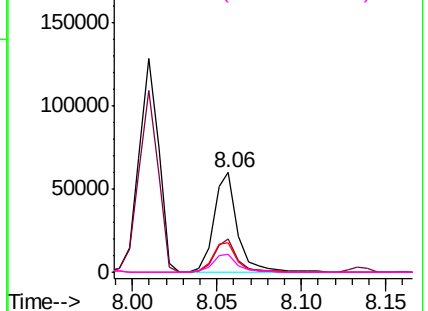
#33
4-Chloroaniline
Concen: 5.419 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	58509
Ion Ratio	Lower	Upper
127	100	
129	33.0	25.9 38.9
65	29.5	25.0 37.4
92	17.9	15.2 22.8

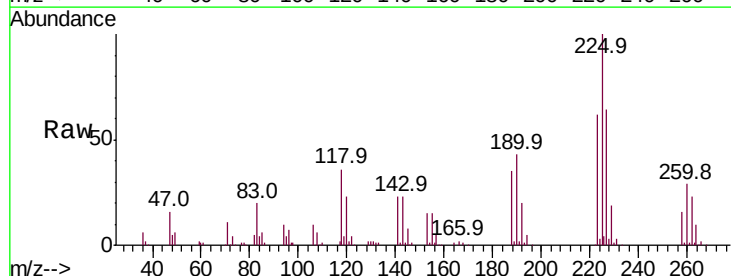


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

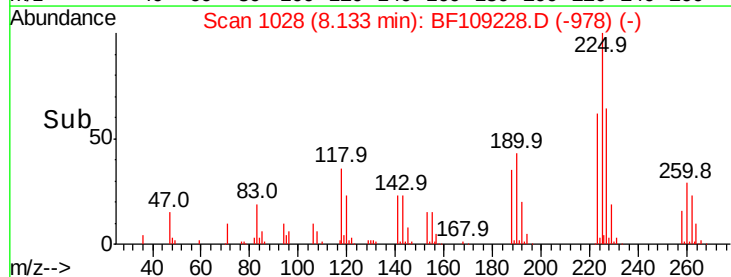
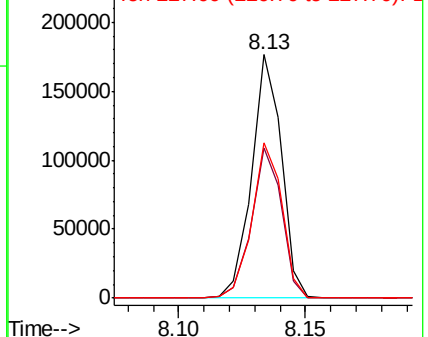


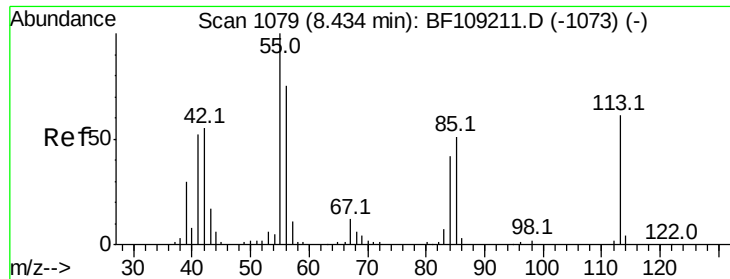
#34
Hexachlorobutadiene
Concen: 29.134 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion:225	Resp:	144952
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.6 76.0
227	63.6	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

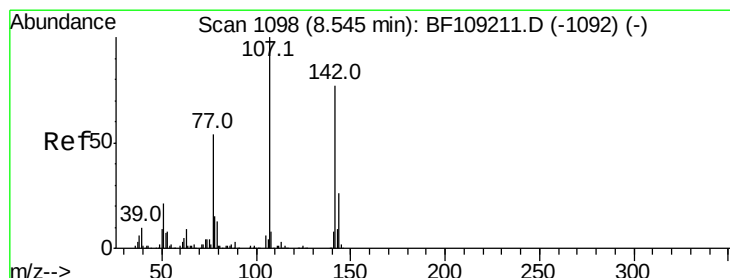
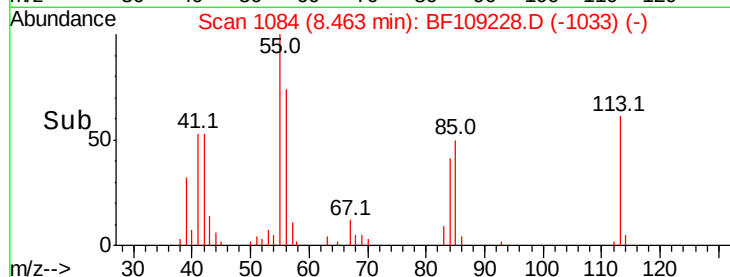
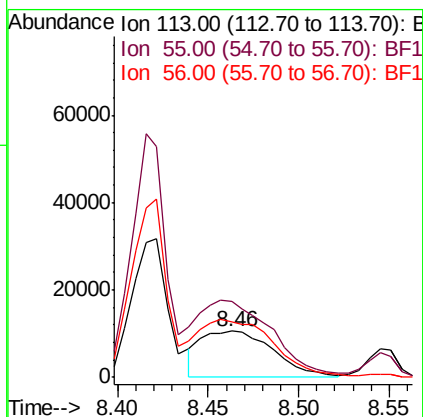
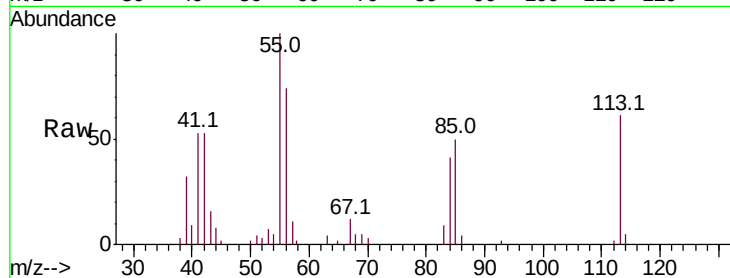




#35
 Caprolactam
 Concen: 12.527 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

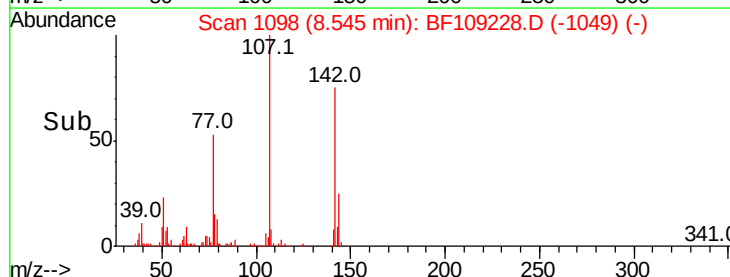
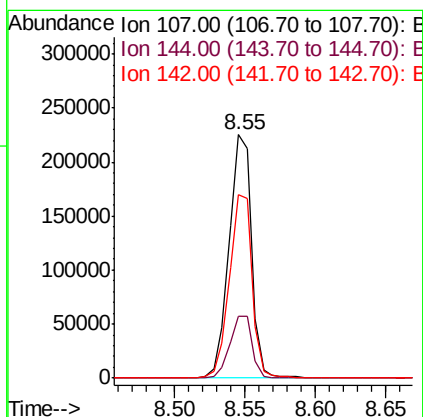
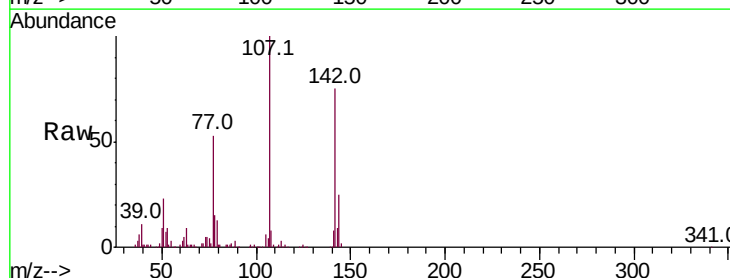
Instrument :
 BNA_F
 ClientSampled :

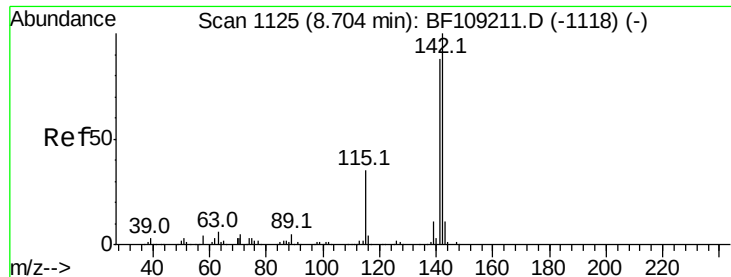
Tot Ion:113 Resp: 29541
 Ion Ratio Lower Upper
 113 100
 55 165.2 163.3 203.3
 56 121.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 32.214 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:107 Resp: 250375
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 75.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 33.186 ng

RT: 8.70 min Scan# 1124

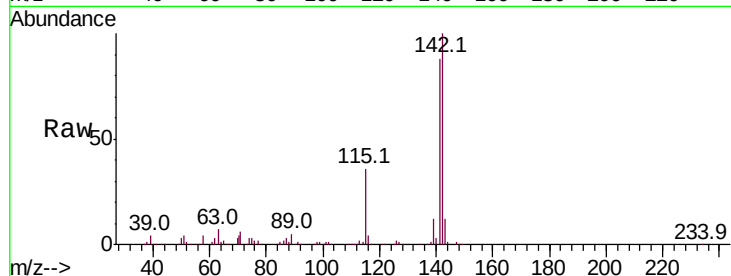
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	36.3	26.1	39.1

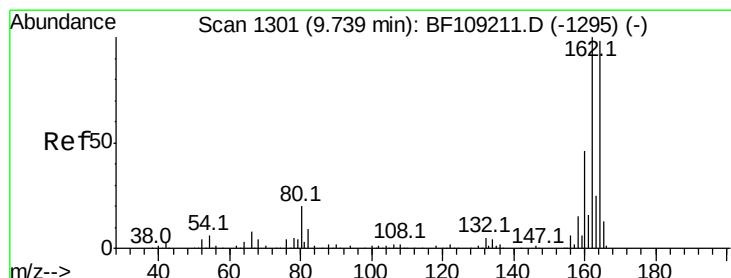
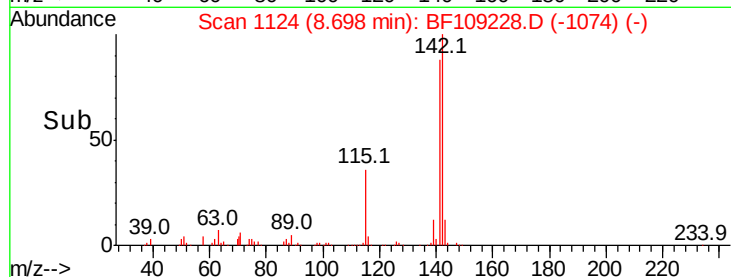
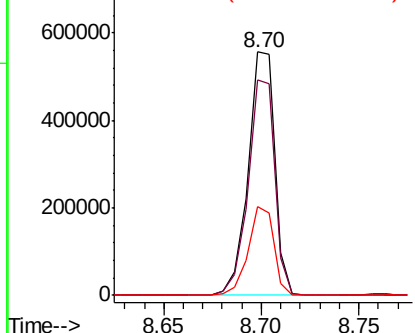


Abundance

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

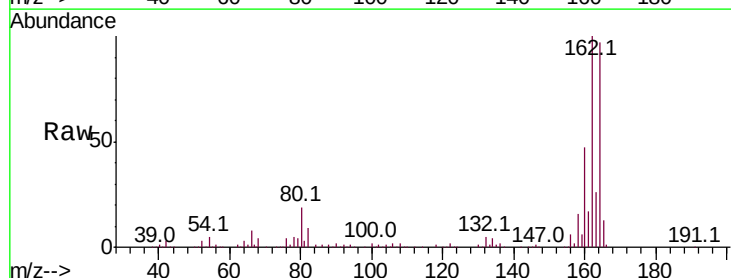
RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	48.0	38.3	57.5

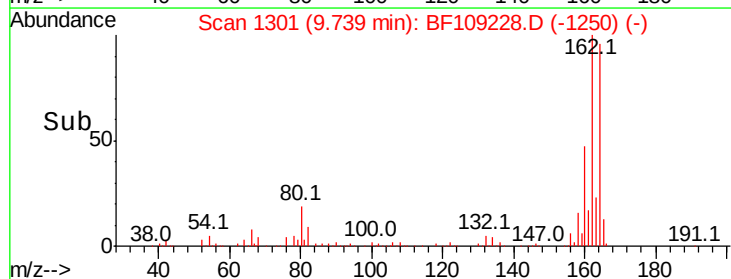
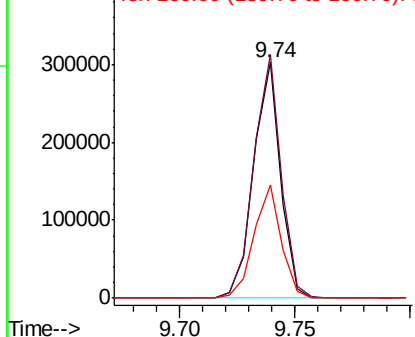


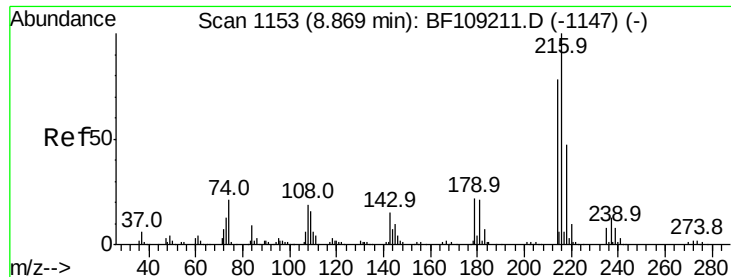
Abundance

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

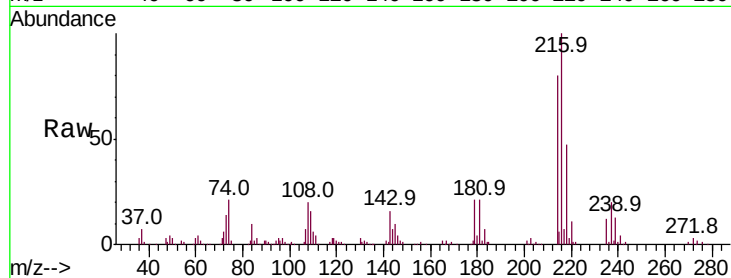




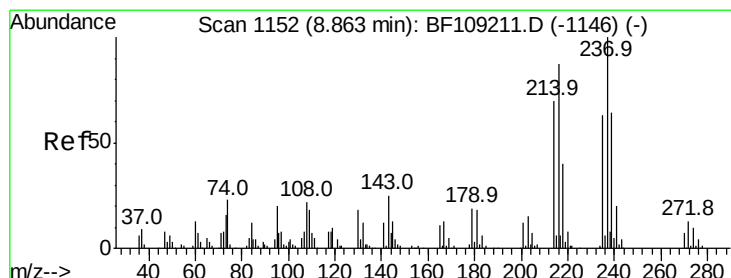
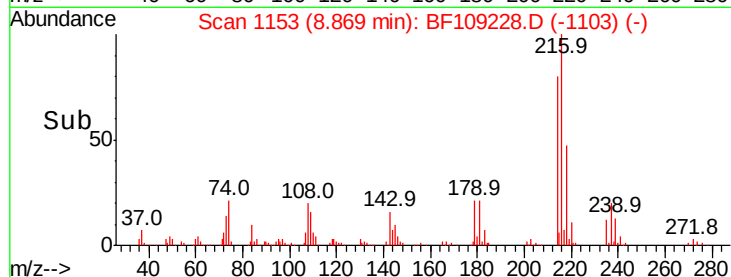
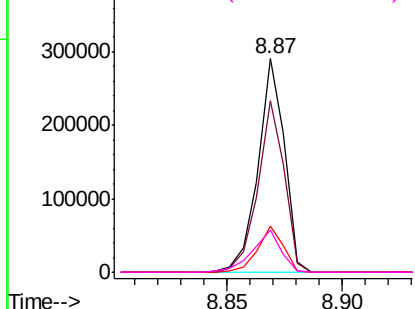
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.624 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	232503
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	20.9	18.1	27.1
108	21.3	17.2	25.8

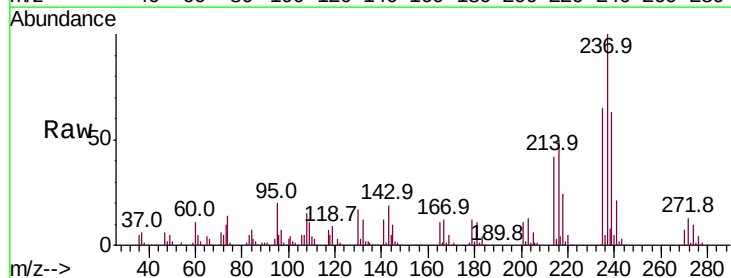


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

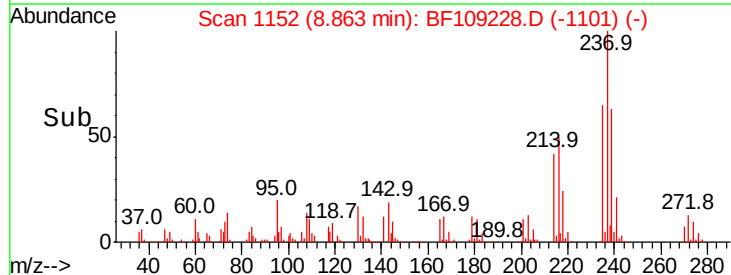
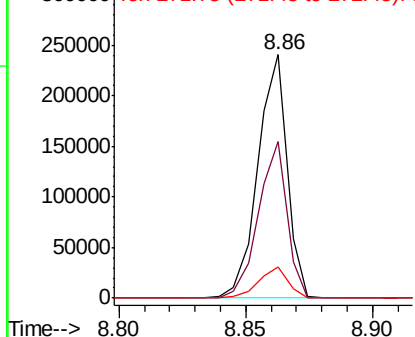


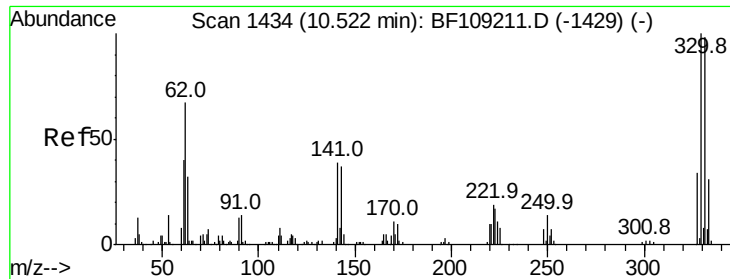
#40
 Hexachlorocyclopentadiene
 Concen: 56.850 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:	237	Resp:	194611
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	12.7	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

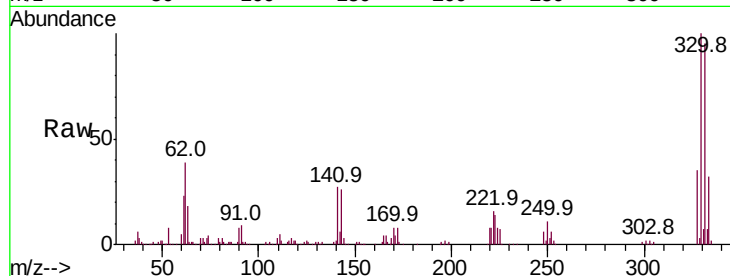




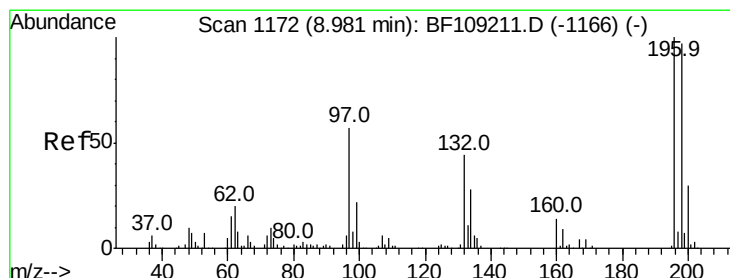
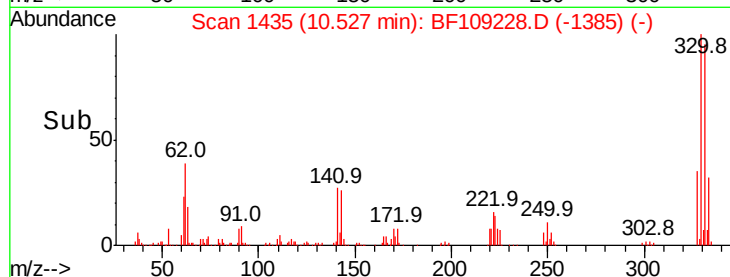
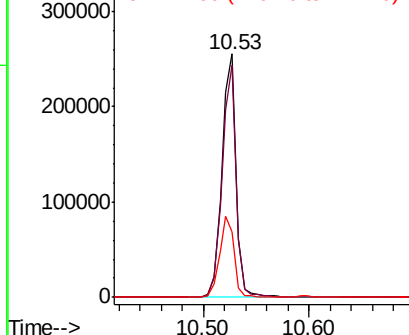
#41
 2,4,6-Tribromophenol
 Concen: 99.317 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 241443
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 34.5 29.9 44.9

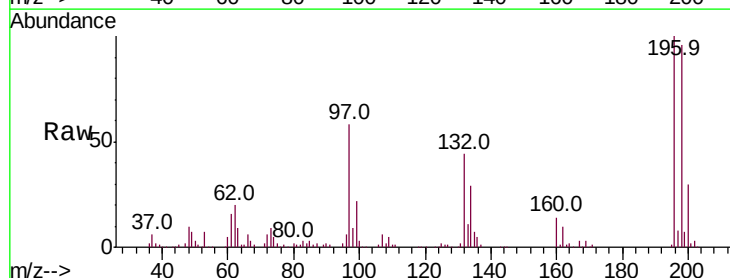


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

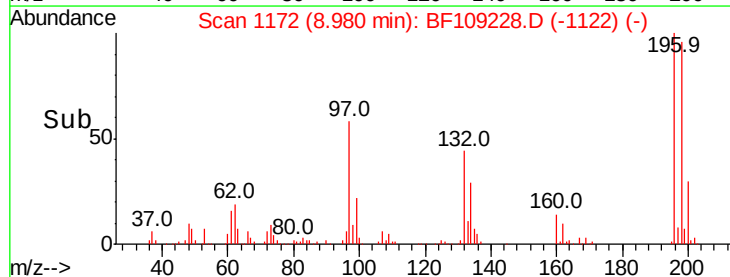
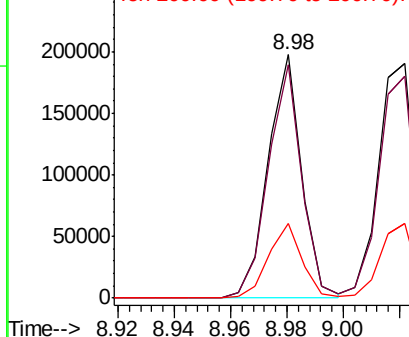


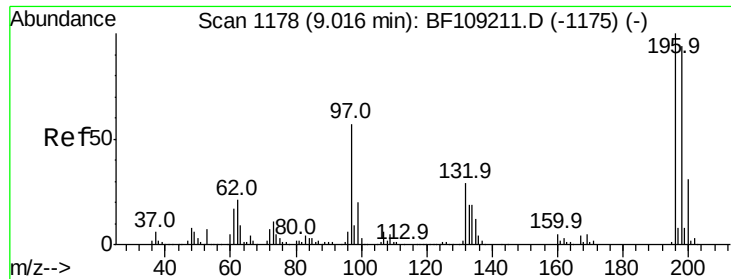
#42
 2,4,6-Trichlorophenol
 Concen: 32.390 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:196 Resp: 163150
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.5 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

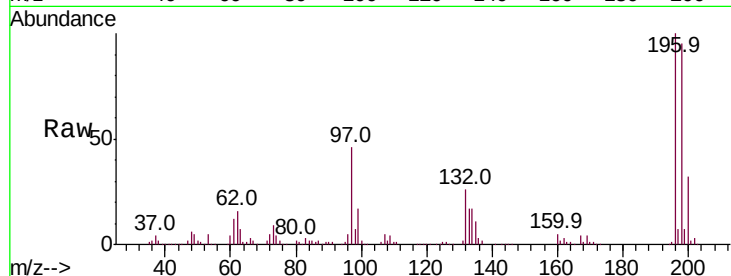




#43
 2,4,5-Trichlorophenol
 Concen: 32.860 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	46.3	42.9	64.3
132	26.2	26.3	39.5#



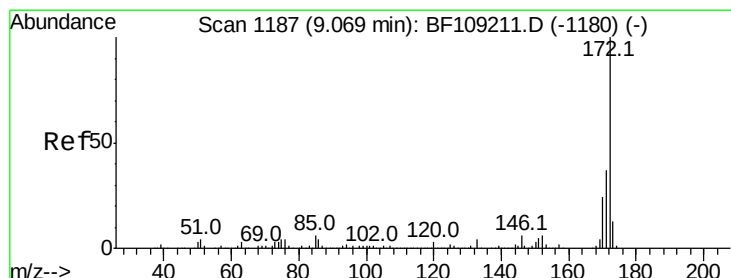
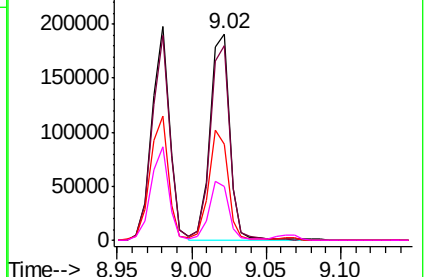
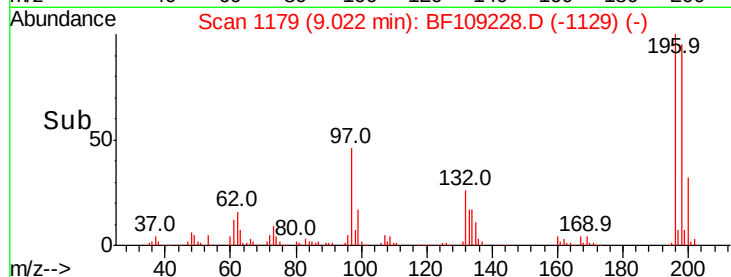
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

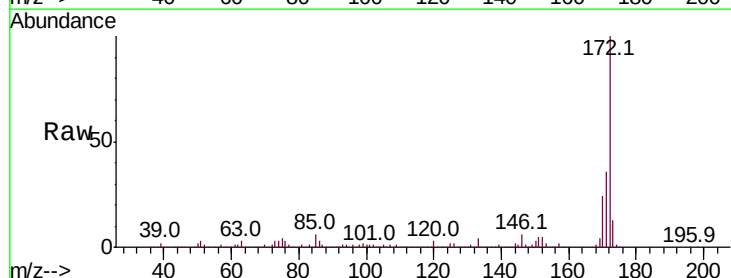
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.926 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.4	19.6	29.4

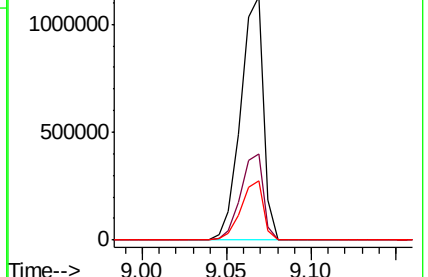
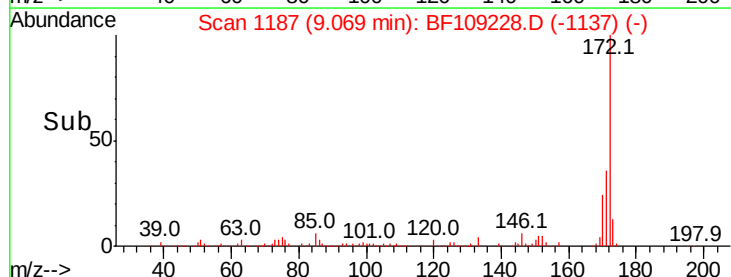


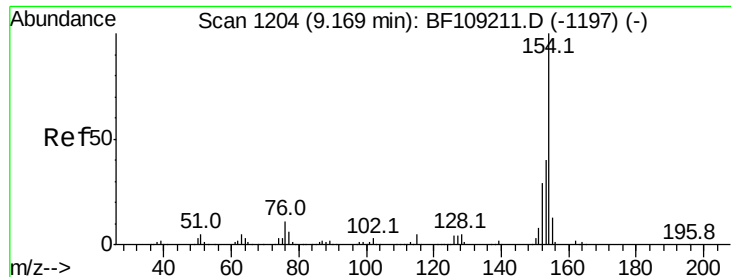
Abundance

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: 31.506 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

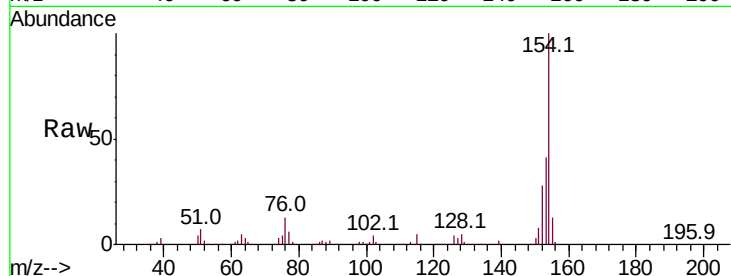
Tot Ion:154 Resp: 633029

Ion Ratio Lower Upper

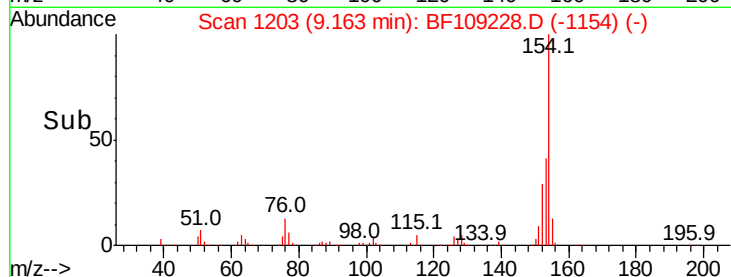
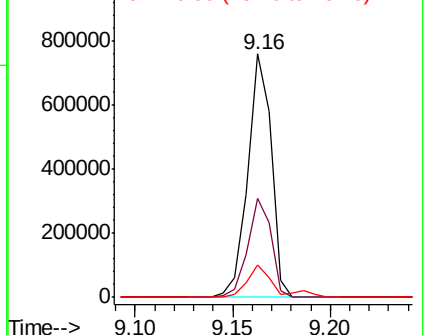
154 100

153 40.5 21.3 61.3

76 13.3 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: 29.642 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

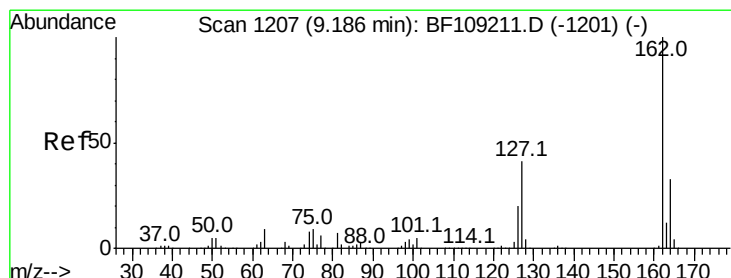
Tgt Ion:162 Resp: 475795

Ion Ratio Lower Upper

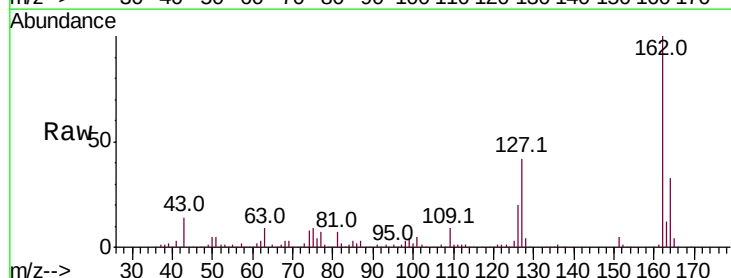
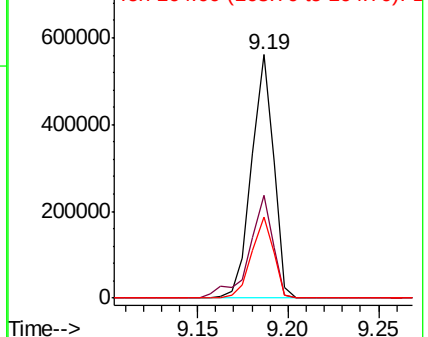
162 100

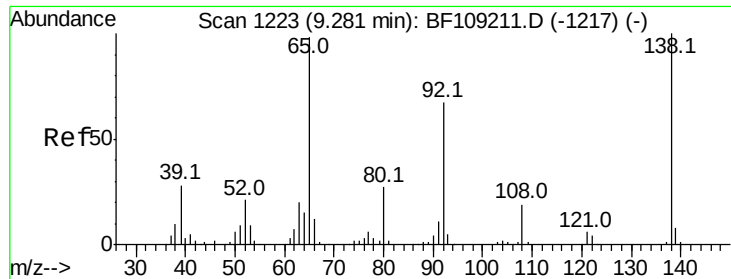
127 42.1 33.9 50.9

164 33.1 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

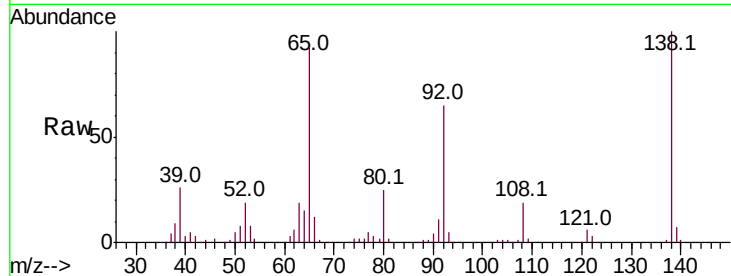




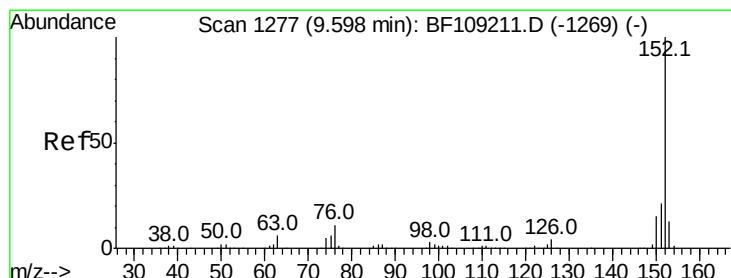
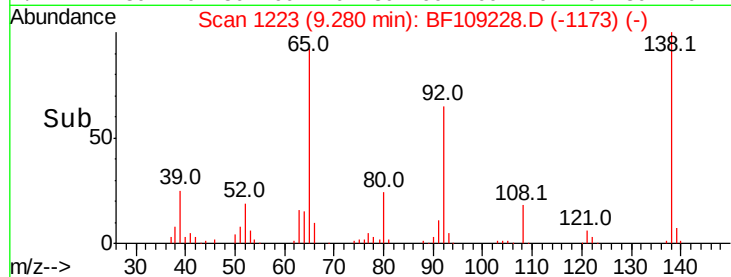
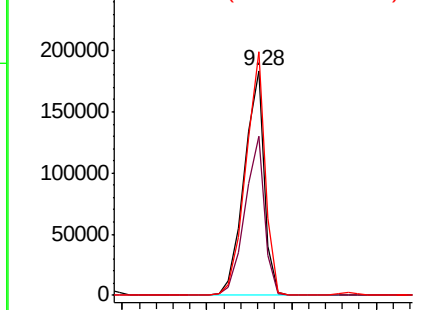
#47
 2-Nitroaniline
 Concen: 33.385 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 65 Resp: 151934
 Ion Ratio Lower Upper
 65 100
 92 70.5 55.8 83.6
 138 108.2 91.2 136.8

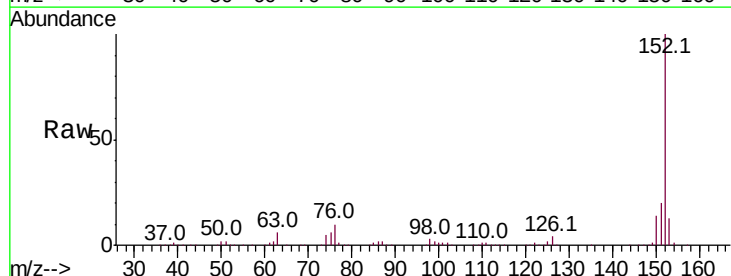


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

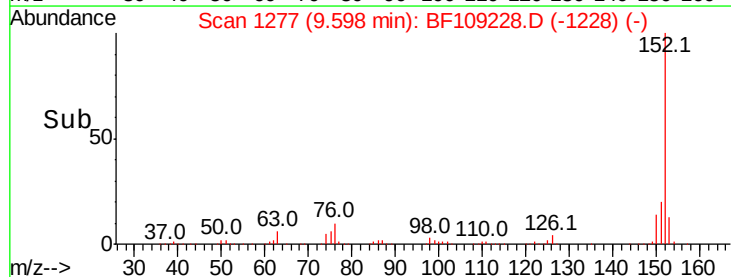
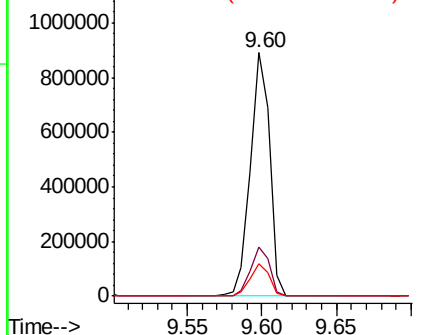


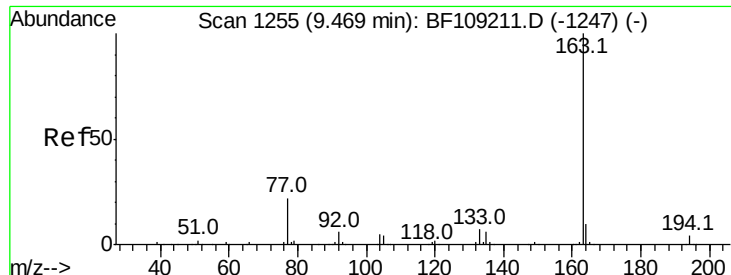
#48
 Acenaphthylene
 Concen: 32.648 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion: 152 Resp: 790580
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

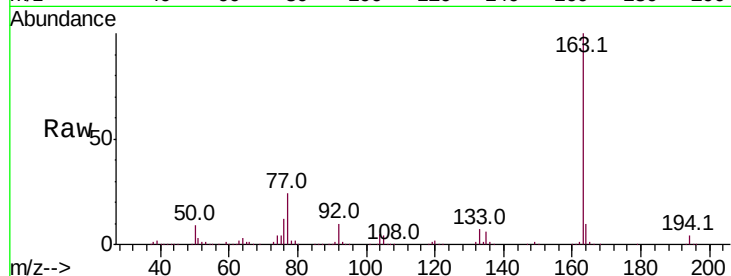




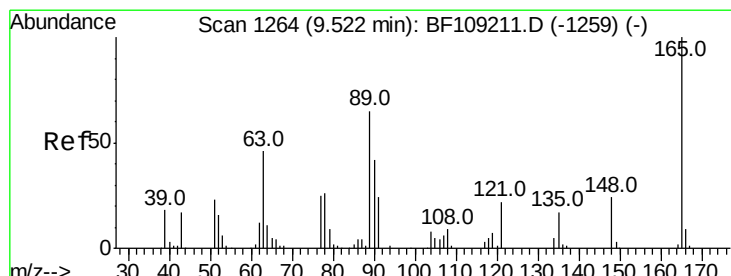
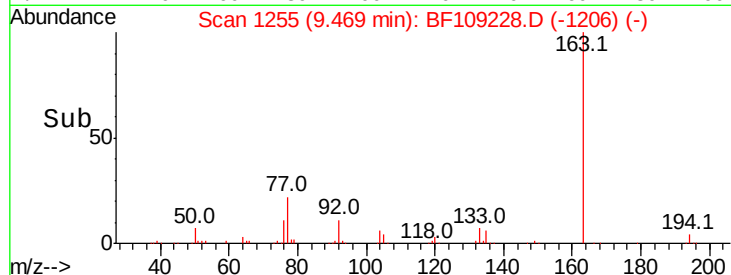
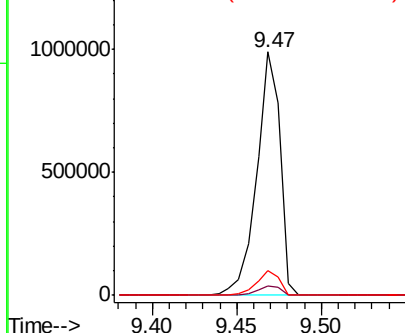
#49
Dimethylphthalate
Concen: 52.932 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

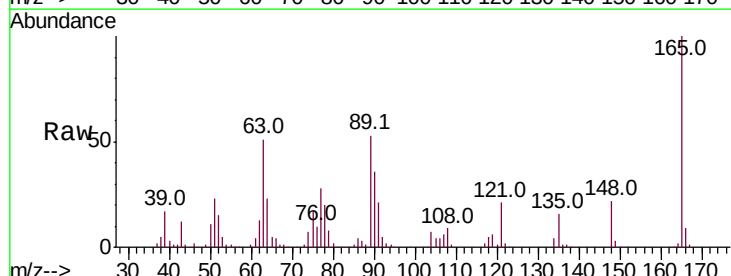


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

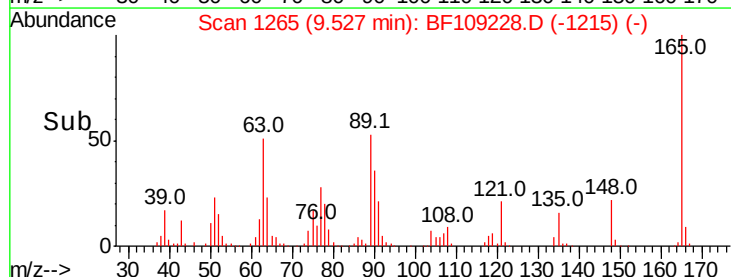
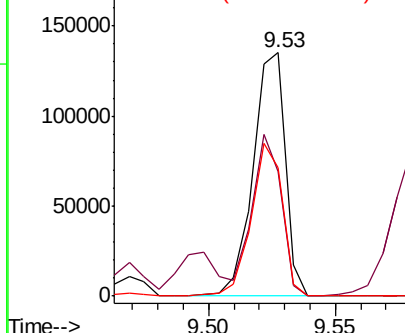


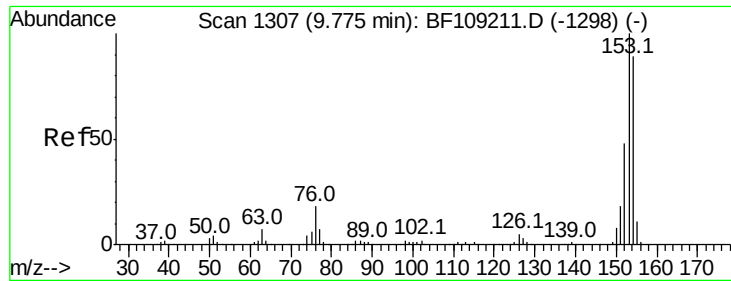
#50
2,6-Dinitrotoluene
Concen: 33.953 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	44.7	67.1
89	52.6	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: 33.357 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

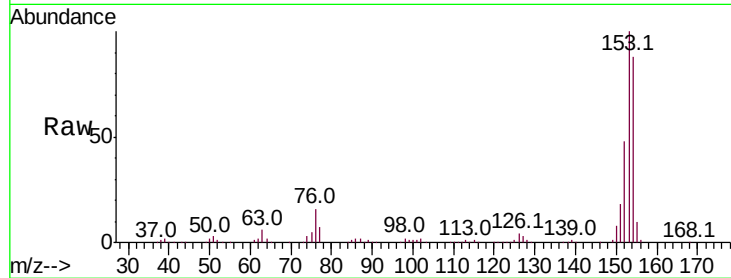
Tot Ion:154 Resp: 488353

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

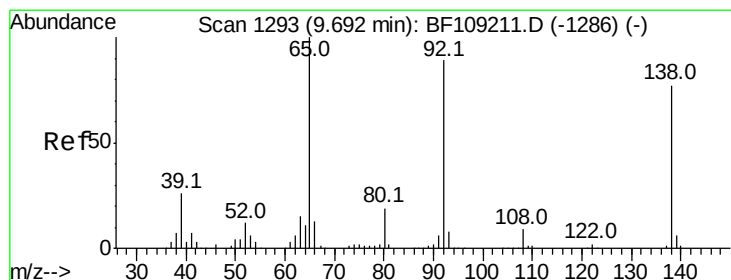
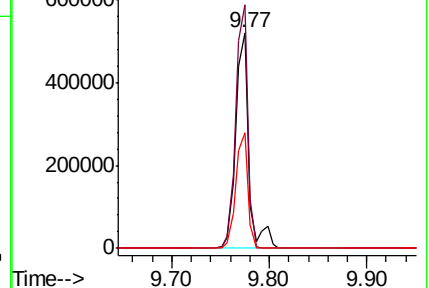
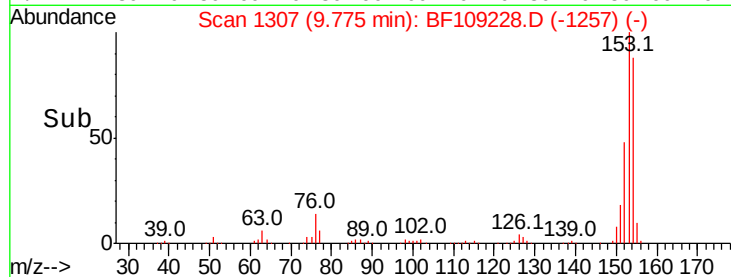
152 53.9 43.8 65.8



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: 18.590 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

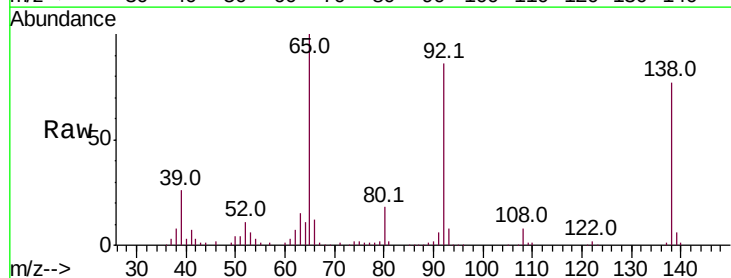
Tgt Ion:138 Resp: 76476

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

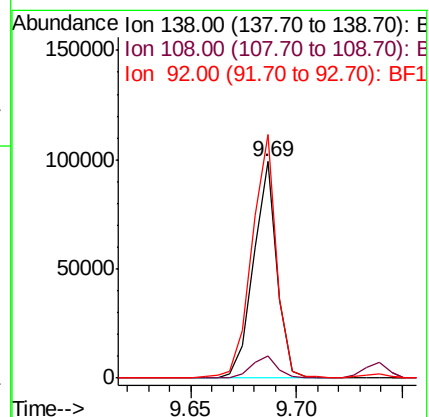
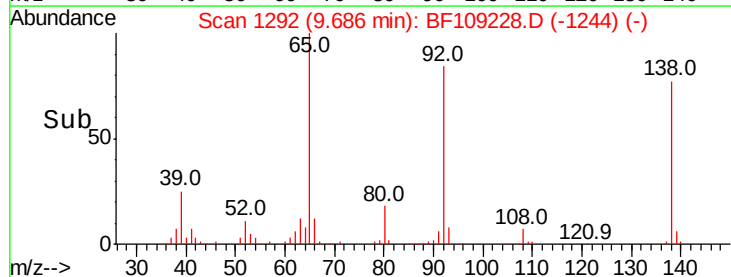
92 112.6 89.4 134.2

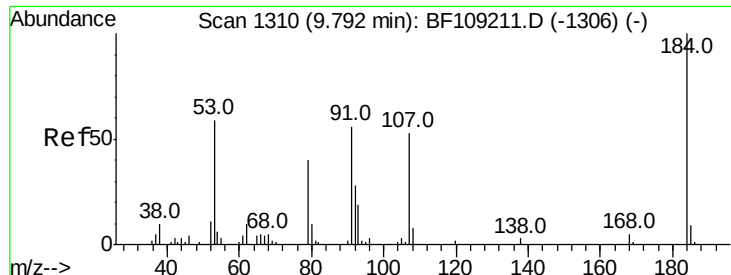


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

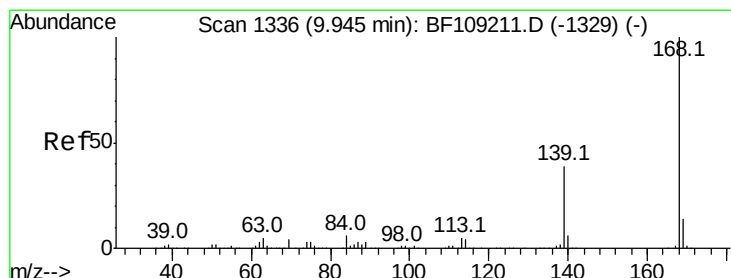
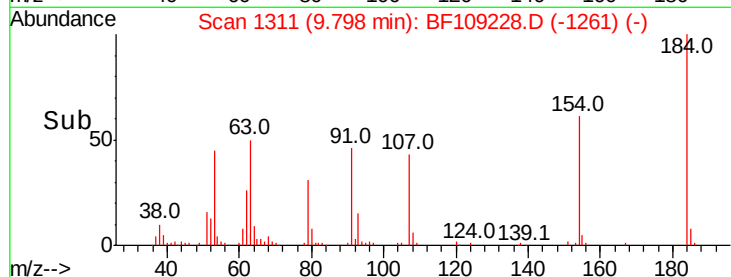
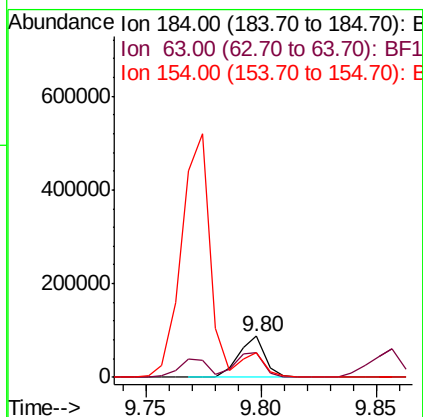
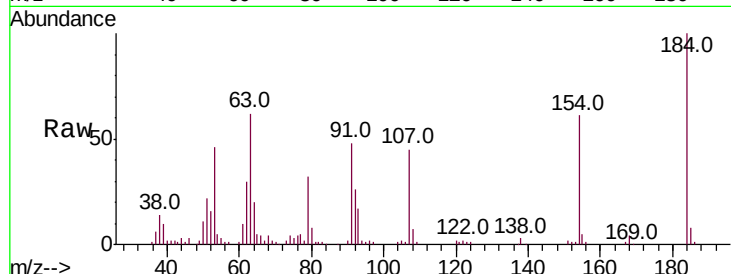




#53
 2,4-Dinitrophenol
 Concen: 57.996 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

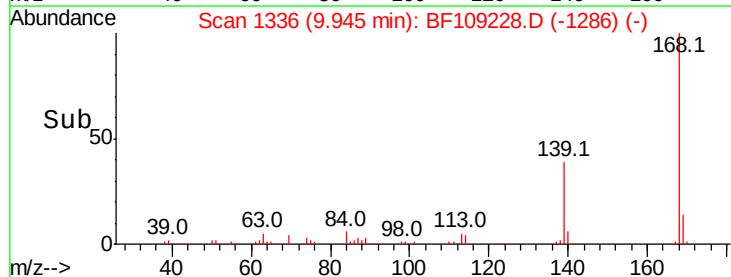
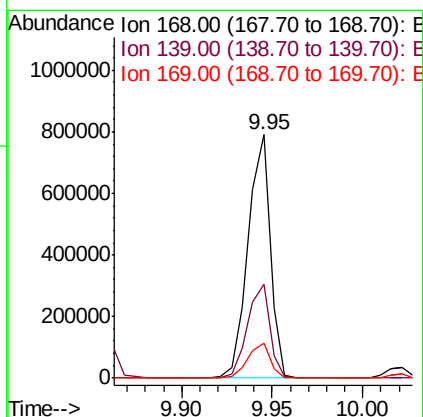
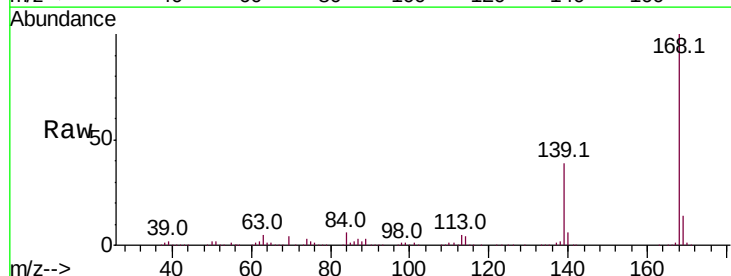
Instrument :
 BNA_F
 ClientSampleID :

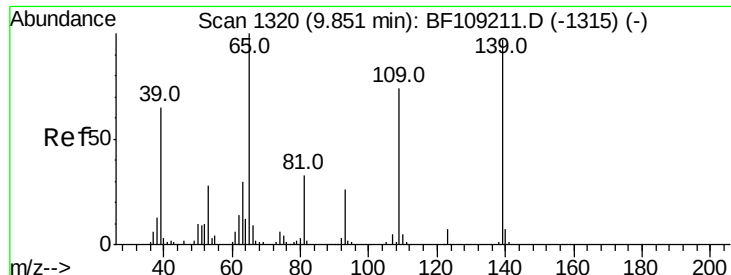
Tot Ion:184 Resp: 69761
 Ion Ratio Lower Upper
 184 100
 63 62.0 54.2 81.2
 154 61.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 30.962 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:168 Resp: 674137
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 14.1 10.9 16.3

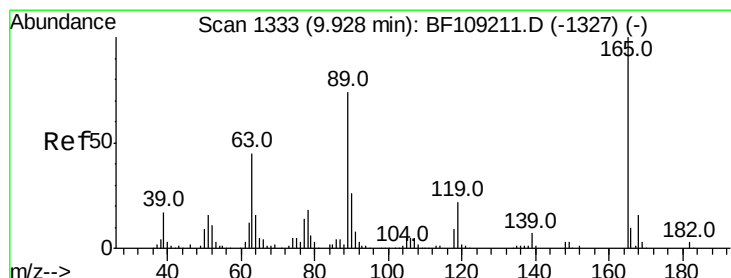
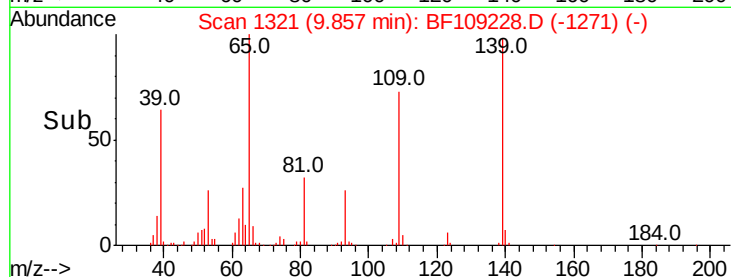
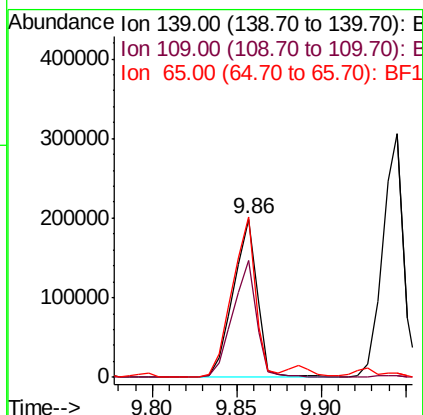
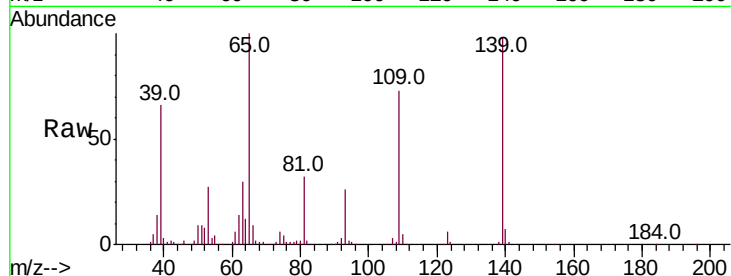




#55
4-Nitrophenol
Concen: 63.373 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

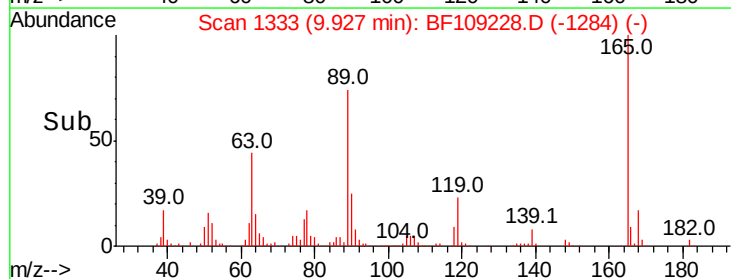
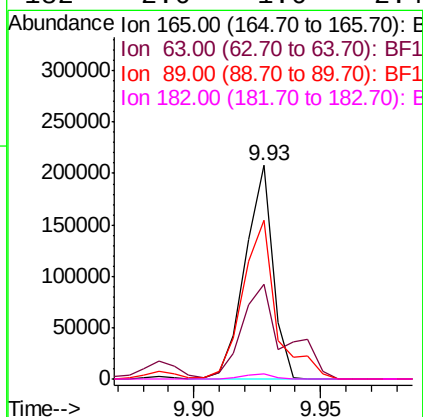
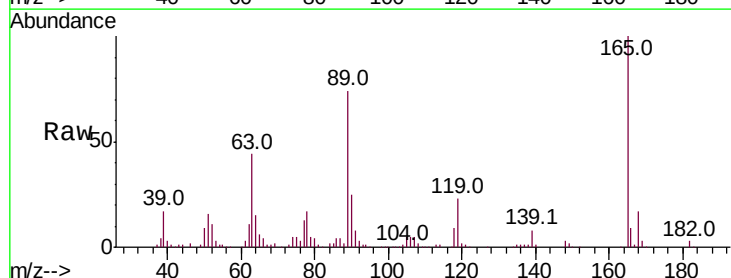
Instrument :
BNA_F
ClientSampleId :

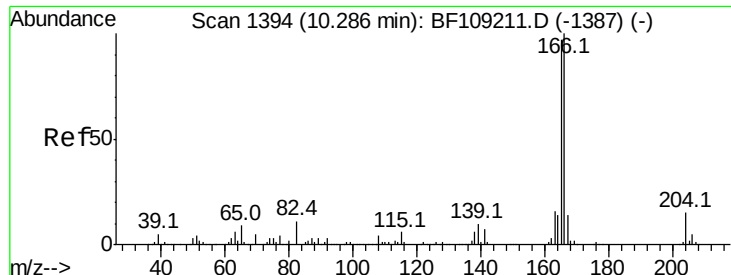
Tot Ion:139 Resp: 196397
Ion Ratio Lower Upper
139 100
109 73.9 48.4 88.4
65 101.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.388 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion:165 Resp: 159060
Ion Ratio Lower Upper
165 100
63 44.2 36.4 54.6
89 74.4 57.8 86.6
182 2.6 1.6 2.4#

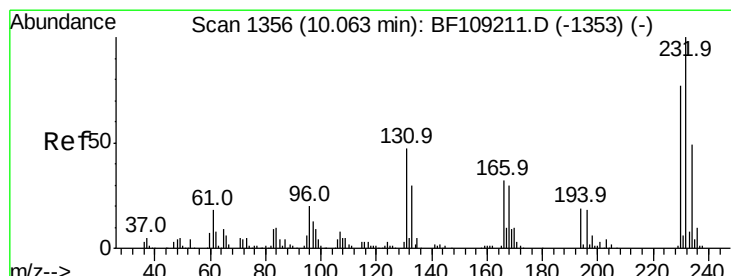
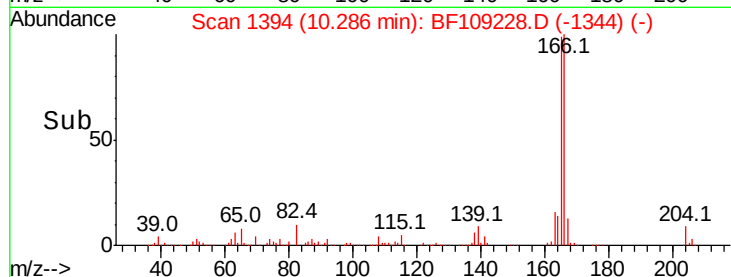
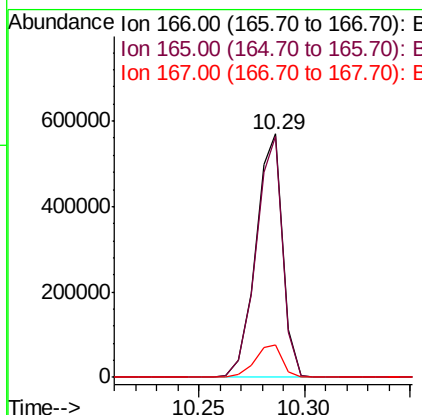
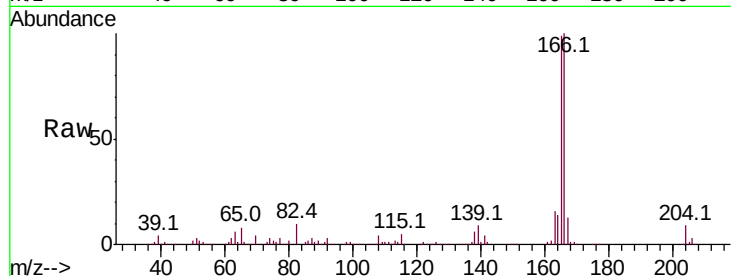




#57
 Fluorene
 Concen: 32.453 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

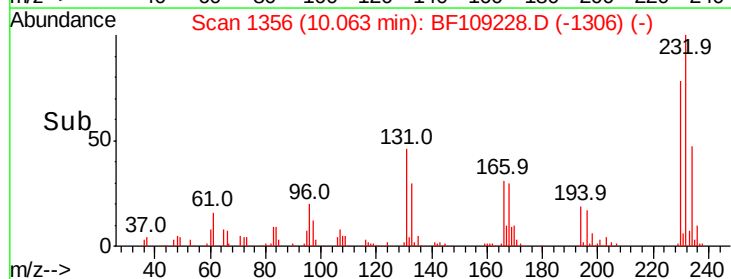
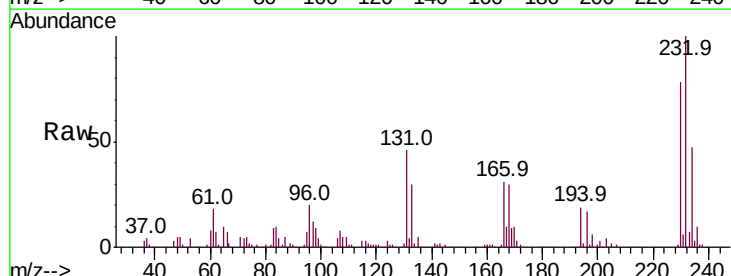
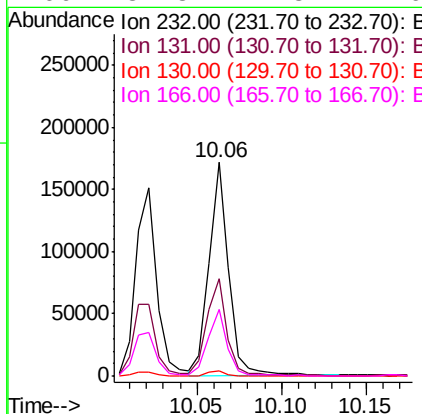
Instrument :
 BNA_F
 ClientSampleId :

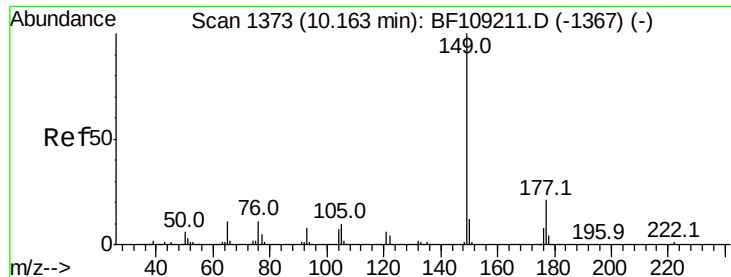
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.087 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.7	43.8	65.8
130	2.3	2.1	3.1
166	31.8	27.8	41.6

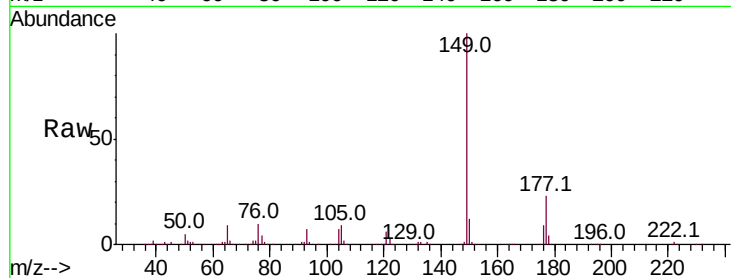




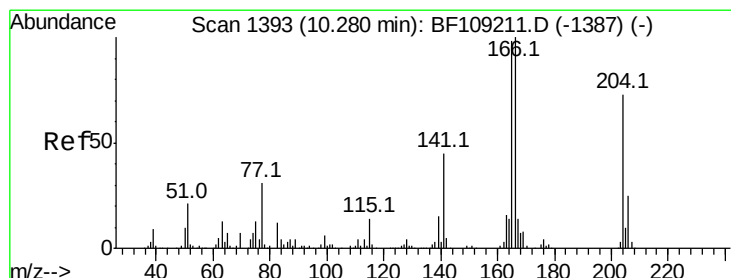
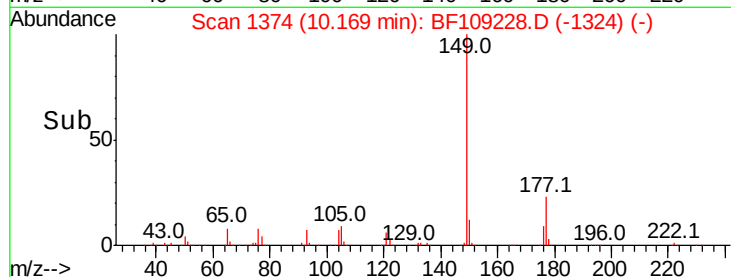
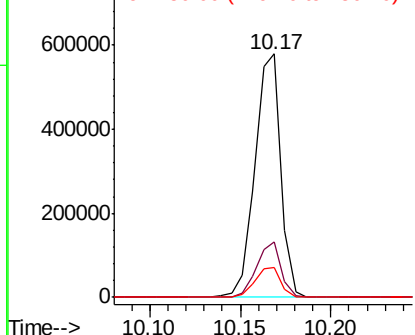
#59
Diethylphthalate
Concen: 31.390 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 570158
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 12.1 10.1 15.1

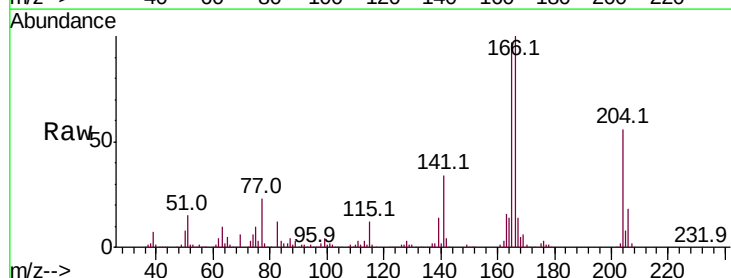


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

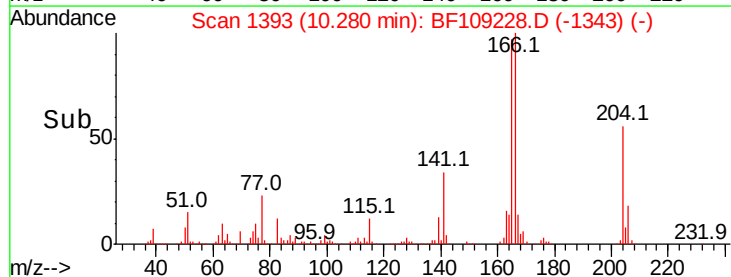
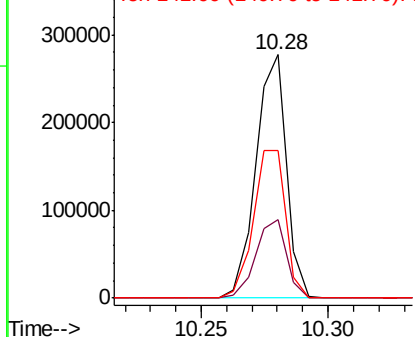


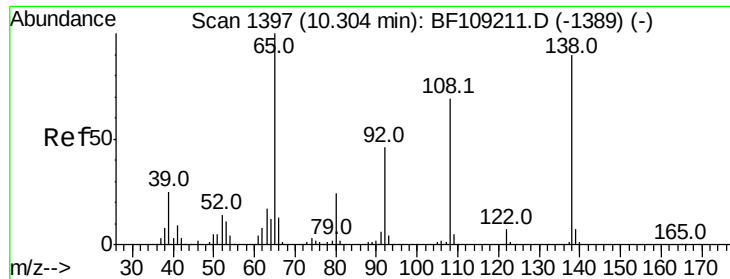
#60
4-Chlorophenyl-phenylether
Concen: 28.627 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion:204 Resp: 232278
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.8 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

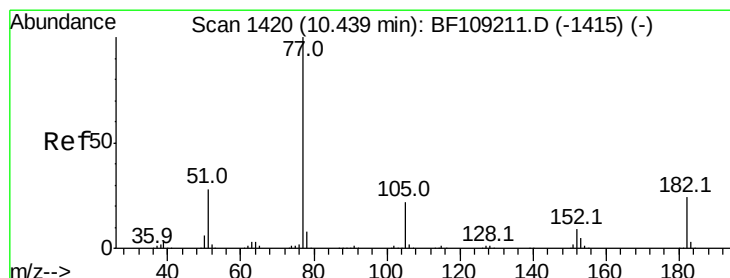
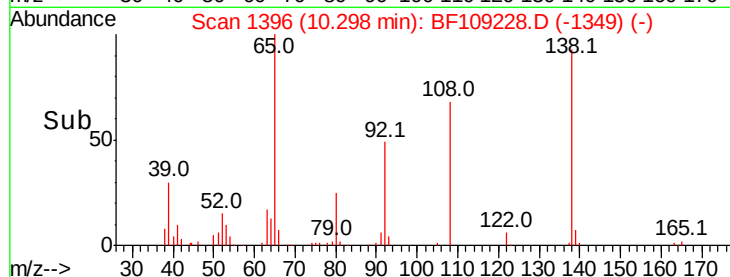
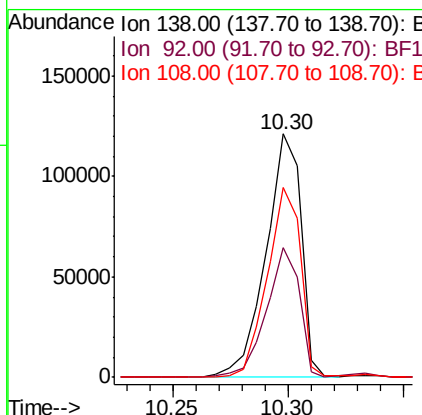
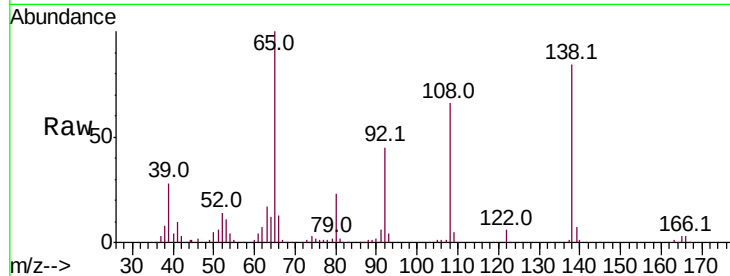




#61
4-Nitroaniline
Concen: 31.909 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

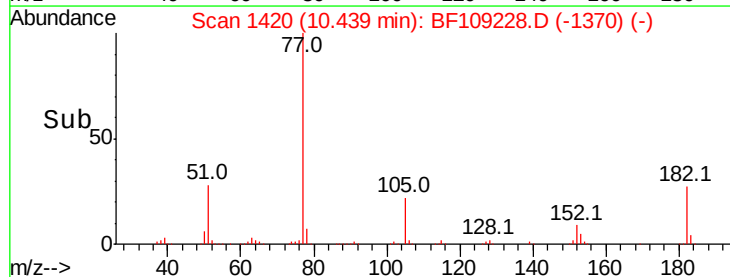
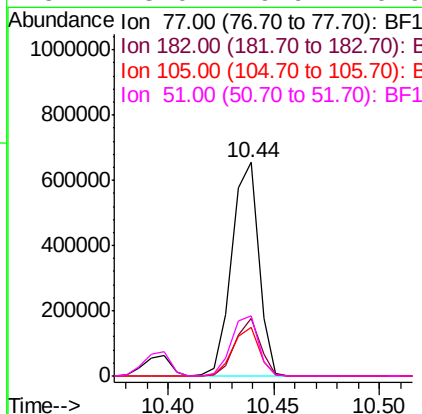
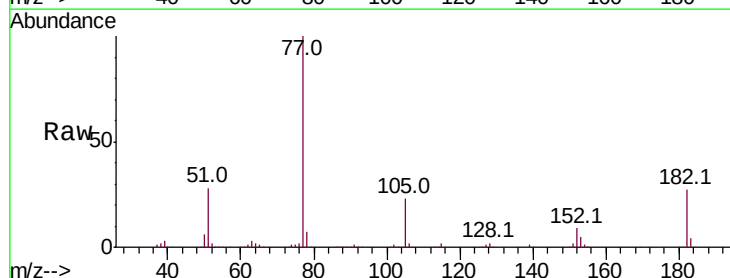
Instrument :
BNA_F
ClientSampleId :

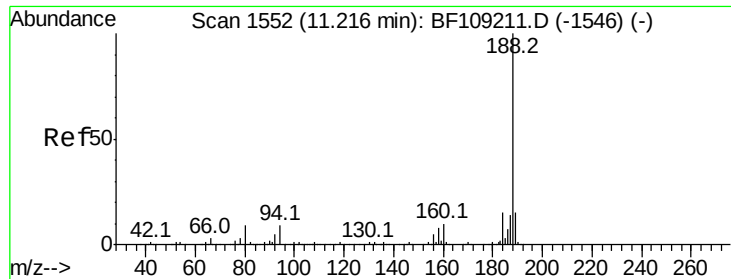
Tot Ion:138 Resp: 128018
Ion Ratio Lower Upper
138 100
92 53.2 30.2 70.2
108 78.1 52.5 92.5



#62
Azobenzene
Concen: 30.573 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion: 77 Resp: 576952
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 22.6 3.0 43.0
51 28.0 9.9 49.9

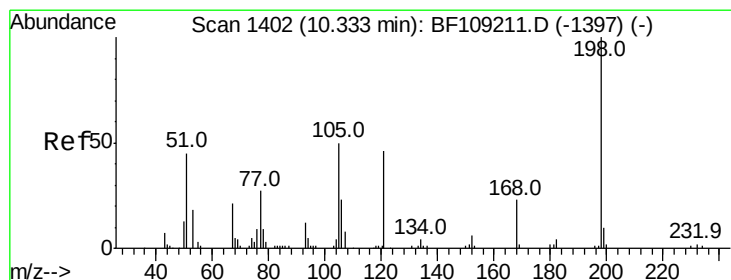
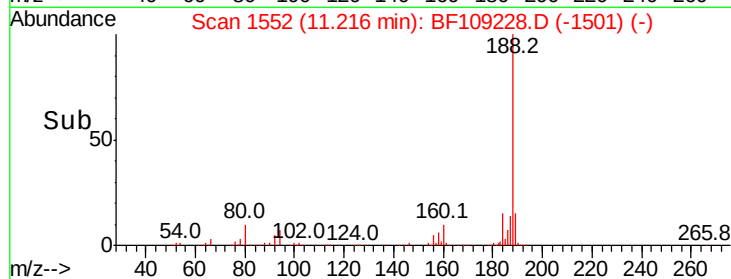
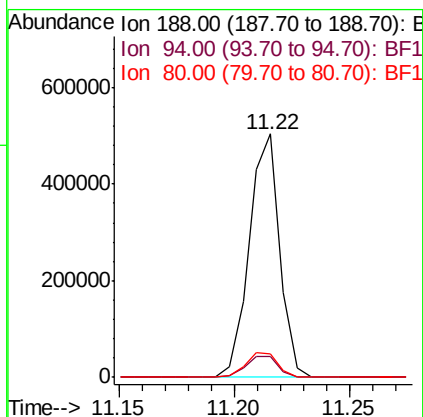
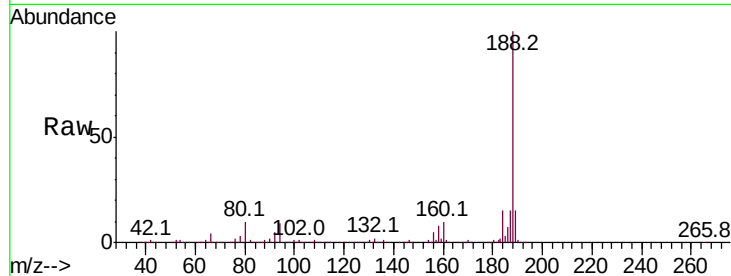




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

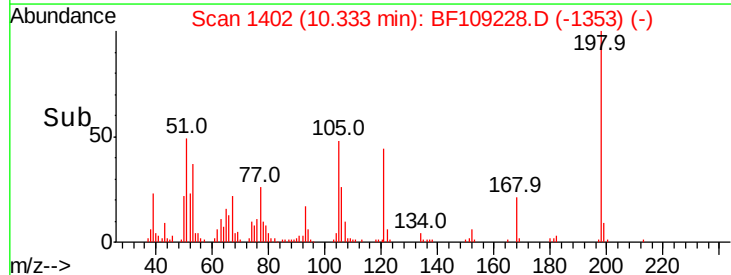
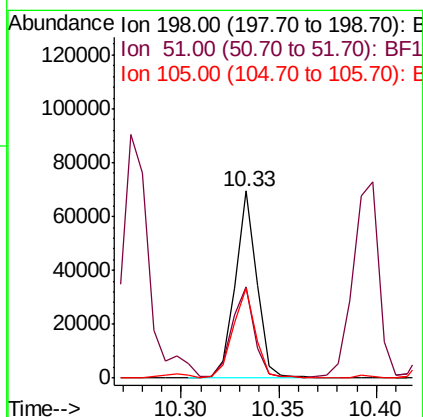
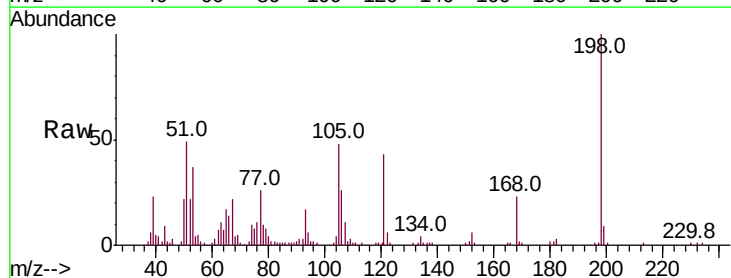
Instrument :
BNA_F
ClientSampleId :

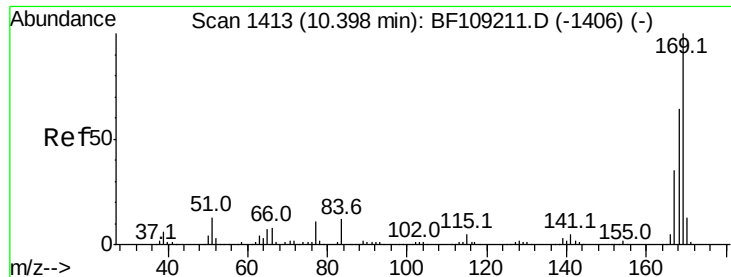
Tot Ion:188 Resp: 462735
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.401 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion:198 Resp: 53324
Ion Ratio Lower Upper
198 100
51 48.9 37.7 77.7
105 48.0 36.3 76.3

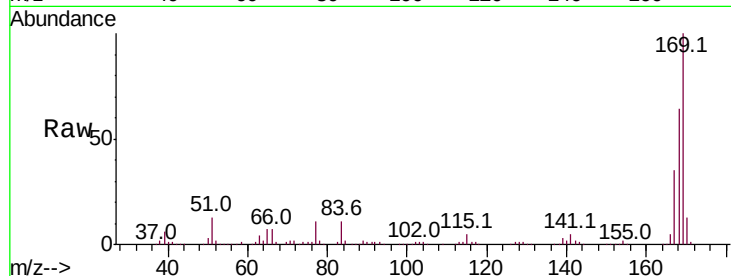




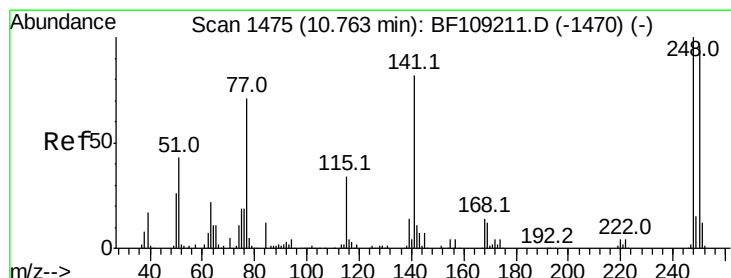
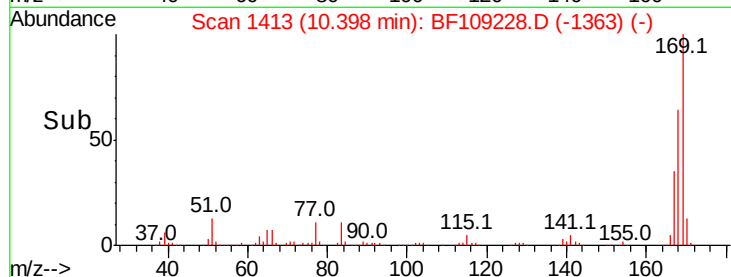
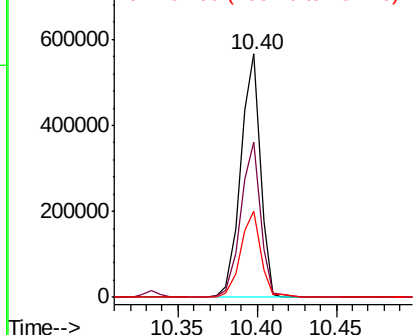
#65
 n-Nitrosodiphenylamine
 Concen: 31.828 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 486602
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 35.2 29.8 44.6

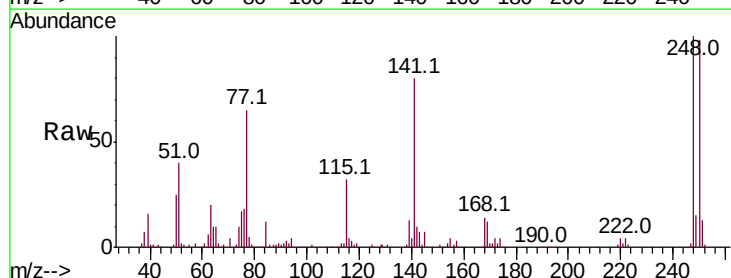


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

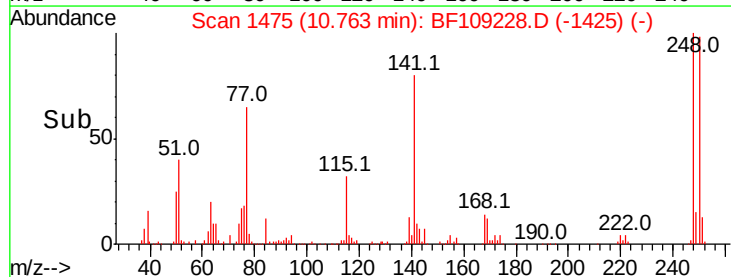
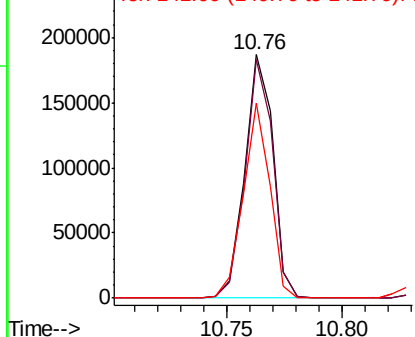


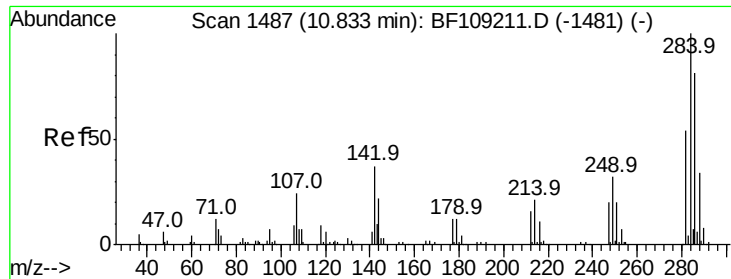
#66
 4-Bromophenyl-phenylether
 Concen: 31.206 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:248 Resp: 160352
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 79.9 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: 30.237 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampled :

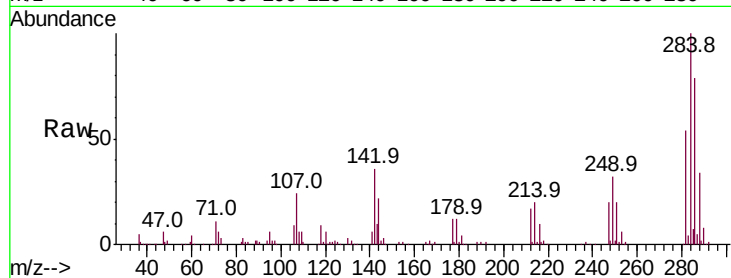
Tot Ion:284 Resp: 165013

Ion Ratio Lower Upper

284 100

142 36.2 34.6 52.0

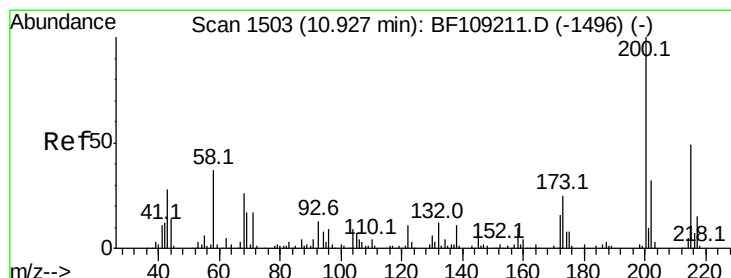
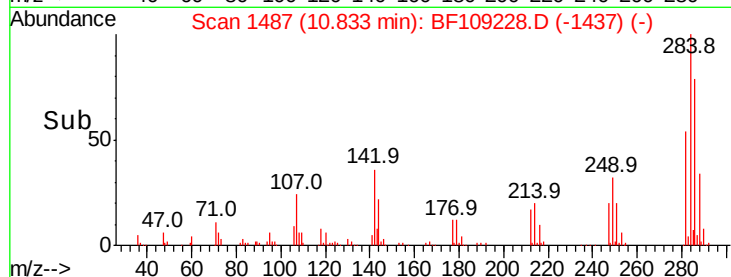
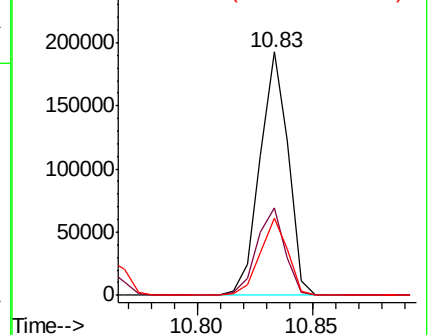
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.054 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

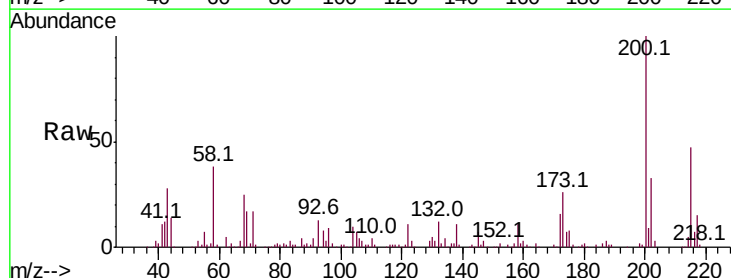
Tgt Ion:200 Resp: 160123

Ion Ratio Lower Upper

200 100

173 26.0 8.6 48.6

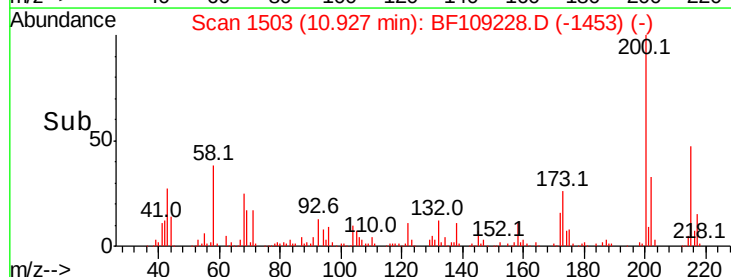
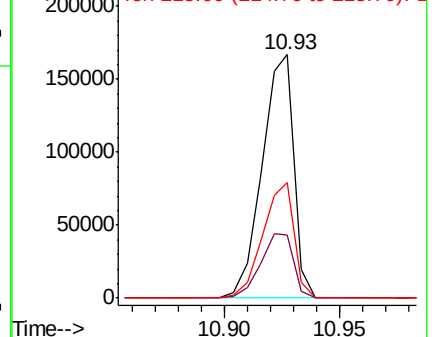
215 47.3 25.1 65.1

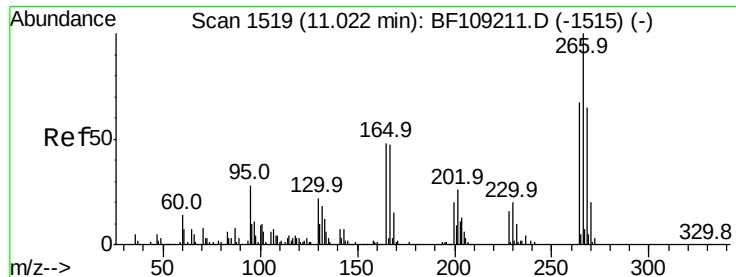


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

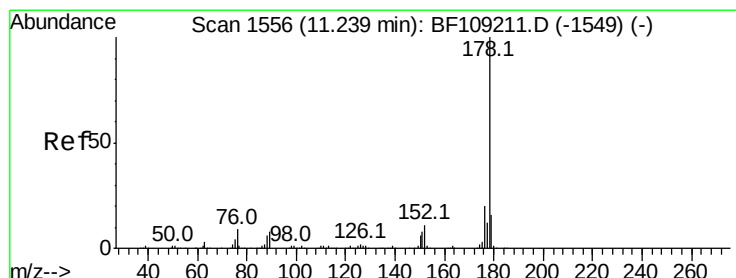
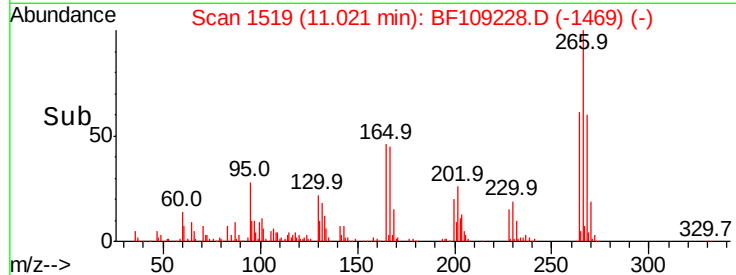
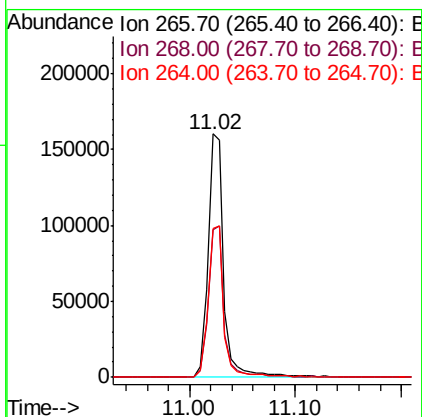
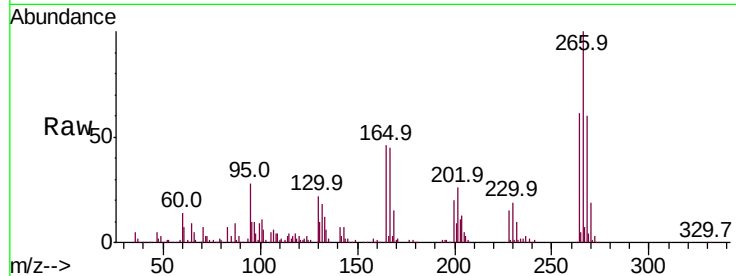




#69
 Pentachlorophenol
 Concen: 50.820 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

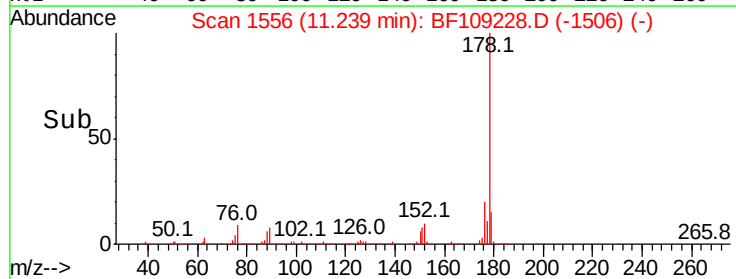
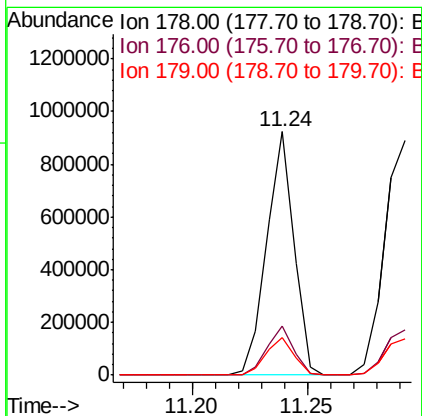
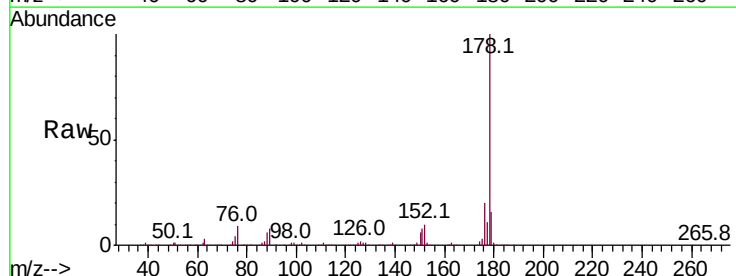
Instrument :
 BNA_F
 ClientSampleId :

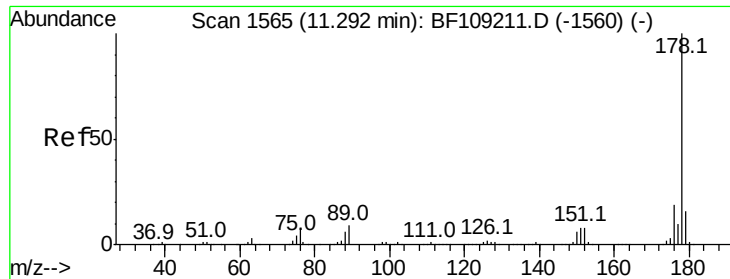
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	61.1	49.5	74.3



#70
 Phenanthrene
 Concen: 32.855 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.5	13.0	19.6

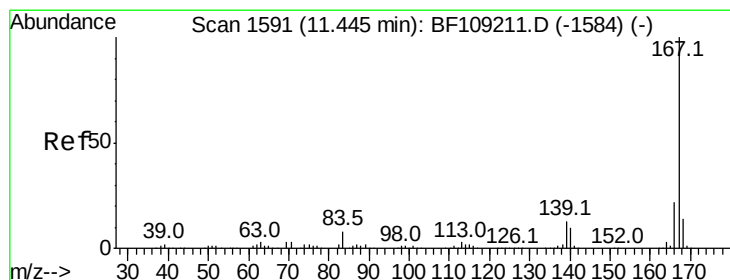
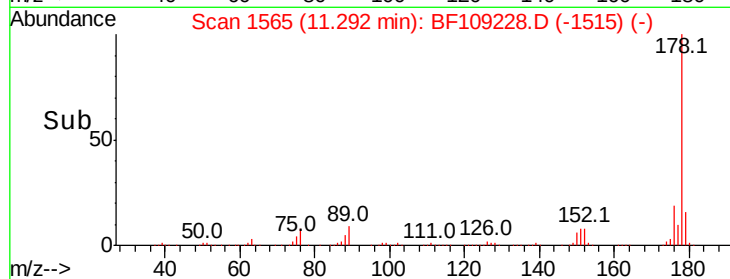
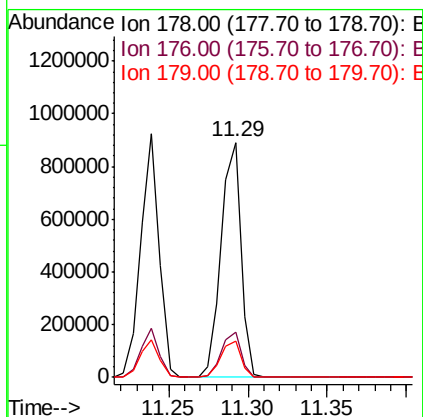
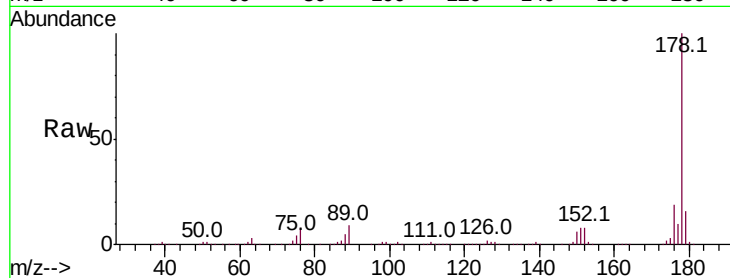




#71
 Anthracene
 Concen: 33.322 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

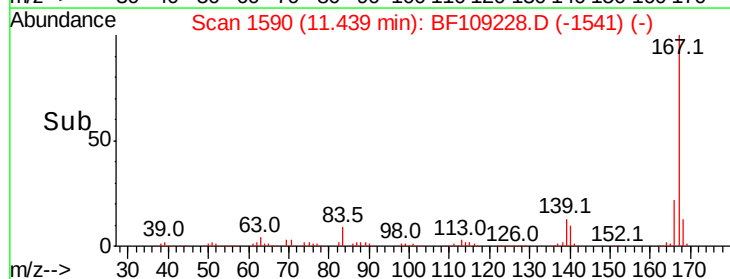
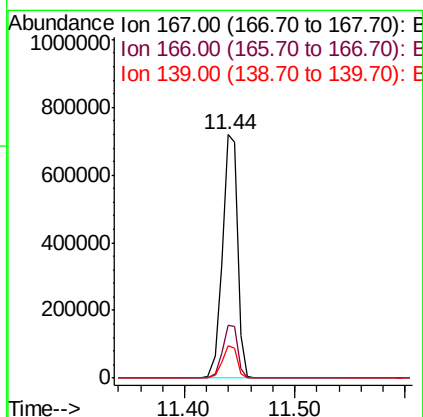
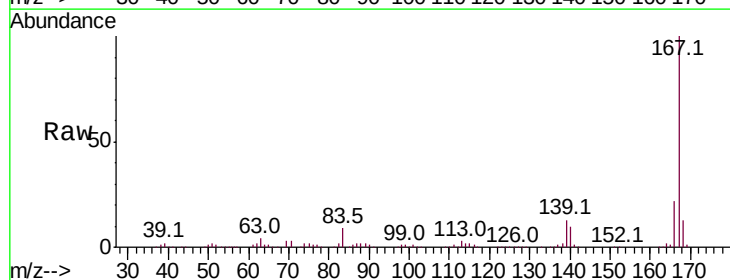
Instrument :
 BNA_F
 ClientSampleId :

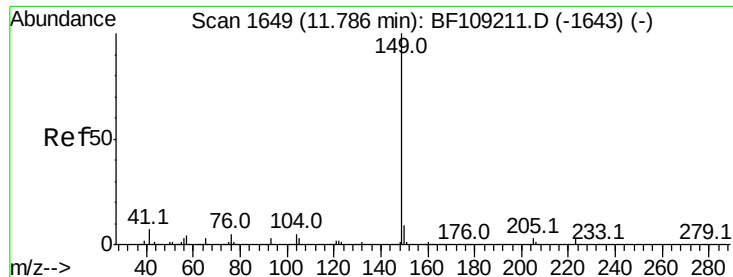
Tot Ion:178 Resp: 780870
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 29.751 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:167 Resp: 693660
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.532 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

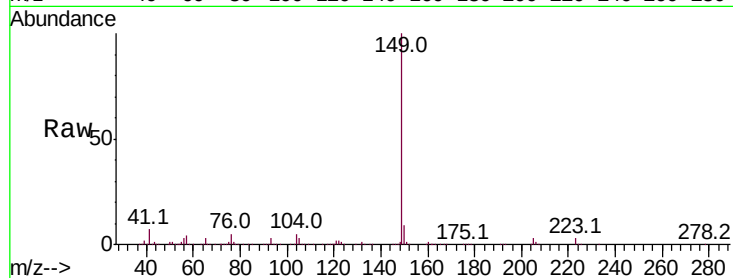
Tot Ion:149 Resp: 873186

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

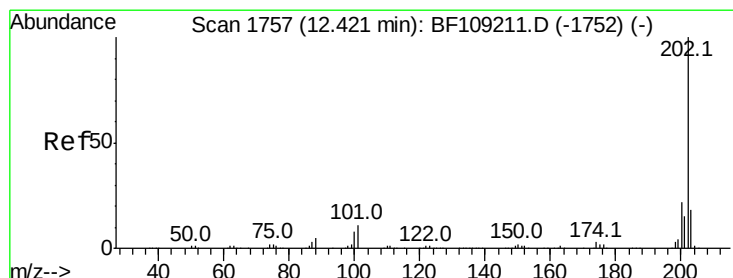
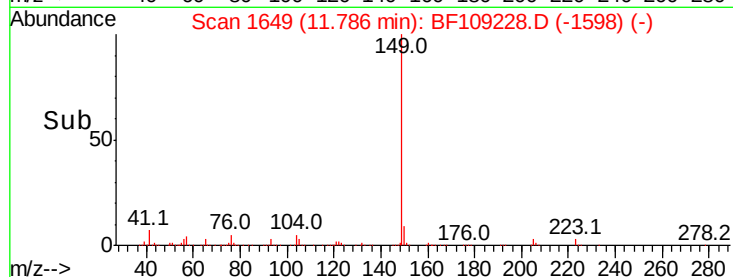
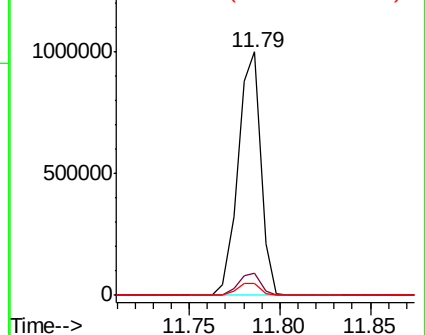
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.759 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

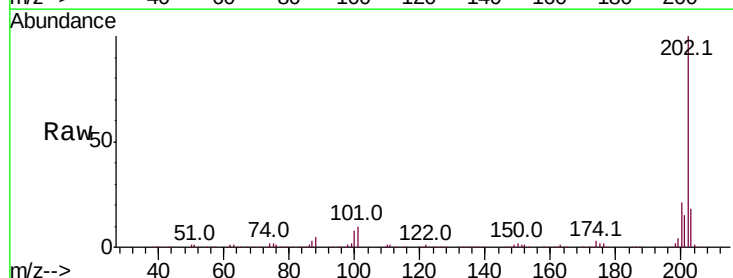
Tgt Ion:202 Resp: 759474

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

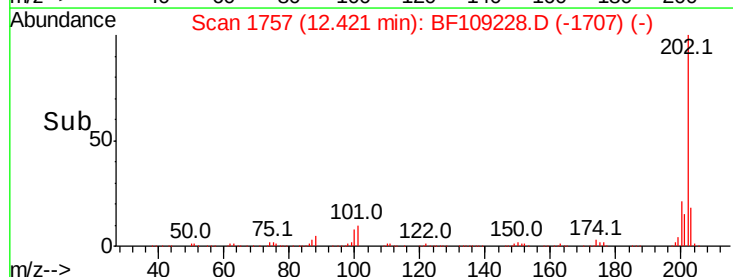
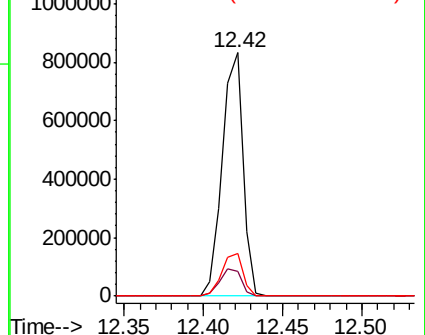
203 17.7 0.0 38.1

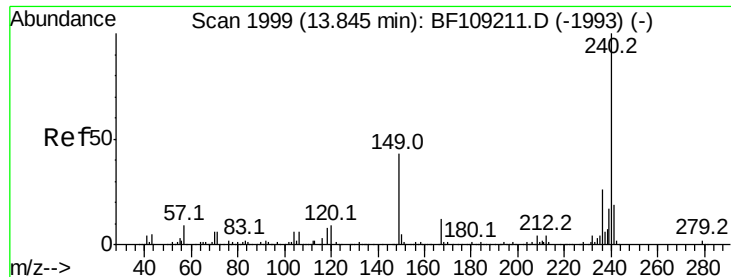


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampled :

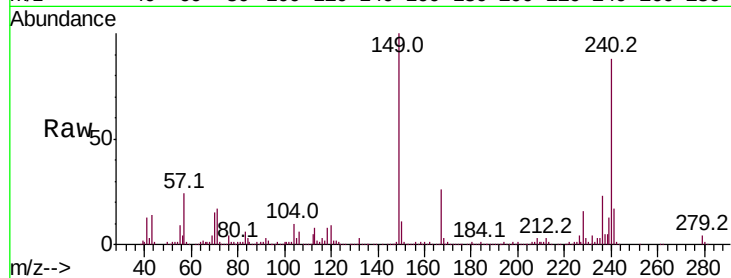
Tot Ion:240 Resp: 267532

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

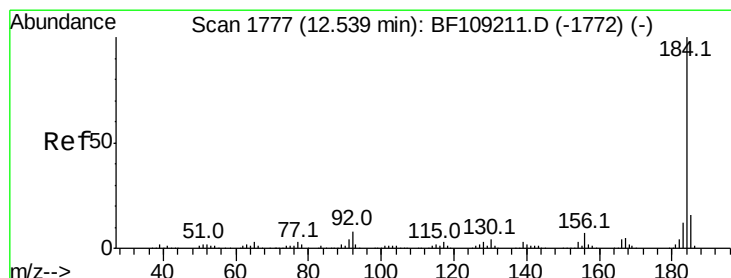
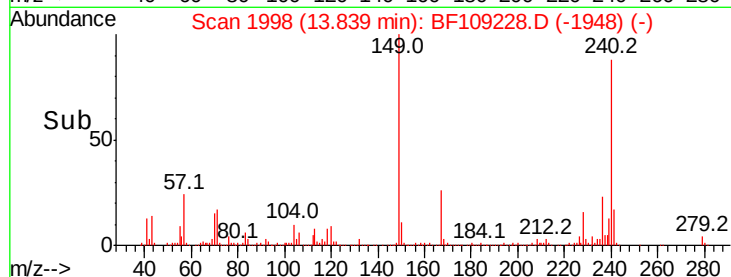
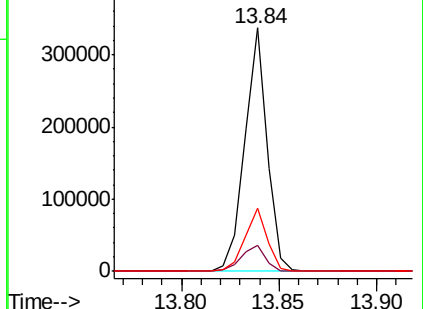
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.931 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

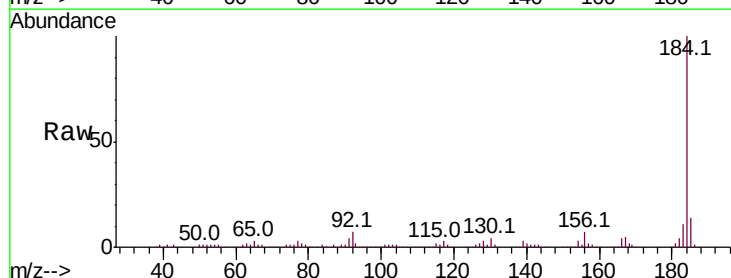
Tgt Ion:184 Resp: 298357

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

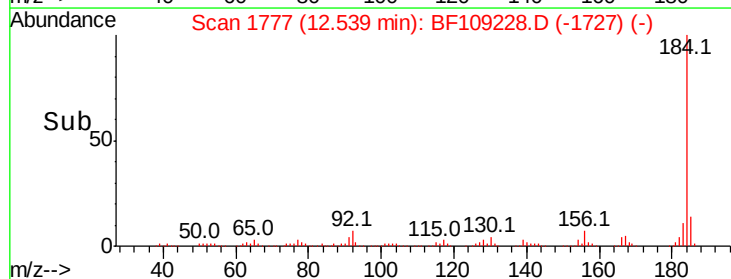
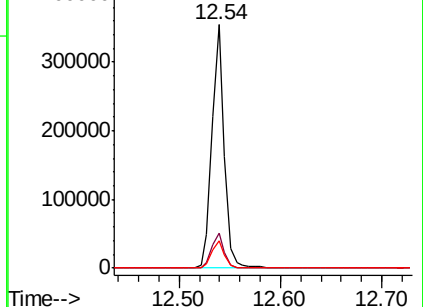
183 11.2 9.3 13.9

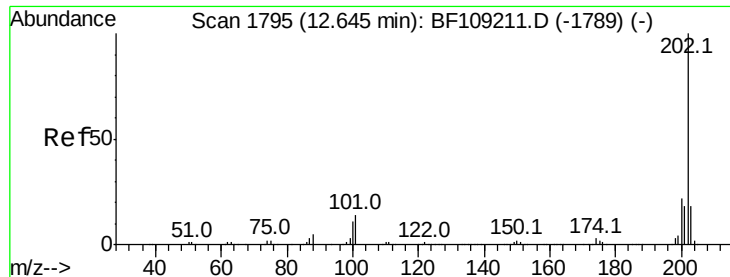


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

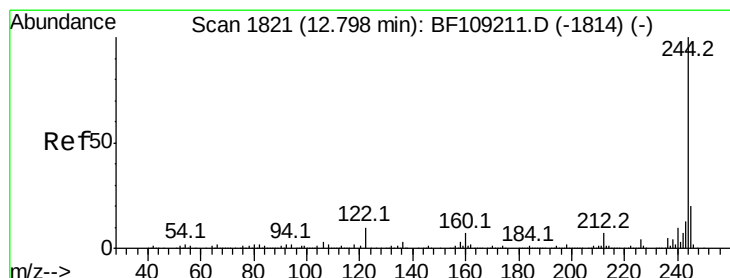
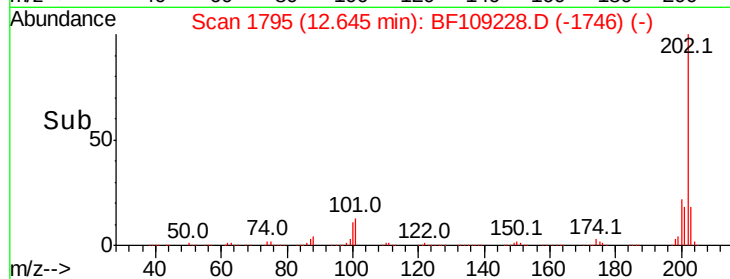
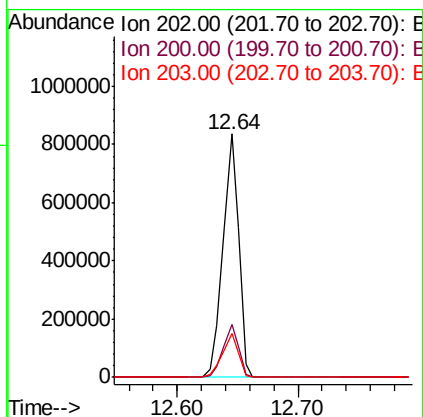
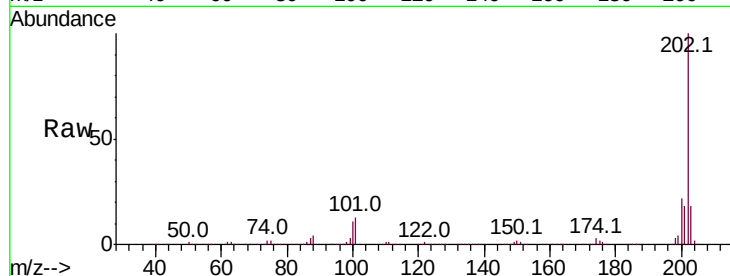




#77
Pvrene
Concen: 39.190 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

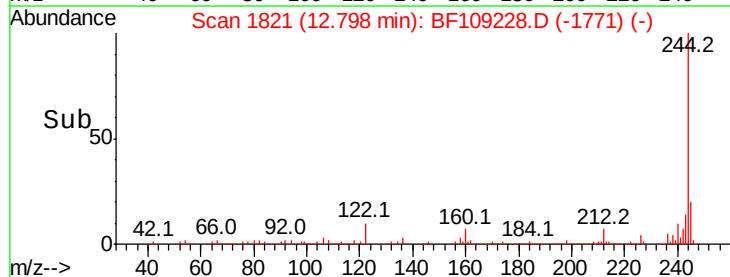
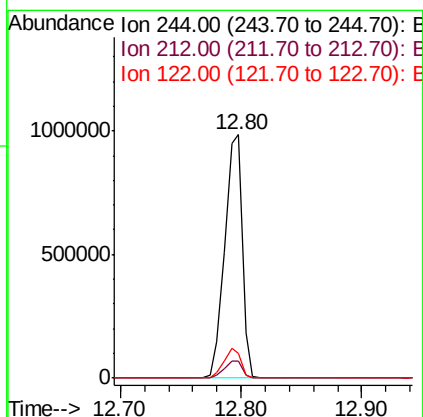
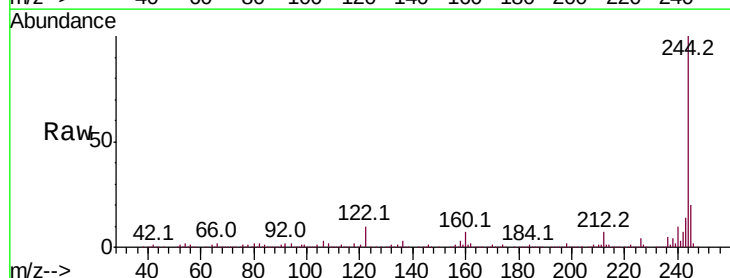
Instrument :
BNA_F
ClientSampled :

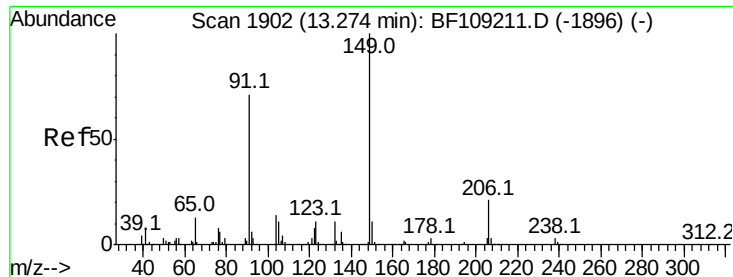
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.9	14.3	21.5



#78
Terphenyl-d14
Concen: 90.722 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.3	11.0	16.4

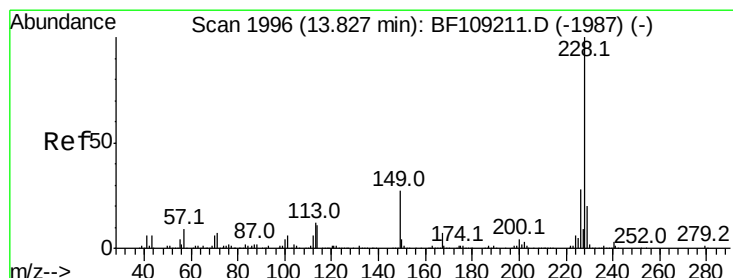
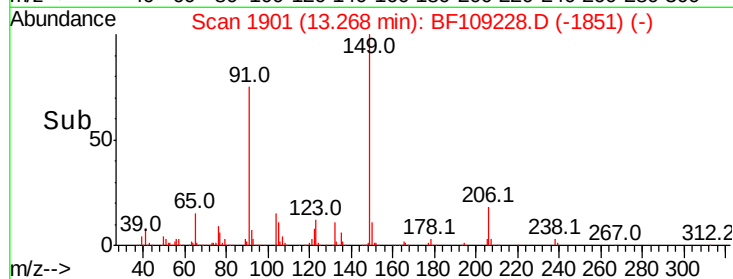
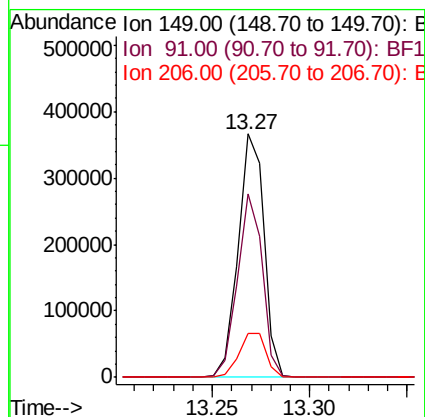
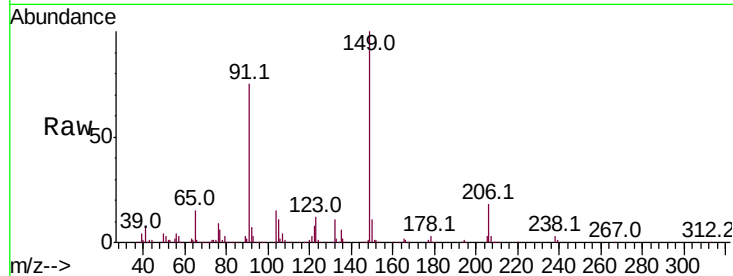




#79
Butylbenzylphthalate
Concen: 41.290 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

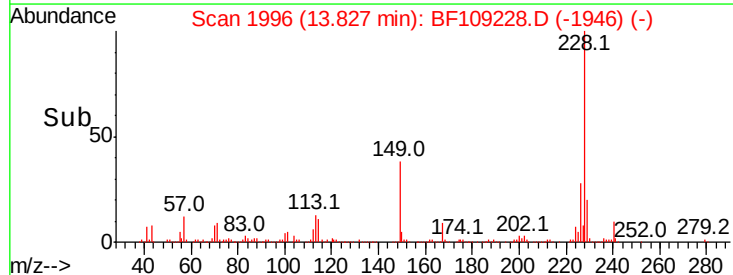
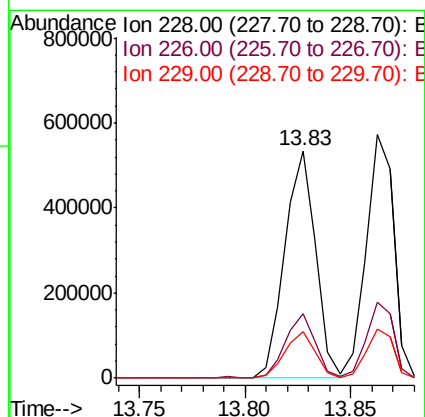
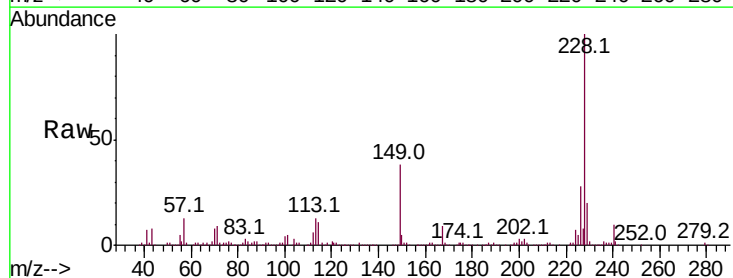
Instrument :
BNA_F
ClientSampled :

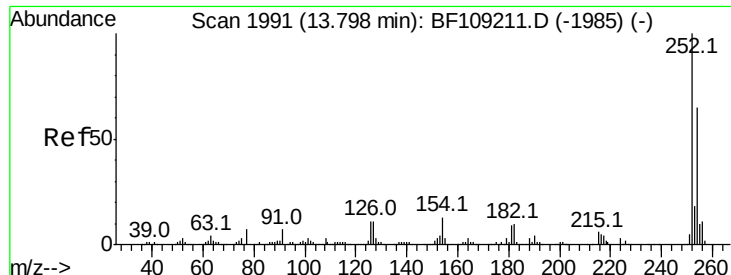
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	18.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.729 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6

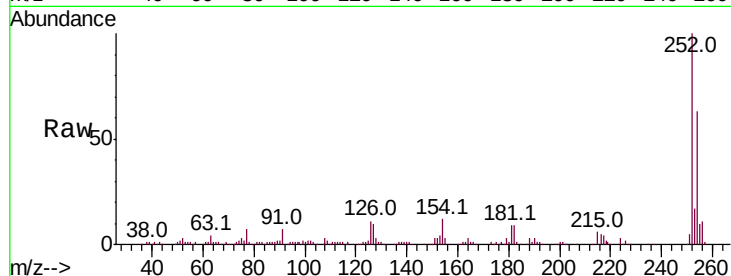




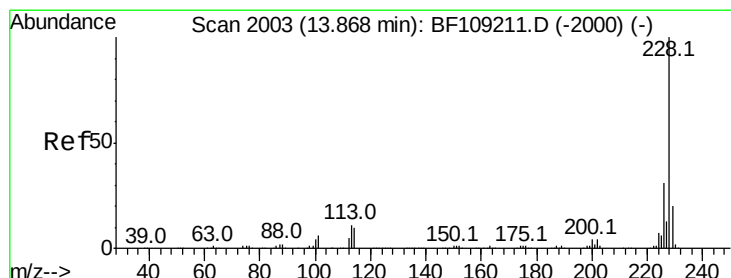
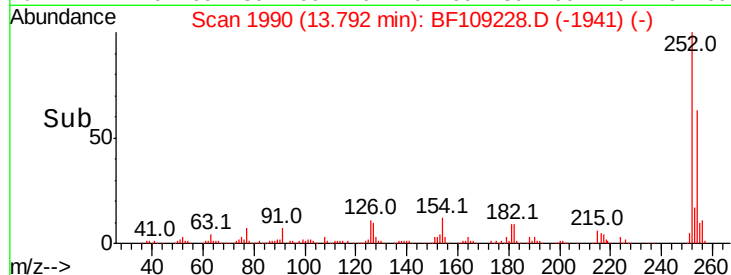
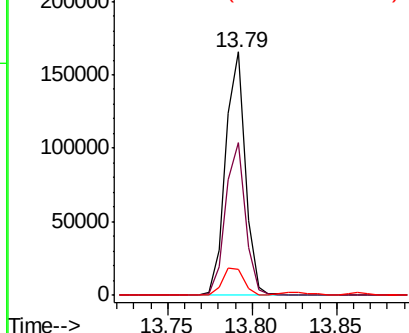
#81
 3,3'-Dichlorobenzidine
 Concen: 22.009 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.4	75.6
126	10.8	11.3	16.9

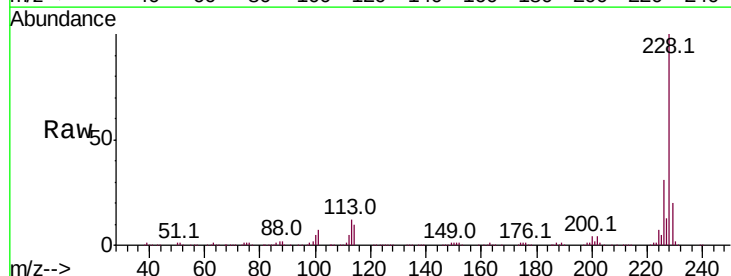


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

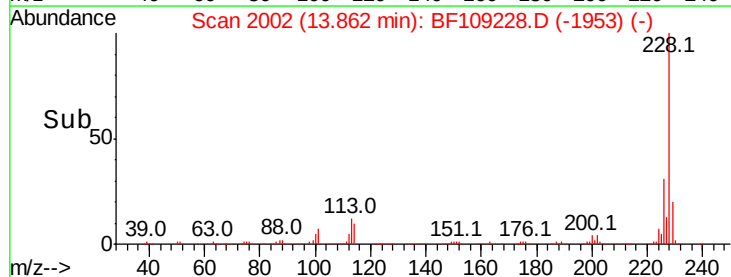
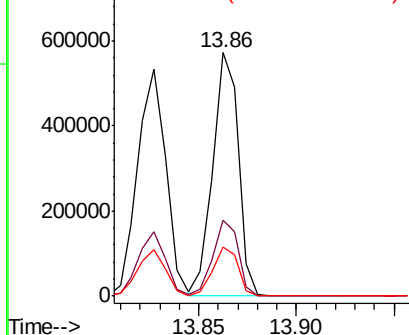


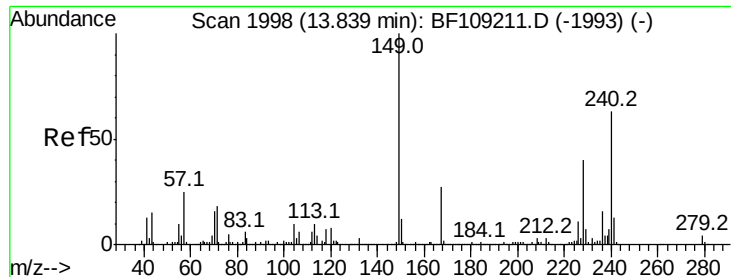
#82
 Chrysene
 Concen: 32.559 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	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

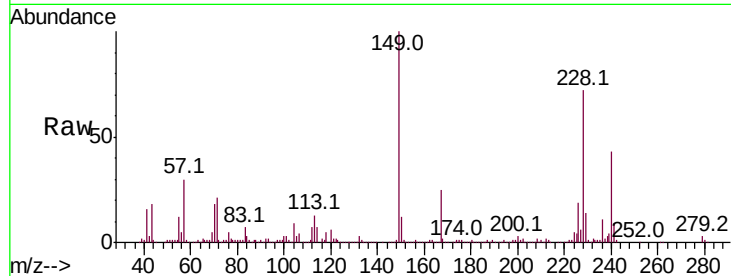




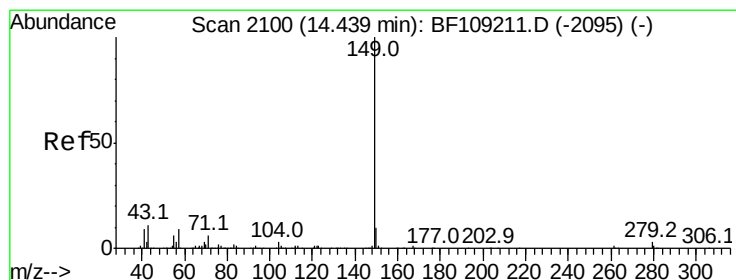
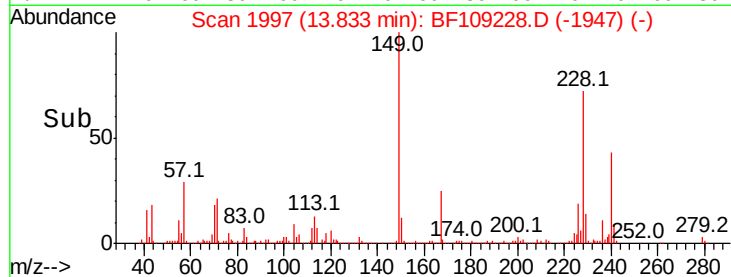
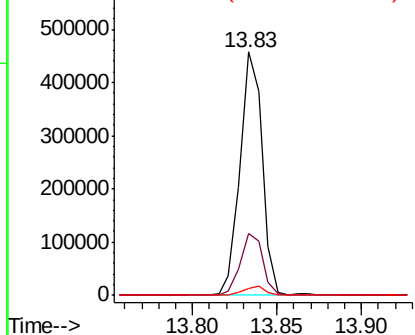
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.833 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 420072
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.3 31.9
 279 3.0 3.0 4.4

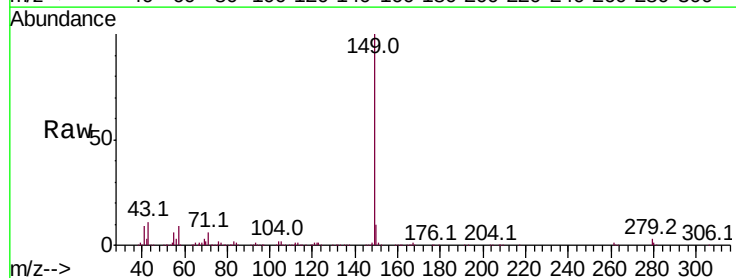


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

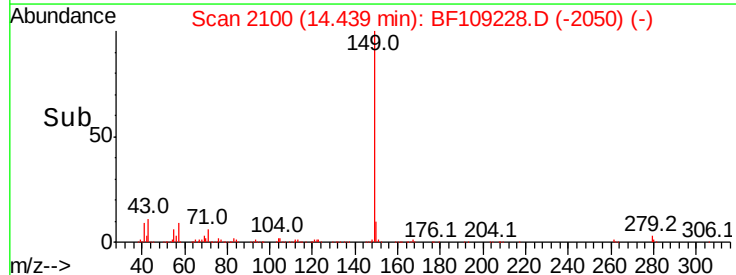
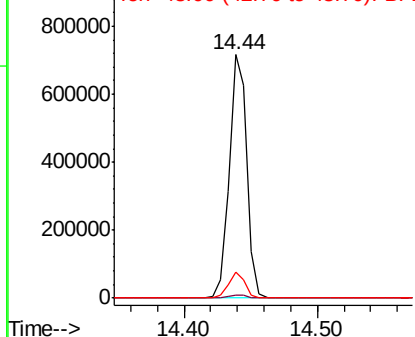


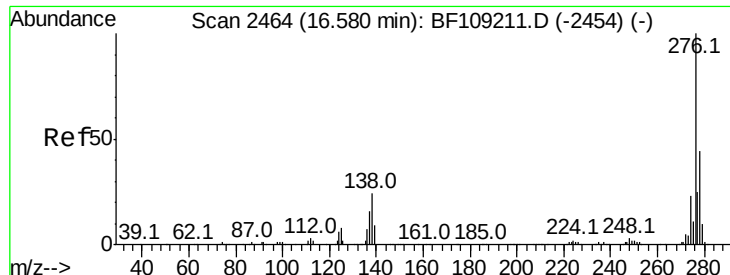
#84
 Di-n-octyl phthalate
 Concen: 37.593 ng
 RT: 14.44 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:149 Resp: 661249
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 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

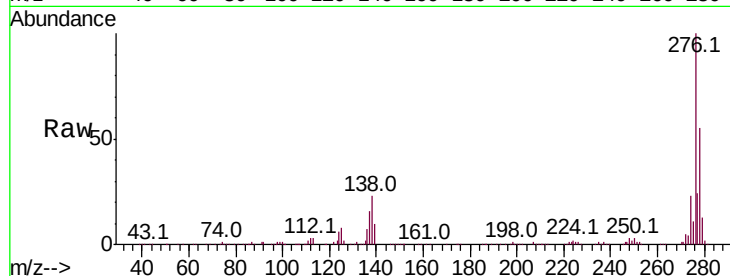




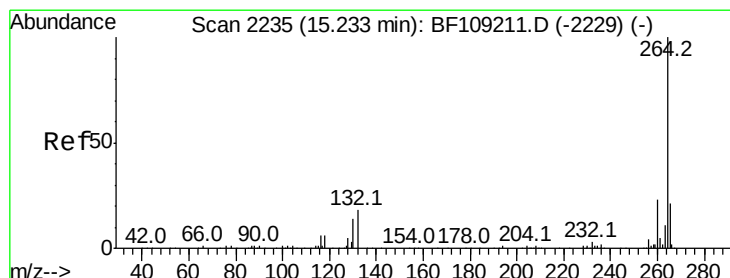
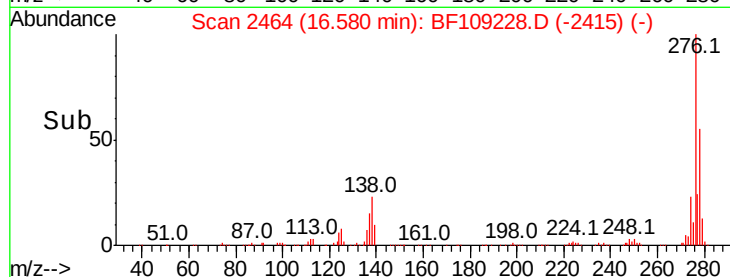
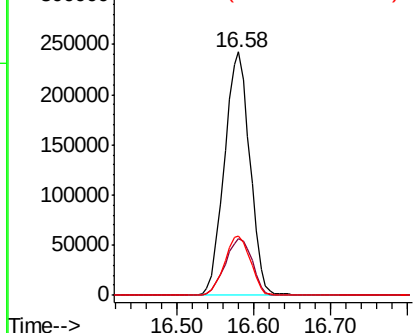
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.169 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

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

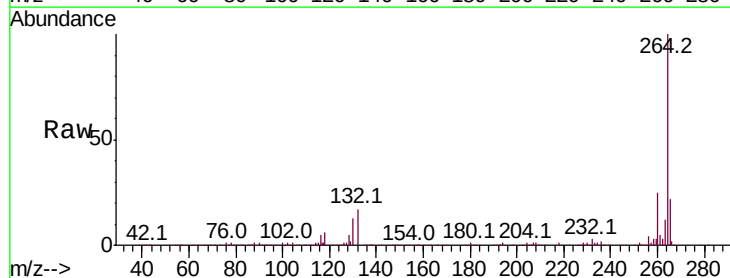


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

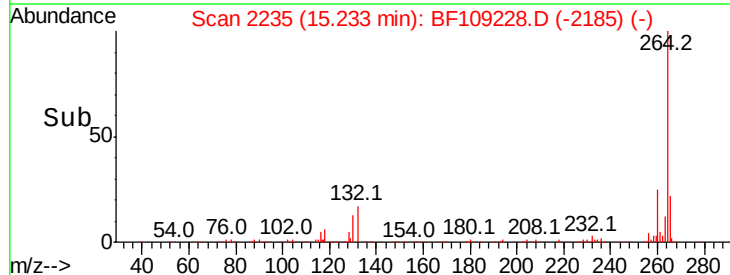
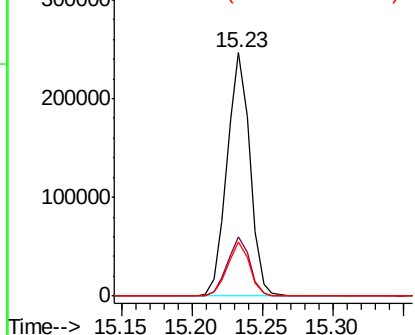


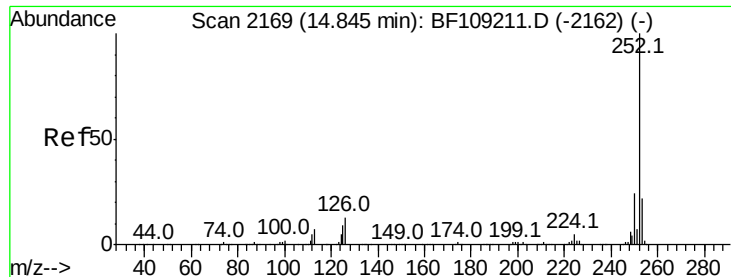
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 31.034 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

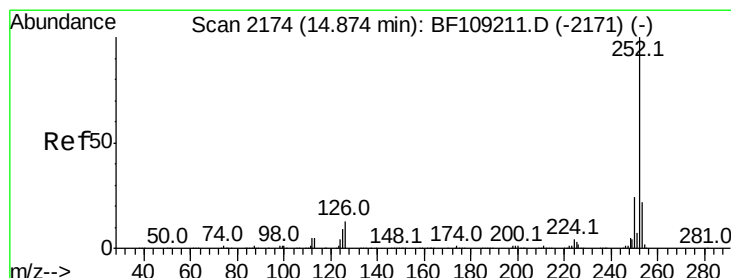
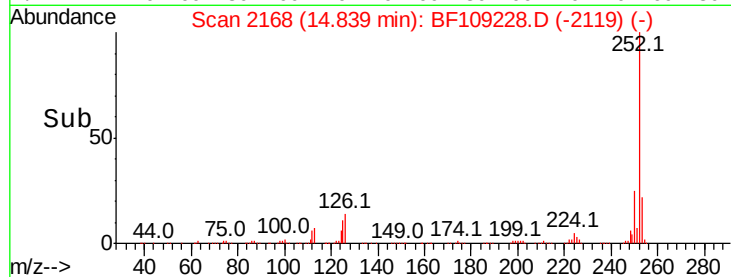
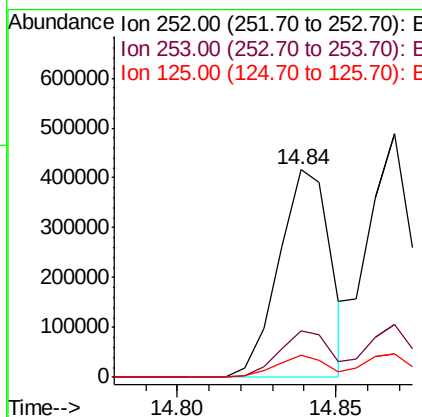
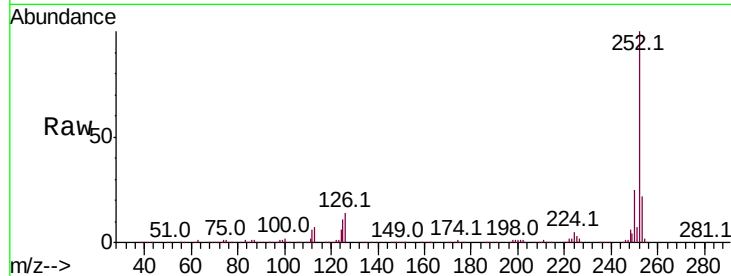
Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 473355

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 32.704 ng

RT: 14.84 min Scan# 2168

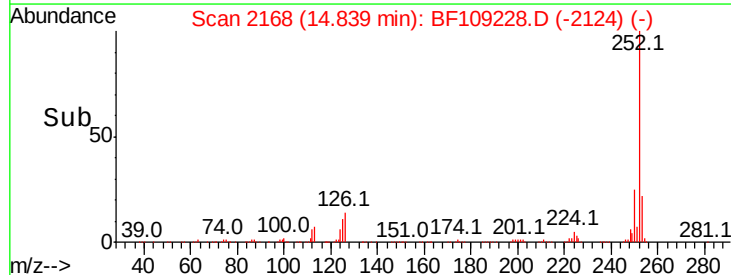
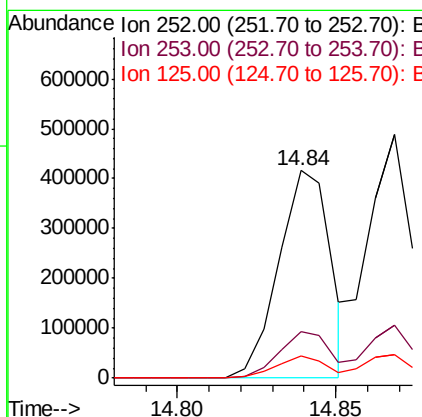
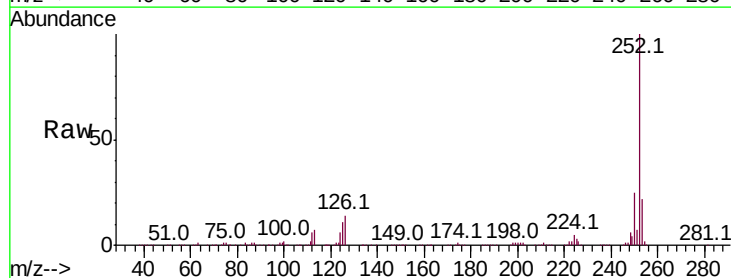
Delta R.T. -0.04 min

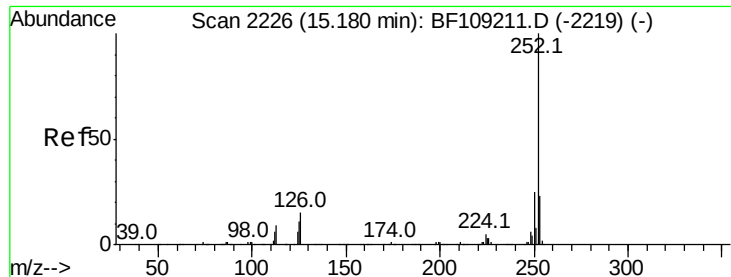
Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:252 Resp: 473355

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 33.826 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampled :

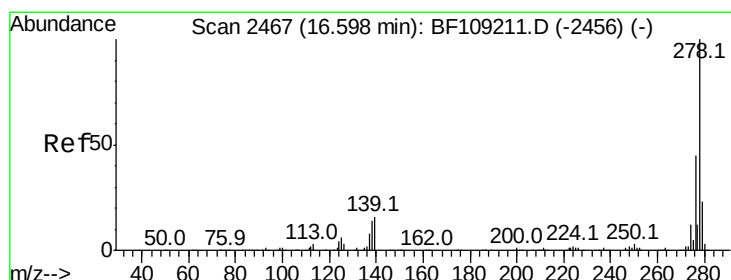
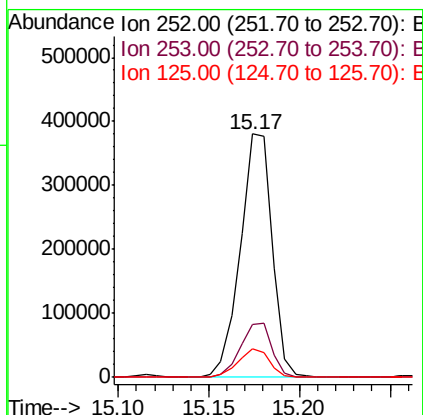
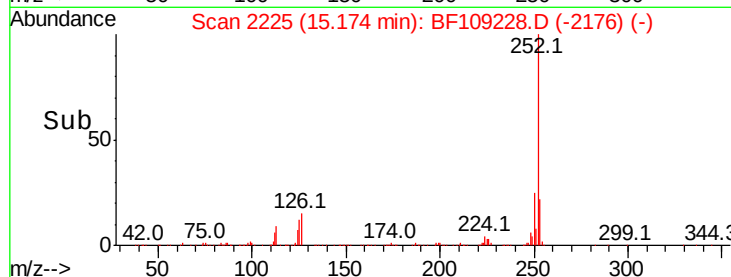
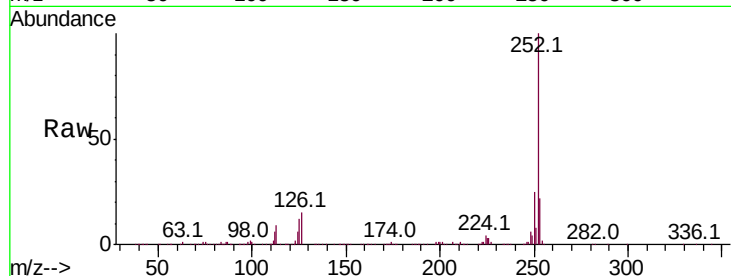
Tot Ion:252 Resp: 464907

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 11.8 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 41.209 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

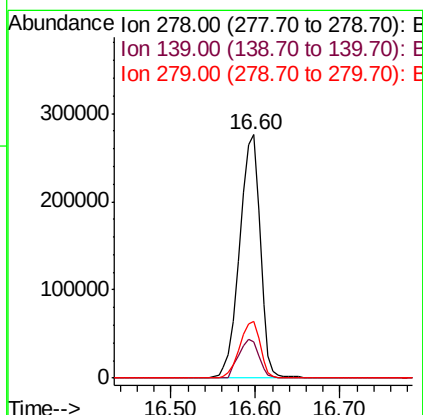
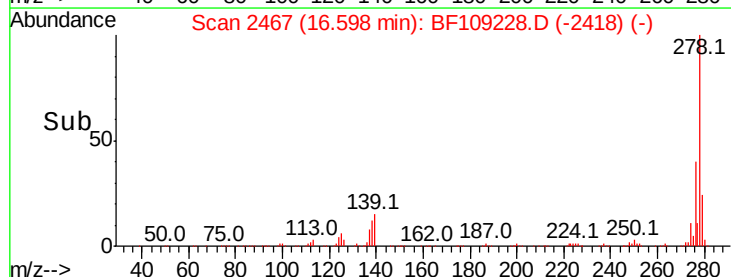
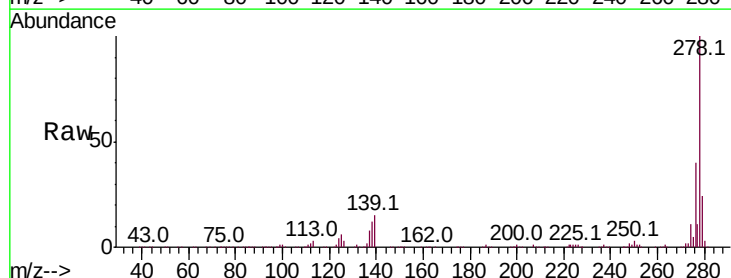
Tgt Ion:278 Resp: 464649

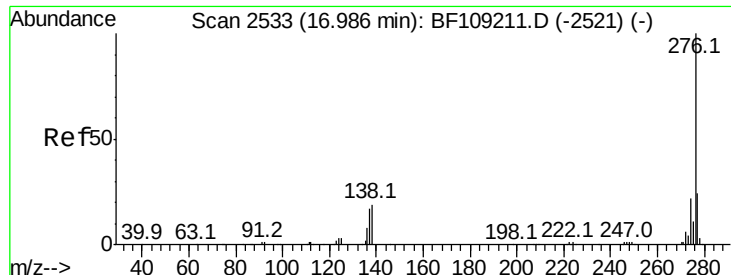
Ion Ratio Lower Upper

278 100

139 15.1 15.9 23.9#

279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.394 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

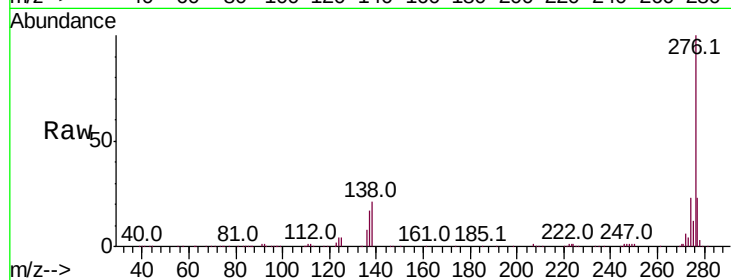
Tot Ion:276 Resp: 458716

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 21.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

