

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109133.D
 Acq On : 19 Sep 2018 8:44
 Operator : JU/SJ
 Sample : PB112905BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 11:41:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130290	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	461546	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192115	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	315857	20.00	ng	0.00
75) Chrysene-d12	13.86	240	277995	20.00	ng	0.00
86) Perylene-d12	15.26	264	272546	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	729508	92.99	ng	0.02
7) Phenol-d6	6.37	99	924325	91.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	831407	101.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	193707	92.91	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1382408	112.74	ng	0.00
78) Terphenyl-d14	12.81	244	1196145	101.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.47	88	132925	35.597	ng	94
3) Pyridine	3.17	79	386558	39.050	ng	90
4) n-Nitrosodimethylamine	3.10	42	184661	49.394	ng	# 99
6) Aniline	6.38	93	365706	27.971	ng	# 91
8) 2-Chlorophenol	6.51	128	384880	43.842	ng	98
9) Benzaldehyde	6.27	77	158191	24.487	ng	98
10) Phenol	6.38	94	468118	41.129	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	374725	41.849	ng	98
12) 1,3-Dichlorobenzene	6.67	146	419616	41.796	ng	99
13) 1,4-Dichlorobenzene	6.74	146	427315	42.427	ng	98
14) 1,2-Dichlorobenzene	6.90	146	391235	41.900	ng	98
15) Benzyl Alcohol	6.87	79	336819	43.861	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	529674	41.286	ng	94
17) 2-Methylphenol	6.98	107	307557	42.941	ng	97
18) Hexachloroethane	7.24	117	142249	38.887	ng	100
19) n-Nitroso-di-n-propylamine	7.14	70	271641	40.627	ng	98
20) 3+4-Methylphenols	7.14	107	369546	42.841	ng	# 69
22) Acetophenone	7.13	105	510335	48.689	ng	# 93
24) Nitrobenzene	7.31	77	406030	47.857	ng	98
25) Isophorone	7.55	82	729125	51.546	ng	99
26) 2-Nitrophenol	7.62	139	159175	40.179	ng	100
27) 2,4-Dimethylphenol	7.67	122	333765	53.709	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	462102	48.546	ng	99
29) 2,4-Dichlorophenol	7.87	162	299870	45.283	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	325222	45.433	ng	97
31) Naphthalene	8.02	128	1044074	48.738	ng	99
32) Benzoic acid	7.77	122	79181	19.500	ng	99
33) 4-Chloroaniline	8.07	127	166196	17.449	ng	98
34) Hexachlorobutadiene	8.15	225	199156	45.572	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	301660	43.273	ng	98
37) 2-Methylnaphthalene	8.72	142	685177	49.066	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	309381	51.166	ng	98
40) Hexachlorocyclopentadiene	8.88	237	113947	37.402	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	195463	48.093	ng	100

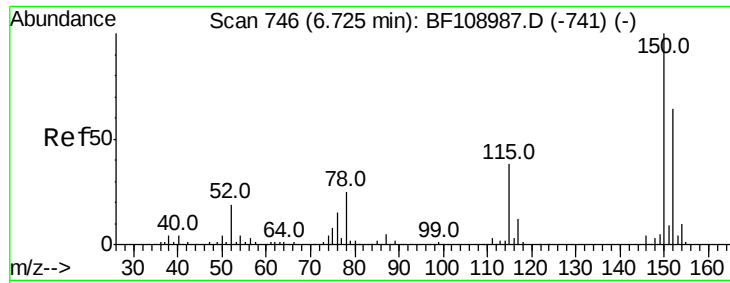
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109133.D
 Acq On : 19 Sep 2018 8:44
 Operator : JU/SJ
 Sample : PB112905BSD
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Quant Time: Sep 19 11:41:11 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	202707	47.728	nq	97
45) 1,1'-Biphenyl	9.18	154	788923	51.329	nq	98
46) 2-Chloronaphthalene	9.20	162	607071	49.319	nq	99
47) 2-Nitroaniline	9.30	65	189204	49.999	nq	96
48) Acenaphthylene	9.62	152	944938	50.916	nq	100
49) Dimethylphthalate	9.48	163	720693	52.486	nq	99
50) 2,6-Dinitrotoluene	9.54	165	146688	48.172	nq	94
51) Acenaphthene	9.79	154	545637	47.215	nq	99
52) 3-Nitroaniline	9.70	138	128027	35.705	nq	93
53) 2,4-Dinitrophenol	9.81	184	17727	15.105	nq	# 22
54) Dibenzofuran	9.96	168	782604	46.863	nq	99
55) 4-Nitrophenol	9.87	139	204359	77.355	nq	94
56) 2,4-Dinitrotoluene	9.94	165	176614	44.349	nq	# 92
57) Fluorene	10.30	166	561289	50.435	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	156370	44.465	nq	89
59) Diethylphthalate	10.18	149	680636	49.086	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	282510	47.408	nq	93
61) 4-Nitroaniline	10.31	138	141365	41.497	nq	97
62) Azobenzene	10.45	77	638437	44.980	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	17200	11.381	nq	76
65) n-Nitrosodiphenylamine	10.41	169	541389	52.400	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	181158	50.875	nq	# 83
67) Hexachlorobenzene	10.85	284	184754	48.507	nq	94
68) Atrazine	10.94	200	171224	51.770	nq	96
69) Pentachlorophenol	11.04	266	173184	71.068	nq	99
70) Phenanthrene	11.25	178	810277	52.332	nq	99
71) Anthracene	11.31	178	831234	52.960	nq	100
72) Carbazole	11.46	167	734418	47.269	nq	99
73) Di-n-butylphthalate	11.80	149	929176	51.089	nq	99
74) Fluoranthene	12.44	202	859273	52.568	nq	98
76) Benzidine	12.56	184	369598	37.558	nq	98
77) Pyrene	12.67	202	878587	42.548	nq	99
79) Butylbenzylphthalate	13.29	149	391663	42.467	nq	98
80) Benzo(a)anthracene	13.85	228	842348	50.048	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	275592	40.578	nq	96
82) Chrysene	13.88	228	824181	48.944	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	495732	44.393	nq	99
84) Di-n-octyl phthalate	14.46	149	995485	52.563	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	641622	47.659	nq	94
87) Benzo(b)fluoranthene	14.87	252	803203	53.270	nq	97
88) Benzo(k)fluoranthene	14.89	252	764532	54.288	nq	97
89) Benzo(a)pyrene	15.21	252	709019	52.951	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	546086	48.543	nq	96
91) Benzo(q,h,i)perylene	17.02	276	517253	45.990	nq	# 92

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

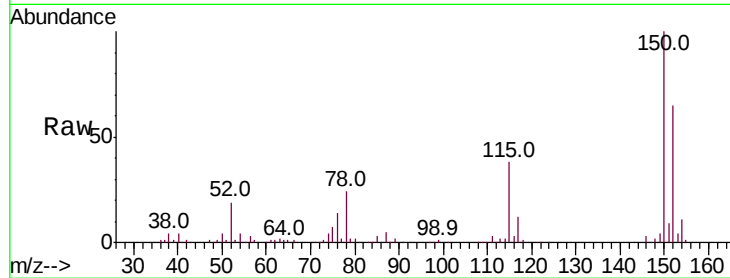


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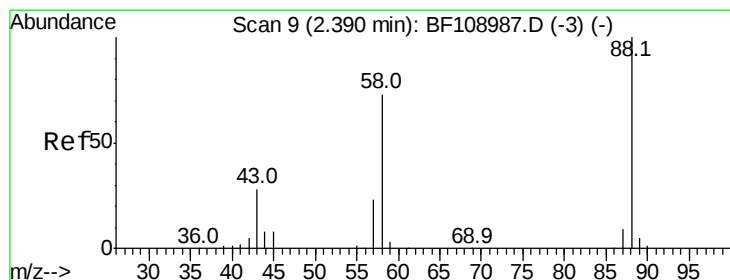
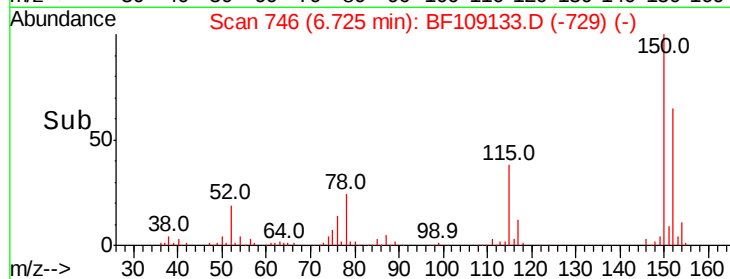
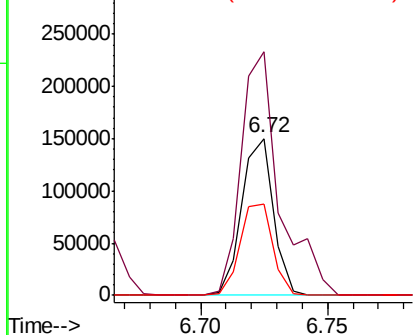
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 130290
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.2 50.1 75.1



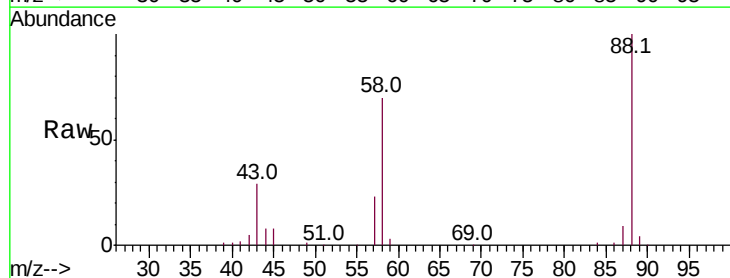
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



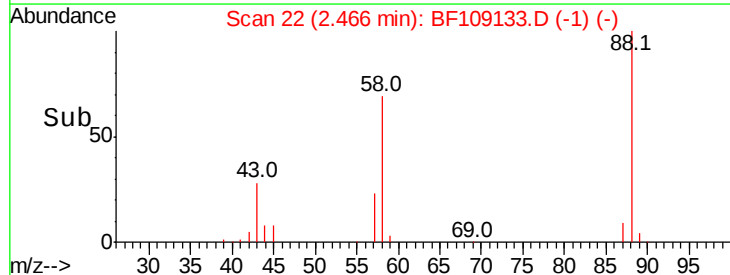
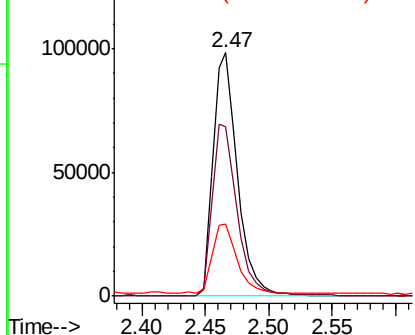
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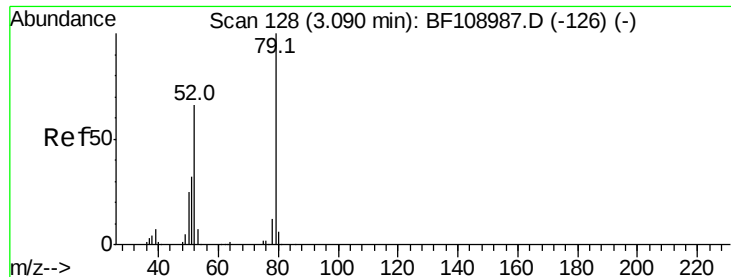
1,4-Dioxane
Concen: 35.597 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.08 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion: 88 Resp: 132925
Ion Ratio Lower Upper
88 100
58 72.7 62.6 93.8
43 28.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



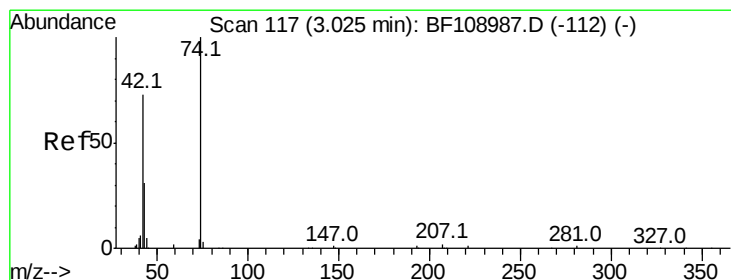
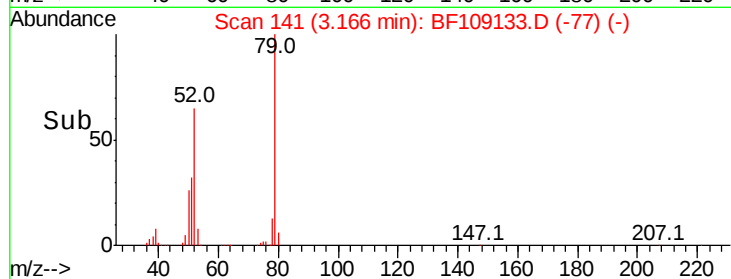
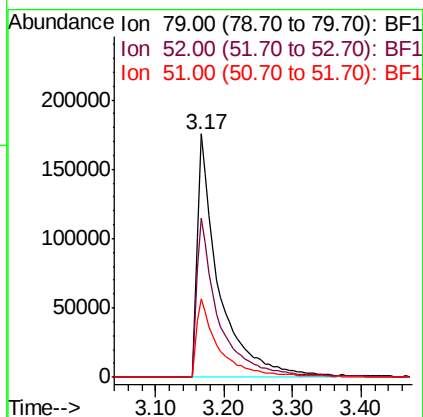
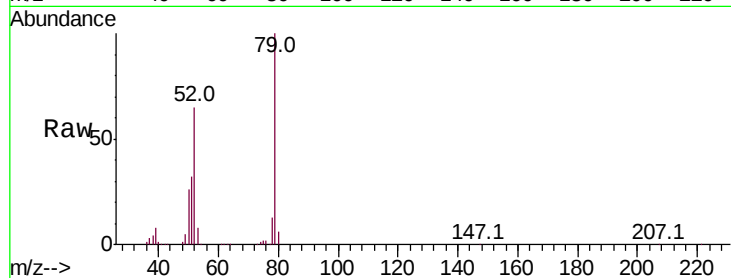


#3
Pvridine
Concen: 39.050 ng
RT: 3.17 min Scan# 141
Delta R.T. 0.08 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 386558

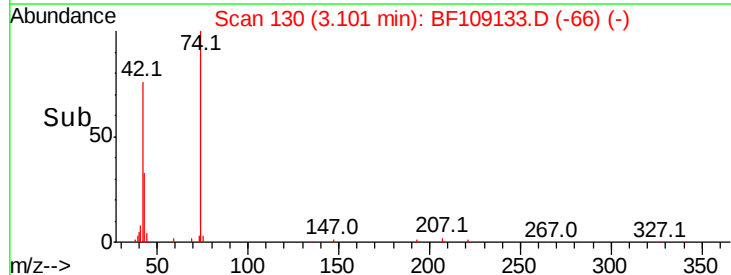
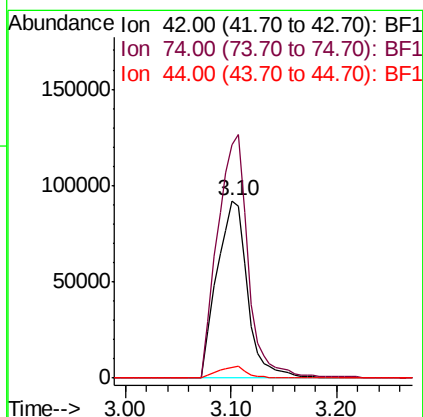
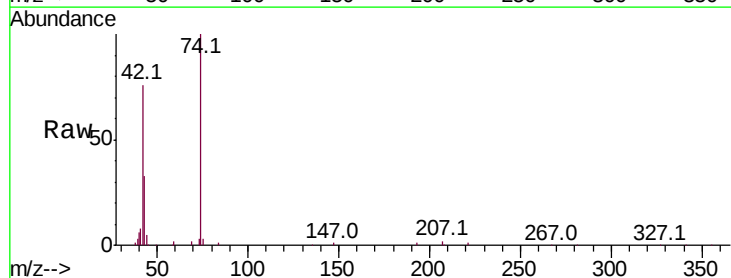
Ion	Ratio	Lower	Upper
79	100		
52	65.4	59.8	89.6
51	32.3	29.8	44.8

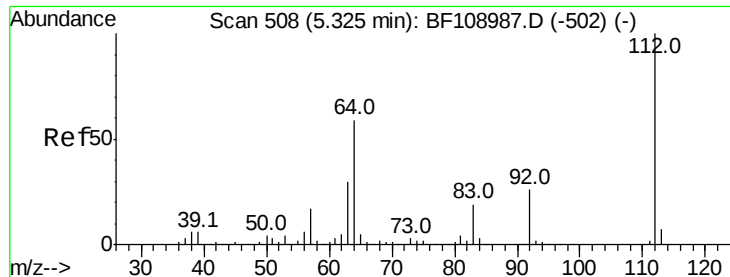


#4
n-Nitrosodimethylamine
Concen: 49.394 ng
RT: 3.10 min Scan# 130
Delta R.T. 0.08 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion: 42 Resp: 184661

Ion	Ratio	Lower	Upper
42	100		
74	131.3	104.9	157.3
44	6.1	6.9	10.3#





#5

2-Fluorophenol

Concen: 92.995 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampled :

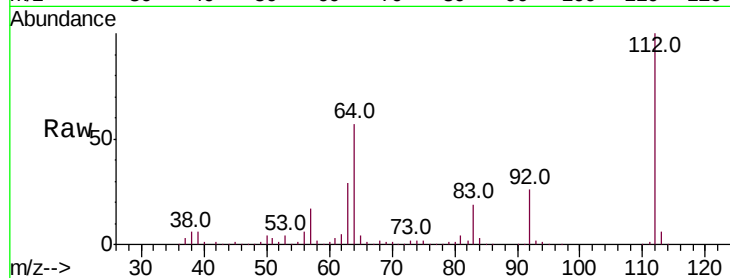
Tot Ion:112 Resp: 729508

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

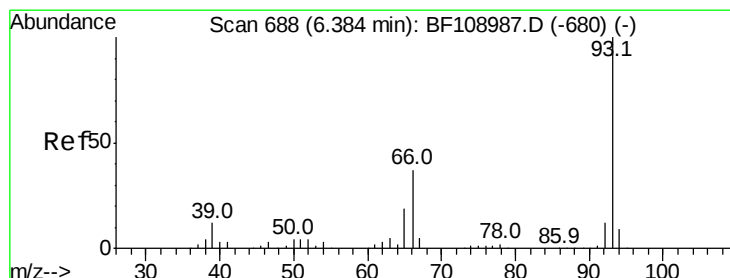
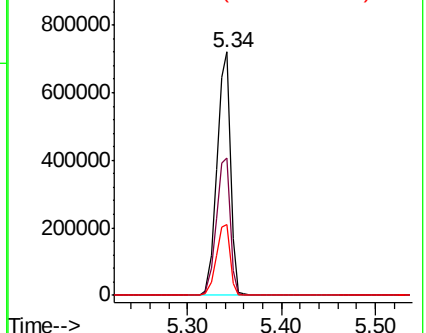
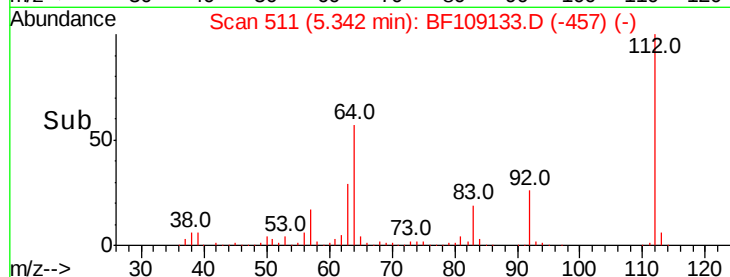
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.971 ng

RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

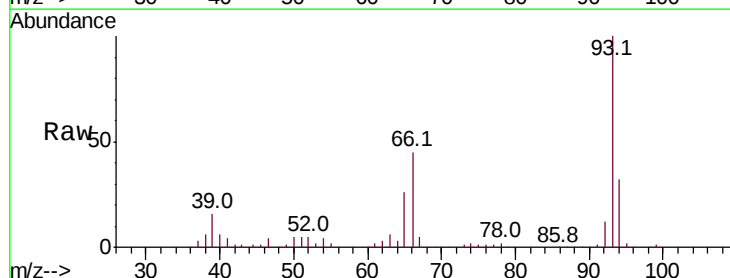
Tgt Ion: 93 Resp: 365706

Ion Ratio Lower Upper

93 100

66 45.1 32.2 48.2

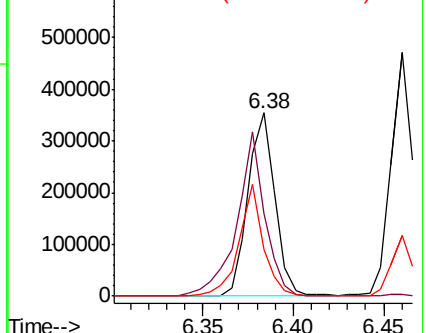
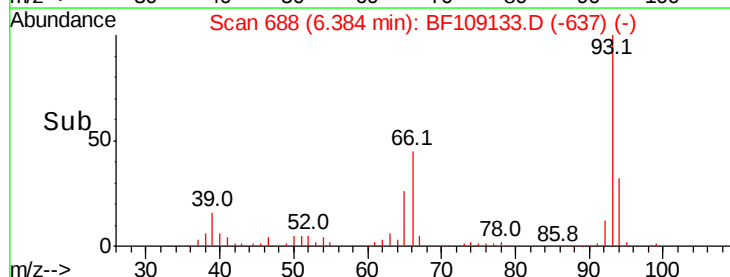
65 25.6 16.4 24.6#

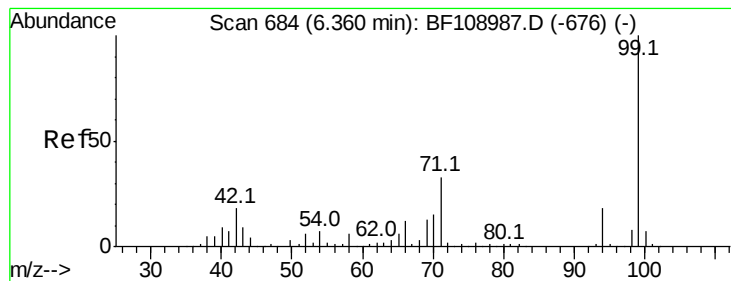


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.379 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampled :

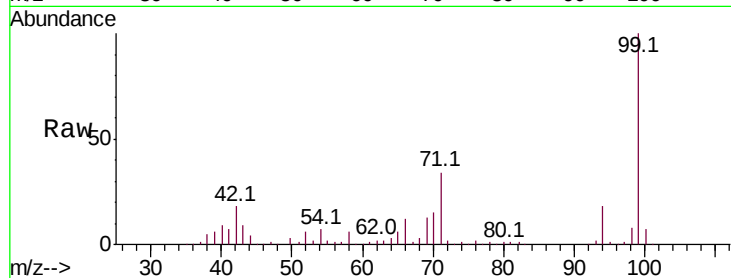
Tot Ion: 99 Resp: 924325

Ion Ratio Lower Upper

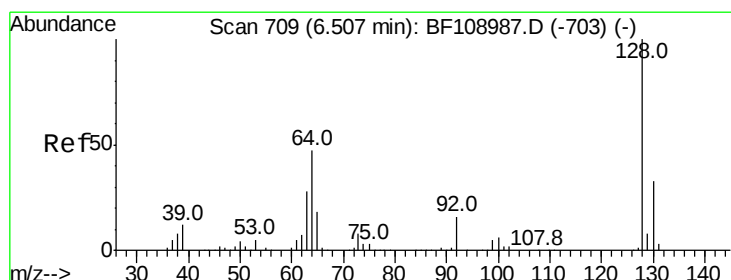
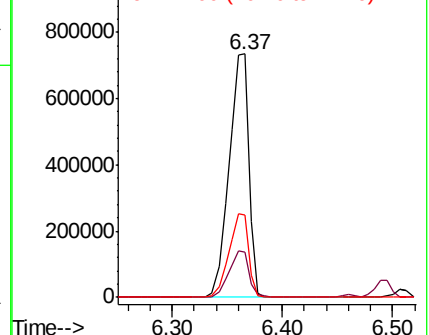
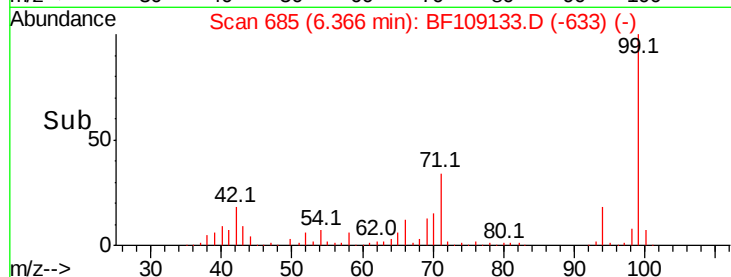
99 100

42 18.4 14.5 21.7

71 33.6 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: 43.842 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

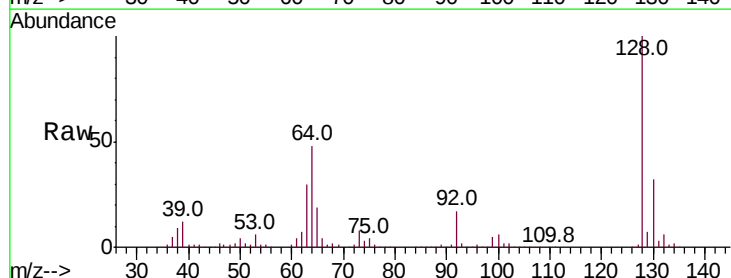
Tgt Ion: 128 Resp: 384880

Ion Ratio Lower Upper

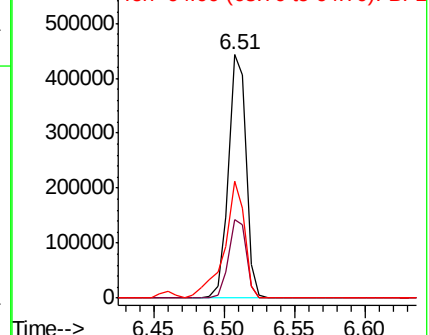
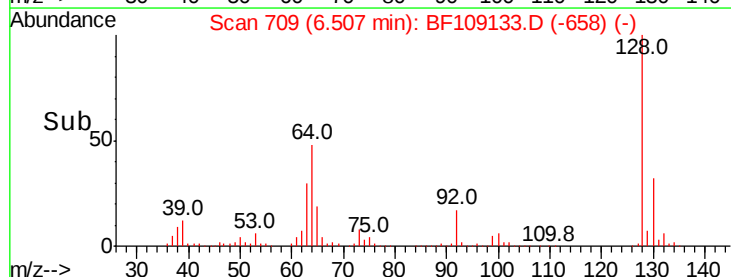
128 100

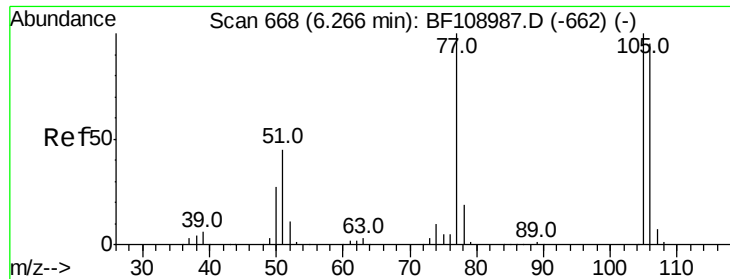
130 32.3 13.0 53.0

64 47.8 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: 24.487 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

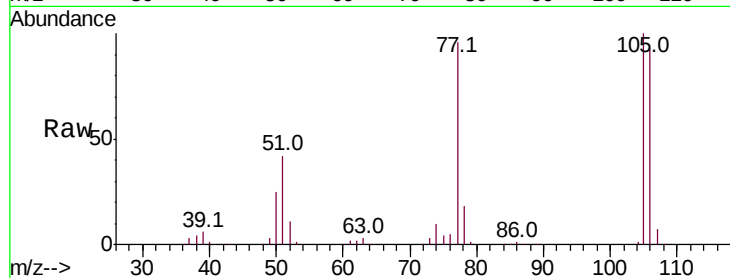
Tot Ion: 77 Resp: 158191

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

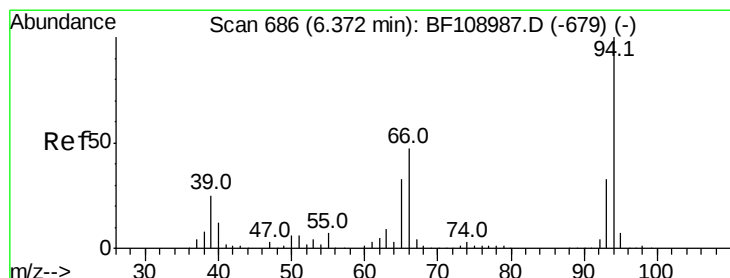
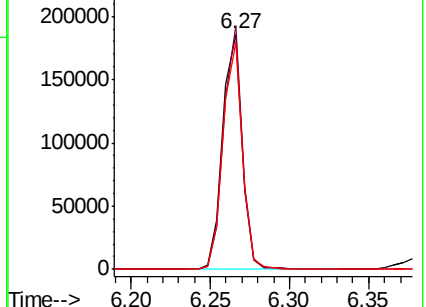
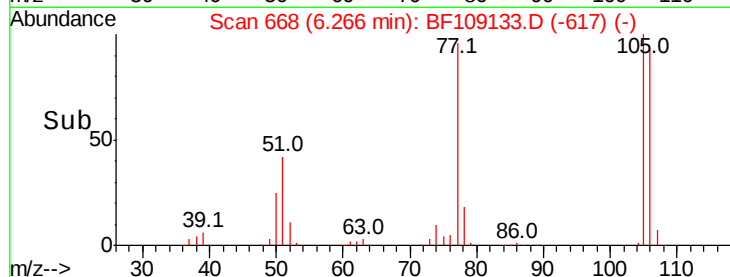
106 96.4 74.5 114.5



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: 41.129 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

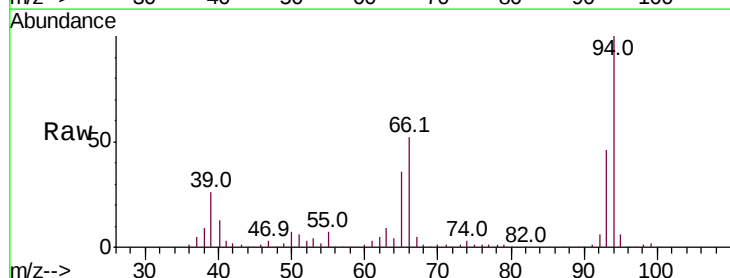
Tgt Ion: 94 Resp: 468118

Ion Ratio Lower Upper

94 100

65 35.7 7.9 47.9

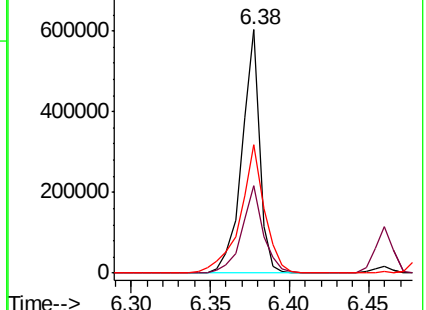
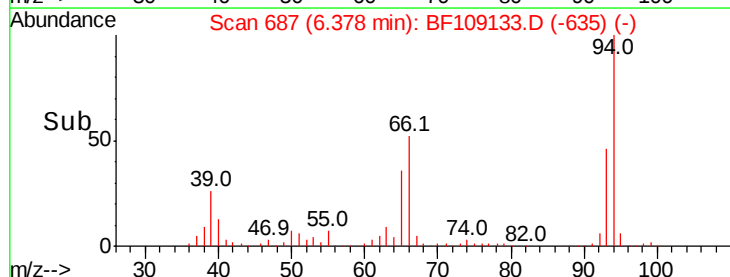
66 52.5 16.2 56.2

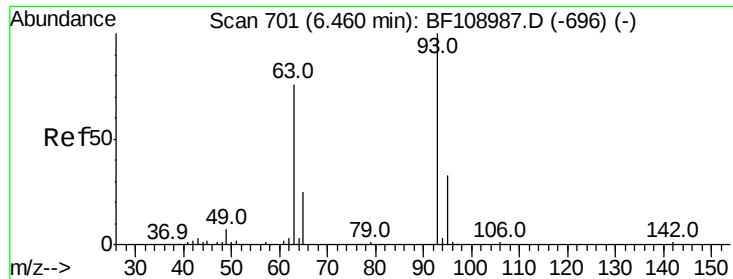


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.849 ng

RT: 6.46 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

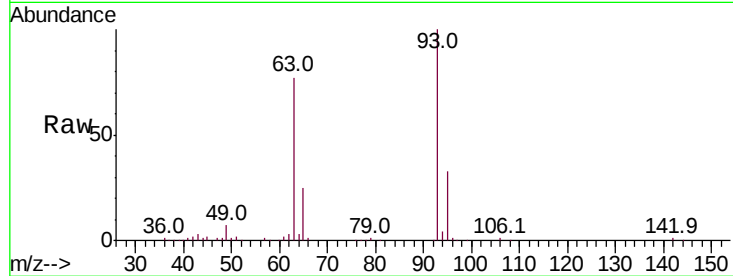
Tot Ion: 93 Resp: 374725

Ion Ratio Lower Upper

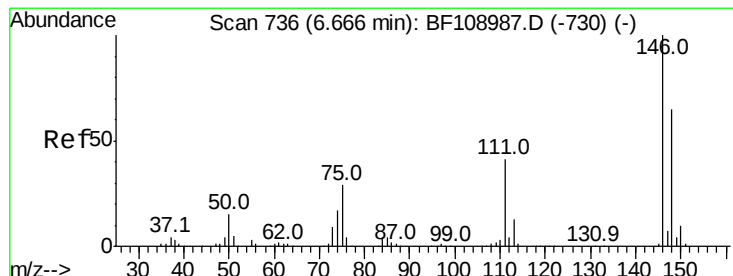
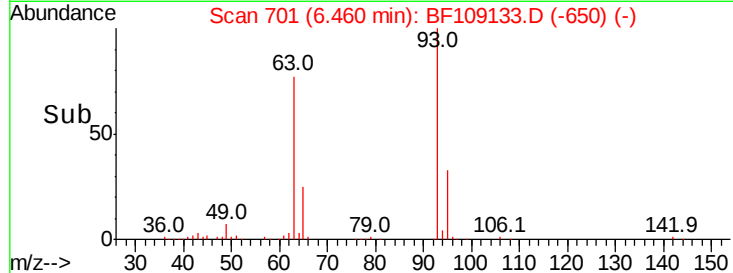
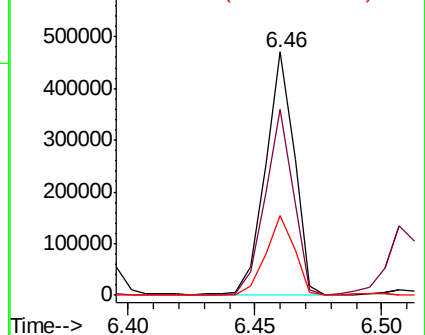
93 100

63 76.7 58.6 98.6

95 33.0 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 41.796 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

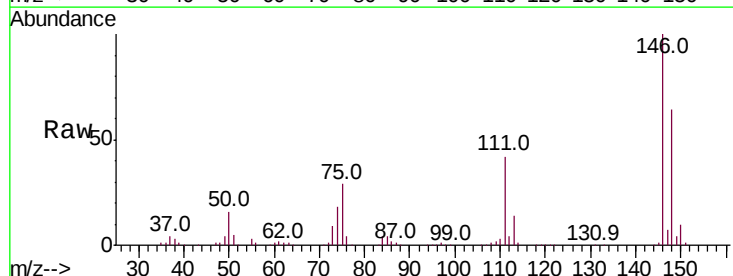
Tgt Ion: 146 Resp: 419616

Ion Ratio Lower Upper

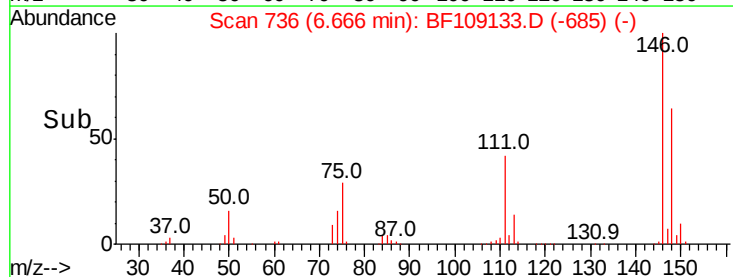
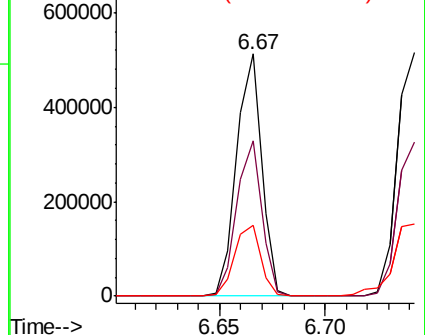
146 100

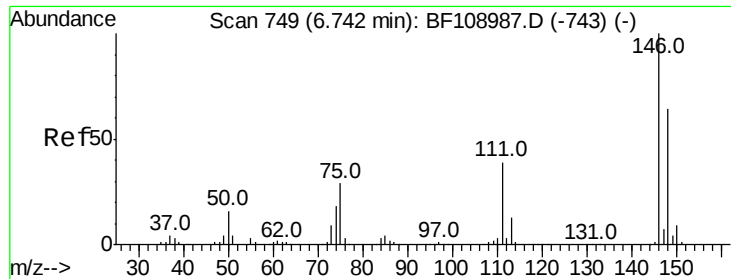
148 64.3 51.8 77.8

75 29.2 24.2 36.4



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

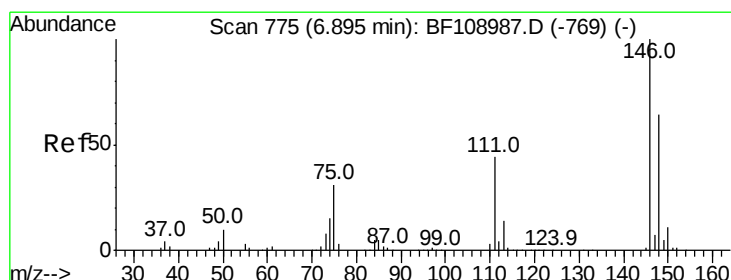
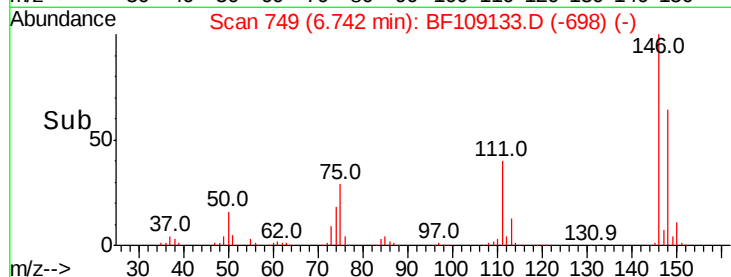
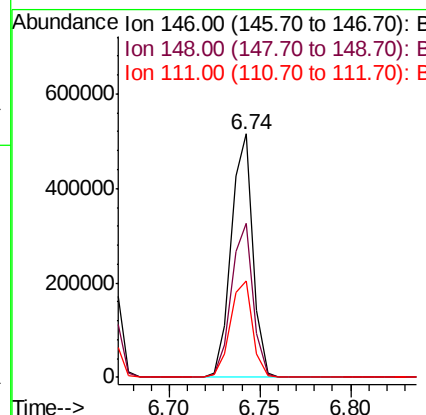
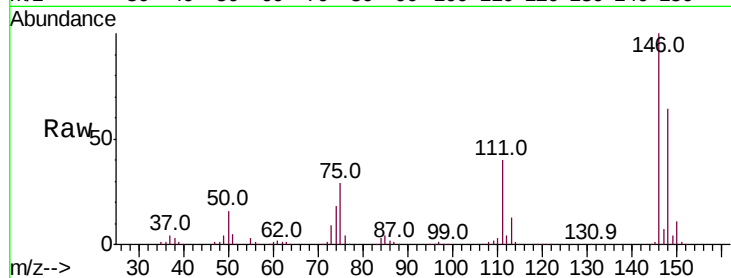




#13
 1,4-Dichlorobenzene
 Concen: 42.427 ng
 RT: 6.74 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

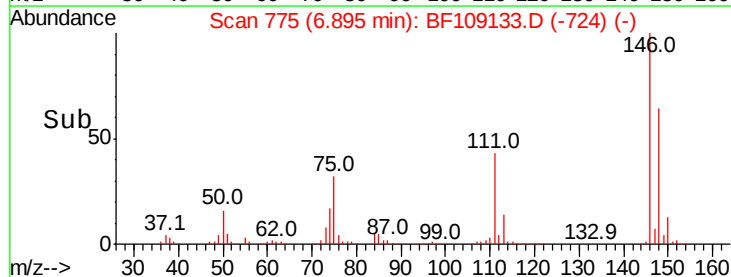
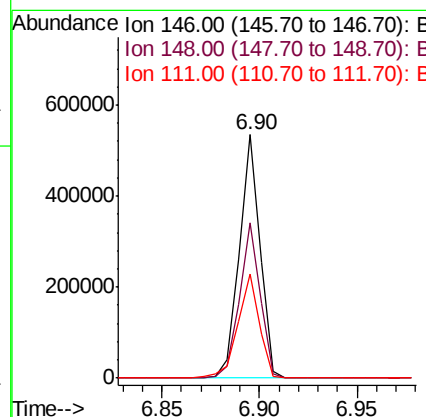
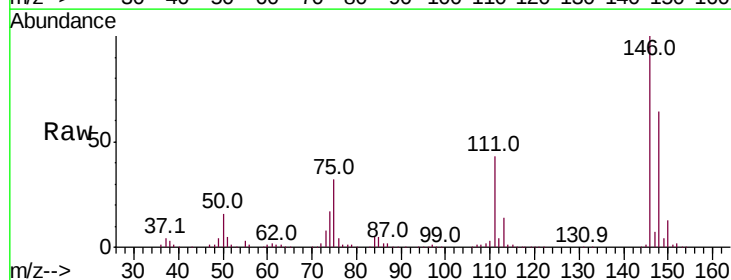
Instrument :
 BNA_F
 ClientSampleId :

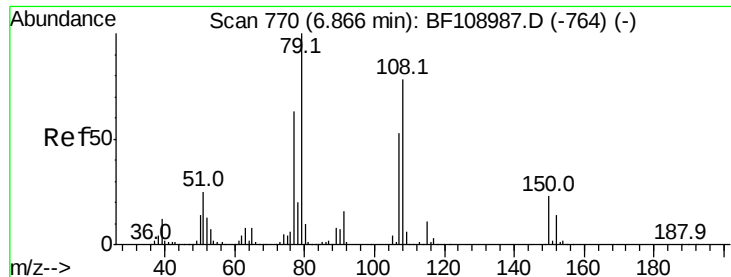
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	39.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.900 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.861 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

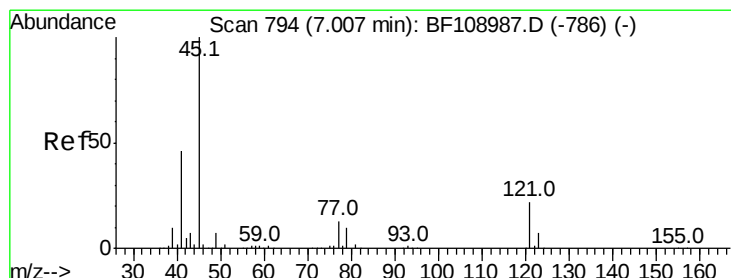
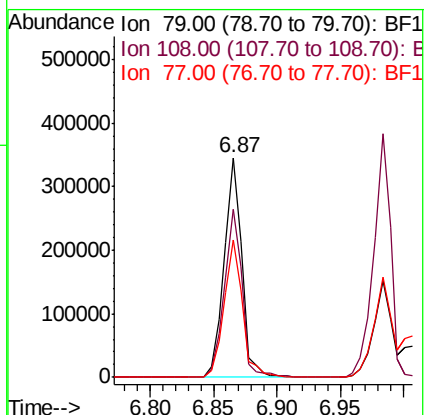
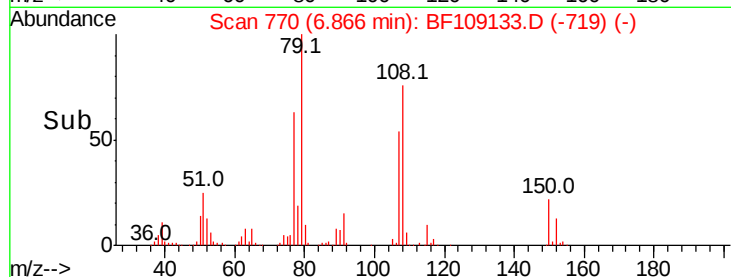
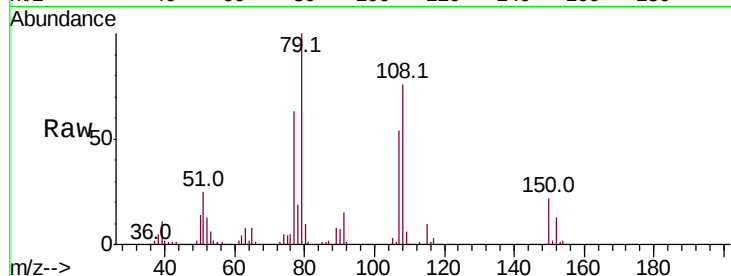
Tot Ion: 79 Resp: 336819

Ion Ratio Lower Upper

79 100

108 76.3 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.286 ng

RT: 7.01 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

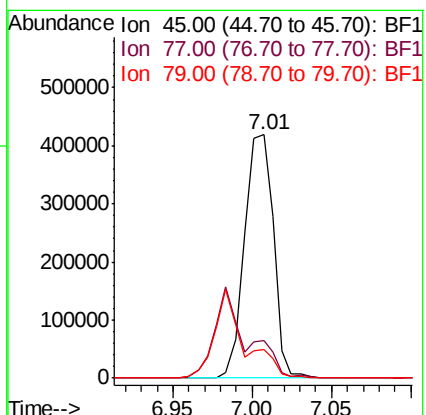
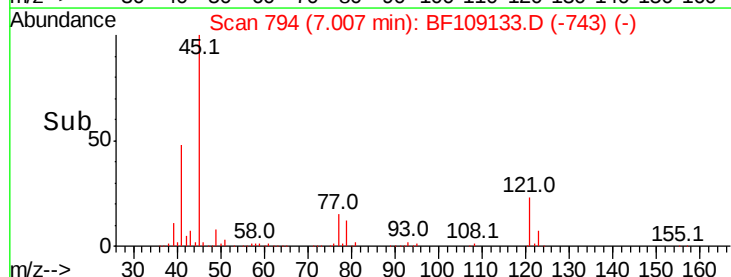
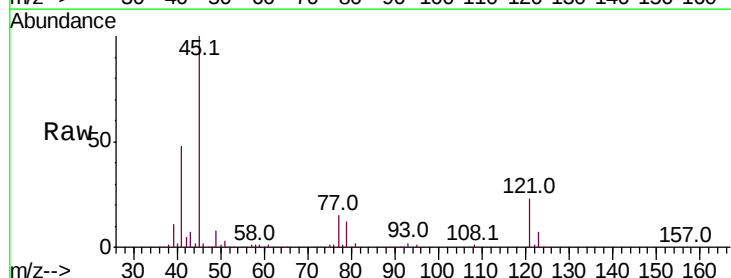
Tgt Ion: 45 Resp: 529674

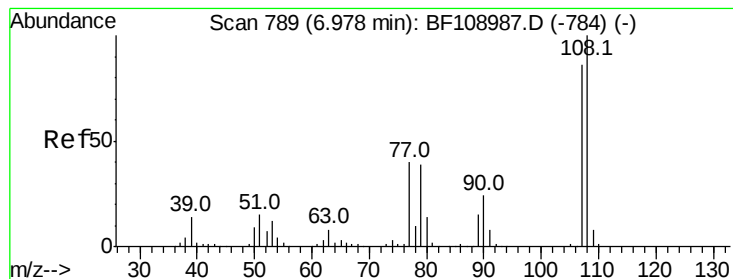
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

79 11.6 0.0 29.6

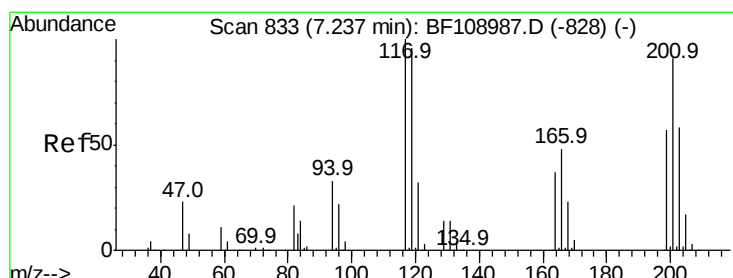
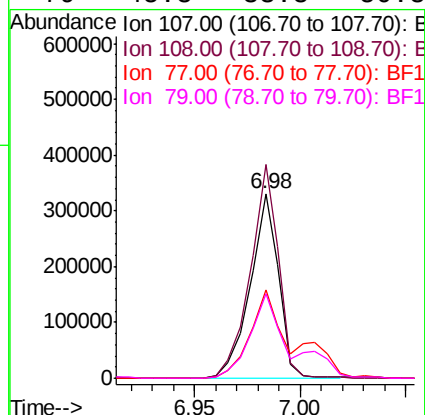
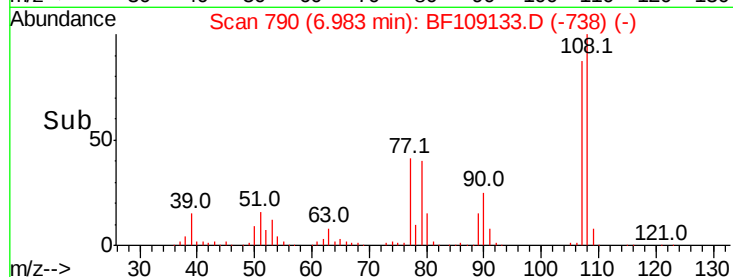
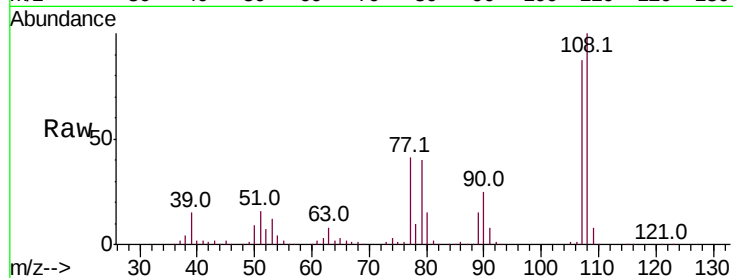




#17
2-Methylphenol
Concen: 42.941 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

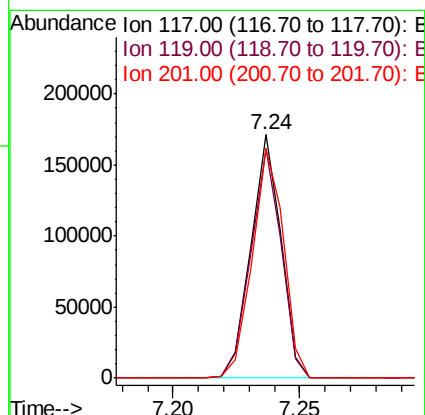
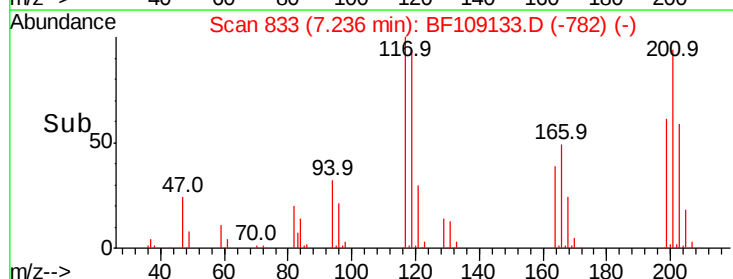
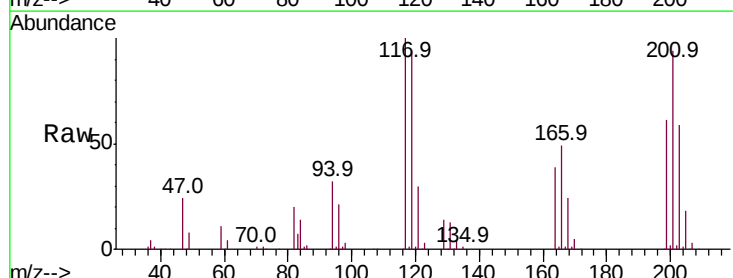
Instrument :
BNA_F
ClientSampled :

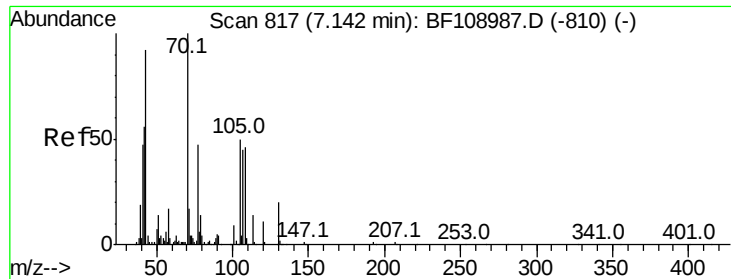
Tot Ion:107 Resp: 307557
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 47.6 33.8 50.8
79 45.8 33.8 50.8



#18
Hexachloroethane
Concen: 38.887 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:117 Resp: 142249
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 94.1 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.627 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 271641

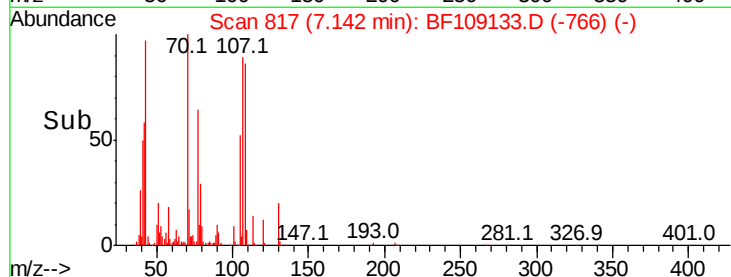
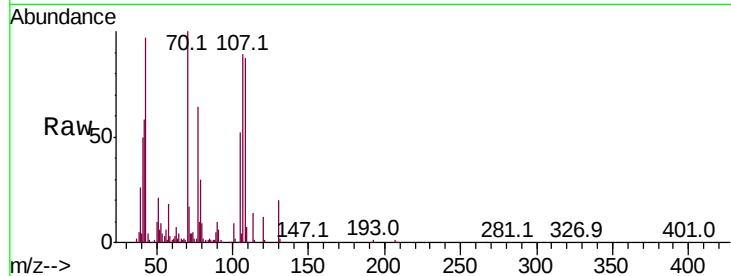
Ion Ratio Lower Upper

70 100

42 58.1 47.5 71.3

101 9.1 7.4 11.2

130 20.0 16.6 25.0

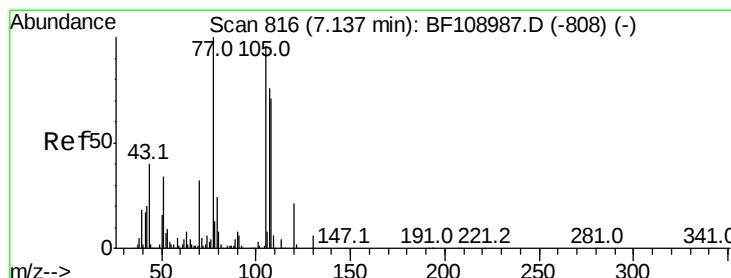
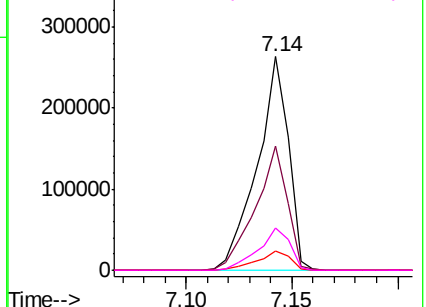


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.841 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion: 107 Resp: 369546

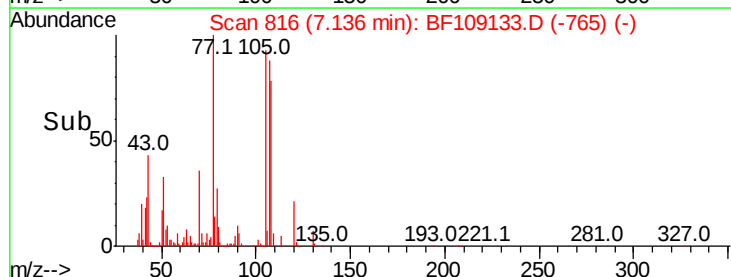
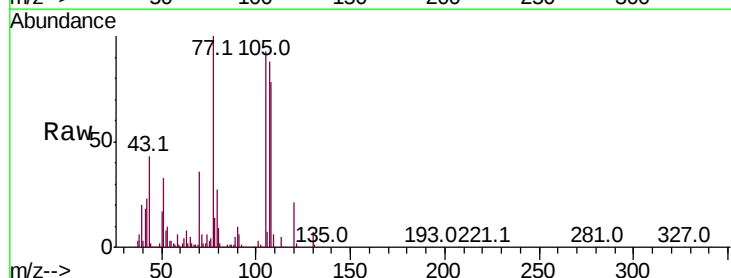
Ion Ratio Lower Upper

107 100

108 88.9 68.2 108.2

77 114.1 26.7 66.7#

79 31.0 6.3 46.3

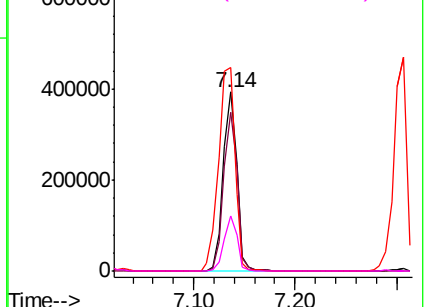


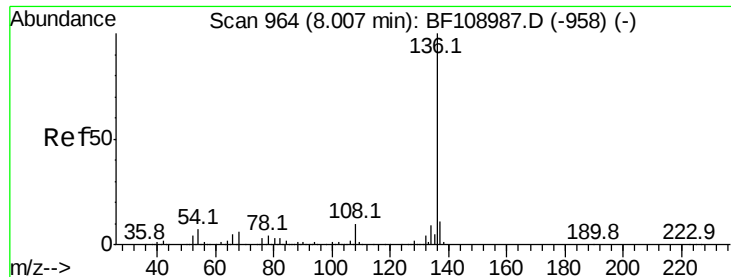
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

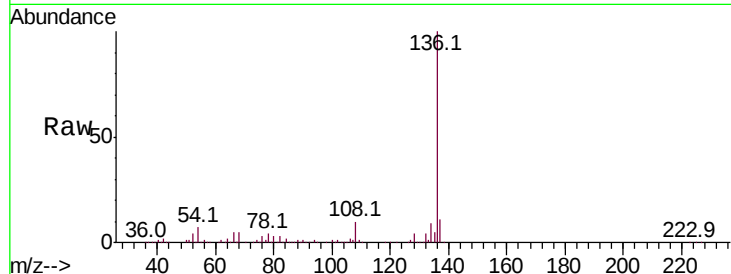




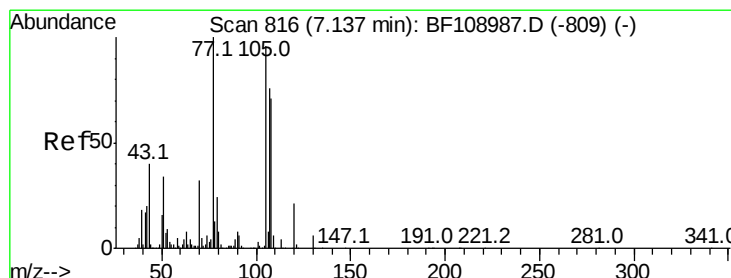
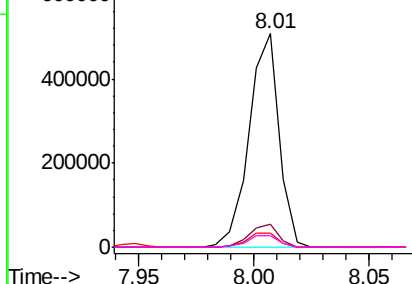
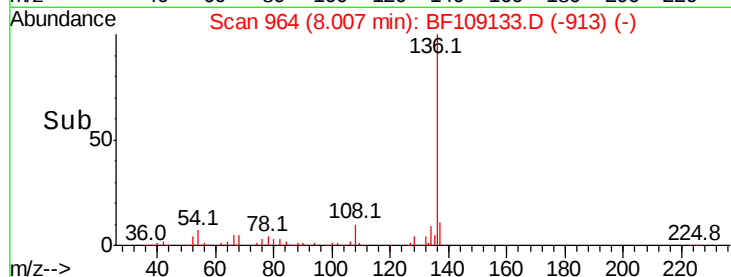
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	461546
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.7	6.6 9.8
68	5.2	5.0 7.4

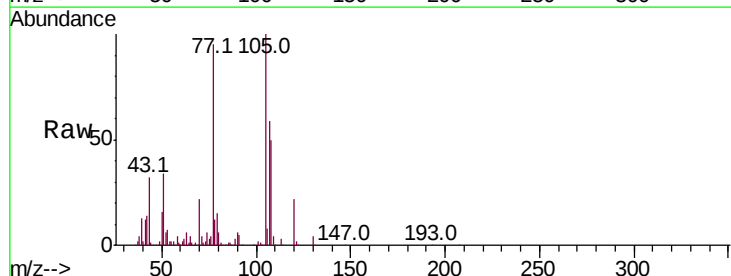


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

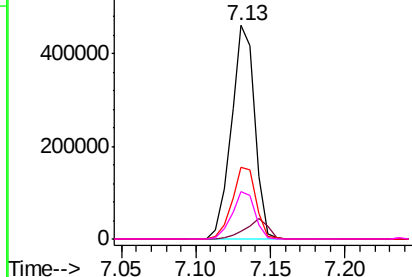
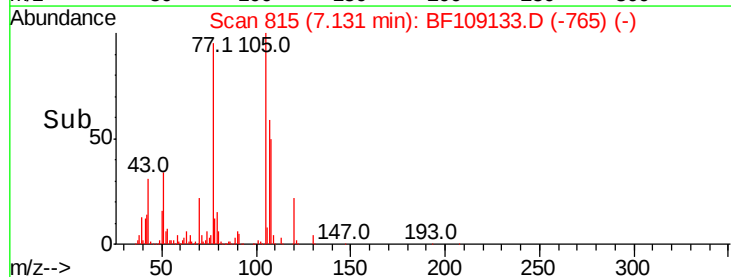


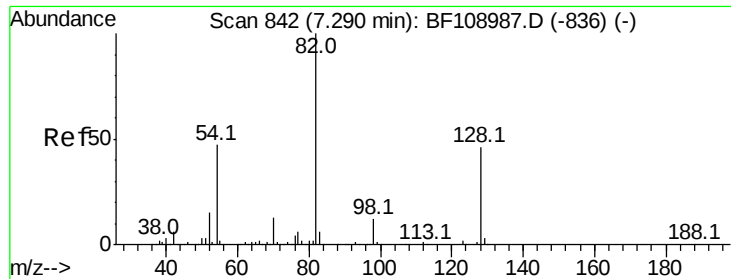
#22
Acetophenone
Concen: 48.689 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:105	Resp:	510335
Ion Ratio	Lower	Upper
105	100	
71	3.6	4.4 6.6#
51	33.5	22.3 33.5#
120	22.0	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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

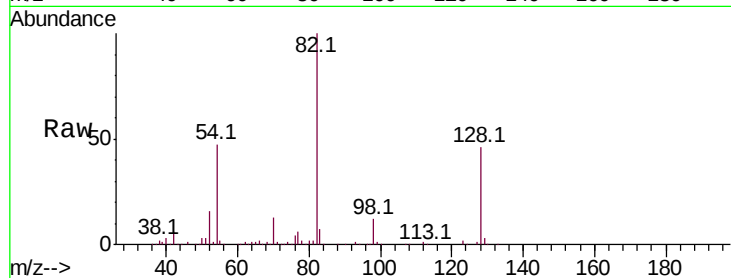




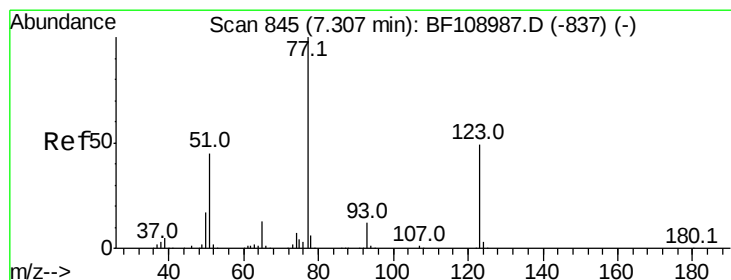
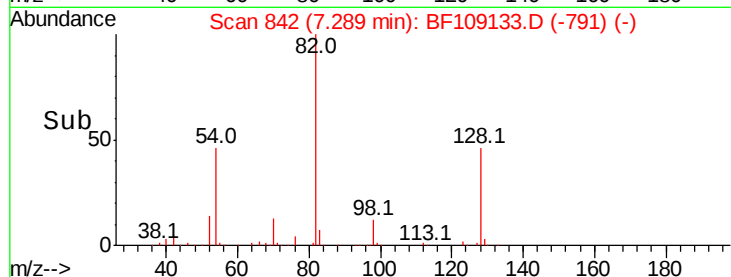
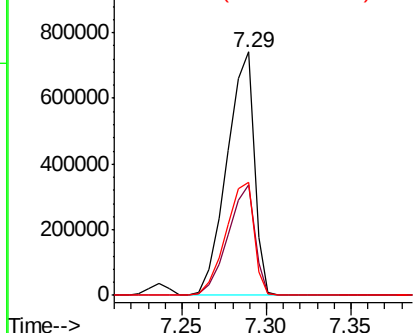
#23
 Nitrobenzene-d5
 Concen: 101.035 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	831407
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	46.6	41.4	62.2

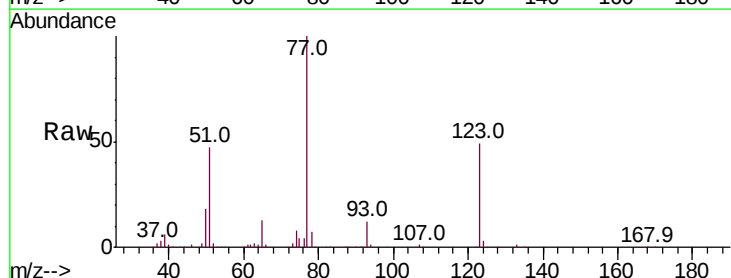


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

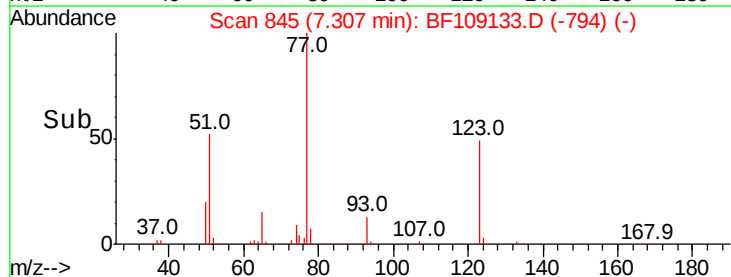
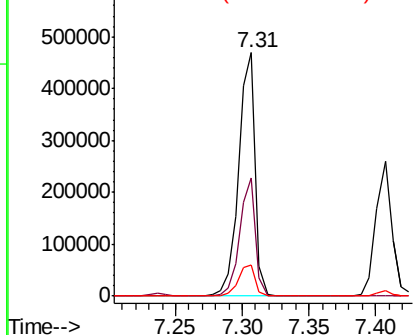


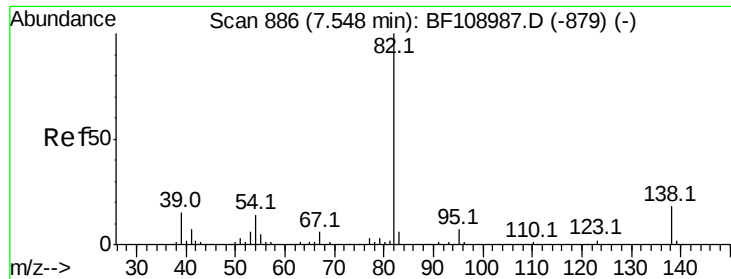
#24
 Nitrobenzene
 Concen: 47.857 ng
 RT: 7.31 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	77	Resp	406030
Ion Ratio	Lower	Upper	
77	100		
123	48.7	37.9	56.9
65	13.1	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: 51.546 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

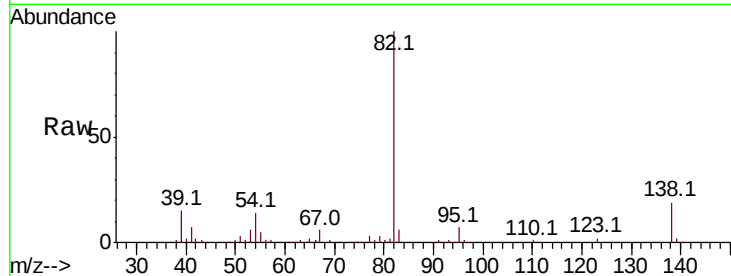
Tot Ion: 82 Resp: 729125

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

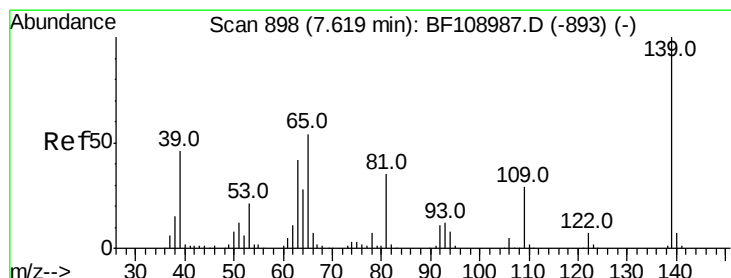
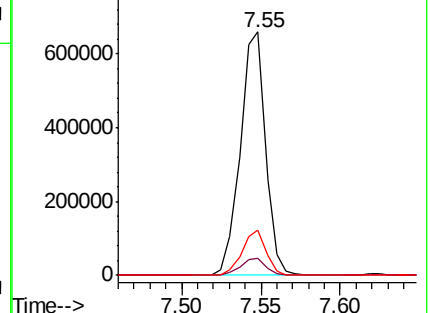
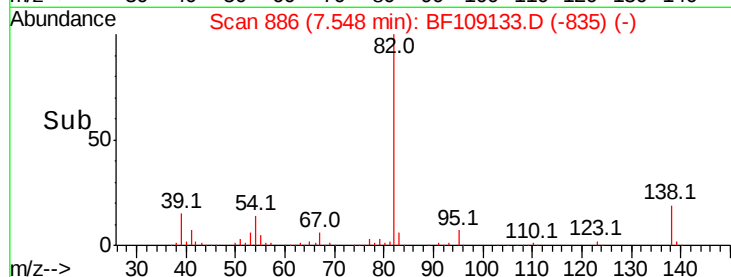
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.179 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

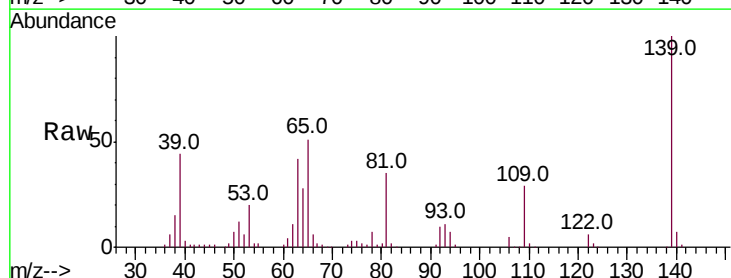
Tgt Ion: 139 Resp: 159175

Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

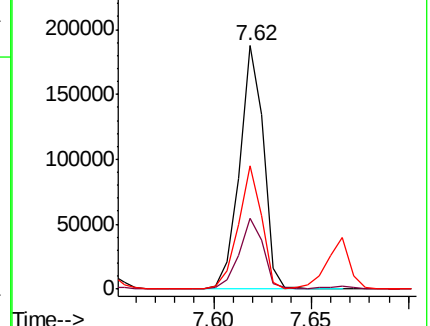
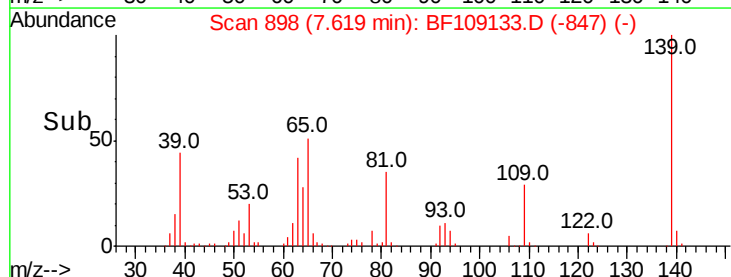
65 50.5 40.5 60.7

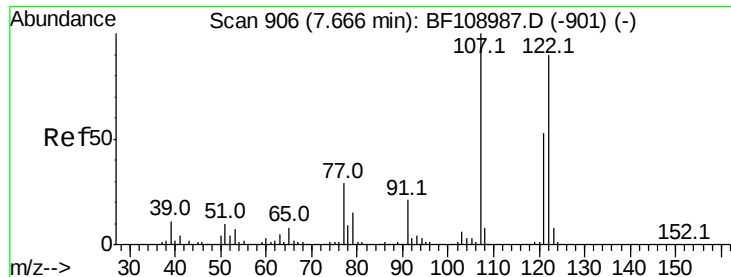


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.709 ng

RT: 7.67 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

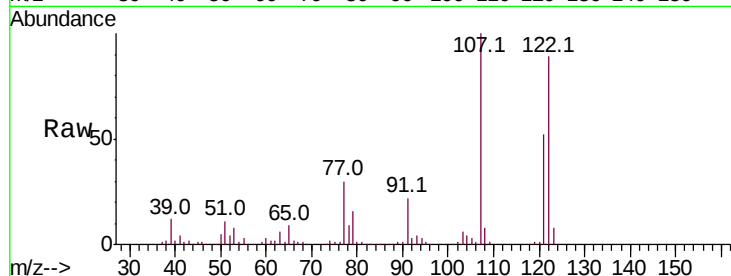
Tot Ion:122 Resp: 333765

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

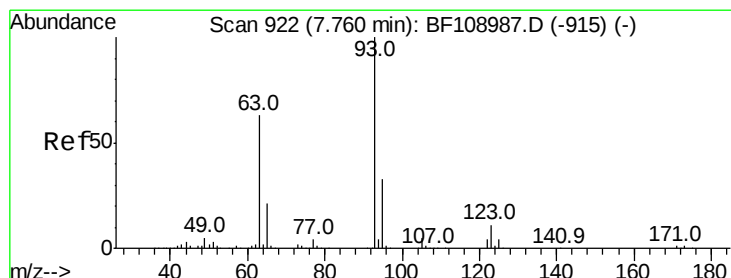
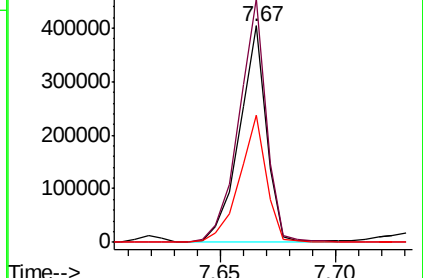
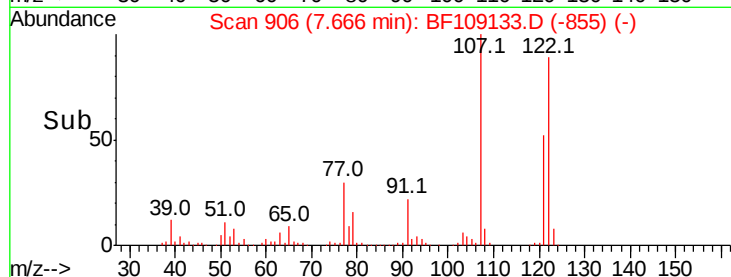
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.546 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

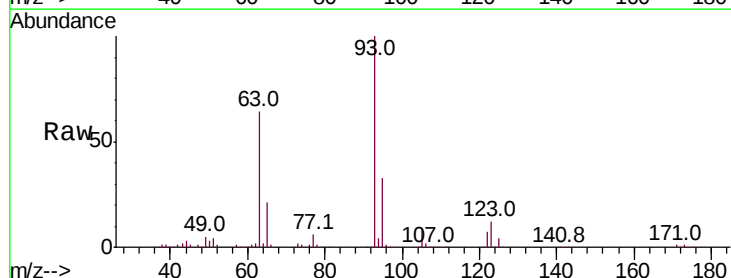
Tgt Ion: 93 Resp: 462102

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

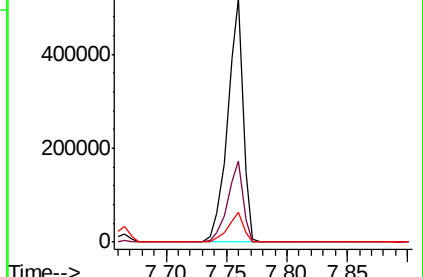
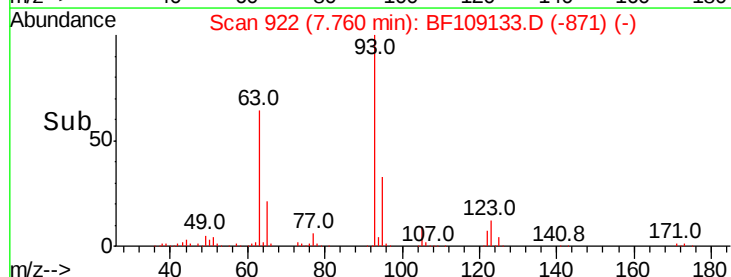
123 12.2 9.8 14.6

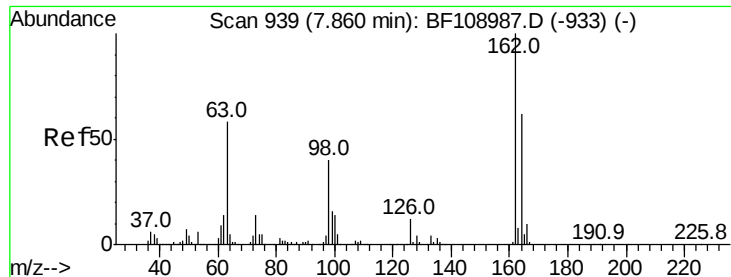


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

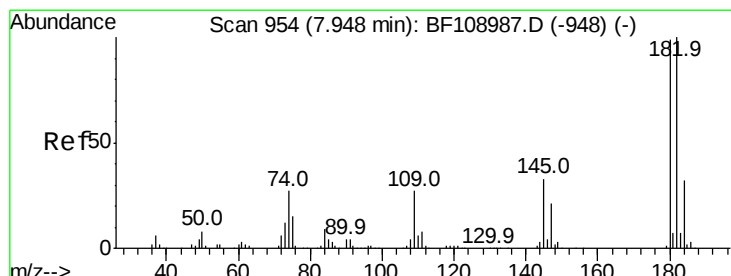
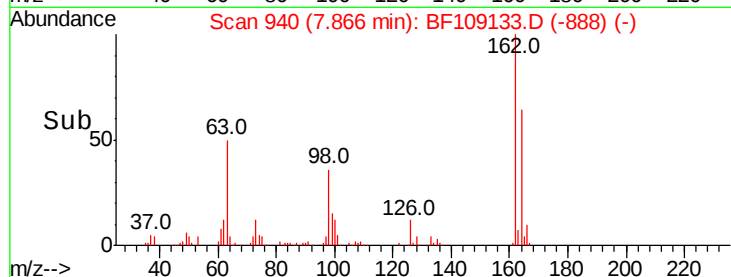
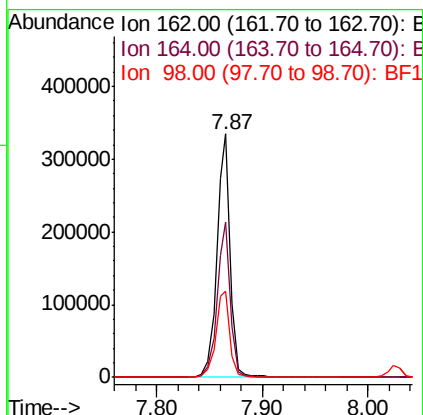
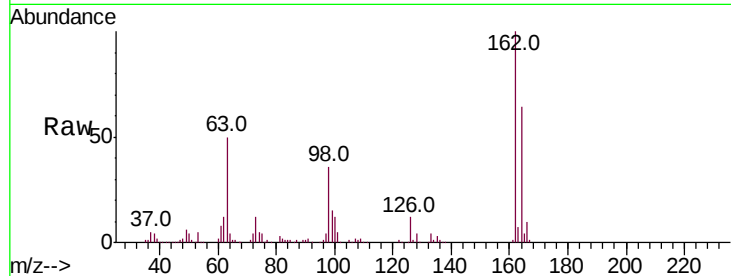




#29
 2,4-Dichlorophenol
 Concen: 45.283 ng
 RT: 7.87 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

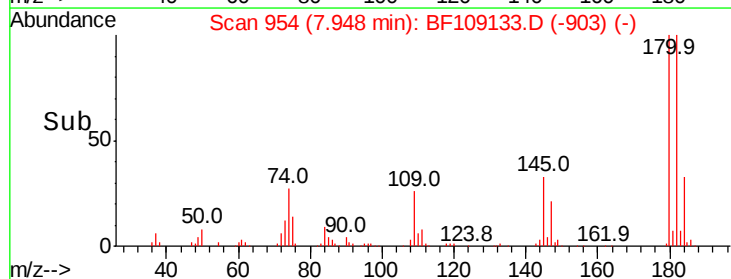
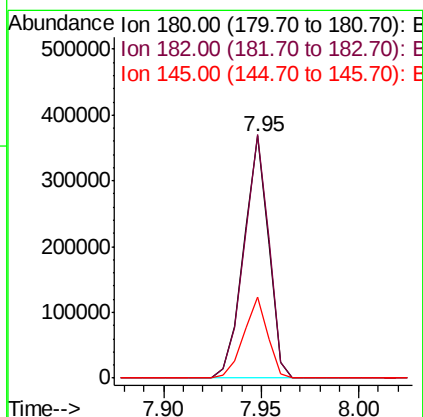
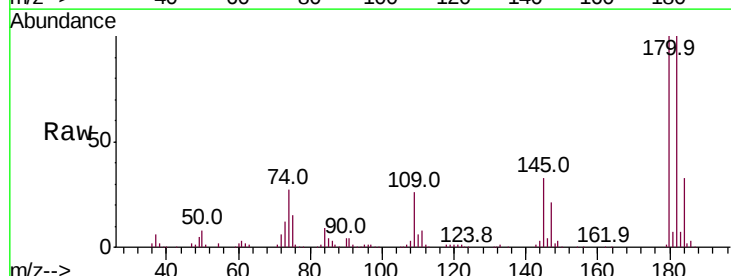
Instrument :
 BNA_F
 ClientSampled :

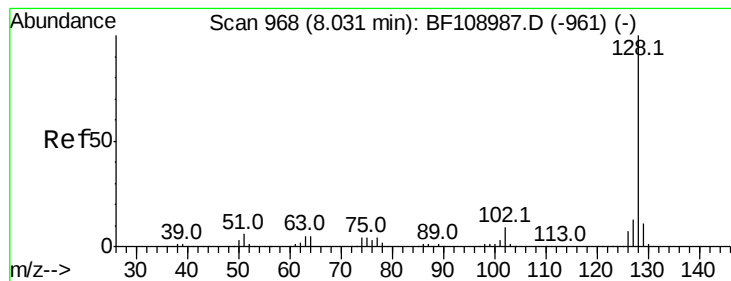
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	35.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.433 ng
 RT: 7.95 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	76.8	115.2
145	33.2	26.5	39.7





#31

Naphthalene

Concen: 48.738 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

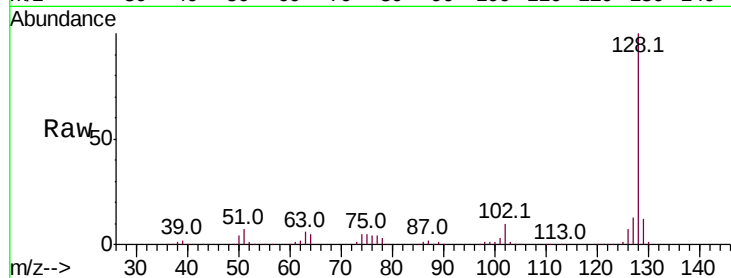
Tot Ion:128 Resp: 1044074

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

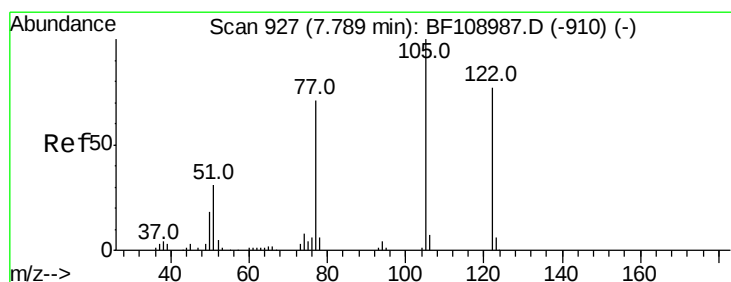
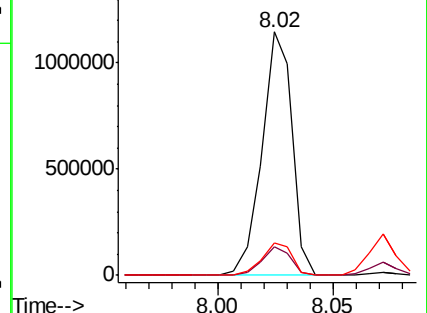
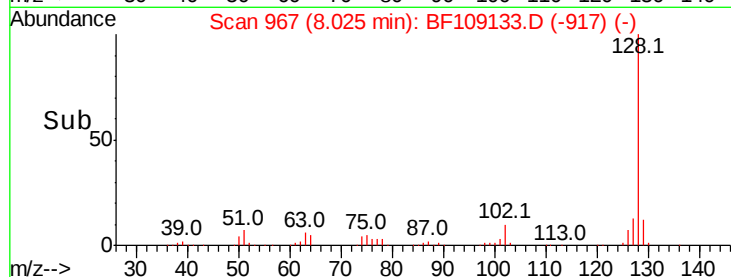
127 13.4 10.9 16.3



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: 19.500 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

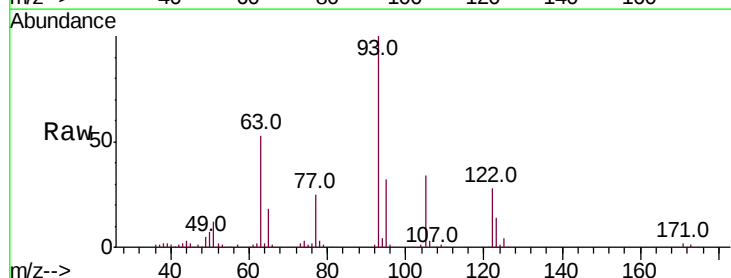
Tgt Ion:122 Resp: 79181

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

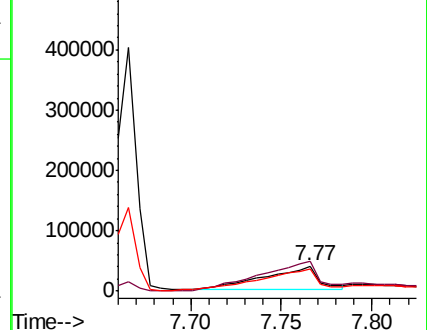
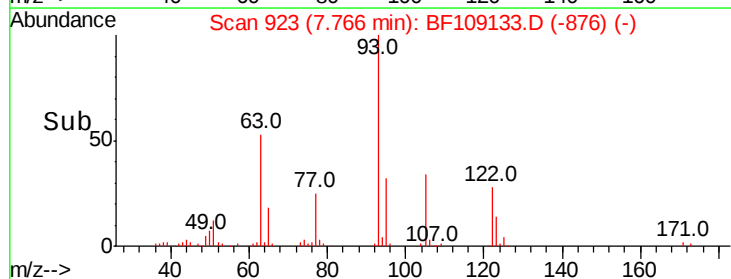
77 89.0 70.7 110.7

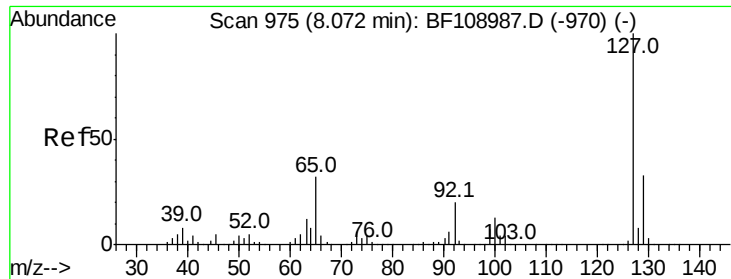


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

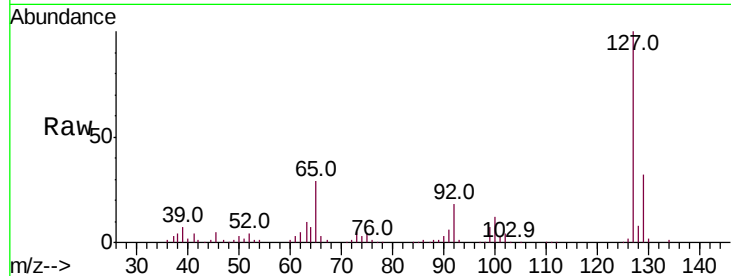




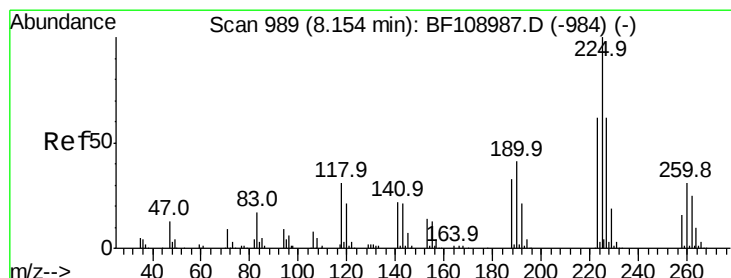
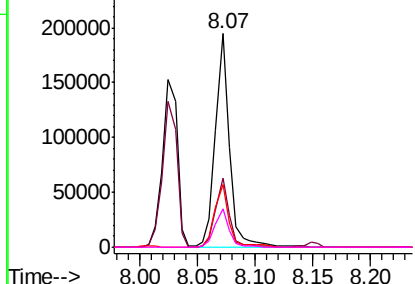
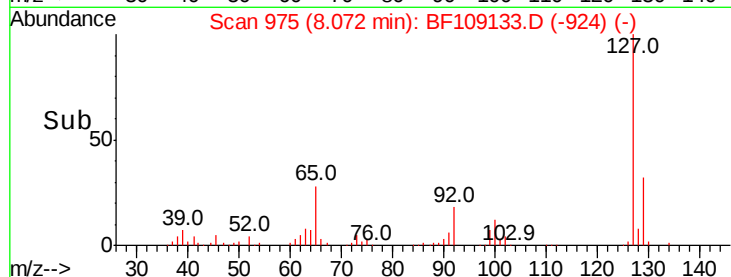
#33
4-Chloroaniline
Concen: 17.449 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	166196
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	29.2	25.0	37.4
92	18.1	15.2	22.8

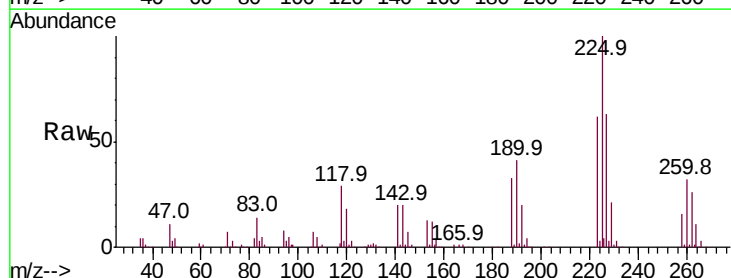


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

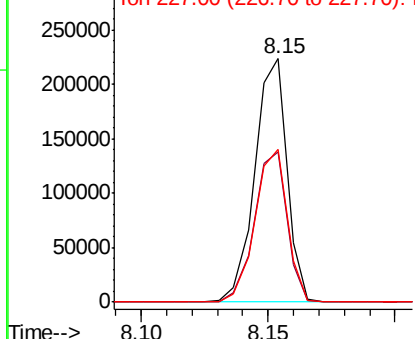
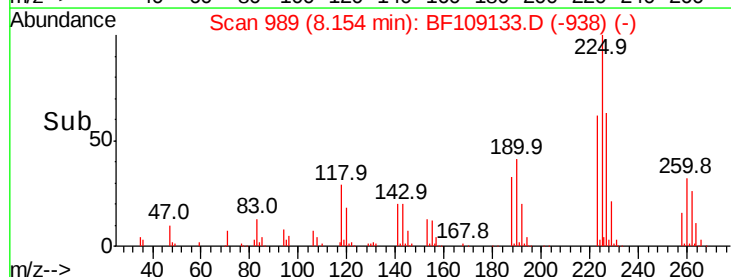


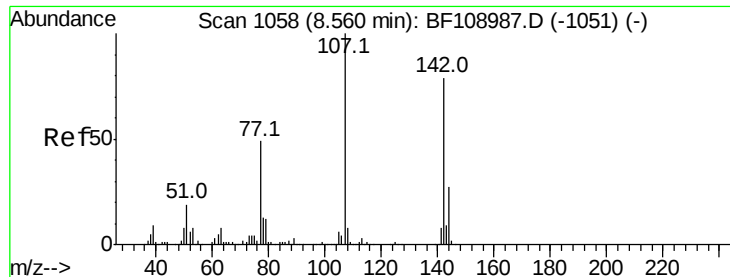
#34
Hexachlorobutadiene
Concen: 45.572 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:	225	Resp:	199156
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	62.9	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

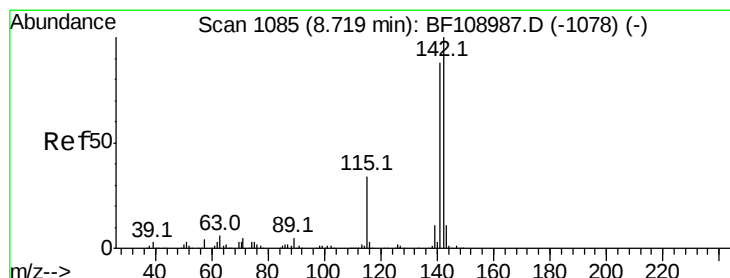
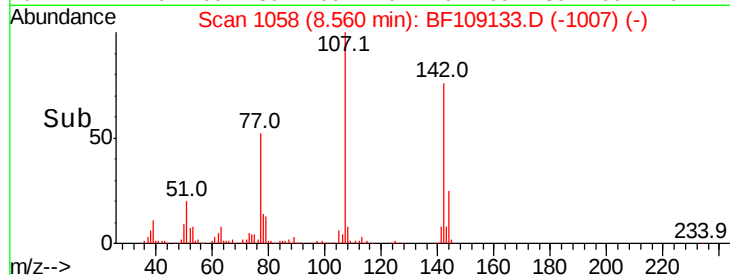
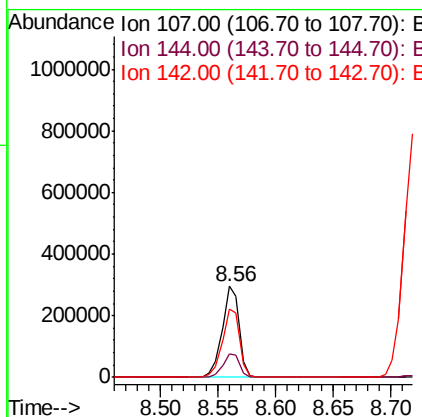
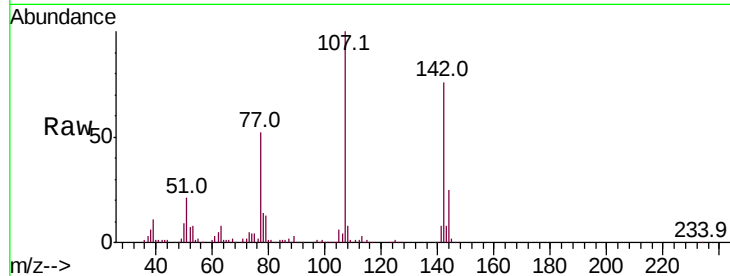




#36
 4-Chloro-3-methylphenol
 Concen: 43.273 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

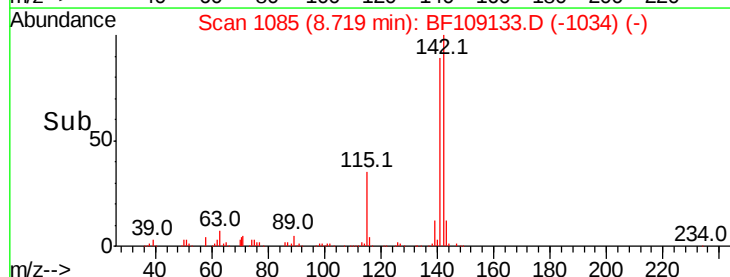
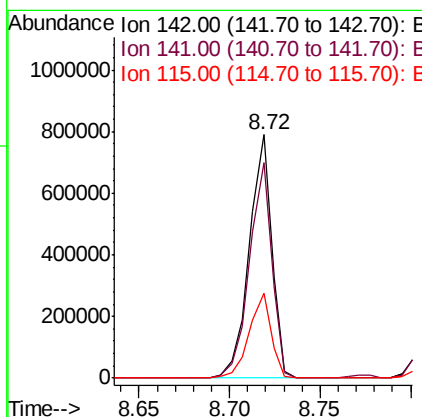
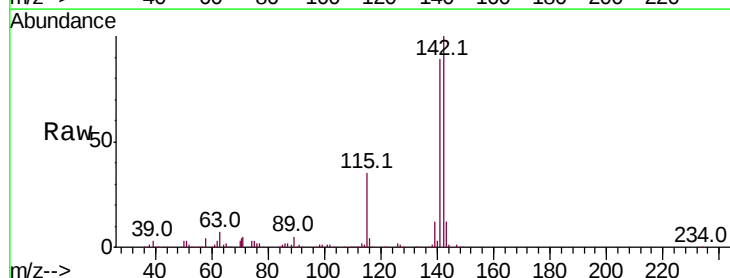
Instrument :
 BNA_F
 ClientSampled :

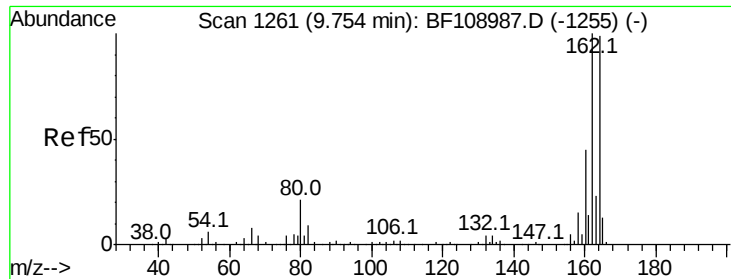
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	75.7	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 49.066 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.7	26.1	39.1

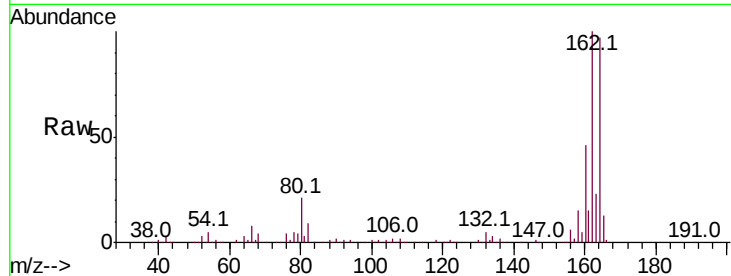




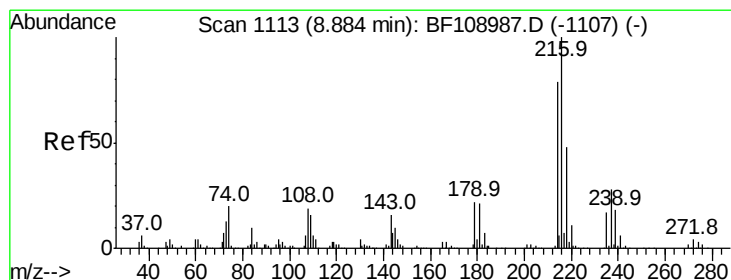
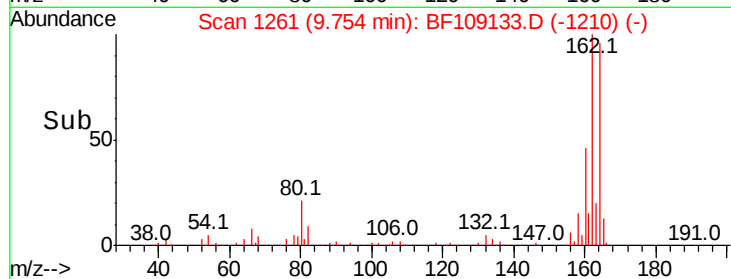
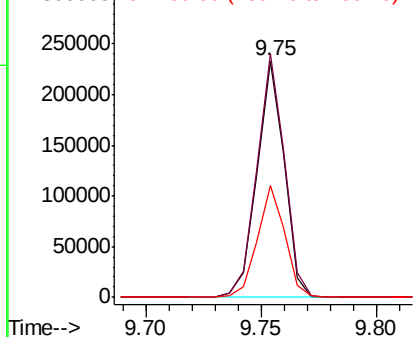
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.1	38.3	57.5



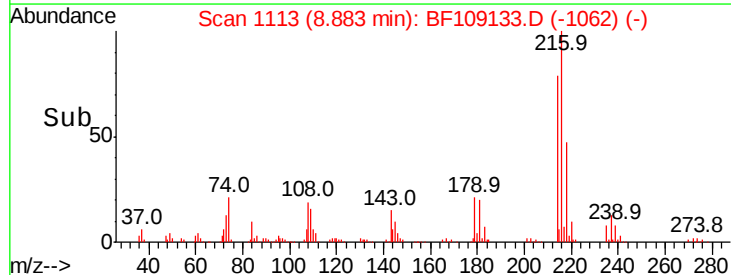
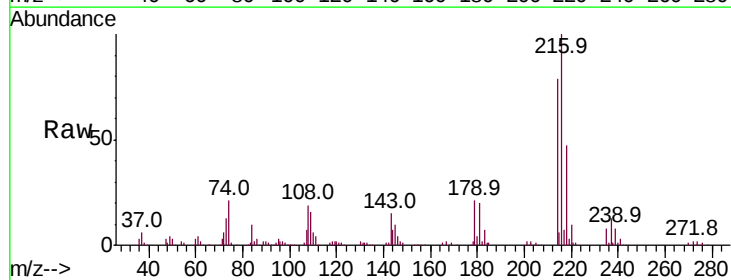
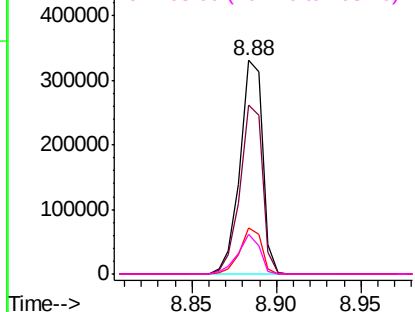
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

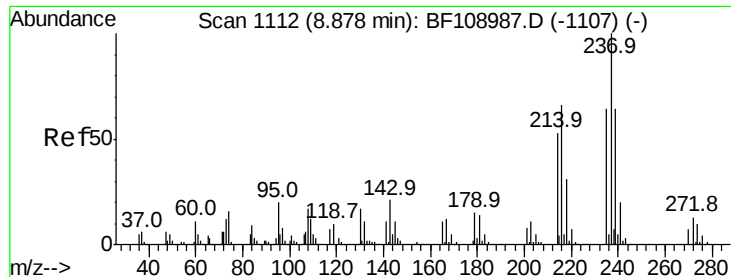


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.166 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.7	18.1	27.1
108	18.1	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

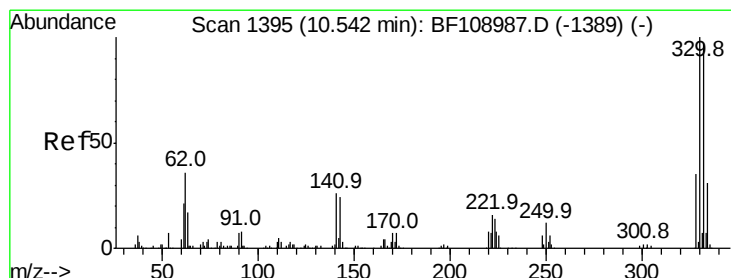
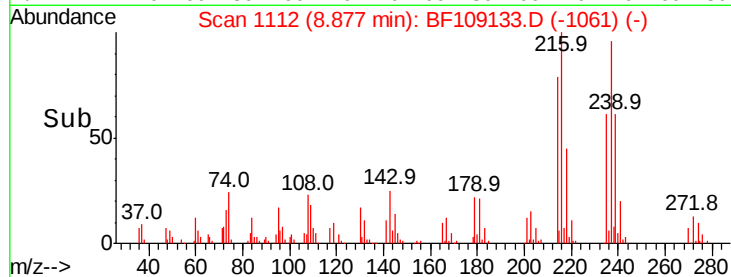
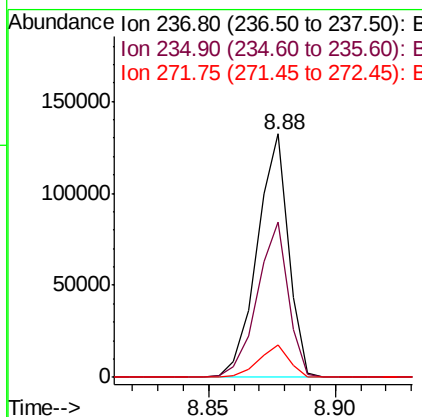
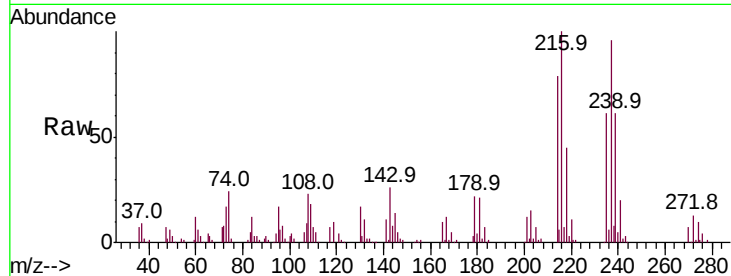




#40
 Hexachlorocyclopentadiene
 Concen: 37.402 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

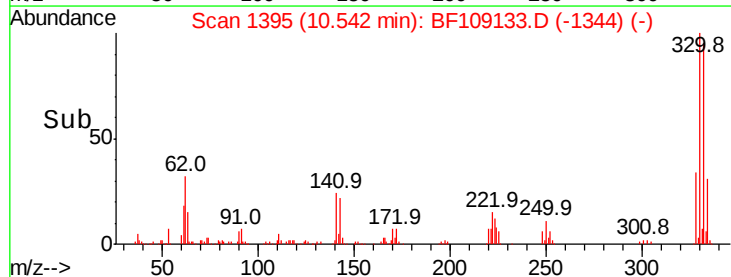
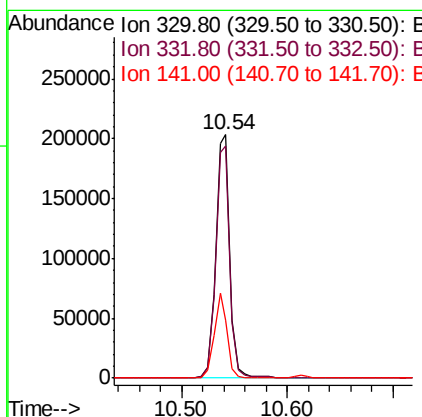
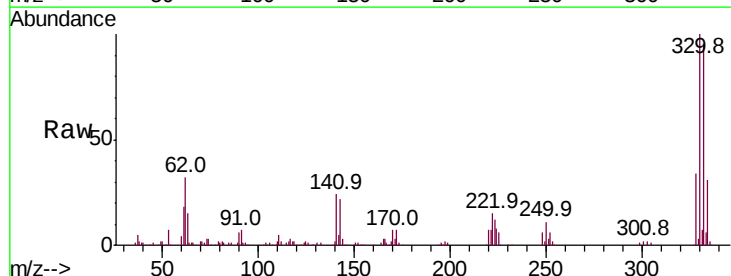
Instrument :
 BNA_F
 ClientSampleId :

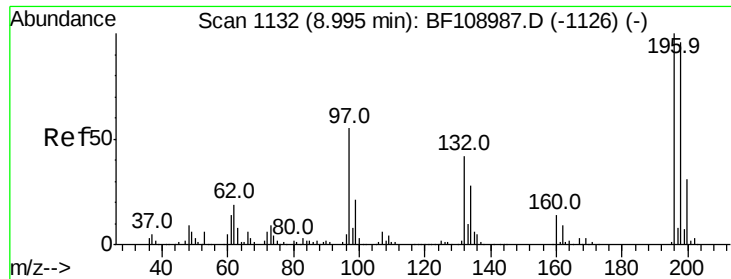
Tot Ion:	237	Resp:	113947
Ion Ratio	Lower	Upper	
237	100		
235	63.6	44.8	84.8
272	13.2	0.0	33.3



#41
 2,4,6-Tribromophenol
 Concen: 92.907 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:	330	Resp:	193707
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	31.4	29.9	44.9

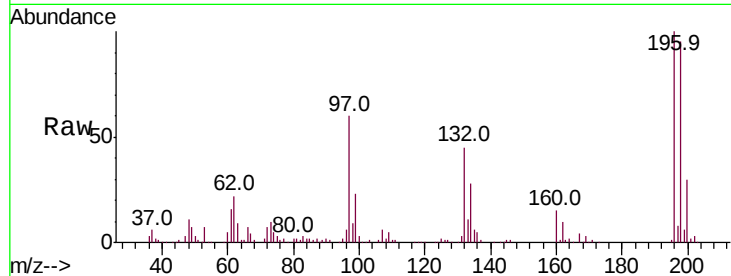




#42
 2,4,6-Trichlorophenol
 Concen: 48.093 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
200	30.0	24.5	36.7

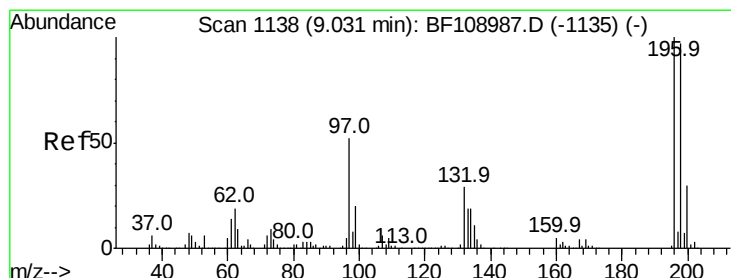
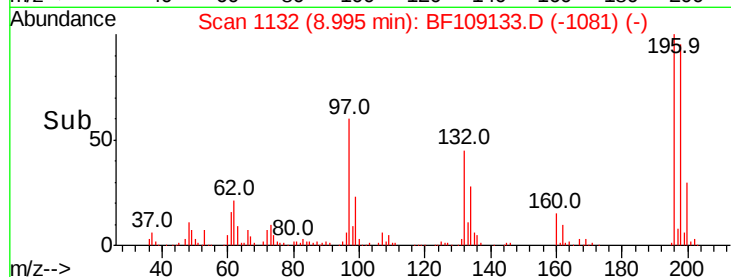
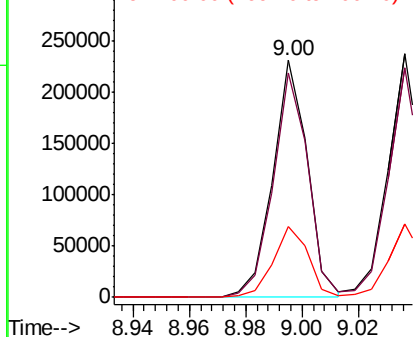


Abundance

Ion 196.00 (195.70 to 196.70): E

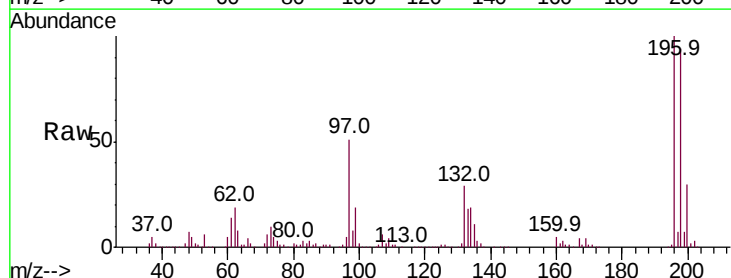
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 47.728 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	51.0	42.9	64.3
132	29.2	26.3	39.5



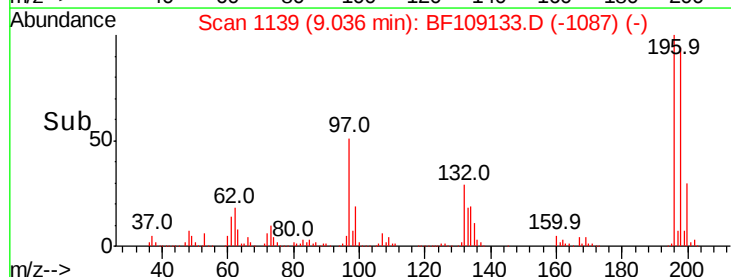
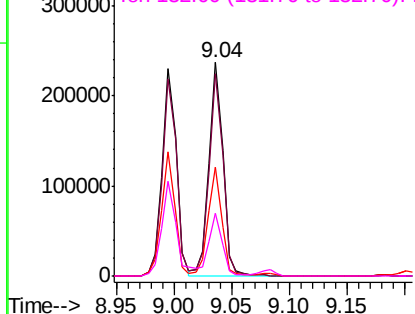
Abundance

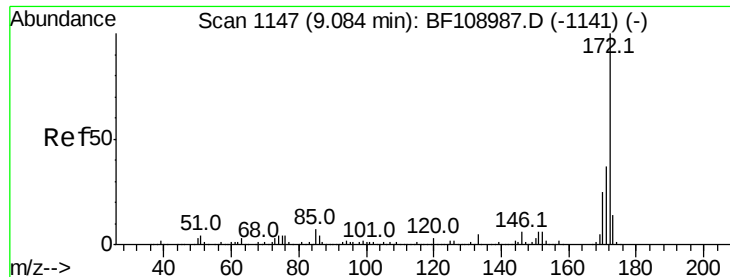
Ion 196.00 (195.70 to 196.70): E

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



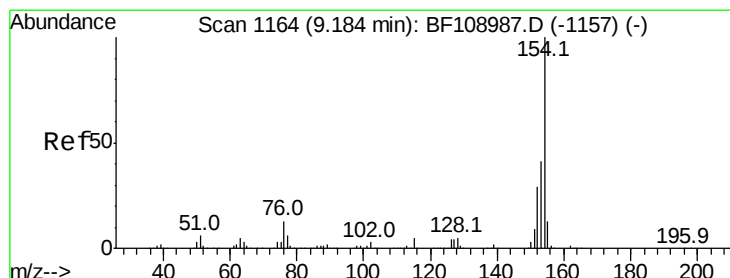
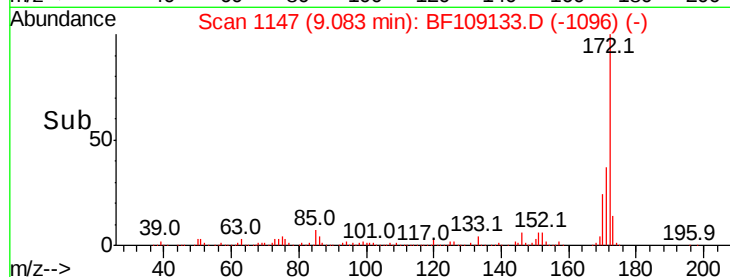
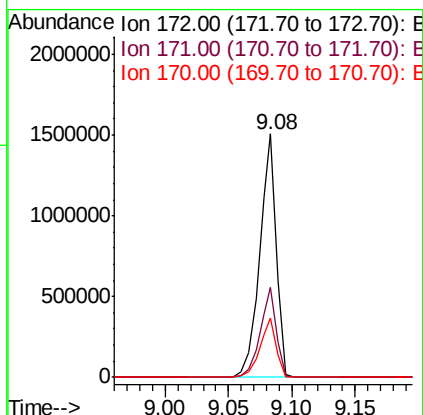
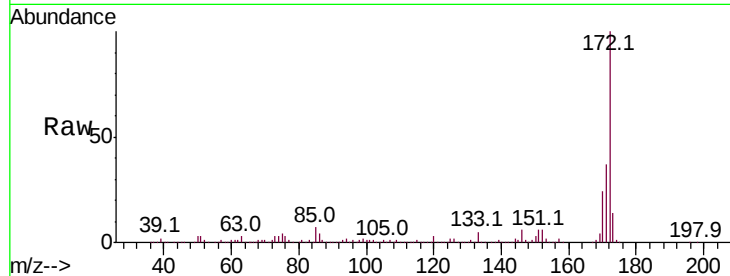


#44
 2-Fluorobiphenyl
 Concen: 112.738 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1382408

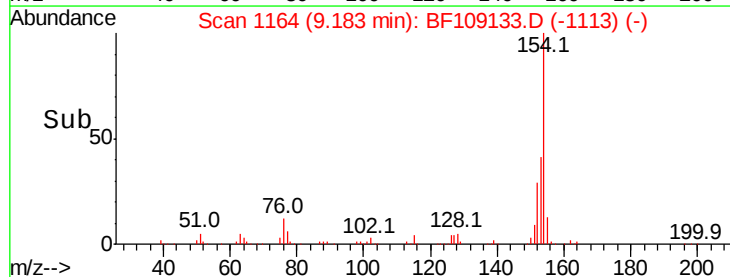
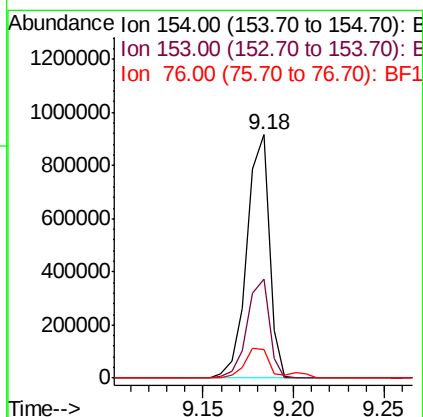
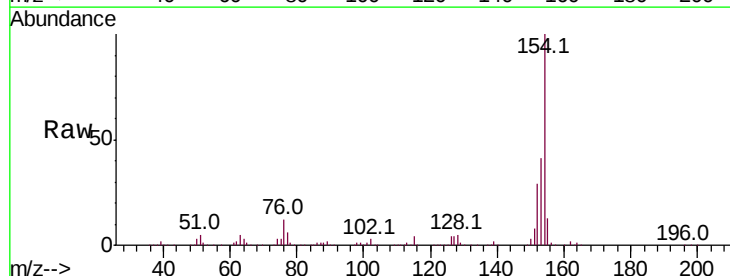
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4

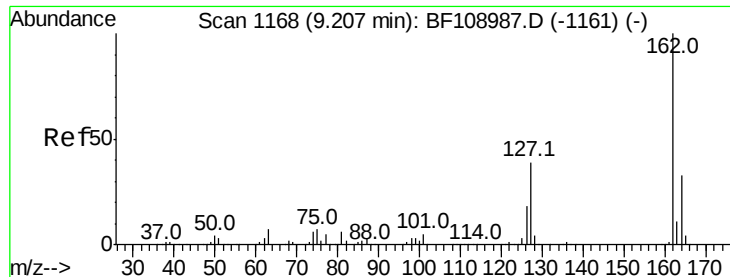


#45
 1,1'-Biphenyl
 Concen: 51.329 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:154 Resp: 788923

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.8	0.0	34.0

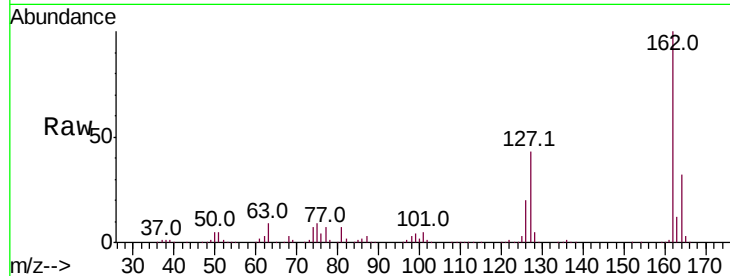




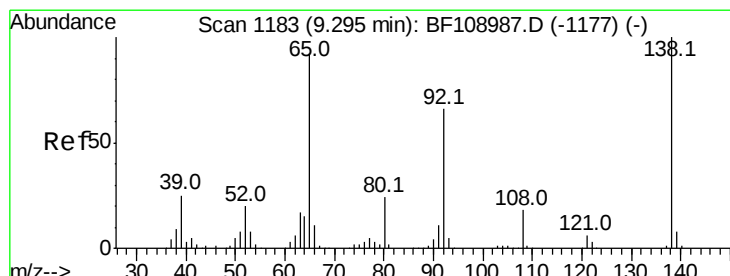
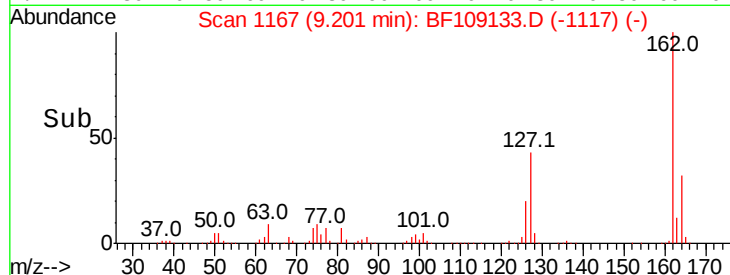
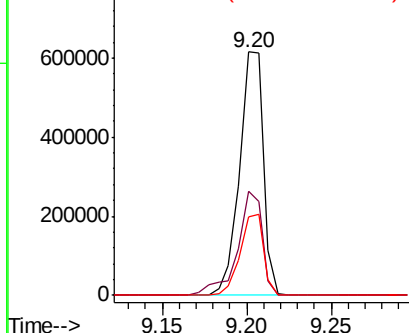
#46
 2-Chloronaphthalene
 Concen: 49.319 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 607071
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.9 50.9
 164 32.2 26.5 39.7

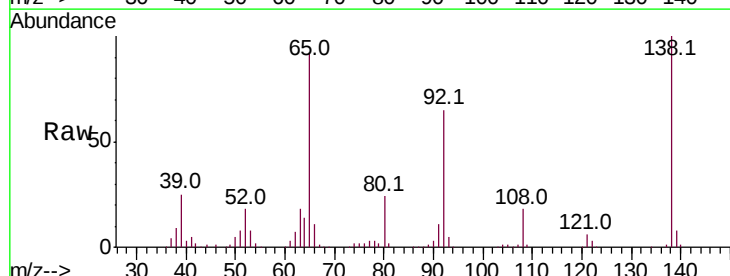


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

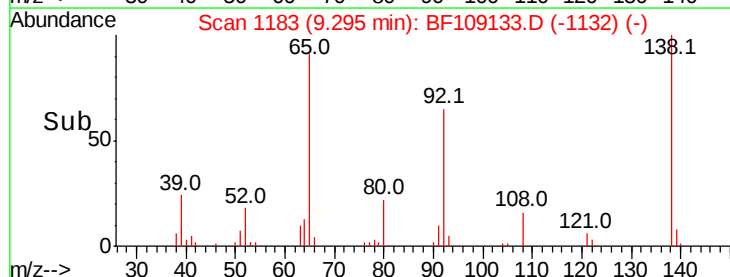
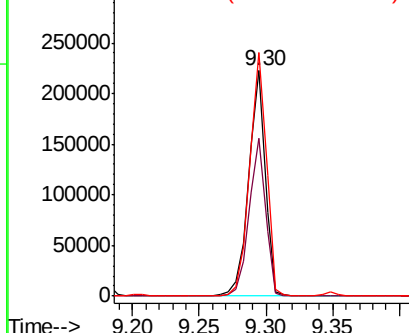


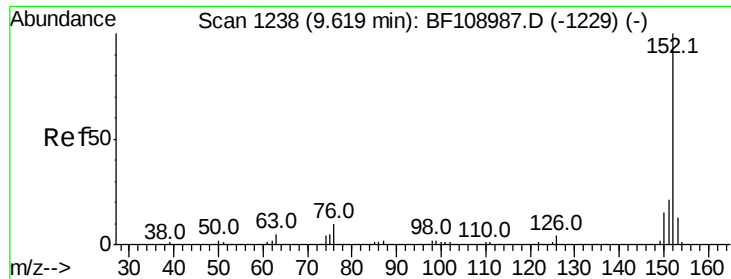
#47
 2-Nitroaniline
 Concen: 49.999 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion: 65 Resp: 189204
 Ion Ratio Lower Upper
 65 100
 92 70.3 55.8 83.6
 138 108.1 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: 50.916 ng

RT: 9.62 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

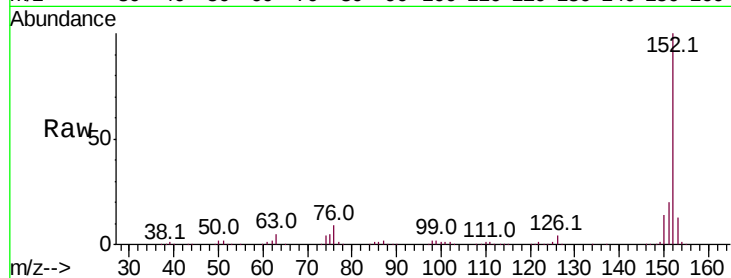
Tot Ion:152 Resp: 944938

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

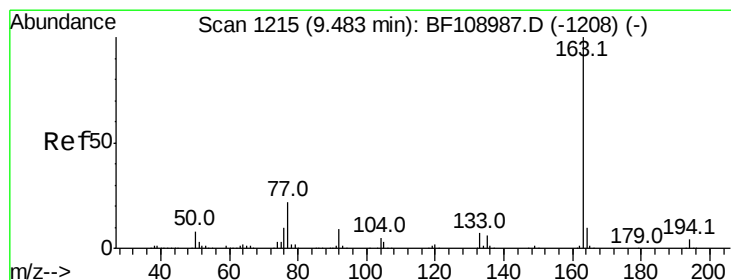
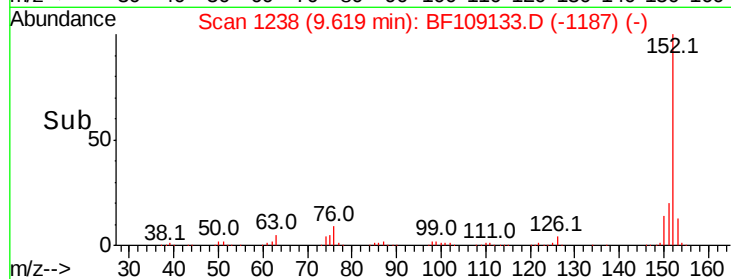
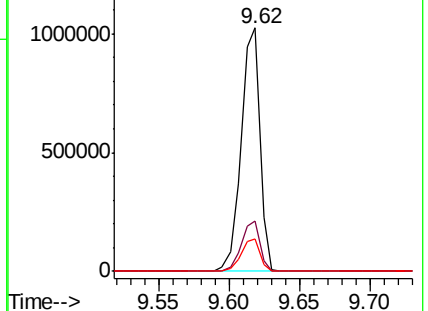
153 13.2 10.7 16.1



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: 52.486 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

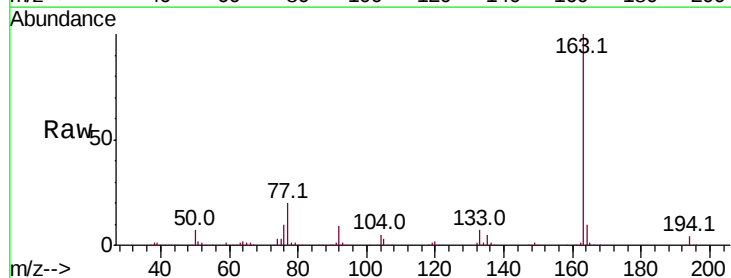
Tgt Ion:163 Resp: 720693

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

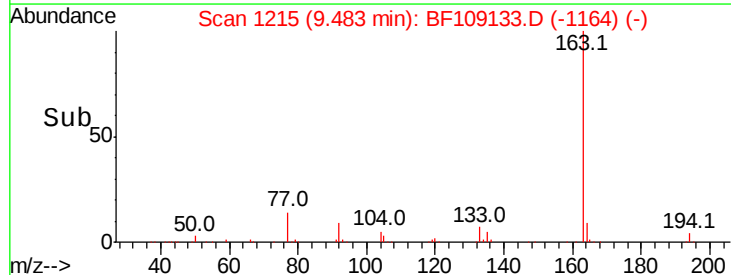
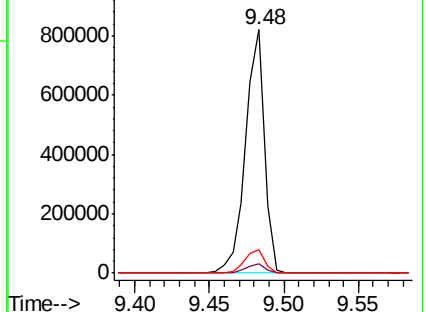
164 9.7 8.2 12.2

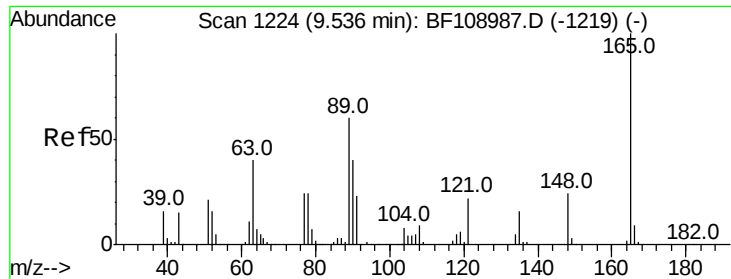


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

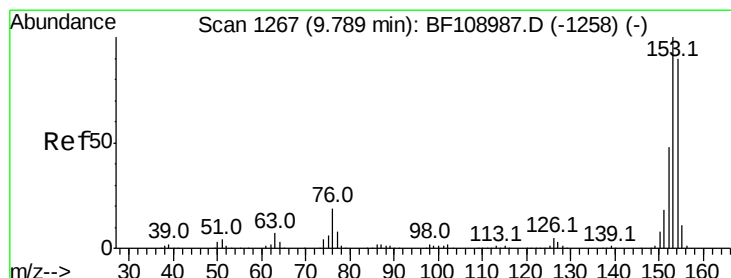
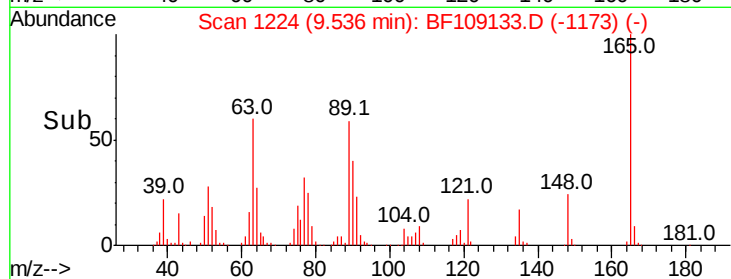
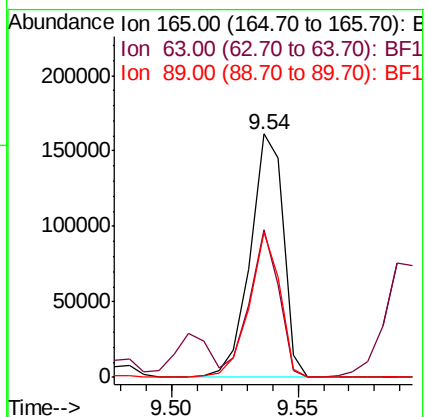
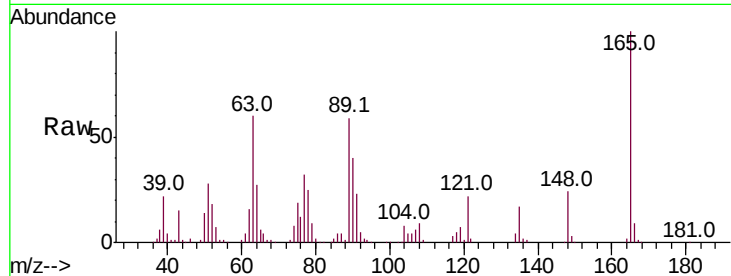




#50
2,6-Dinitrotoluene
Concen: 48.172 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

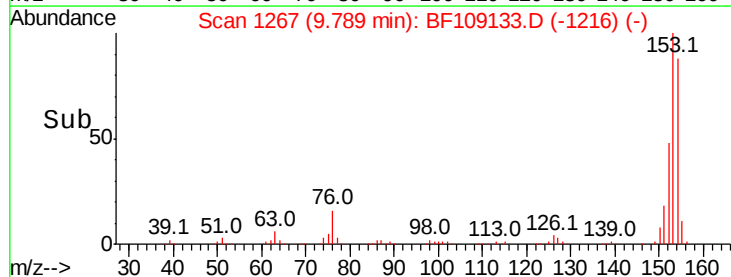
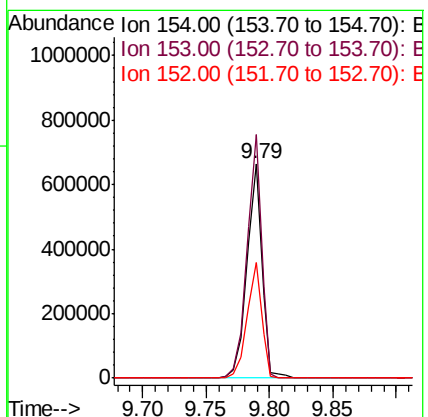
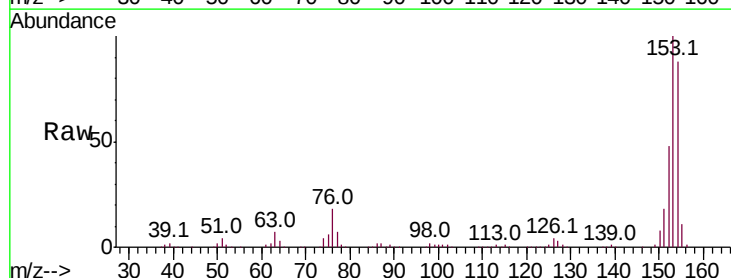
Instrument :
BNA_F
ClientSampleId :

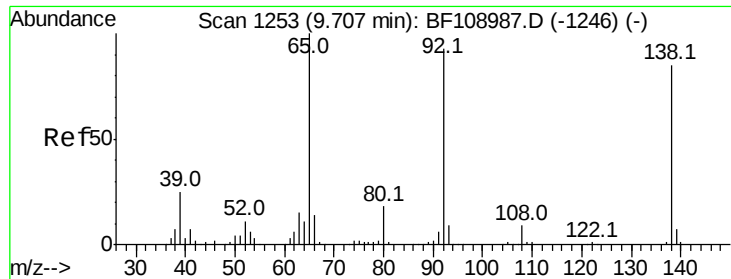
Tot Ion:165 Resp: 146688
Ion Ratio Lower Upper
165 100
63 60.4 44.7 67.1
89 59.4 44.0 66.0



#51
Acenaphthene
Concen: 47.215 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:154 Resp: 545637
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 54.1 43.8 65.8

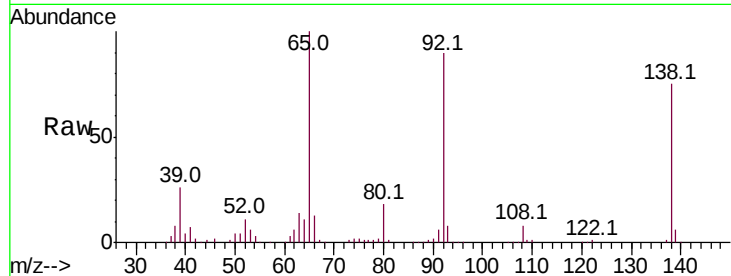




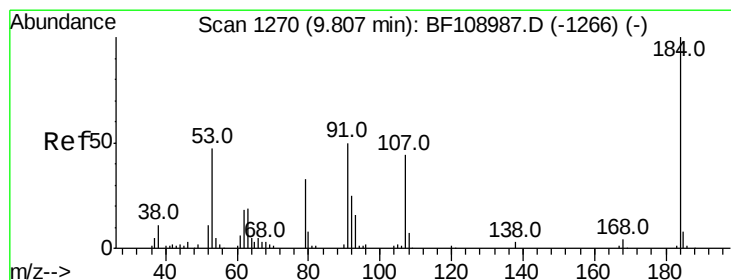
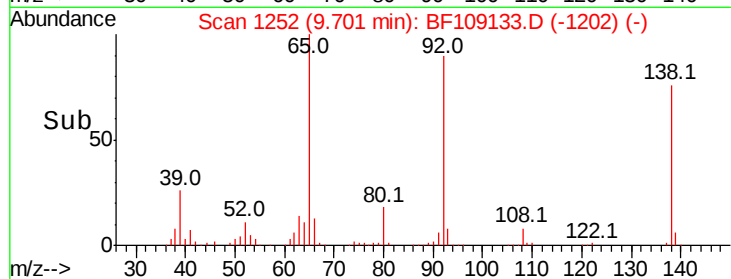
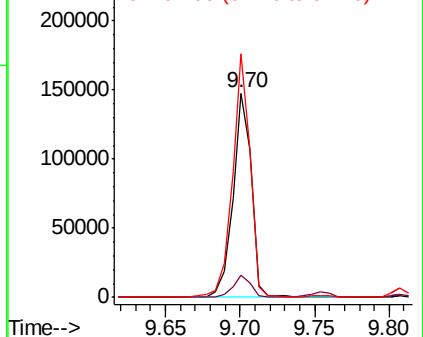
#52
3-Nitroaniline
Concen: 35.705 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 128027
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 119.3 89.4 134.2

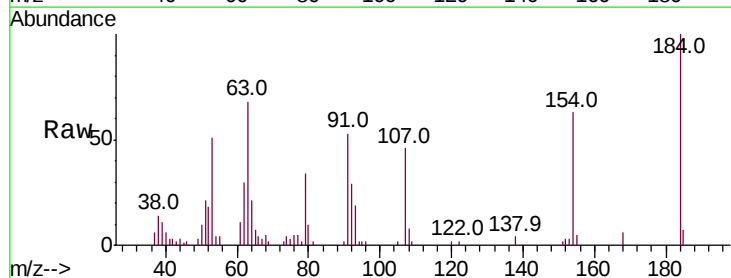


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

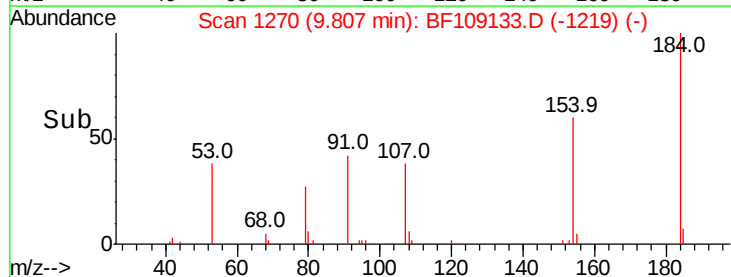
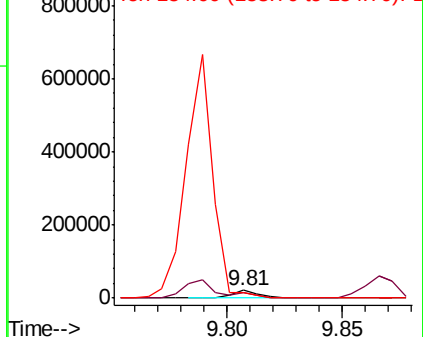


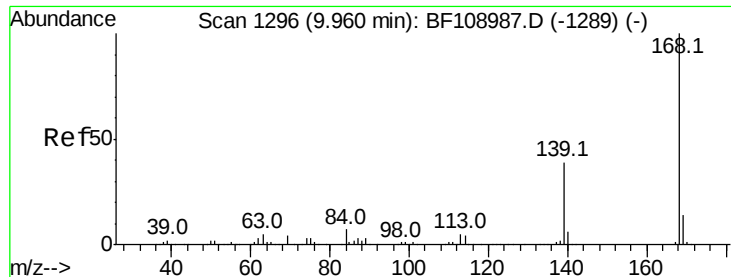
#53
2,4-Dinitrophenol
Concen: 15.105 ng
RT: 9.81 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:184 Resp: 17727
Ion Ratio Lower Upper
184 100
63 67.6 54.2 81.2
154 62.6 184.0 276.0#



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

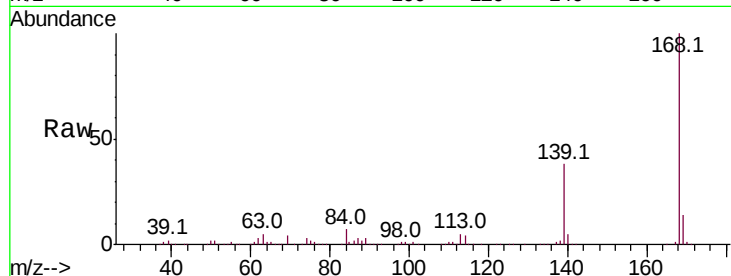




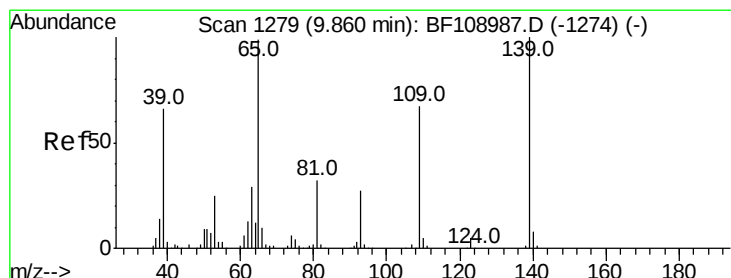
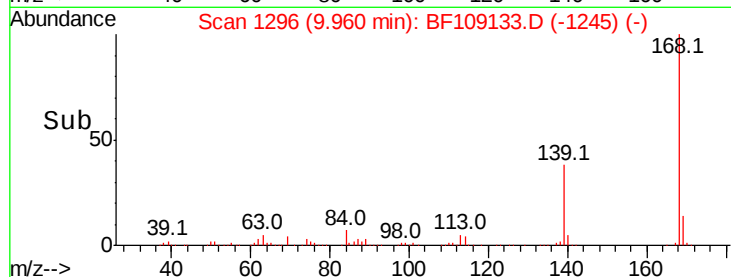
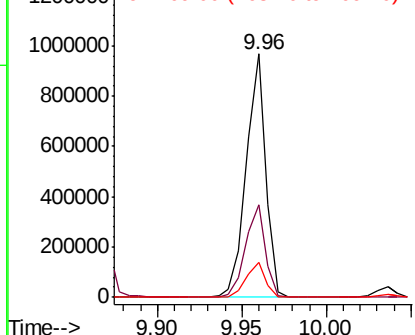
#54
Dibenzenofuran
Concen: 46.863 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 782604
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 14.3 10.9 16.3

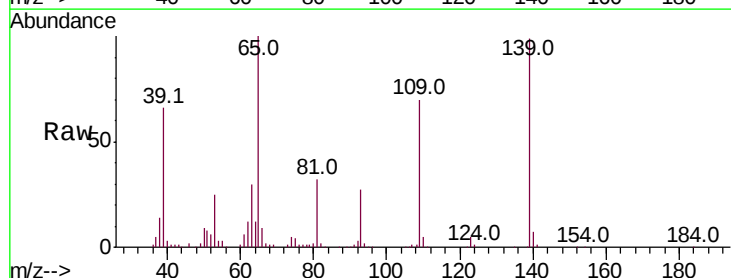


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

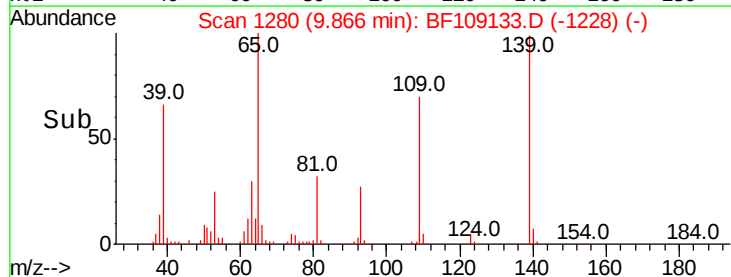
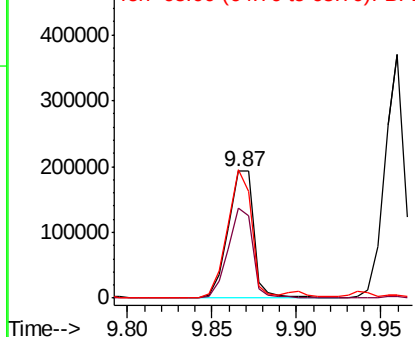


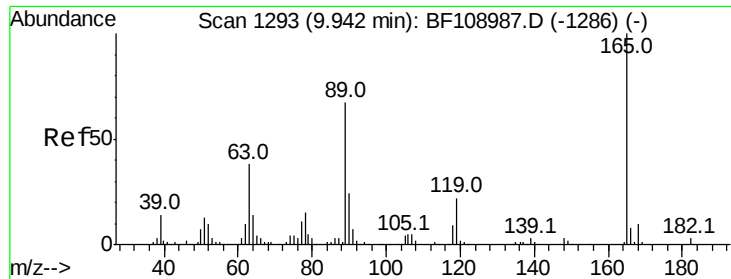
#55
4-Nitrophenol
Concen: 77.355 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:139 Resp: 204359
Ion Ratio Lower Upper
139 100
109 70.4 48.4 88.4
65 101.3 72.6 112.6



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





#56

2,4-Dinitrotoluene

Concen: 44.349 ng

RT: 9.94 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 176614

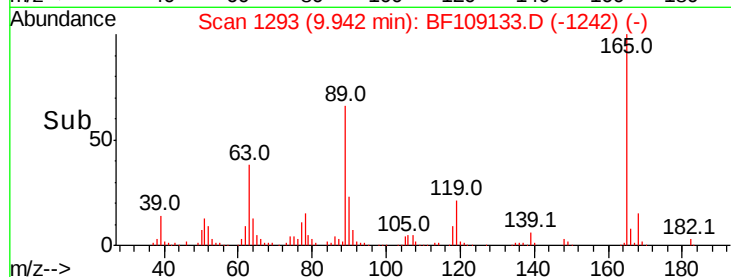
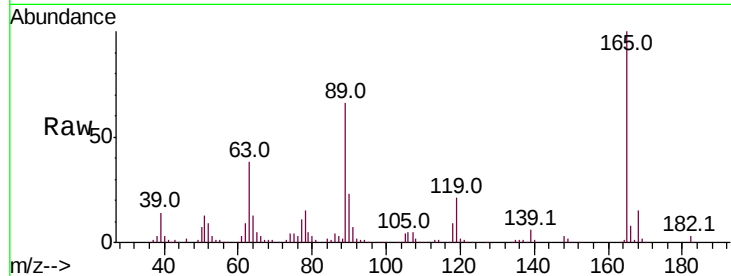
Ion Ratio Lower Upper

165 100

63 38.5 36.4 54.6

89 66.3 57.8 86.6

182 2.7 1.6 2.4#

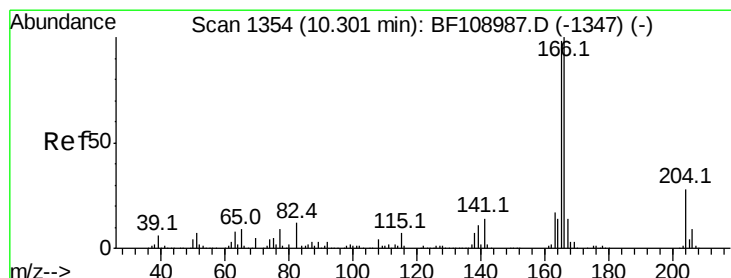
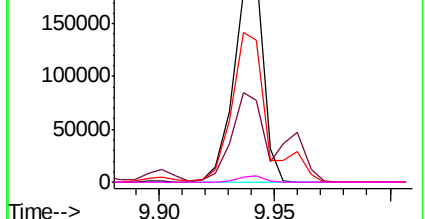


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 50.435 ng

RT: 10.30 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

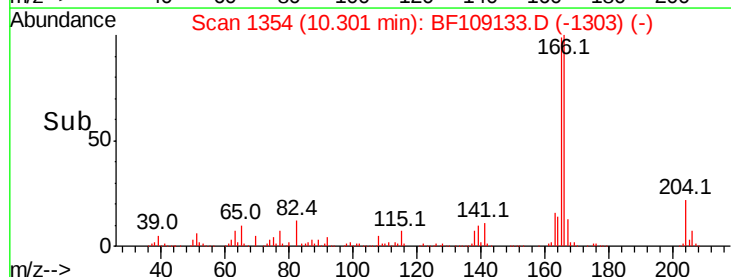
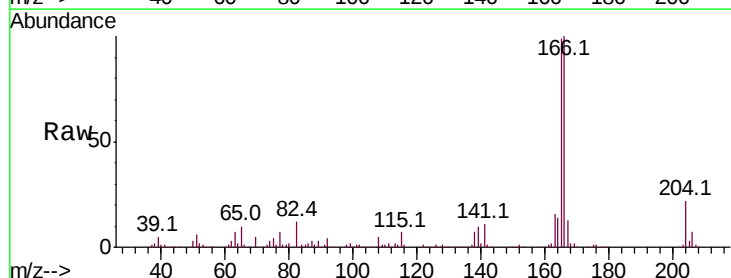
Tgt Ion:166 Resp: 561289

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

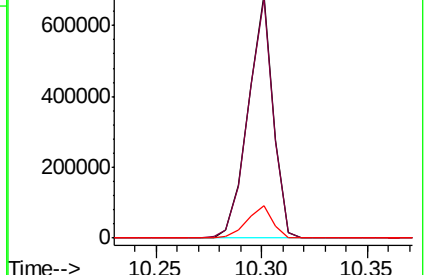
167 13.2 10.6 16.0

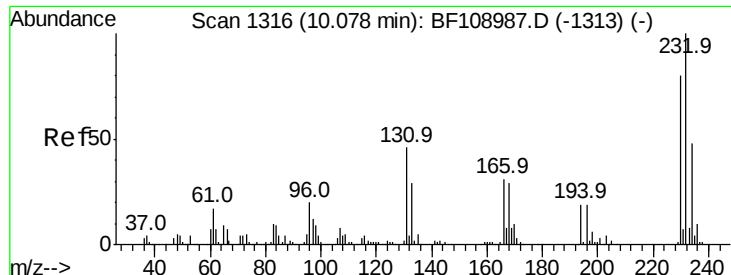


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

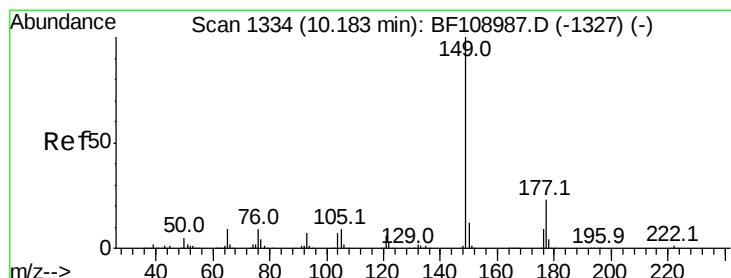
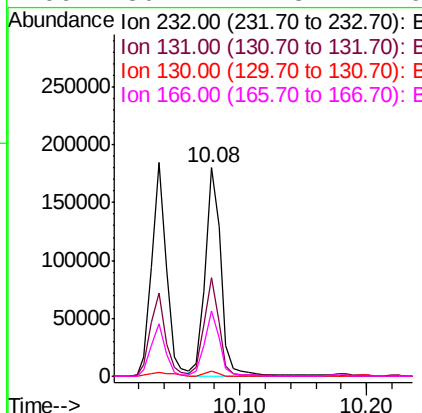
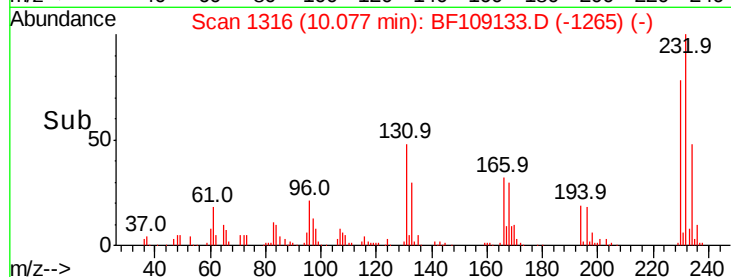
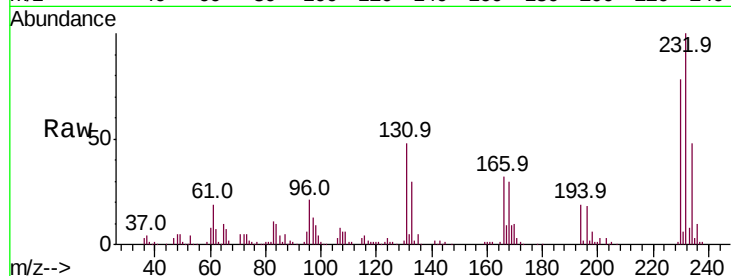




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.465 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

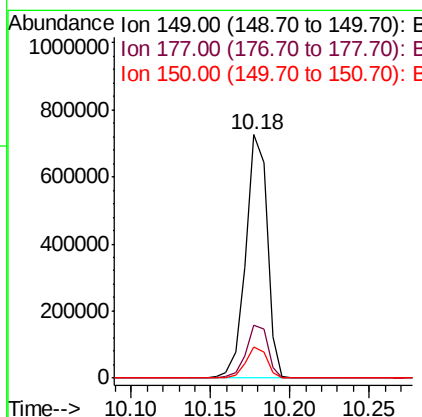
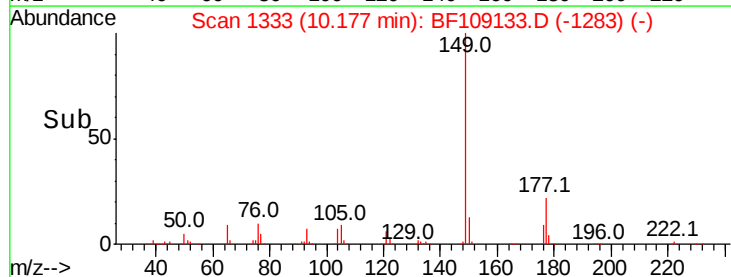
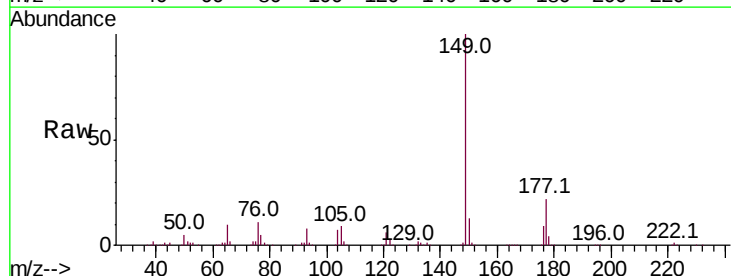
Instrument :
 BNA_F
 ClientSampleId :

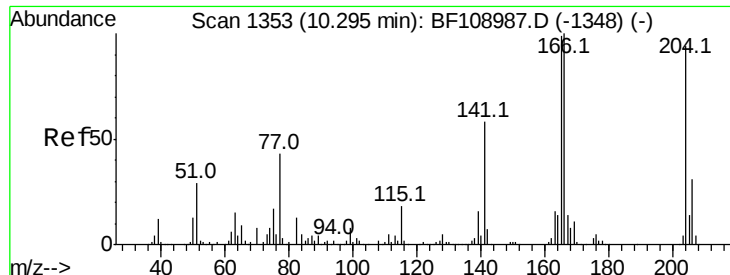
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	43.8	65.8
130	2.2	2.1	3.1
166	30.1	27.8	41.6



#59
 Diethylphthalate
 Concen: 49.086 ng
 RT: 10.18 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.8	10.1	15.1

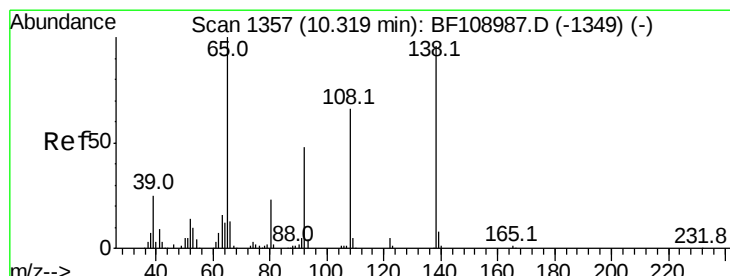
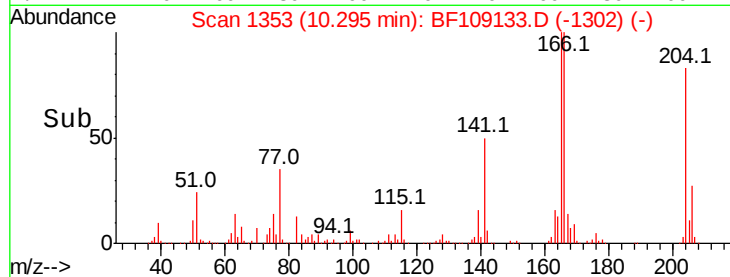
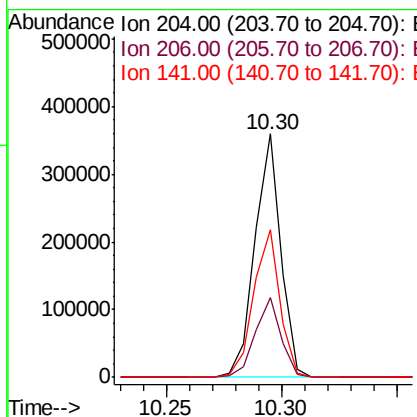
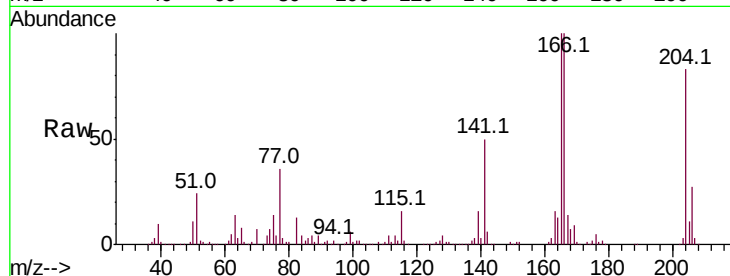




#60
 4-Chlorophenyl-phenylether
 Concen: 47.408 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

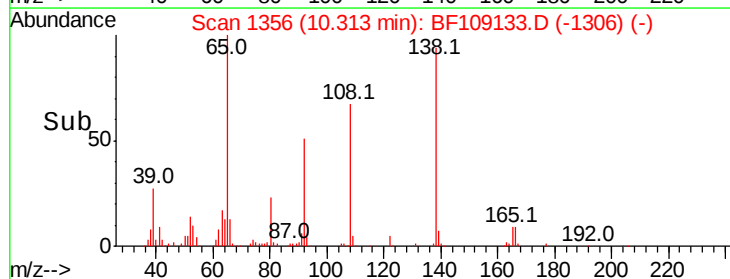
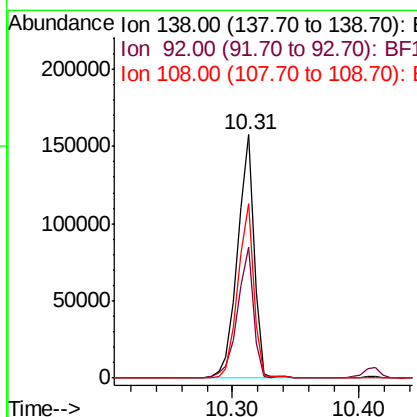
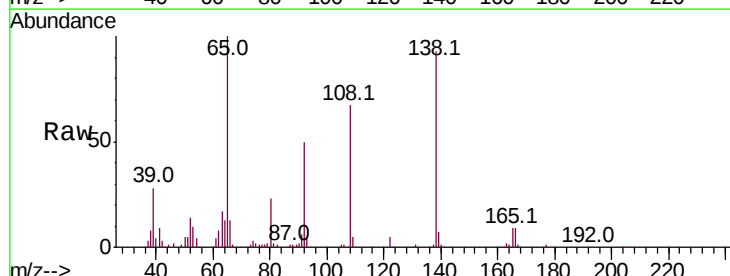
Instrument :
 BNA_F
 ClientSampled :

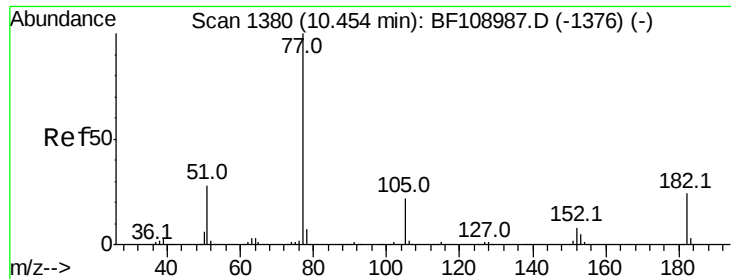
Tot Ion:	204	Resp:	282510
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	60.5	54.6	81.8



#61
 4-Nitroaniline
 Concen: 41.497 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:	138	Resp:	141365
Ion	Ratio	Lower	Upper
138	100		
92	54.0	30.2	70.2
108	71.5	52.5	92.5





#62

Azobenzene

Concen: 44.980 ng

RT: 10.45 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

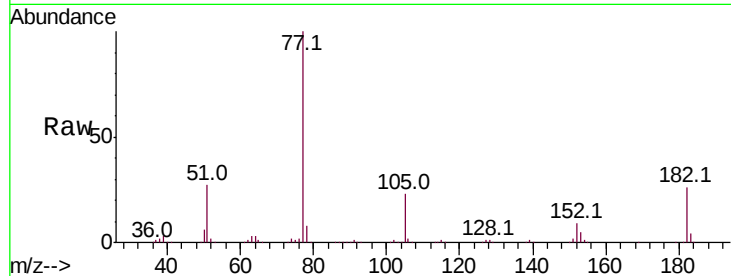
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 638437

Ion	Ratio	Lower	Upper
77	100		
182	26.2	1.7	41.7
105	22.8	3.0	43.0
51	27.4	9.9	49.9

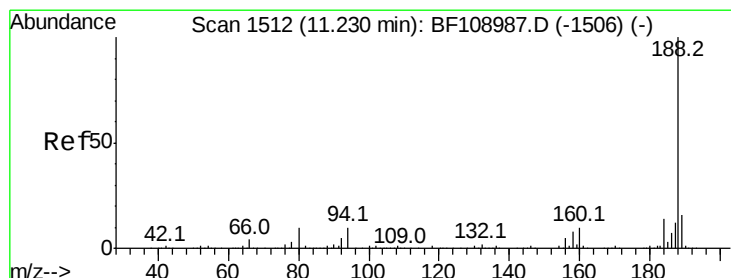
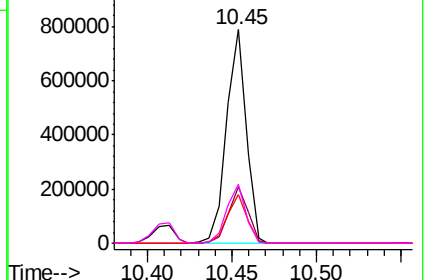
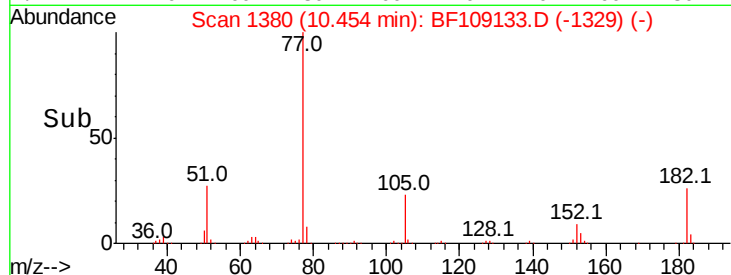


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

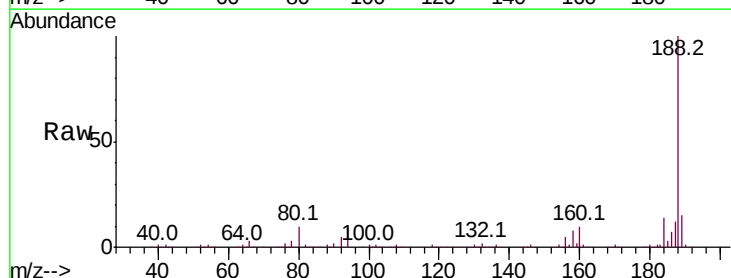
Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion: 188 Resp: 315857

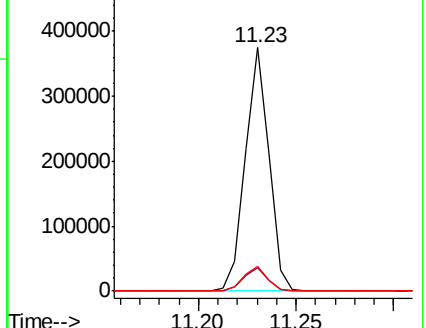
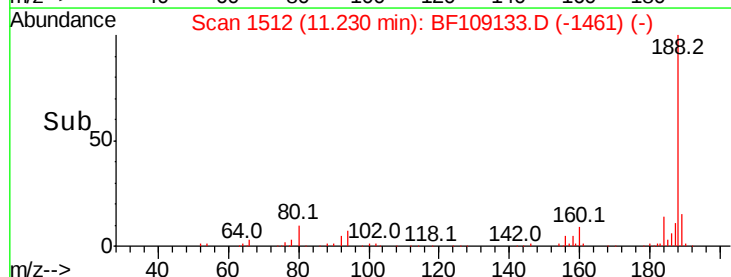
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.3	9.2	13.8

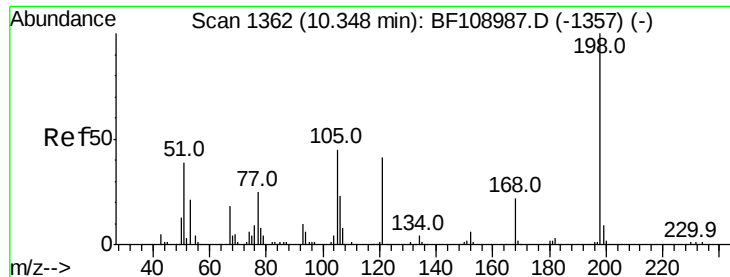


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

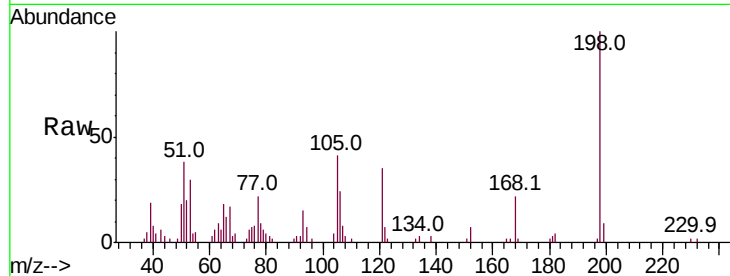




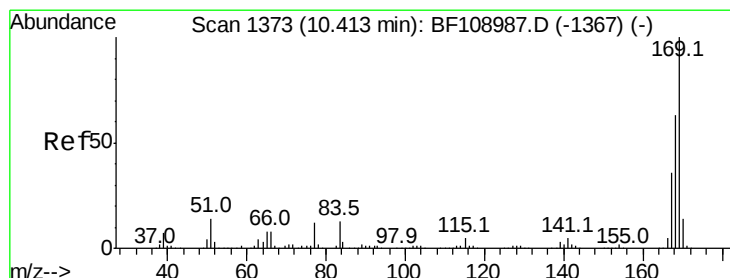
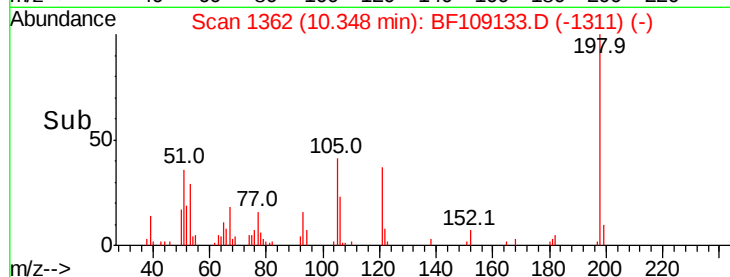
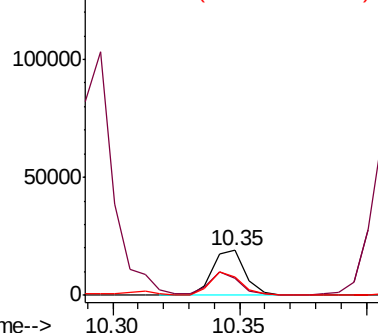
#64
4,6-Dinitro-2-methylphenol
Concen: 11.381 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	37.7	77.7
105	40.7	36.3	76.3

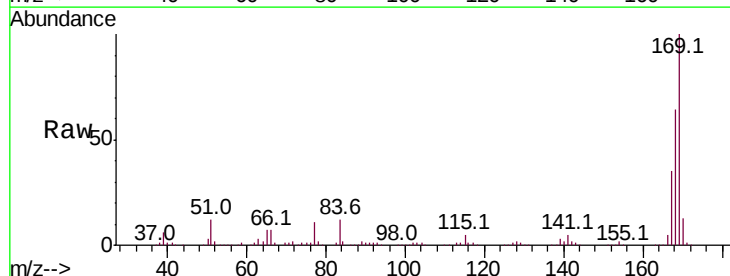


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

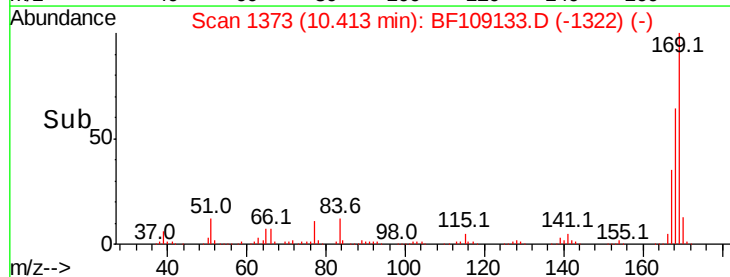
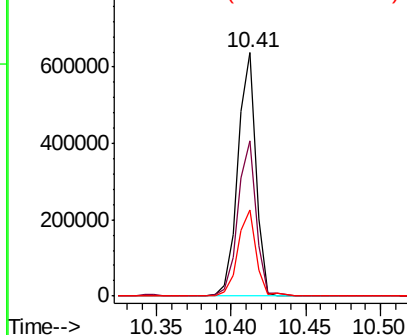


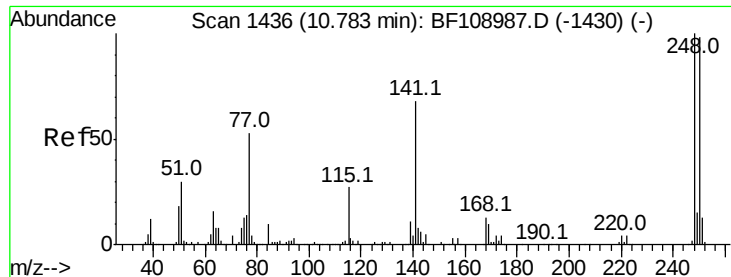
#65
n-Nitrosodiphenylamine
Concen: 52.400 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.3	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

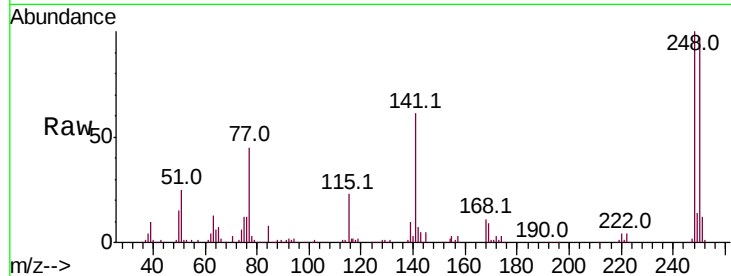




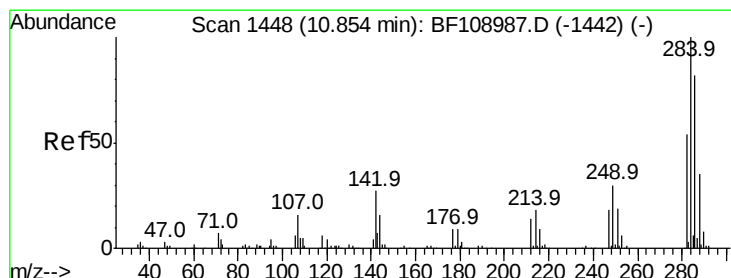
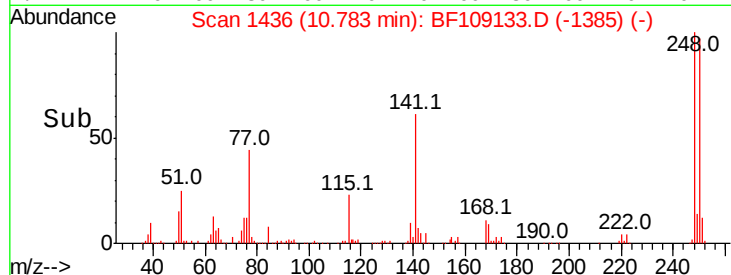
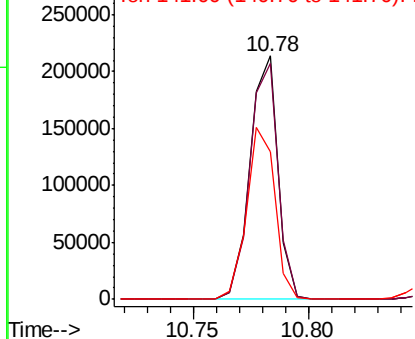
#66
4-Bromophenyl-phenylether
Concen: 50.875 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 181158
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 60.8 74.4 111.6#

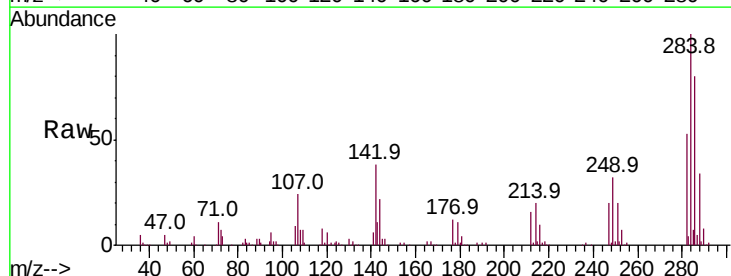


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

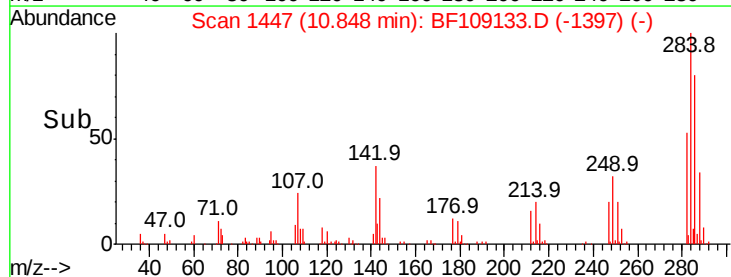
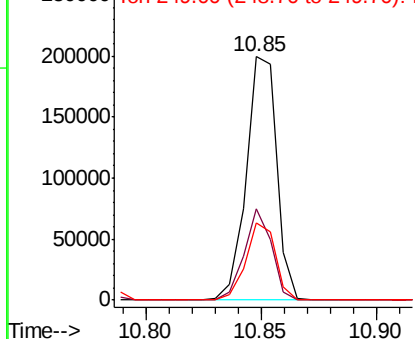


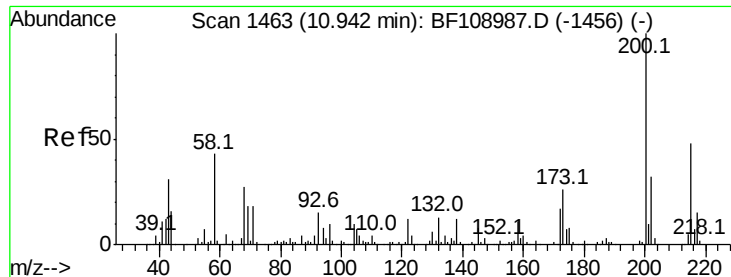
#67
Hexachlorobenzene
Concen: 48.507 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:284 Resp: 184754
Ion Ratio Lower Upper
284 100
142 37.5 34.6 52.0
249 31.9 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

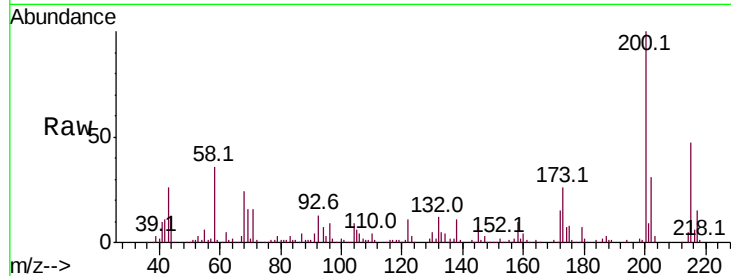




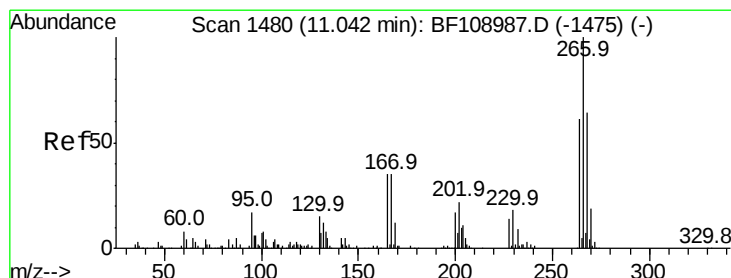
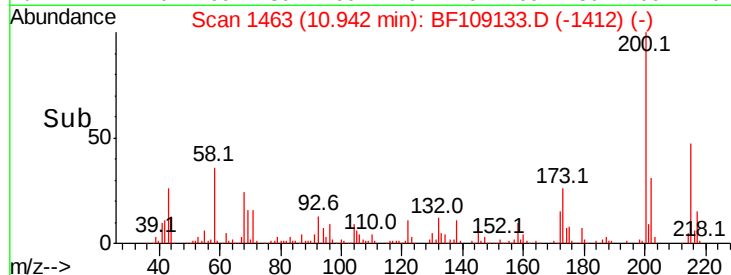
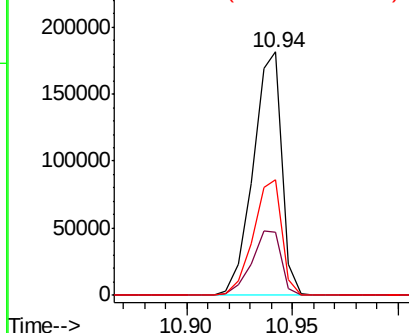
#68
Atrazine
Concen: 51.770 ng
RT: 10.94 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 171224
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 47.3 25.1 65.1

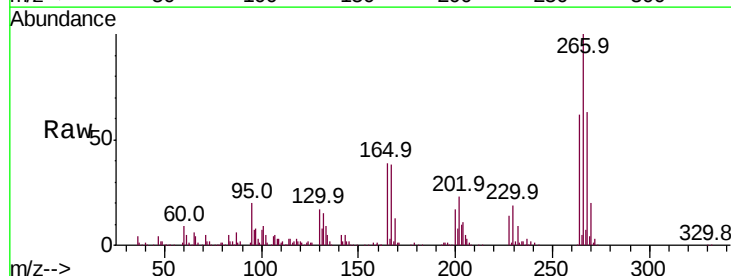


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

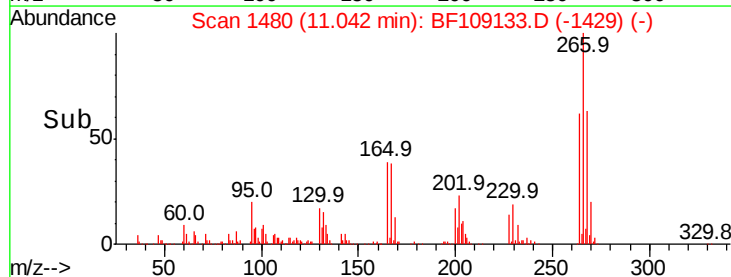
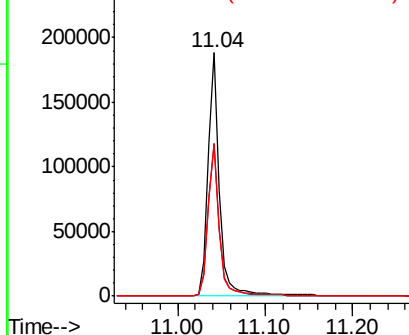


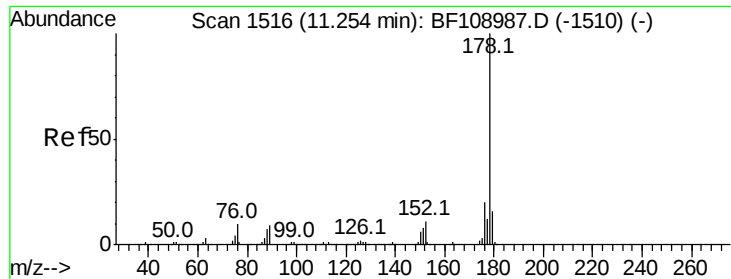
#69
Pentachlorophenol
Concen: 71.068 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:266 Resp: 173184
Ion Ratio Lower Upper
266 100
268 62.8 51.1 76.7
264 62.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

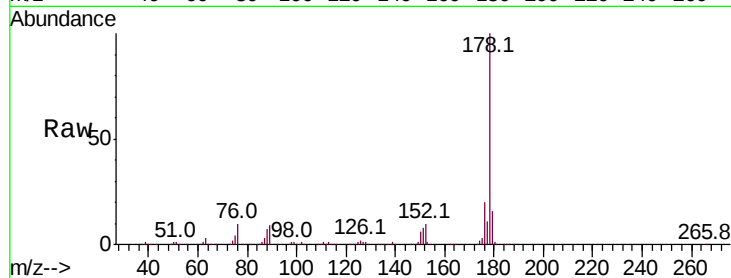




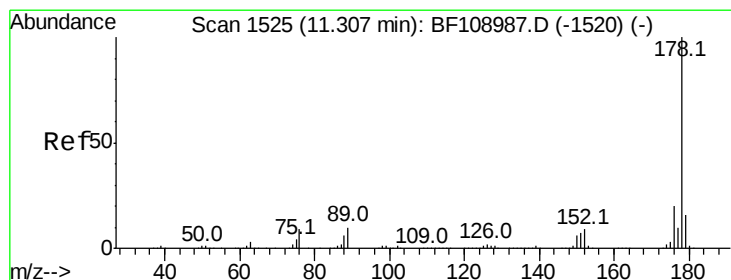
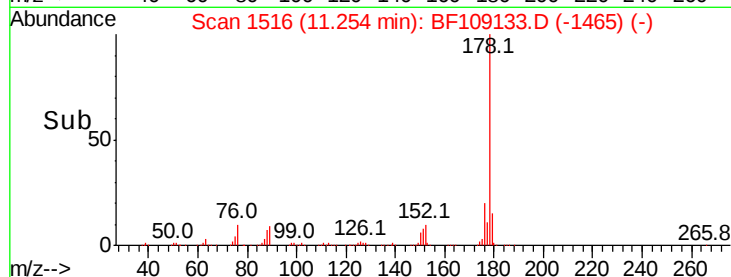
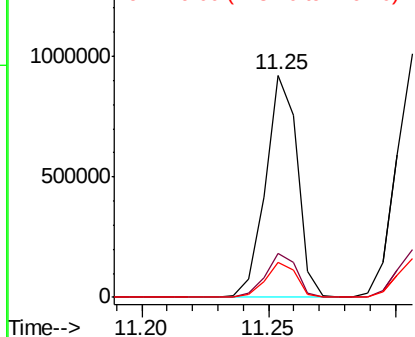
#70
Phenanthrene
Concen: 52.332 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 810277
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.6 13.0 19.6

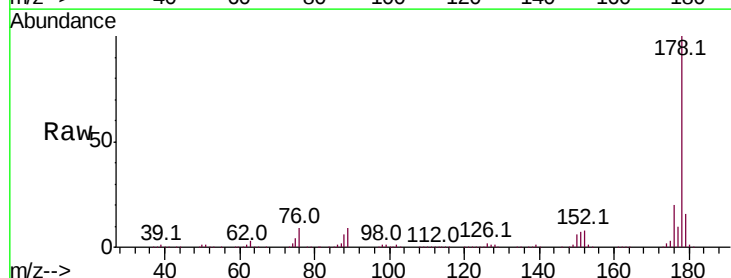


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

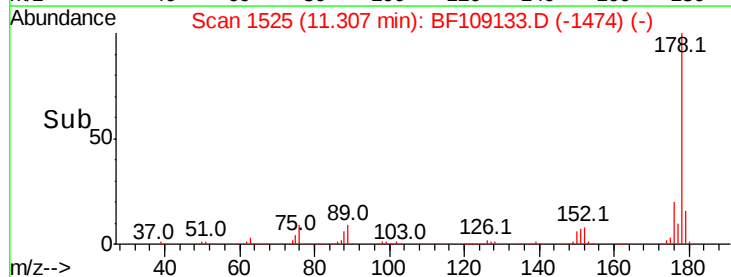
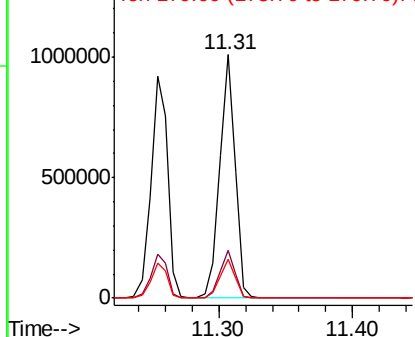


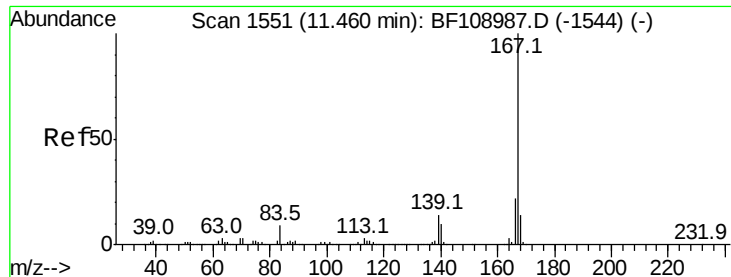
#71
Anthracene
Concen: 52.960 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:178 Resp: 831234
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.6 19.0



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

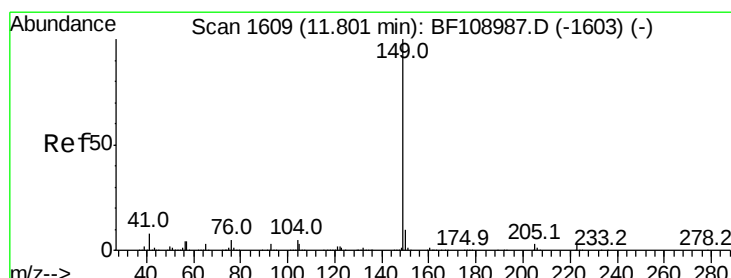
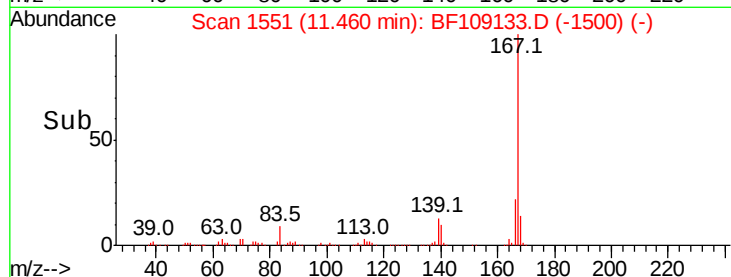
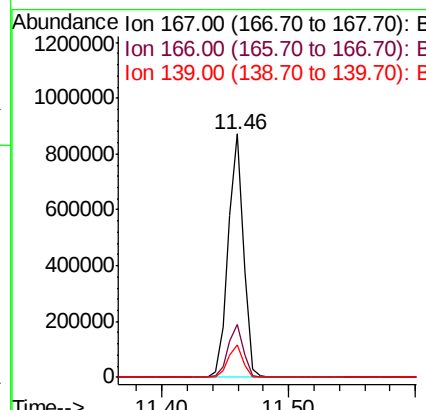
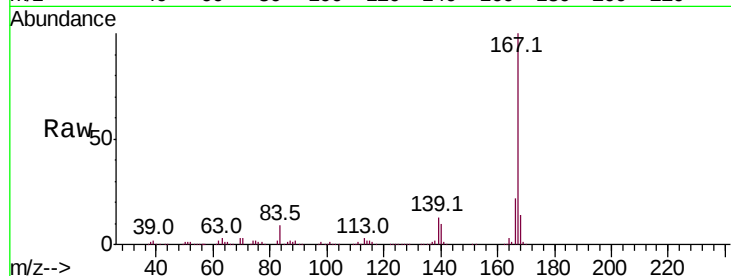




#72
 Carbazole
 Concen: 47.269 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

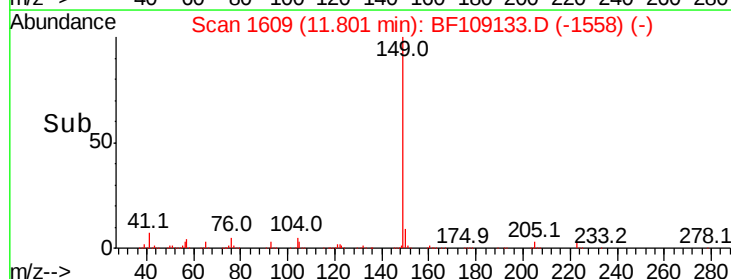
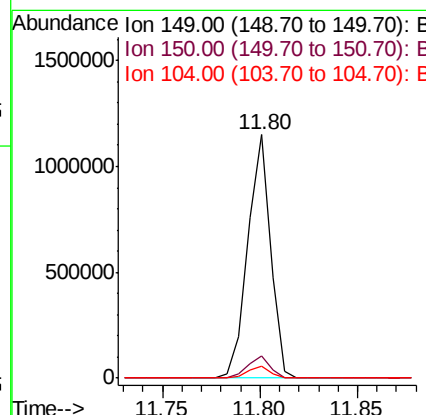
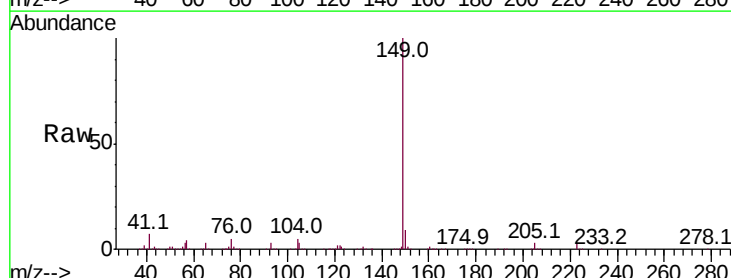
Instrument :
 BNA_F
 ClientSampleId :

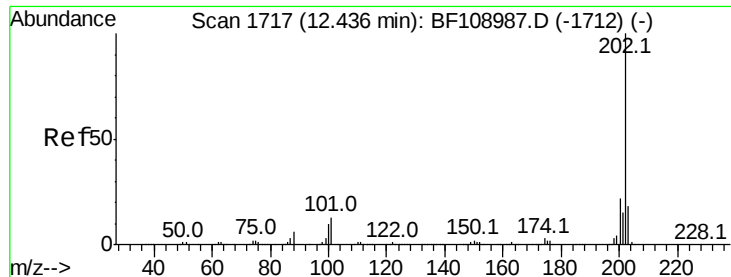
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.1	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 51.089 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

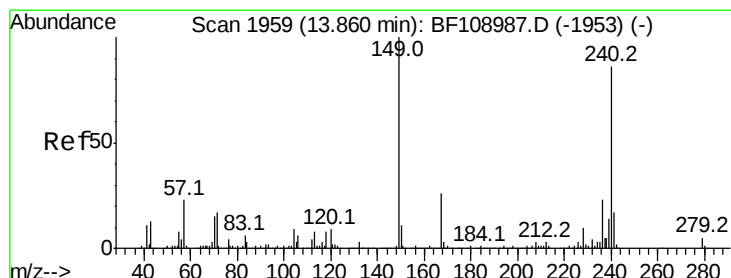
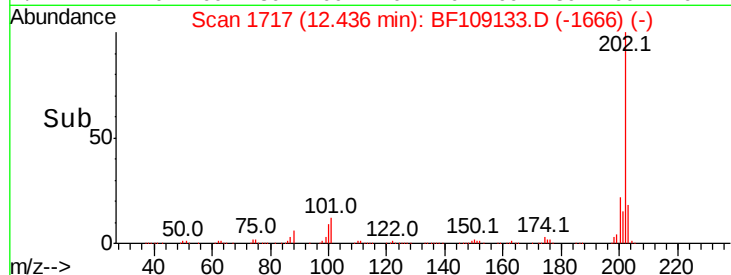
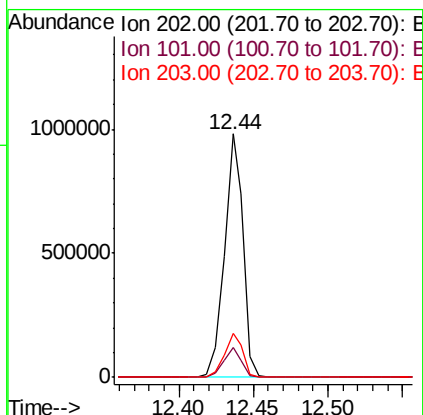
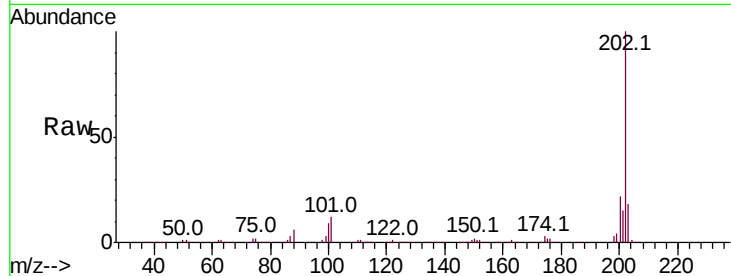




#74
Fluoranthene
Concen: 52.568 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

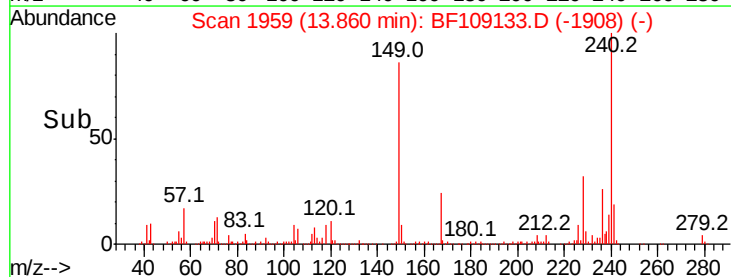
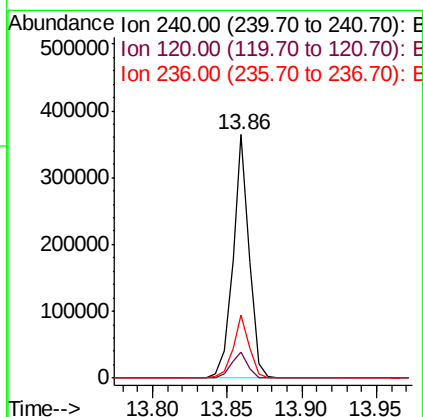
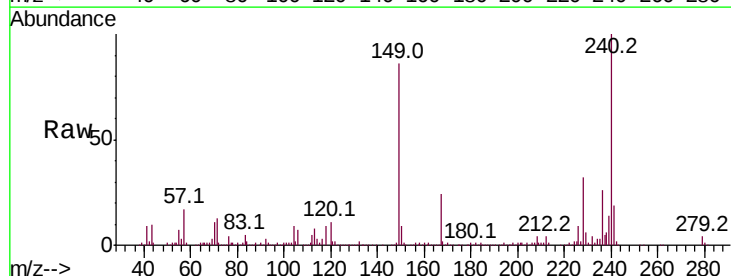
Instrument :
BNA_F
ClientSampled :

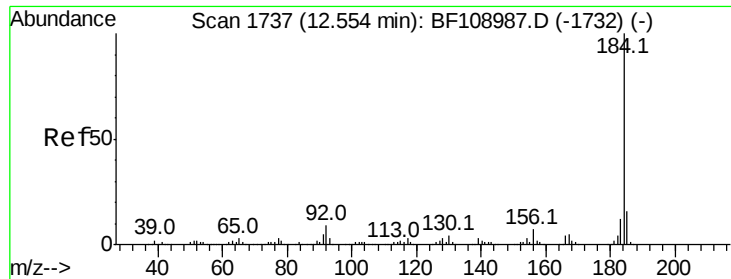
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.9	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.7	20.7	31.1

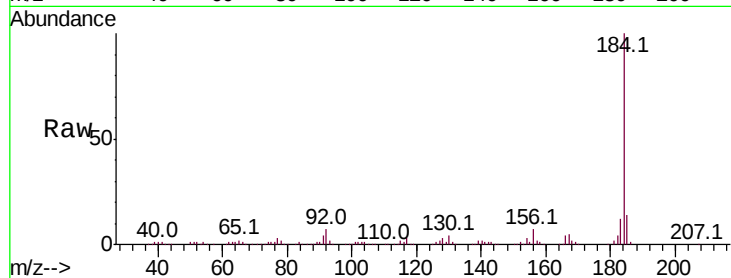




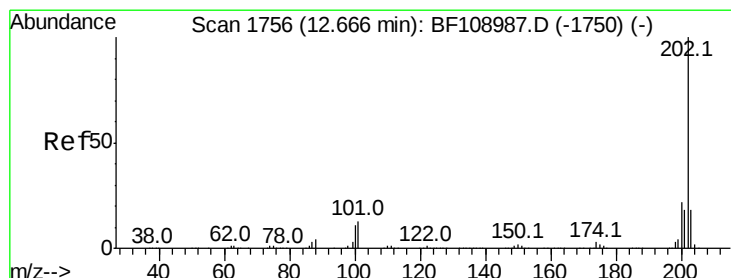
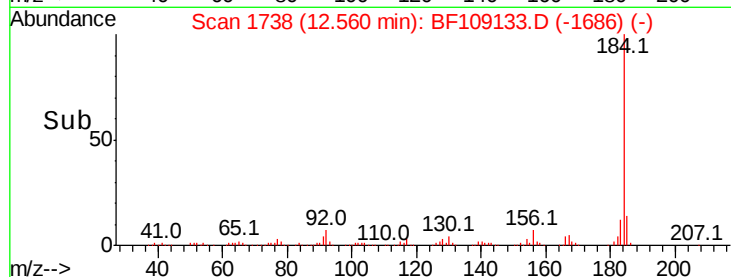
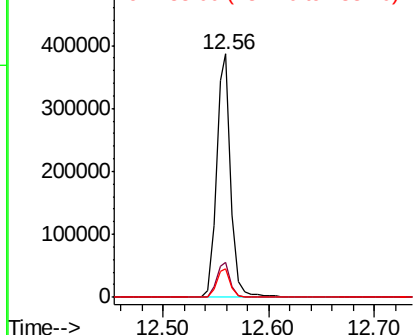
#76
Benzidine
Concen: 37.558 ng
RT: 12.56 min Scan# 1738
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 369598
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.7 9.3 13.9

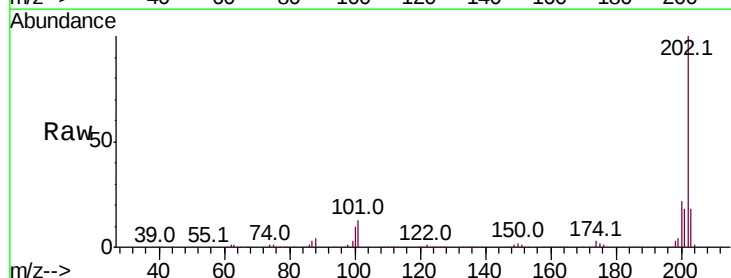


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

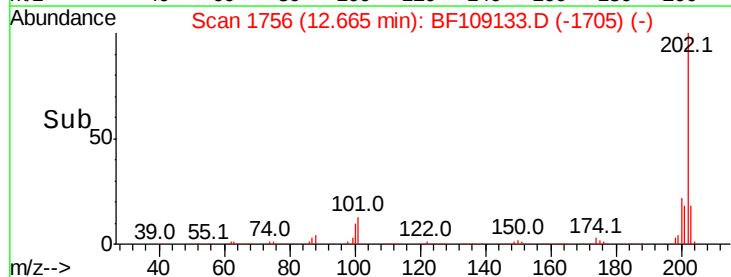
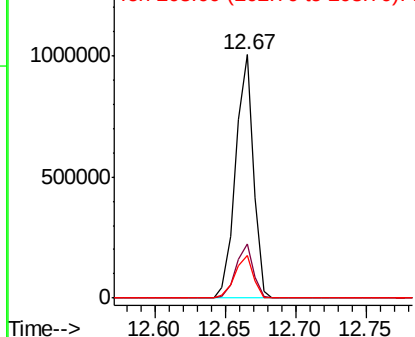


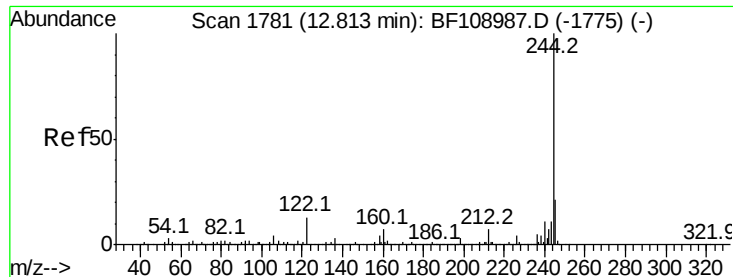
#77
Pyrene
Concen: 42.548 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:202 Resp: 878587
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

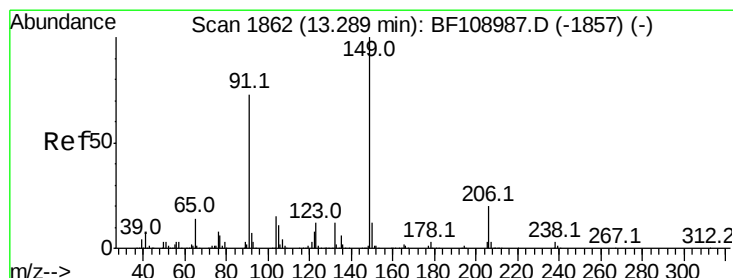
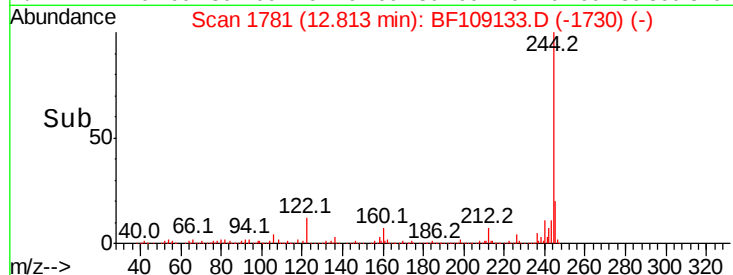
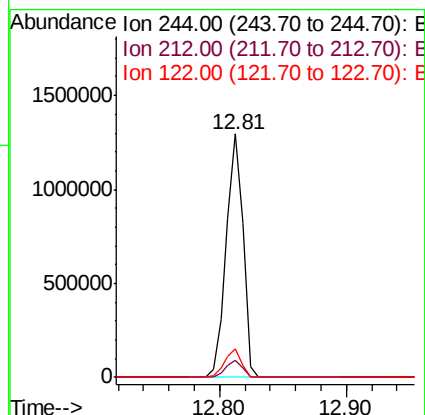
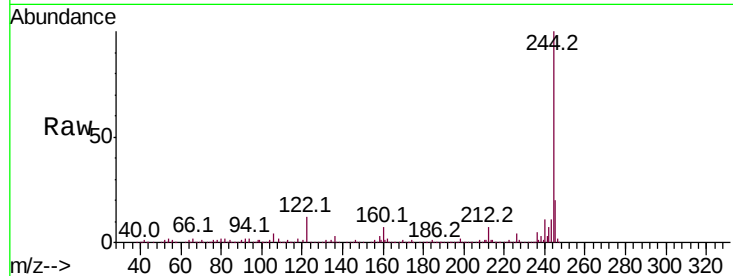




#78
 Terphenyl-d14
 Concen: 101.987 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

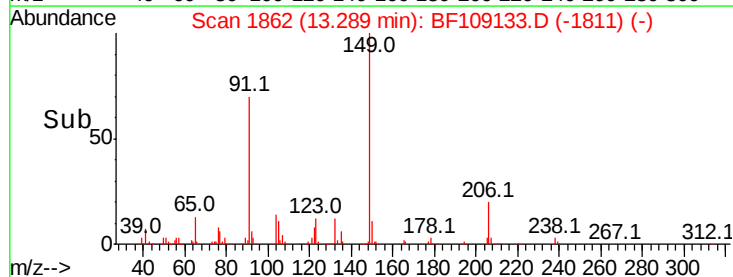
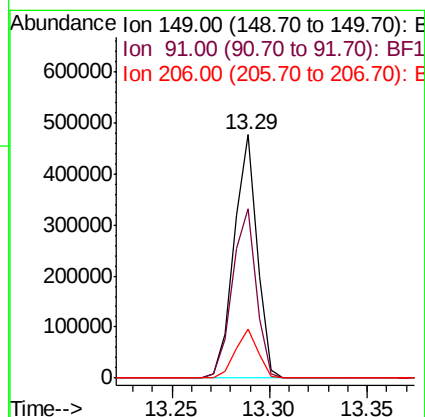
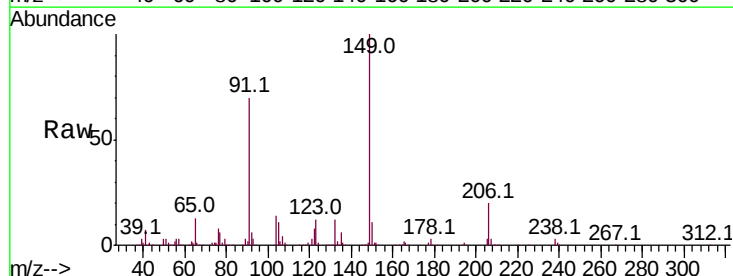
Instrument :
 BNA_F
 ClientSampleId :

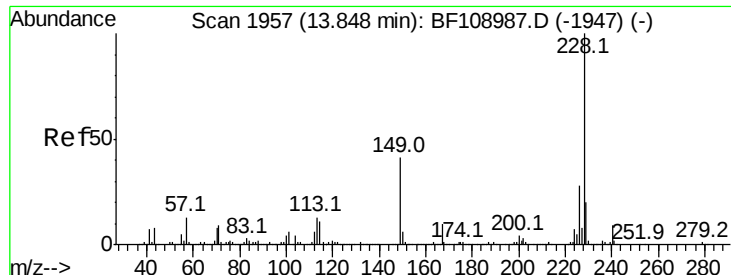
Tot Ion:244 Resp: 1196145
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.8 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 42.467 ng
 RT: 13.29 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:149 Resp: 391663
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.8 85.2
 206 20.3 14.1 21.1





#80

Benzo(a)anthracene

Concen: 50.048 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampled :

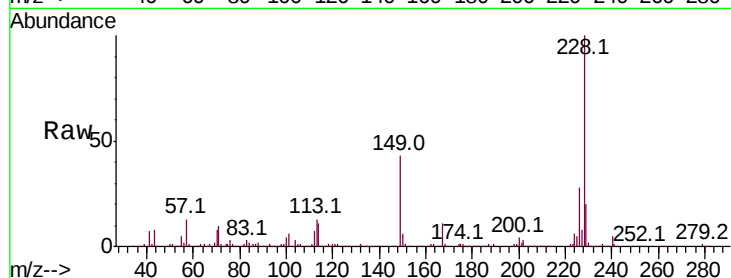
Tot Ion:228 Resp: 842348

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

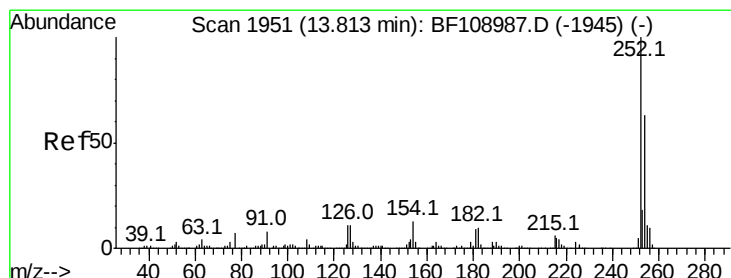
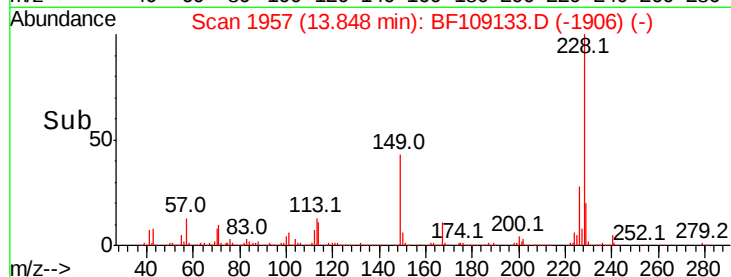
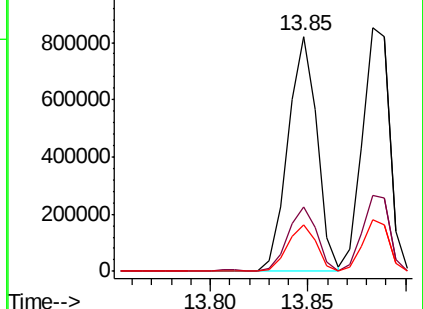
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 40.578 ng

RT: 13.81 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

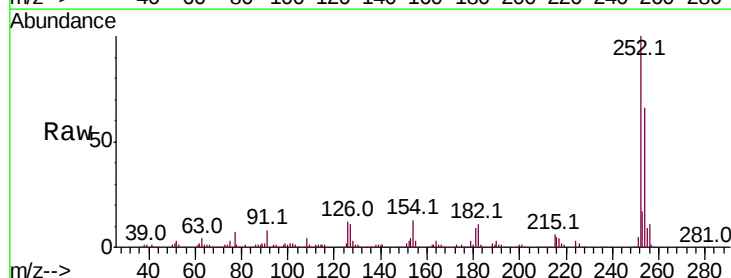
Tgt Ion:252 Resp: 275592

Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

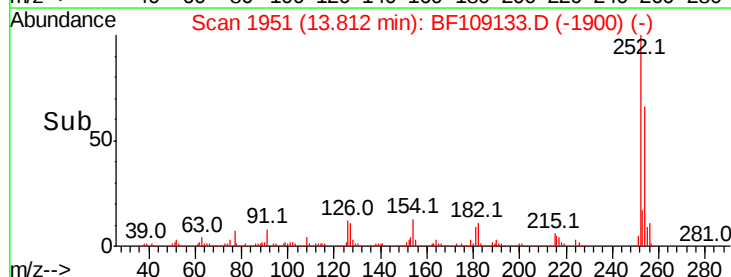
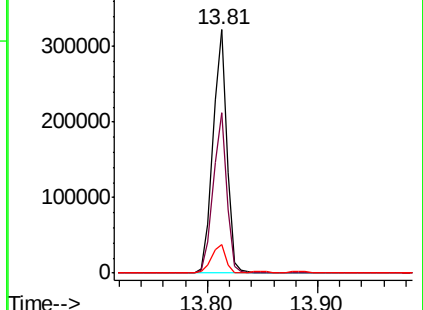
126 11.9 11.3 16.9

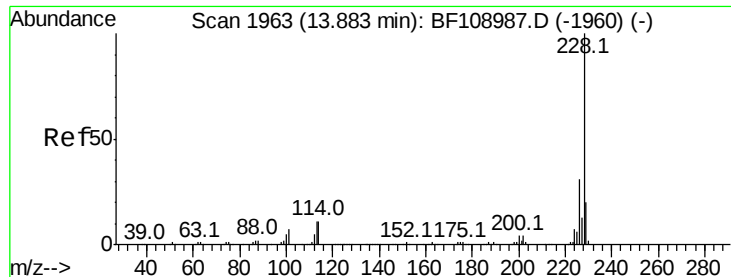


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 48.944 ng

RT: 13.88 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

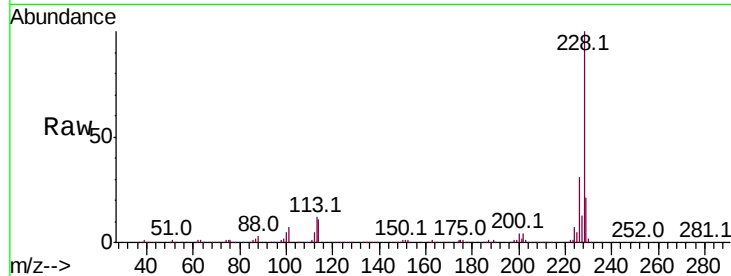
Tot Ion:228 Resp: 824181

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

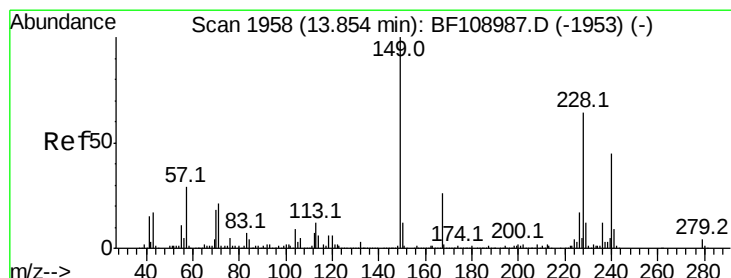
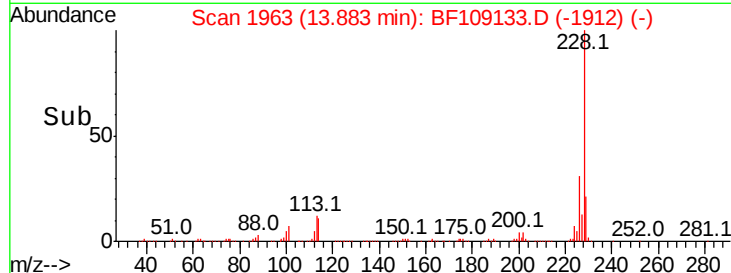
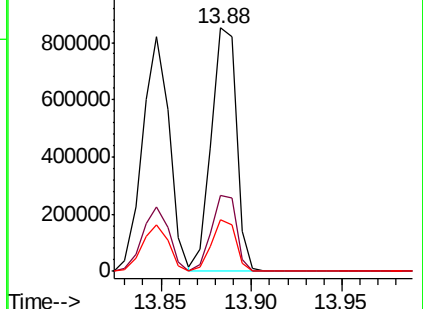
229 21.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.393 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

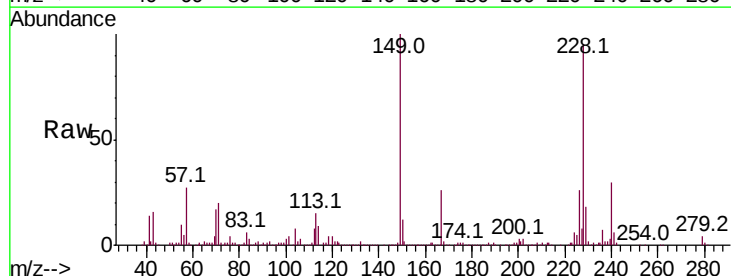
Tgt Ion:149 Resp: 495732

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

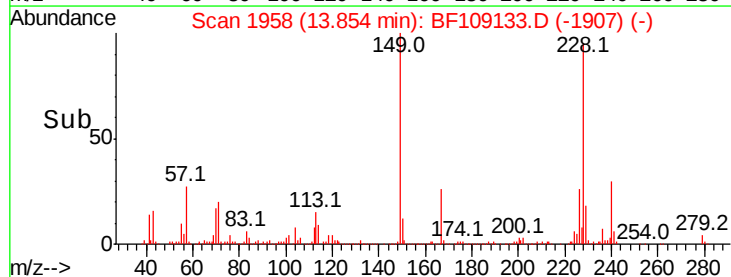
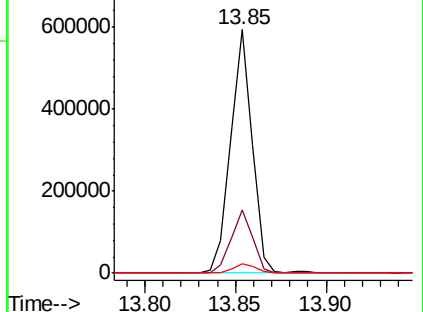
279 3.8 3.0 4.4

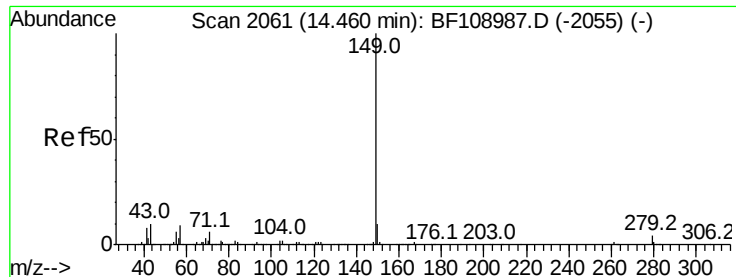


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.563 ng

RT: 14.46 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampled :

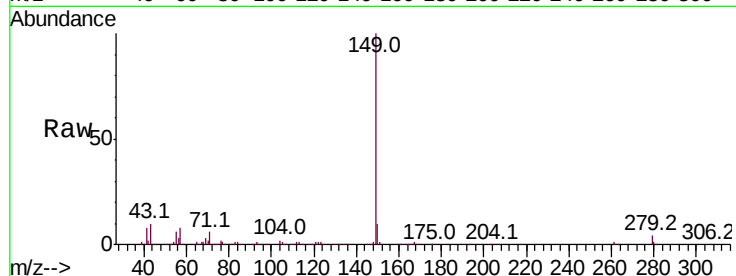
Tot Ion:149 Resp: 995485

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

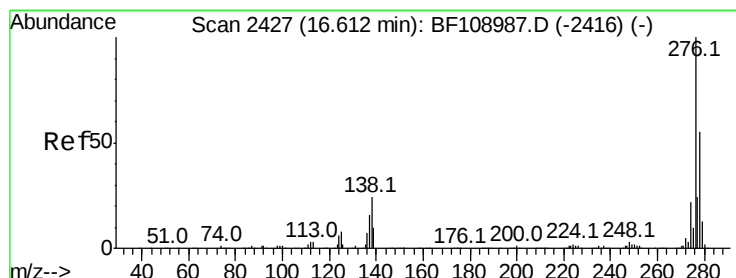
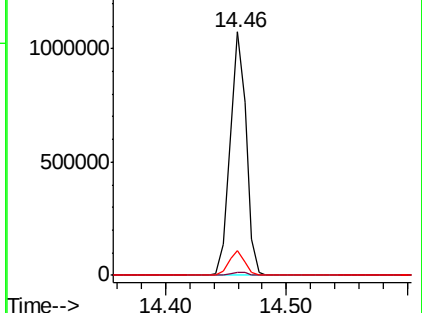
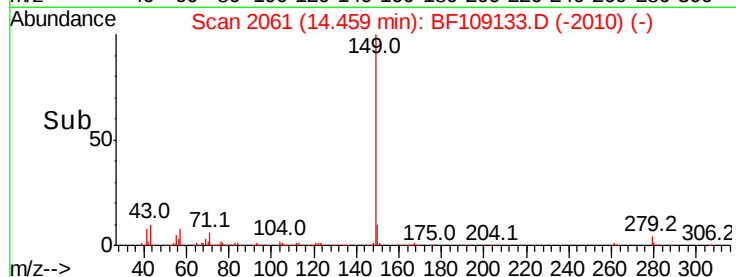
43 9.8 8.4 12.6



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: 47.659 ng

RT: 16.62 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

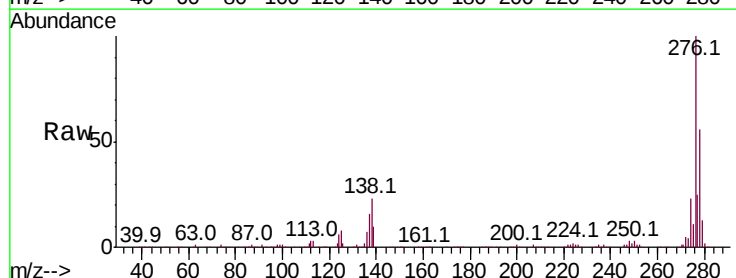
Tgt Ion:276 Resp: 641622

Ion Ratio Lower Upper

276 100

138 25.1 25.0 37.6

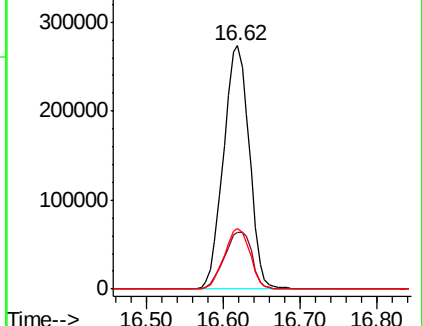
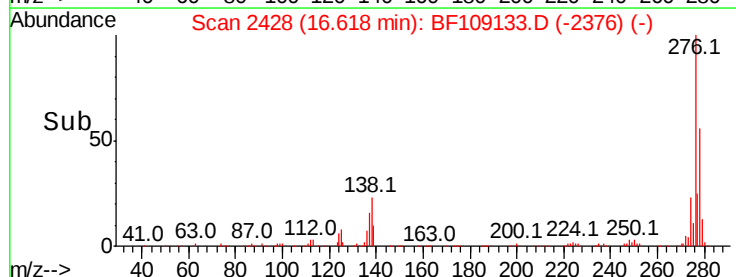
277 25.0 20.1 30.1

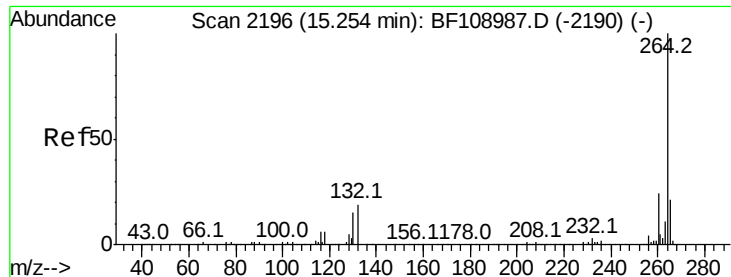


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

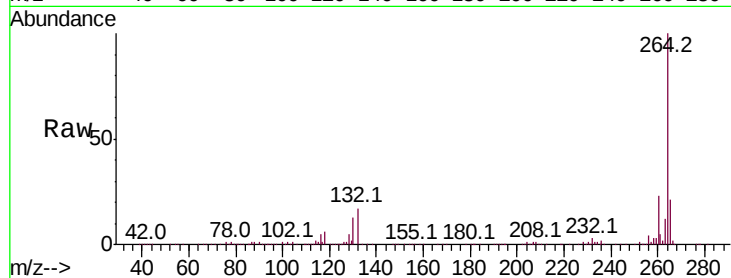




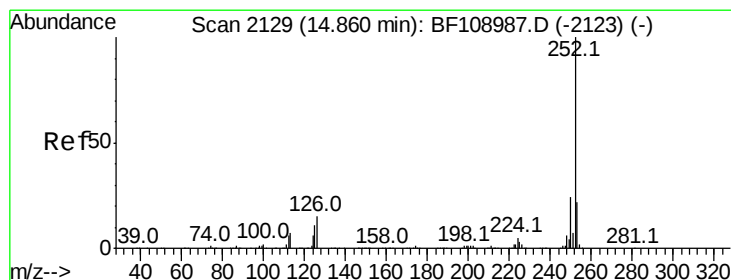
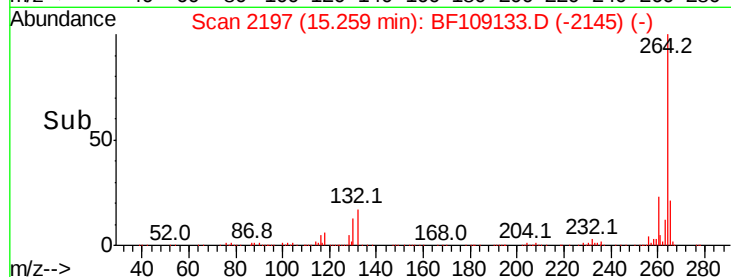
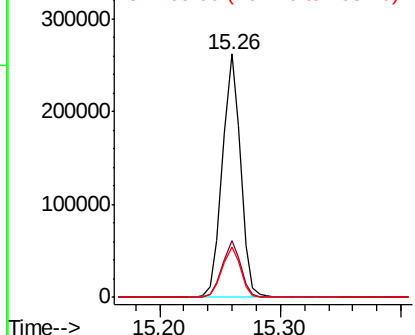
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	17.5	26.3

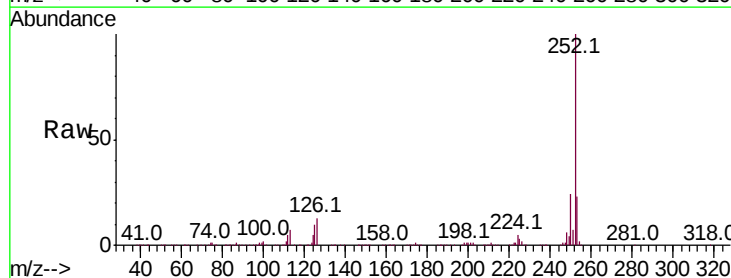


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

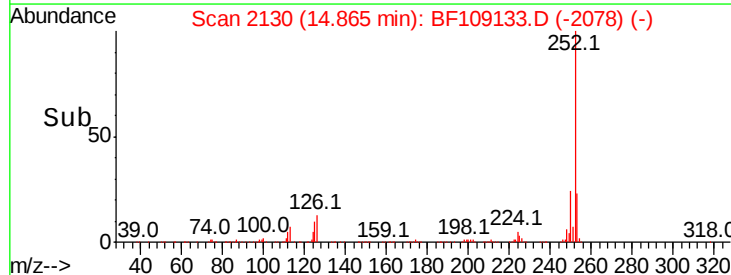
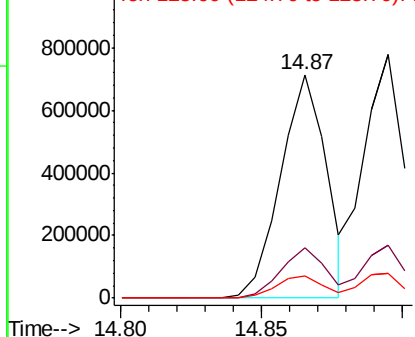


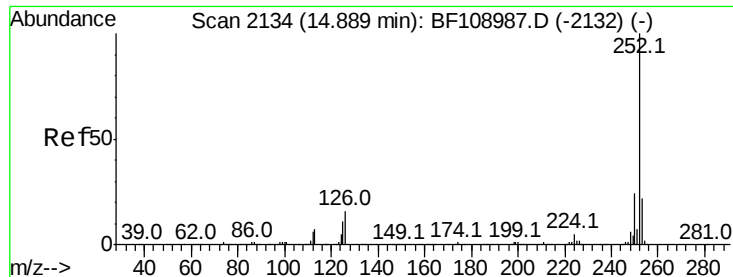
#87
Benzo(b)fluoranthene
Concen: 53.270 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.1	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

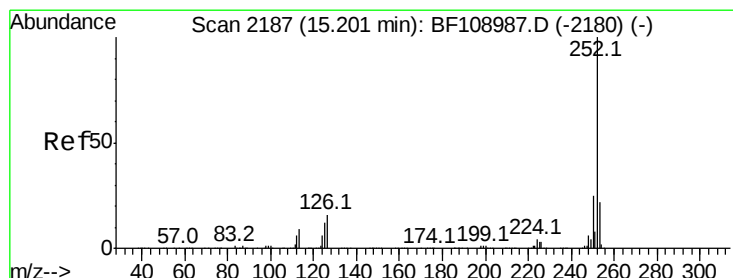
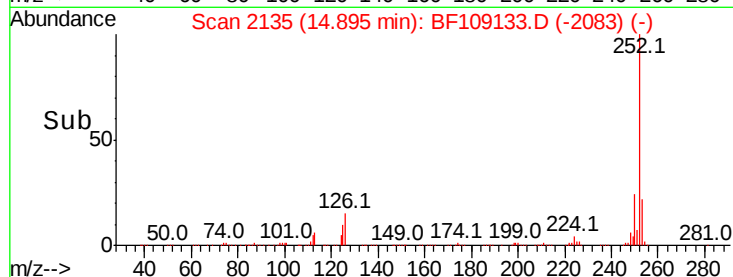
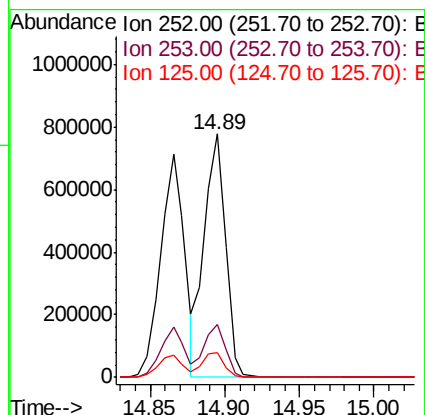
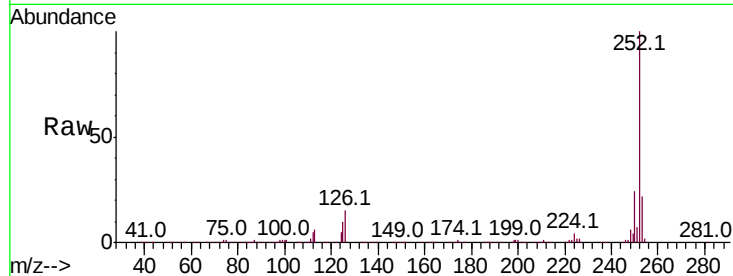




#88
Benzo(k)fluoranthene
Concen: 54.288 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

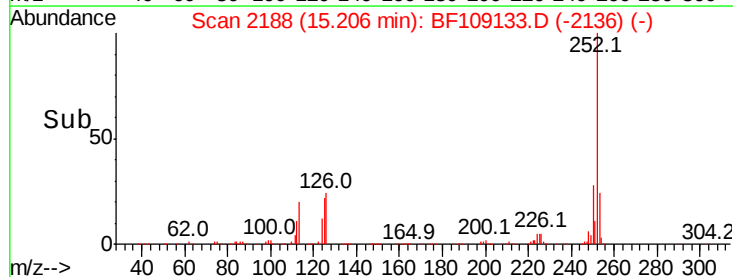
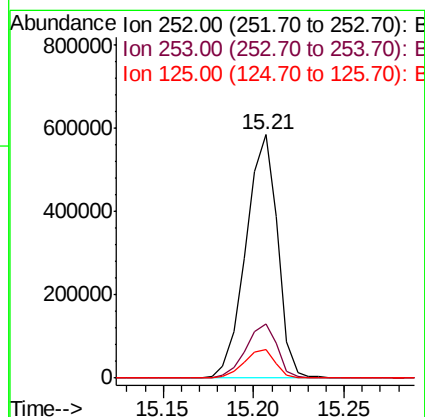
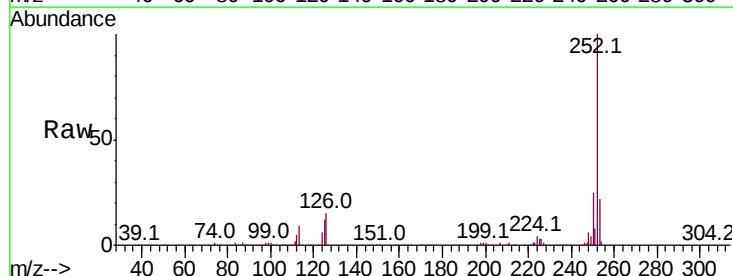
Instrument :
BNA_F
ClientSampleId :

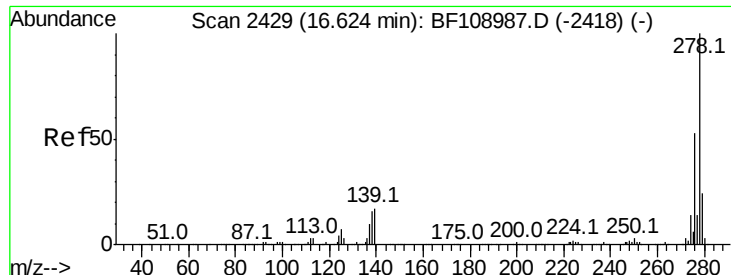
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 52.951 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.7	9.8	14.6

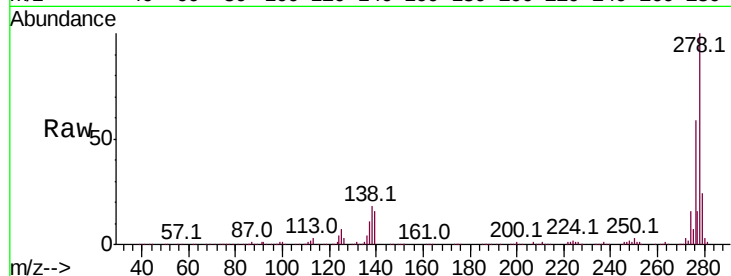




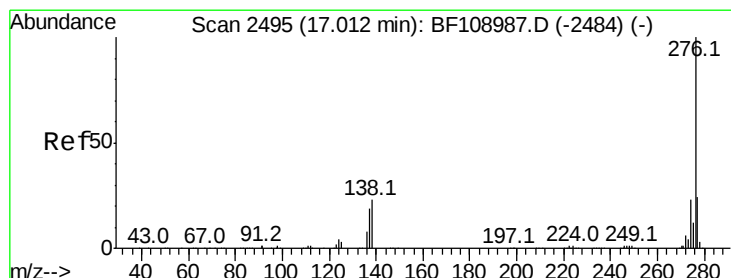
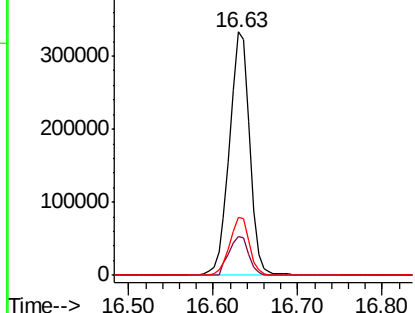
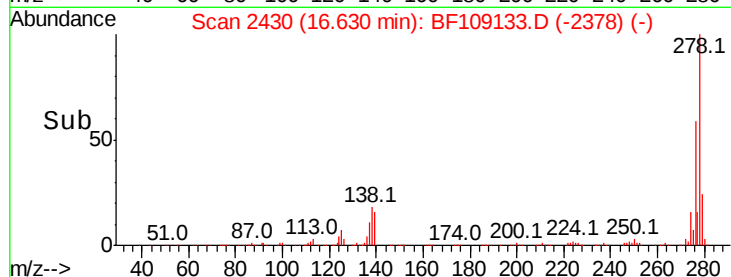
#90
Dibenzo(a,h)anthracene
Concen: 48.543 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 546086
Ion Ratio Lower Upper
278 100
139 16.0 15.9 23.9
279 23.9 19.0 28.4

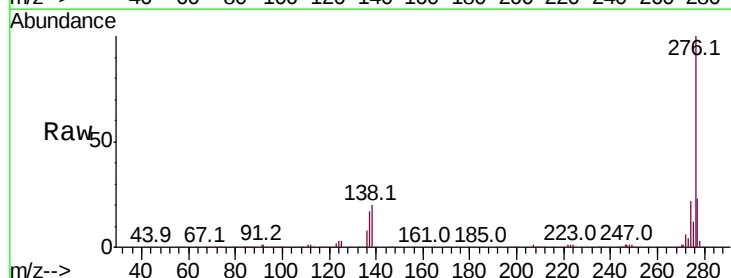


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 45.990 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:276 Resp: 517253
Ion Ratio Lower Upper
276 100
277 22.6 17.9 26.9
138 20.4 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

