

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109150.D
 Acq On : 19 Sep 2018 18:16
 Operator : JU/SJ
 Sample : J4983-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Quant Time: Sep 20 04:49:54 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	125404	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	450299	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	188240	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	315660	20.00	ng	0.00
75) Chrysene-d12	13.86	240	294374	20.00	ng	0.00
86) Perylene-d12	15.27	264	292291	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	544551	72.12	ng	0.01
7) Phenol-d6	6.36	99	682864	70.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	428496	53.37	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	136474	66.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	729115	60.68	ng	0.00
78) Terphenyl-d14	12.81	244	613364	49.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	69053	19.213	ng	93
3) Pyridine	3.17	79	168404	17.675	ng	90
4) n-Nitrosodimethylamine	3.07	42	90453	25.137	ng	# 96
6) Aniline	6.38	93	187144	14.872	ng	# 44
8) 2-Chlorophenol	6.51	128	182843	21.639	ng	96
9) Benzaldehyde	6.27	77	70698	11.370	ng	98
10) Phenol	6.37	94	235698	21.516	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	192241	22.306	ng	95
12) 1,3-Dichlorobenzene	6.67	146	215975	22.350	ng	98
13) 1,4-Dichlorobenzene	6.74	146	219321	22.624	ng	97
14) 1,2-Dichlorobenzene	6.90	146	202584	22.541	ng	97
15) Benzyl Alcohol	6.87	79	163216	22.082	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	261590	21.184	ng	96
17) 2-Methylphenol	6.98	107	146519	21.254	ng	97
18) Hexachloroethane	7.24	117	65969	18.737	ng	100
19) n-Nitroso-di-n-propylamine	7.14	70	138272	21.486	ng	97
20) 3+4-Methylphenols	7.14	107	179446	21.613	ng	# 80
22) Acetophenone	7.13	105	260870	25.510	ng	# 95
24) Nitrobenzene	7.30	77	193492	23.376	ng	98
25) Isophorone	7.54	82	355721	25.776	ng	98
26) 2-Nitrophenol	7.62	139	39478	10.214	ng	97
27) 2,4-Dimethylphenol	7.66	122	152914	25.221	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	227760	24.525	ng	99
29) 2,4-Dichlorophenol	7.86	162	133443	20.654	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	162336	23.244	ng	96
31) Naphthalene	8.02	128	529968	25.357	ng	99
33) 4-Chloroaniline	8.07	127	171060	18.408	ng	99
34) Hexachlorobutadiene	8.15	225	95540	22.408	ng	99
35) Caprolactam	8.42	113	37459	17.784	ng	86
36) 4-Chloro-3-methylphenol	8.55	107	136848	20.121	ng	96
37) 2-Methylnaphthalene	8.72	142	339966	24.953	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	151066	25.498	ng	98
40) Hexachlorocyclopentadiene	8.88	237	35711	11.963	ng	96
42) 2,4,6-Trichlorophenol	9.00	196	88037	22.107	ng	99

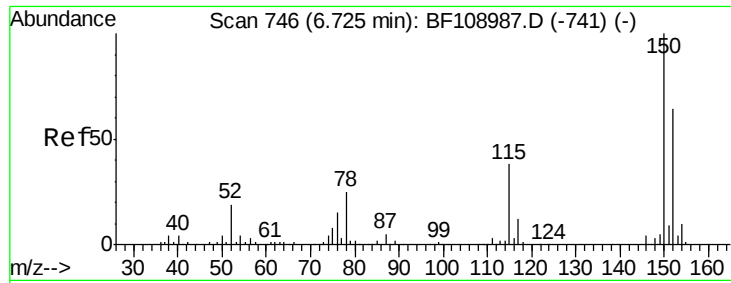
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	90531	21.754	ng	94
45) 1,1'-Biphenyl	9.18	154	392517	26.064	ng	98
46) 2-Chloronaphthalene	9.20	162	297790	24.691	ng	98
47) 2-Nitroaniline	9.30	65	84444	22.775	ng	96
48) Acenaphthylene	9.61	152	463395	25.483	ng	99
49) Dimethylphthalate	9.48	163	444379	33.029	ng	99
50) 2,6-Dinitrotoluene	9.54	165	52345	17.544	ng	92
51) Acenaphthene	9.79	154	261744	23.116	ng	98
52) 3-Nitroaniline	9.70	138	83300	23.710	ng	98
54) Dibenzofuran	9.96	168	382989	23.406	ng	99
55) 4-Nitrophenol	9.87	139	69077	26.686	ng	97
56) 2,4-Dinitrotoluene	9.94	165	61011	15.636	ng #	95
57) Fluorene	10.30	166	280324	25.707	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	70040	20.326	ng #	87
59) Diethylphthalate	10.18	149	333184	24.523	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	138939	23.795	ng	93
61) 4-Nitroaniline	10.31	138	72914	21.844	ng	98
62) Azobenzene	10.45	77	306724	22.055	ng	94
65) n-Nitrosodiphenylamine	10.41	169	266023	25.764	ng	94
66) 4-Bromophenyl-phenylether	10.78	248	86988	24.444	ng	92
67) Hexachlorobenzene	10.85	284	89014	23.385	ng #	90
68) Atrazine	10.94	200	81591	24.685	ng	97
69) Pentachlorophenol	11.04	266	64637	26.541	ng	98
70) Phenanthrene	11.25	178	390120	25.212	ng	98
71) Anthracene	11.31	178	413294	26.349	ng	99
72) Carbazole	11.46	167	362595	23.352	ng	98
73) Di-n-butylphthalate	11.80	149	452529	24.897	ng	98
74) Fluoranthene	12.44	202	430579	26.358	ng	96
76) Benzidine	12.55	184	106676	10.237	ng	97
77) Pyrene	12.67	202	432367	19.774	ng	98
79) Butylbenzylphthalate	13.29	149	195735	20.042	ng	98
80) Benzo(a)anthracene	13.85	228	427172	23.968	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	131291	18.255	ng #	97
82) Chrysene	13.88	228	415963	23.328	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	268098	22.672	ng	99
84) Di-n-octyl phthalate	14.46	149	506329	25.247	ng	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	327694	22.987	ng #	93
87) Benzo(b)fluoranthene	14.87	252	405356	25.068	ng	99
88) Benzo(k)fluoranthene	14.87	252	405356	26.839	ng	96
89) Benzo(a)pyrene	15.21	252	364795	25.403	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	280490	23.249	ng #	94
91) Benzo(g,h,i)perylene	17.02	276	258140	21.401	ng #	92

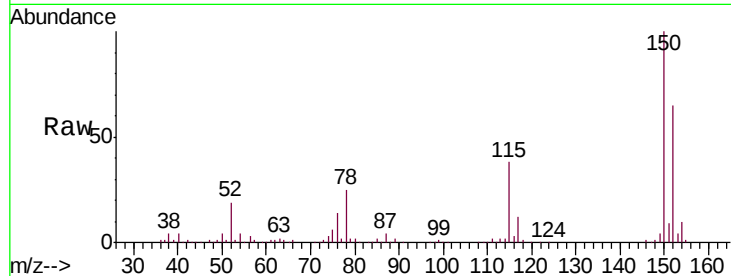
(#) = qualifier out of range (m) = manual integration (+) = signals summed



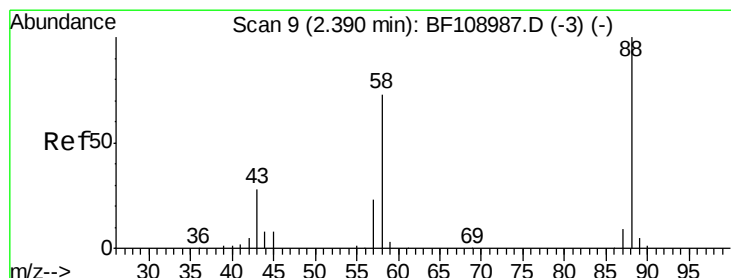
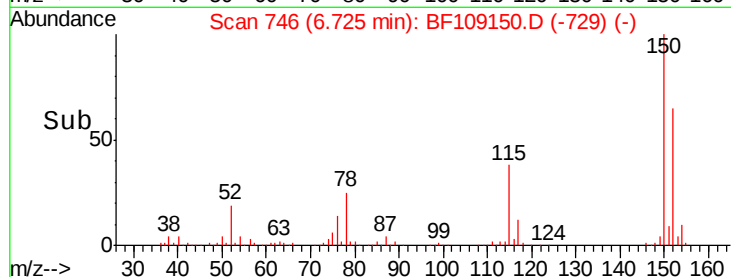
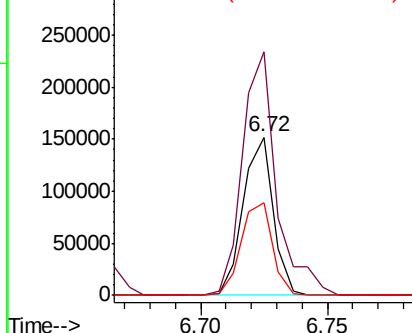
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Tgt Ion:152 Resp: 125404
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 58.3 50.1 75.1

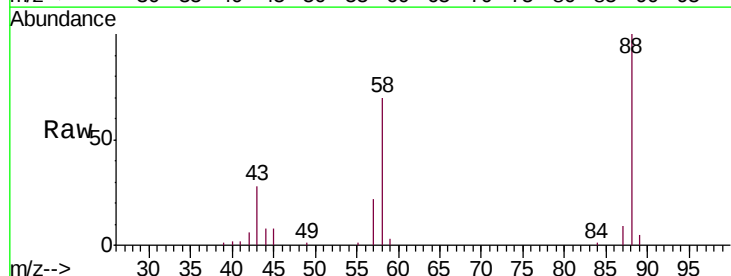


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

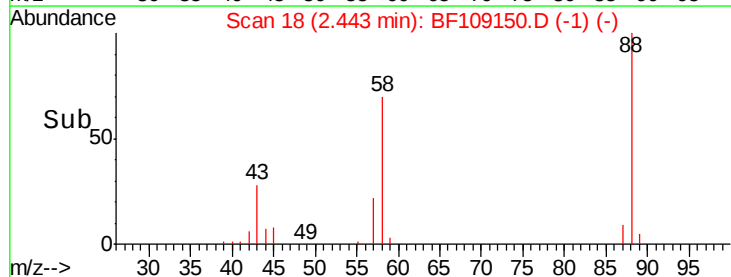
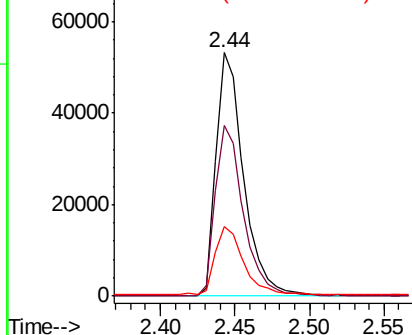


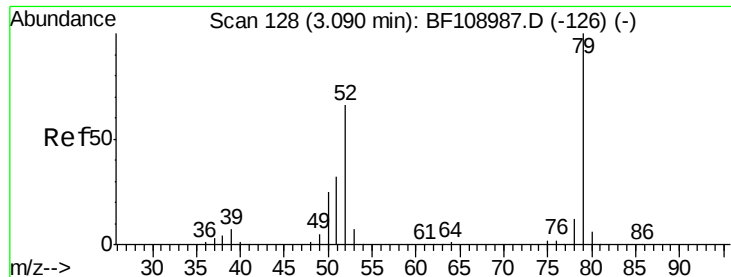
#2
 1,4-Dioxane
 Concen: 19.213 ng
 RT: 2.44 min Scan# 18
 Delta R.T. 0.05 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion: 88 Resp: 69053
 Ion Ratio Lower Upper
 88 100
 58 71.3 62.6 93.8
 43 28.6 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

Pyridine

Concen: 17.675 ng

RT: 3.17 min Scan# 141

Delta R.T. 0.08 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

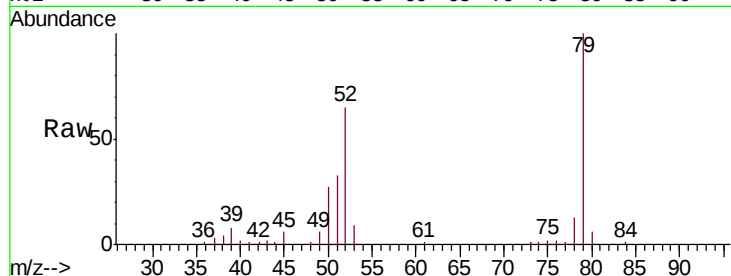
Tgt Ion: 79 Resp: 168404

Ion Ratio Lower Upper

79 100

52 64.8 59.8 89.6

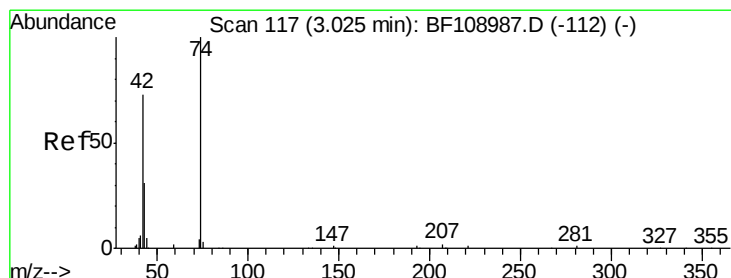
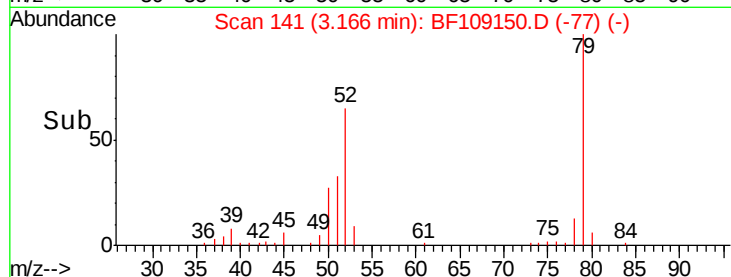
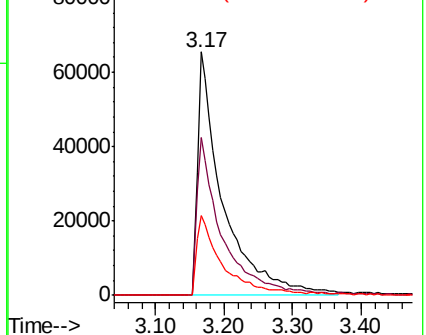
51 32.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 25.137 ng

RT: 3.07 min Scan# 125

Delta R.T. 0.05 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

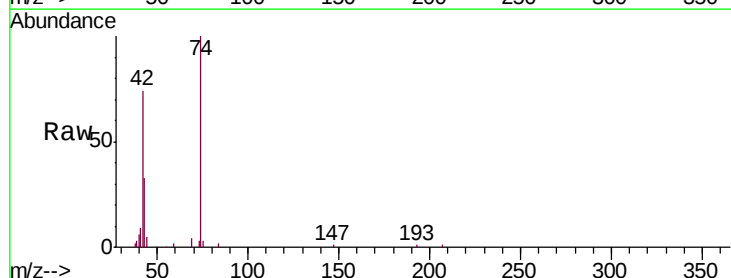
Tgt Ion: 42 Resp: 90453

Ion Ratio Lower Upper

42 100

74 135.9 104.9 157.3

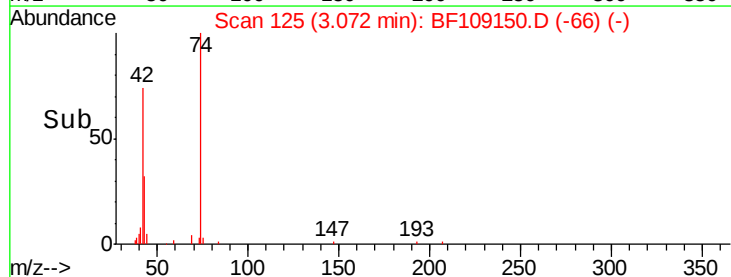
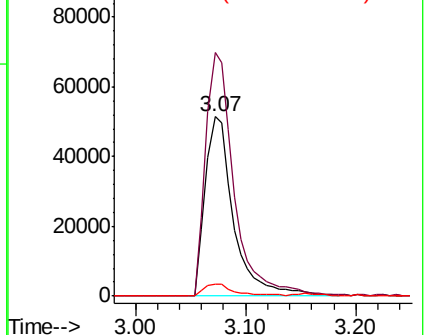
44 6.8 6.9 10.3#

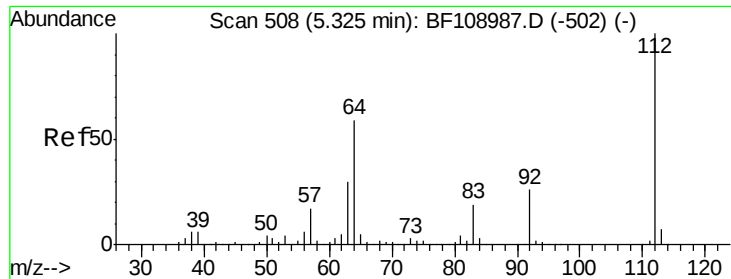


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.122 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

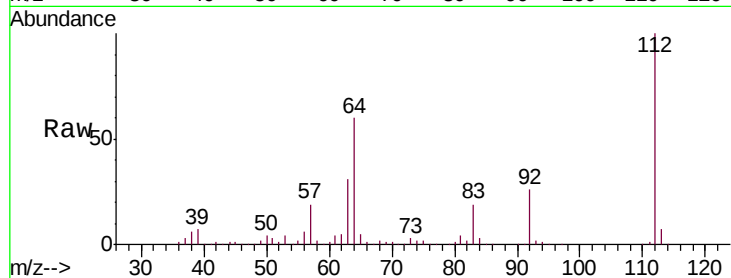
Instrument :

BNA_F

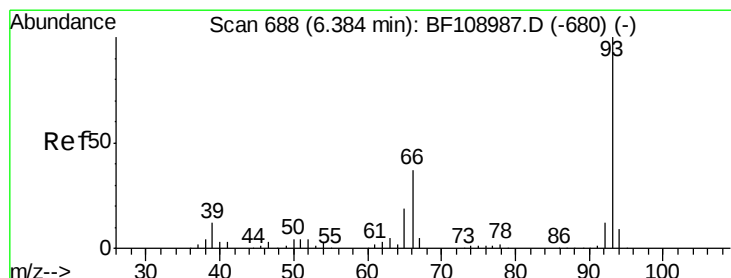
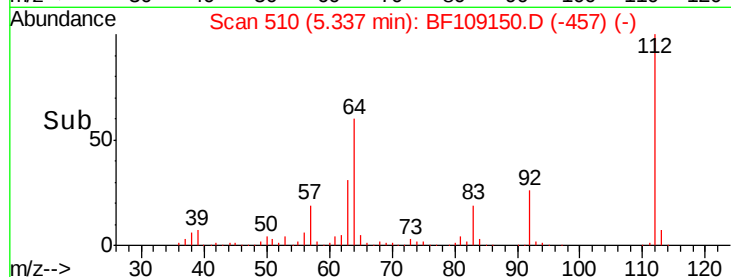
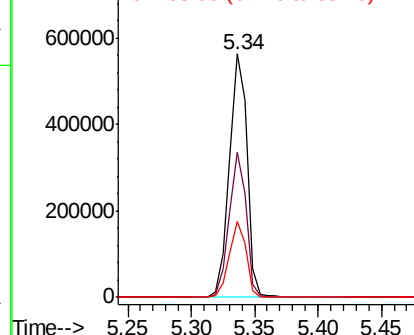
ClientSampleId :

SAMPLE-01MS

Tgt Ion:	112	Resp:	544551
Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.872 ng

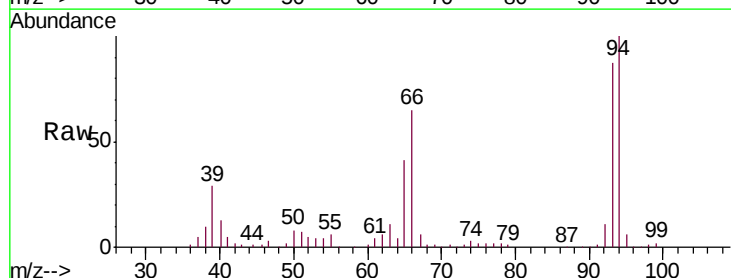
RT: 6.38 min Scan# 687

Delta R.T. -0.01 min

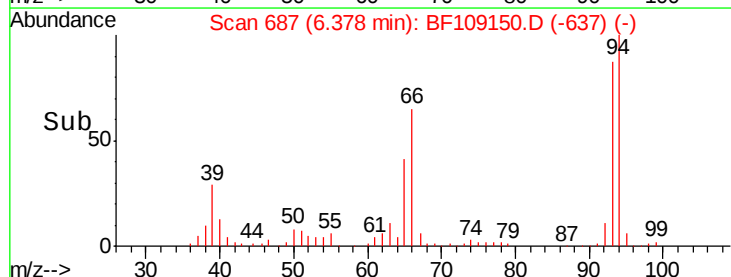
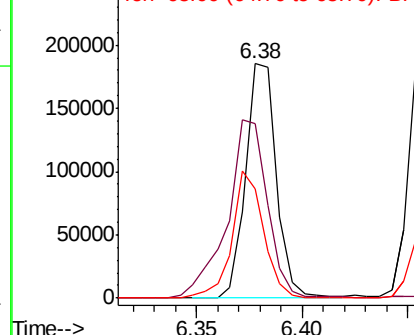
Lab File: BF109150.D

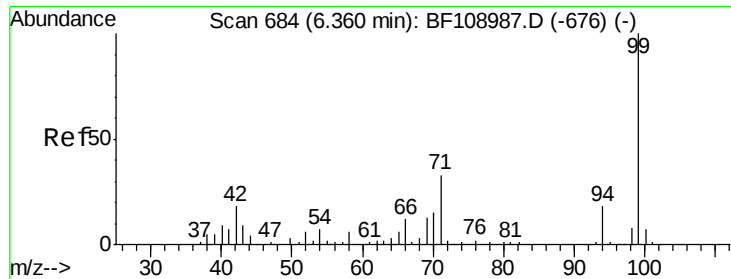
Acq: 19 Sep 2018 18:16

Tgt Ion:	93	Resp:	187144
Ion	Ratio	Lower	Upper
93	100		
66	74.5	32.2	48.2#
65	46.5	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: 70.139 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

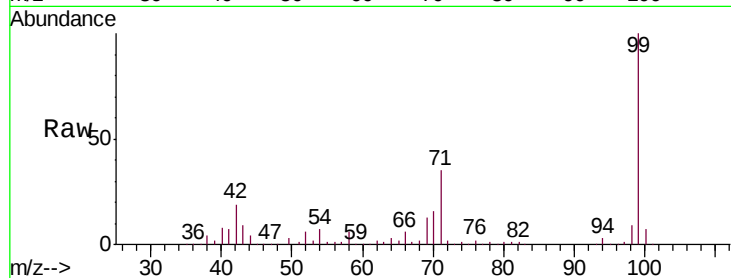
Tgt Ion: 99 Resp: 682864

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

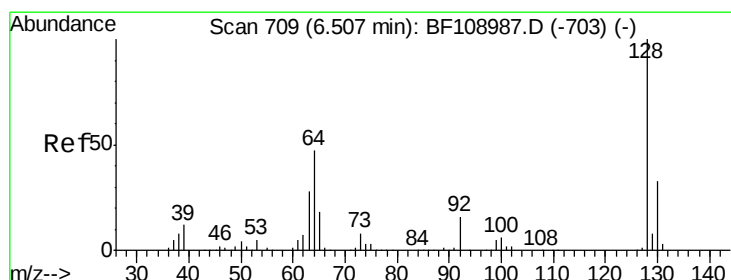
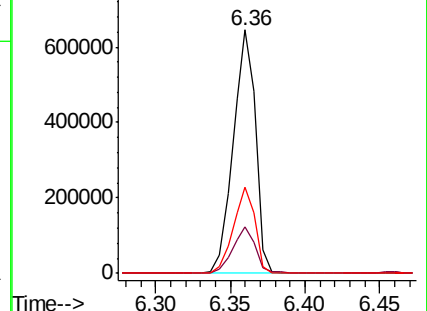
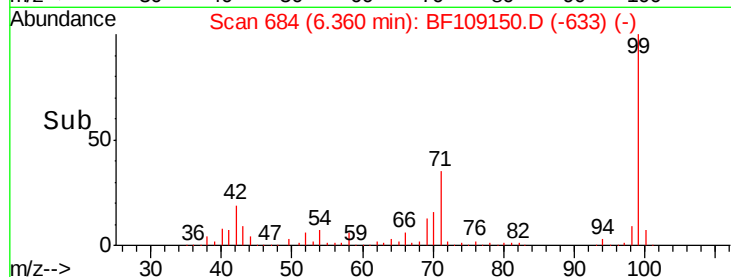
71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 21.639 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

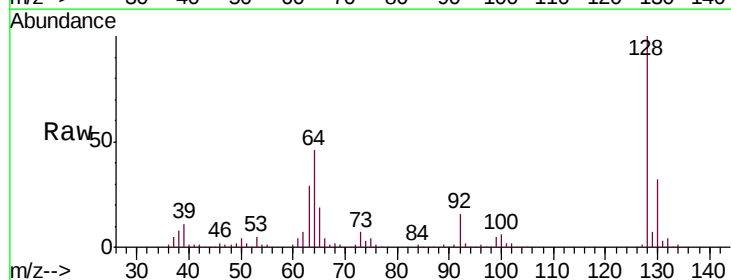
Tgt Ion: 128 Resp: 182843

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

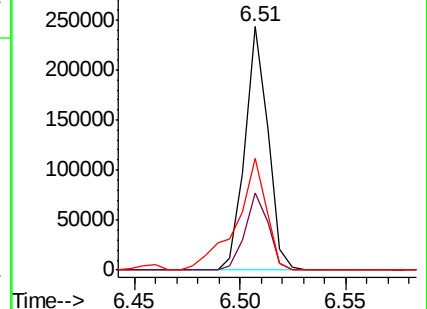
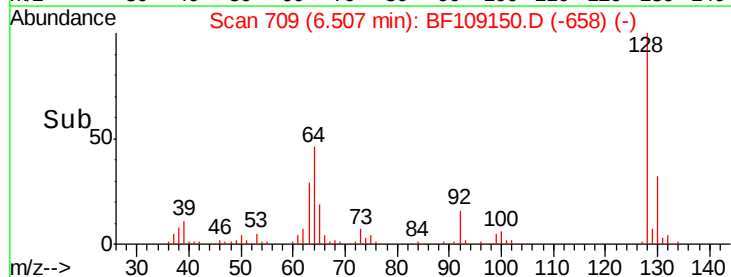
64 46.0 29.4 69.4

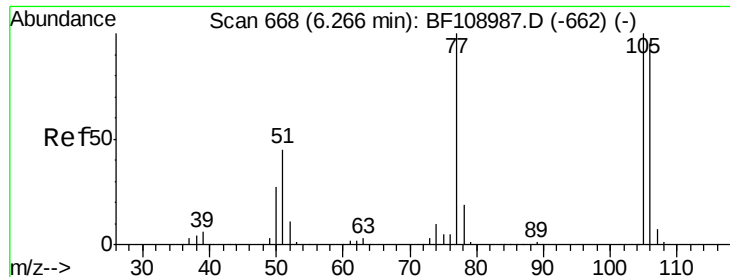


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

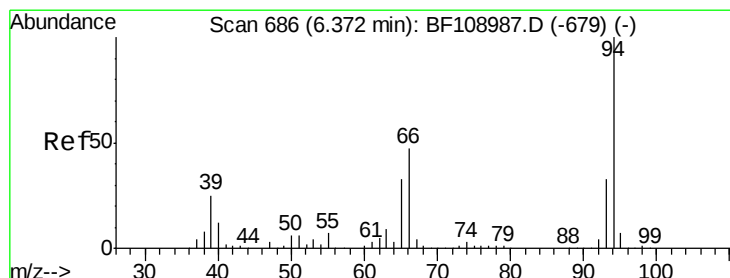
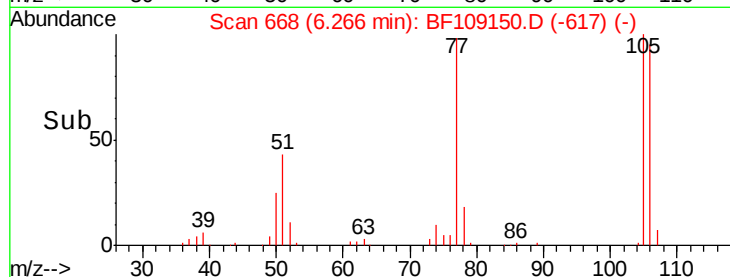
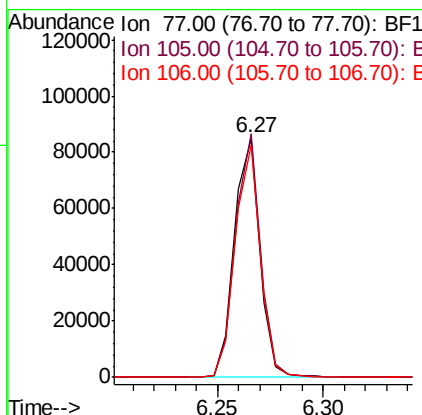
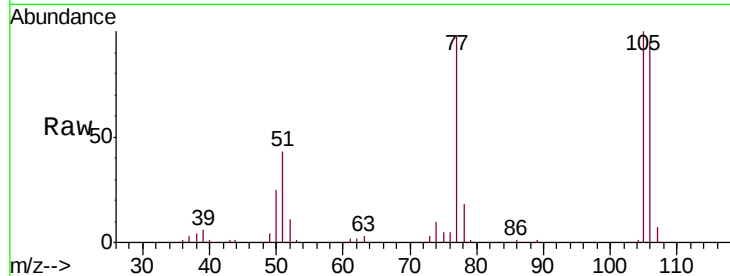




#9
Benzaldehyde
Concen: 11.370 ng
RT: 6.27 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

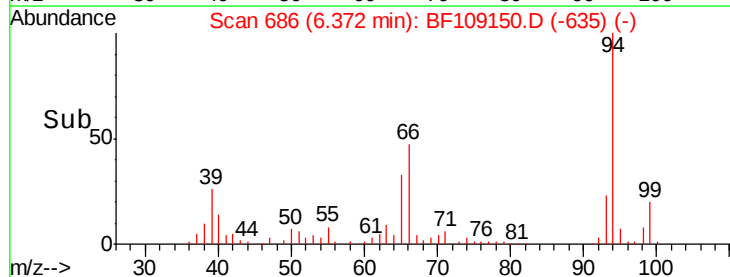
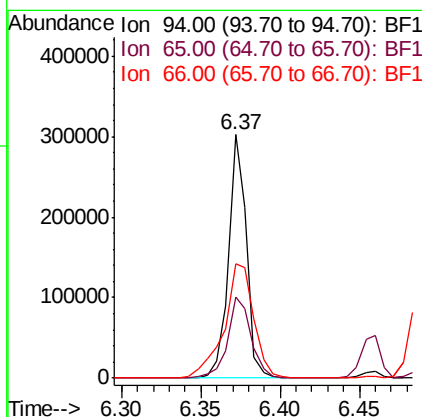
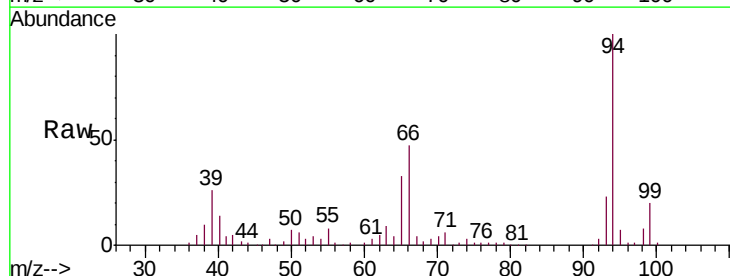
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

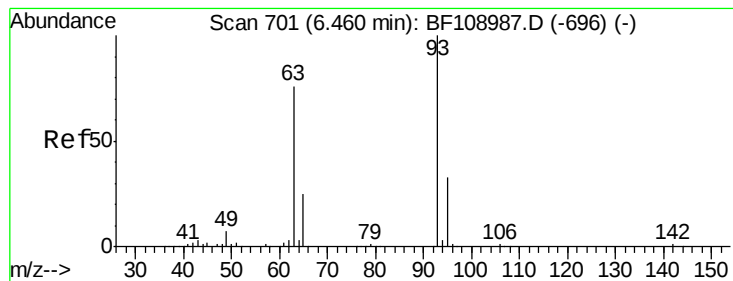
Tgt Ion: 77 Resp: 70698
Ion Ratio Lower Upper
77 100
105 102.0 81.1 121.1
106 97.1 74.5 114.5



#10
Phenol
Concen: 21.516 ng
RT: 6.37 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 94 Resp: 235698
Ion Ratio Lower Upper
94 100
65 33.1 7.9 47.9
66 46.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 22.306 ng

RT: 6.46 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

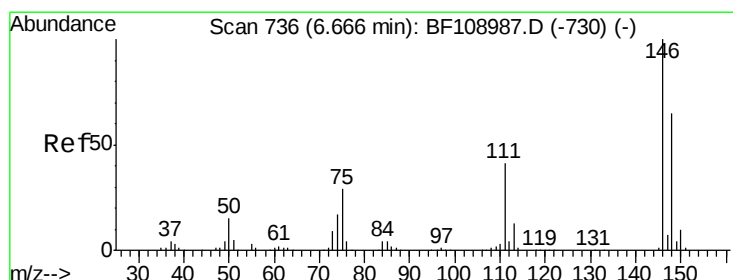
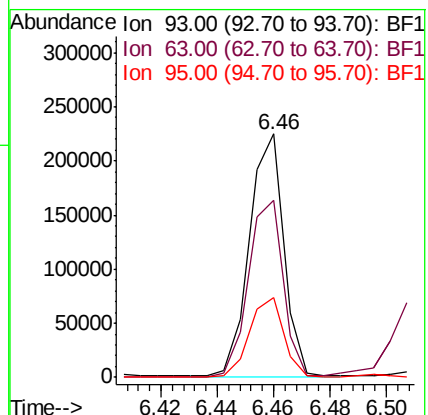
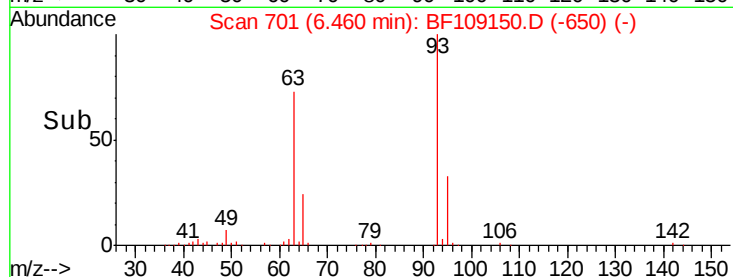
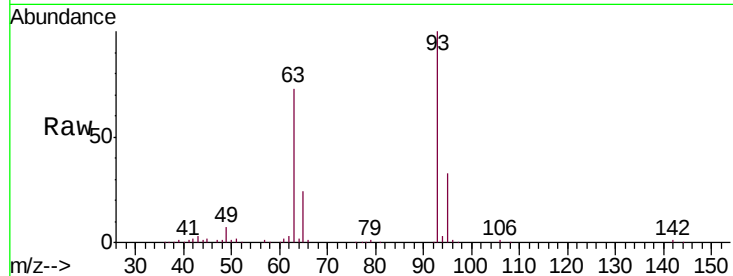
Tgt Ion: 93 Resp: 192241

Ion Ratio Lower Upper

93 100

63 73.0 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 22.350 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

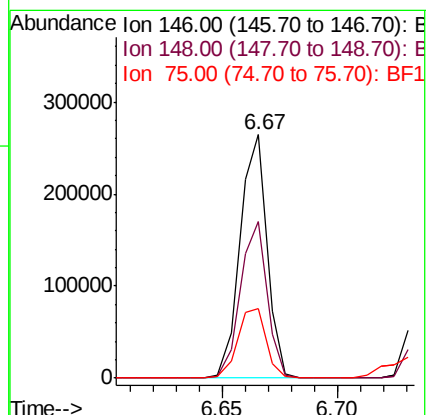
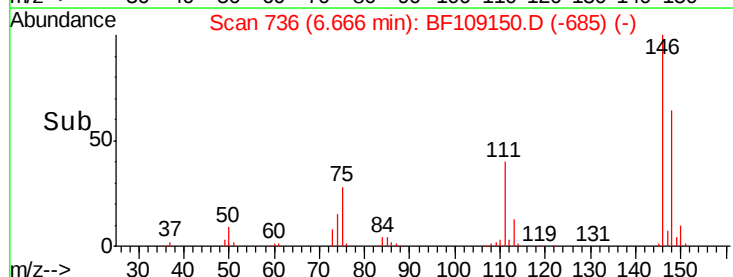
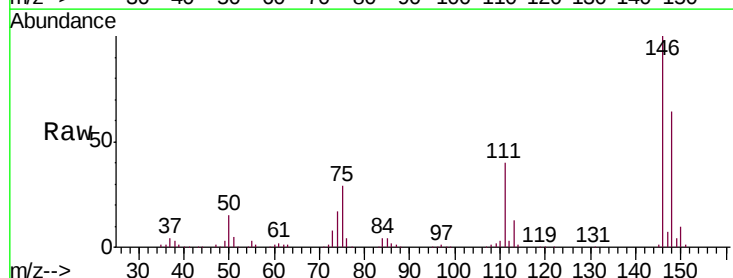
Tgt Ion: 146 Resp: 215975

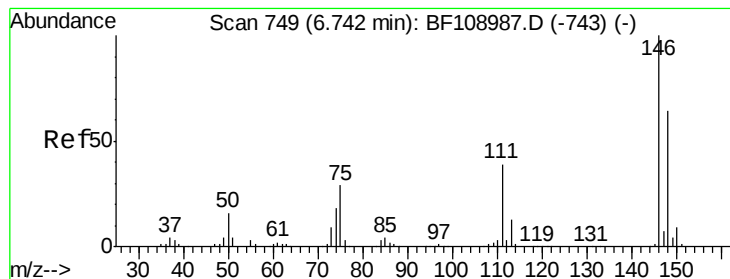
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 22.624 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

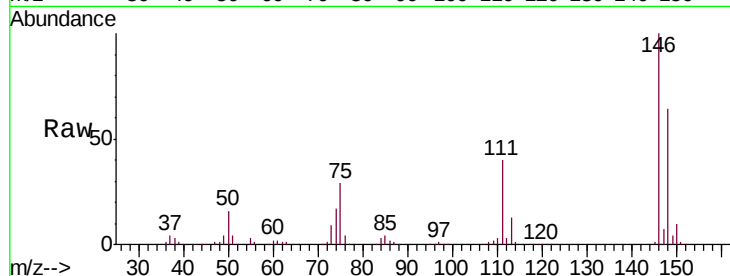
Tgt Ion:146 Resp: 219321

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

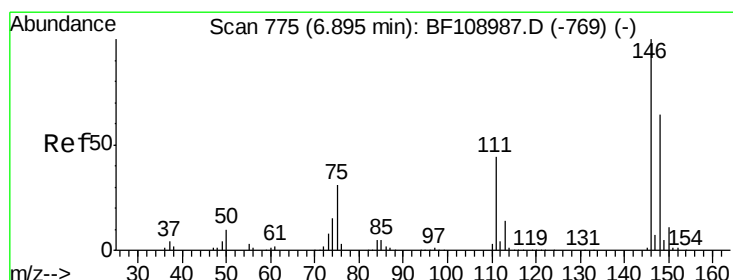
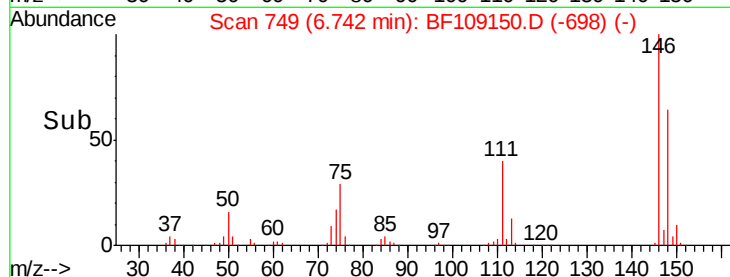
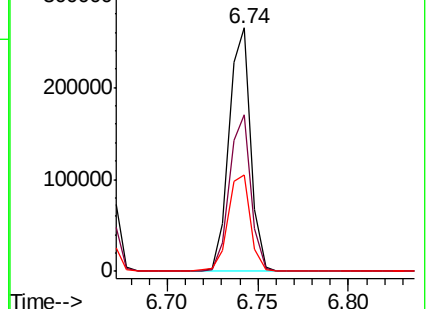
111 39.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 22.541 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

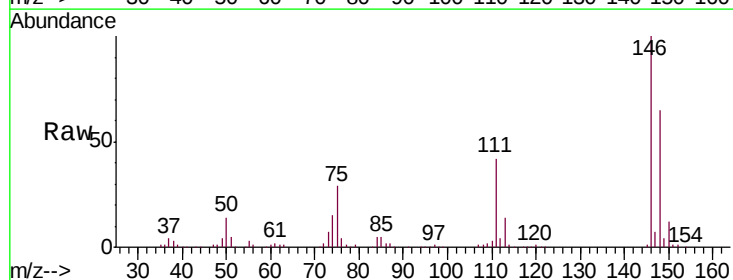
Tgt Ion:146 Resp: 202584

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

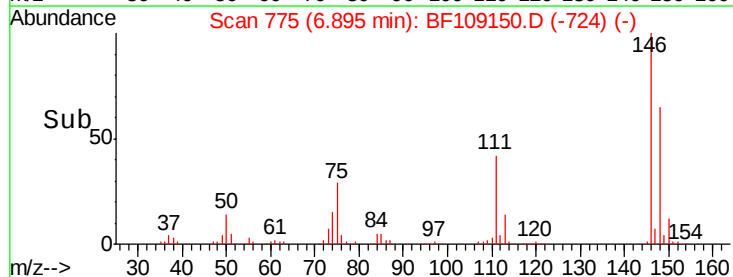
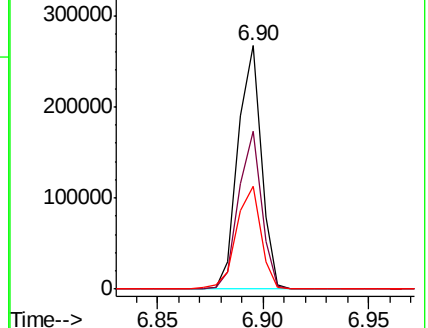
111 42.5 36.0 54.0

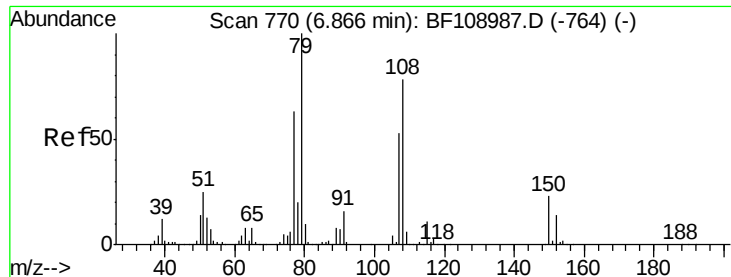


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.082 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

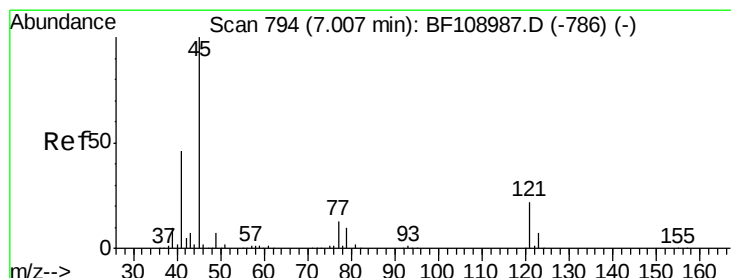
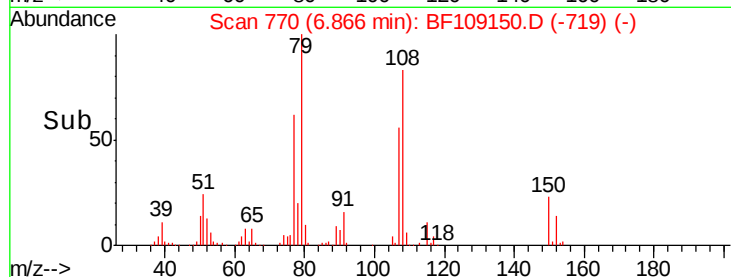
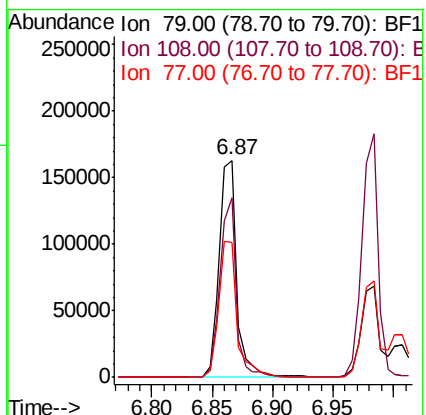
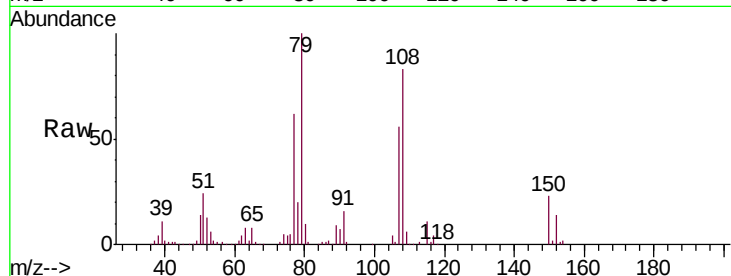
Tgt Ion: 79 Resp: 163216

Ion Ratio Lower Upper

79 100

108 82.7 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.184 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

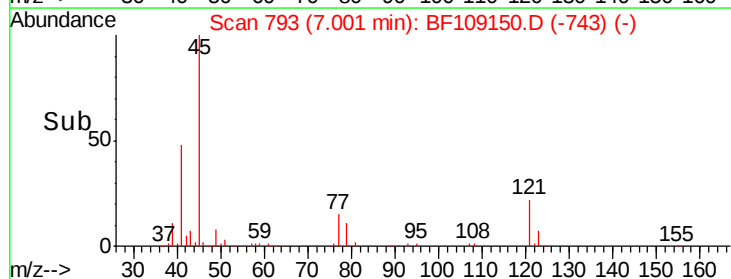
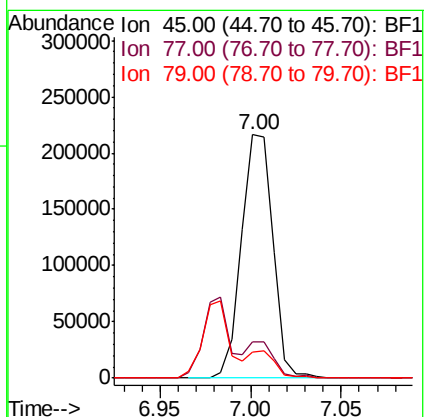
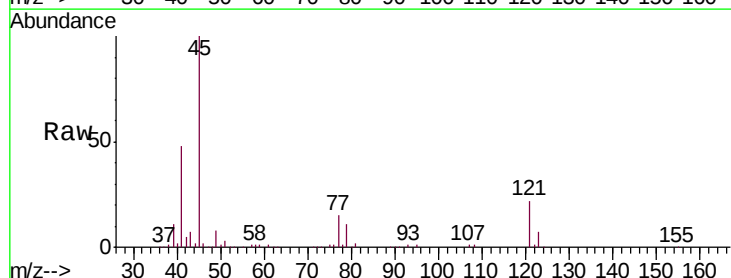
Tgt Ion: 45 Resp: 261590

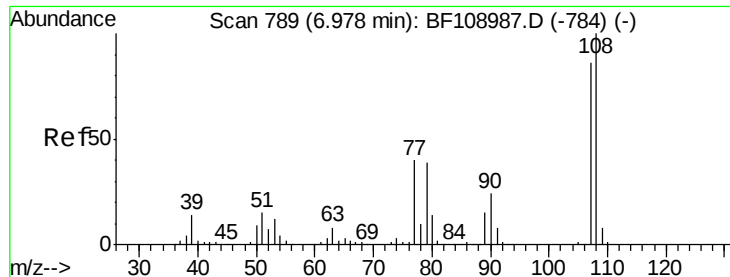
Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.9

79 10.8 0.0 29.6

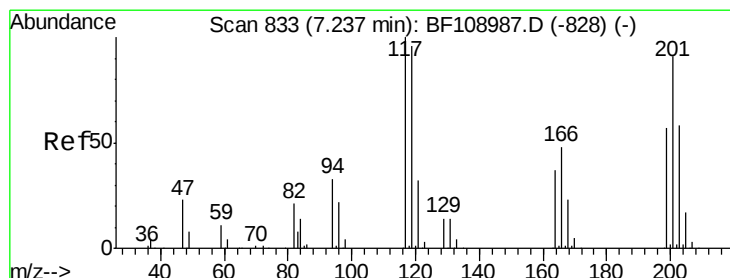
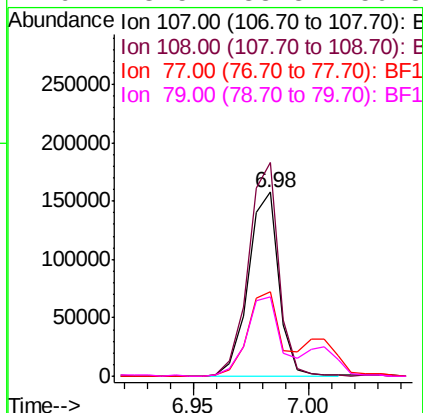
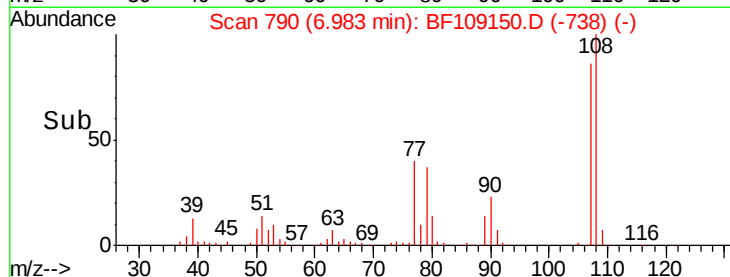
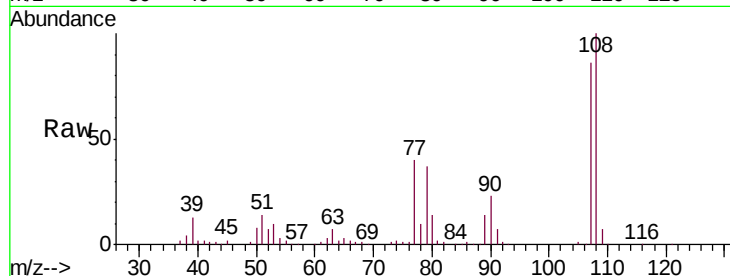




#17
2-Methylphenol
Concen: 21.254 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

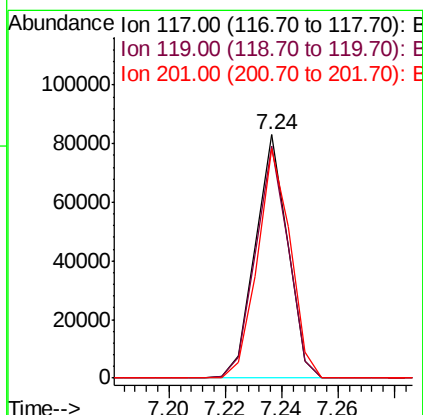
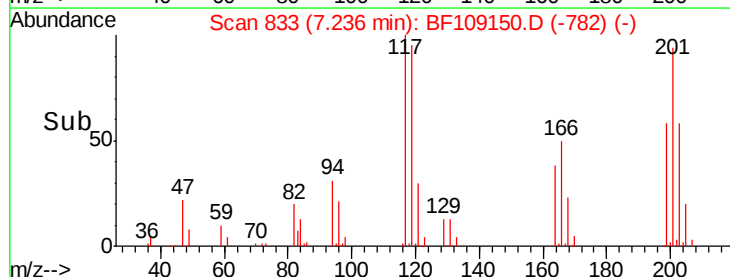
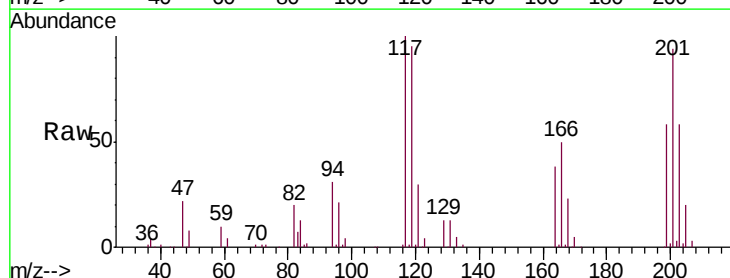
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

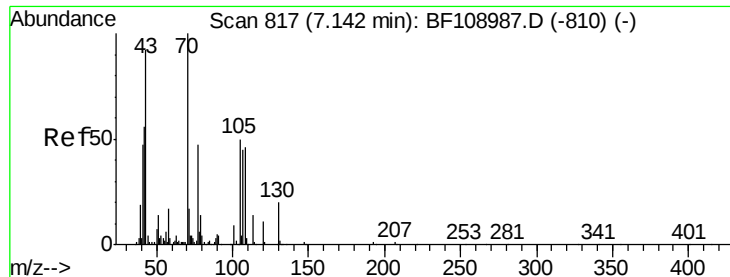
Tgt Ion:107 Resp: 146519
Ion Ratio Lower Upper
107 100
108 116.3 91.7 137.5
77 46.1 33.8 50.8
79 43.5 33.8 50.8



#18
Hexachloroethane
Concen: 18.737 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion:117 Resp: 65969
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 94.1 75.7 113.5

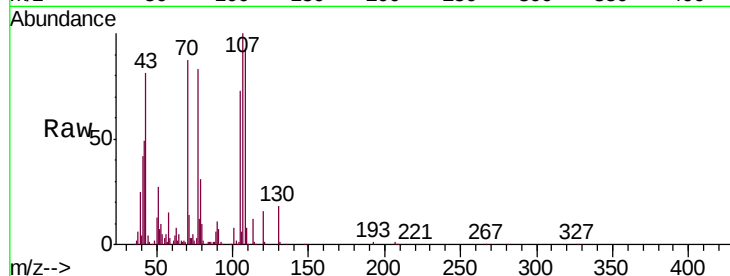




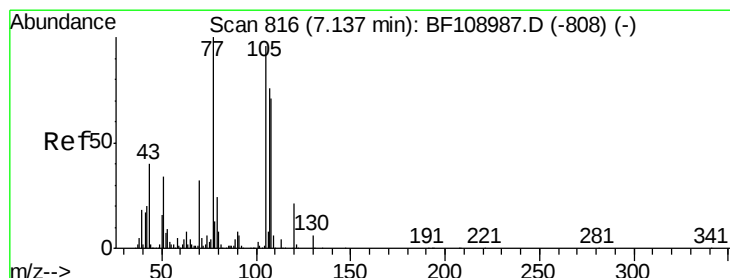
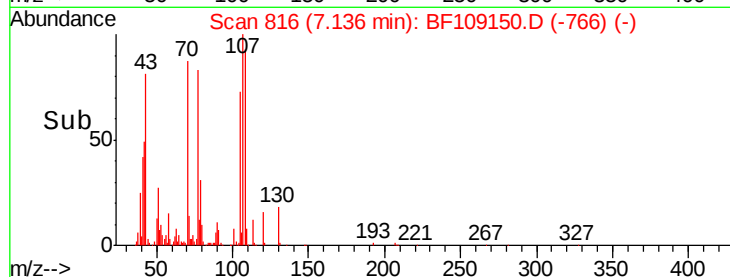
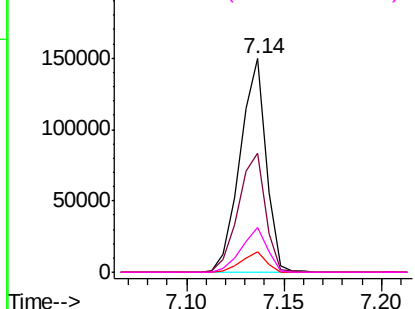
#19
n-Nitroso-di-n-propylamine
Concen: 21.486 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion: 70 Resp: 138272
Ion Ratio Lower Upper
70 100
42 55.9 47.5 71.3
101 9.8 7.4 11.2
130 20.8 16.6 25.0

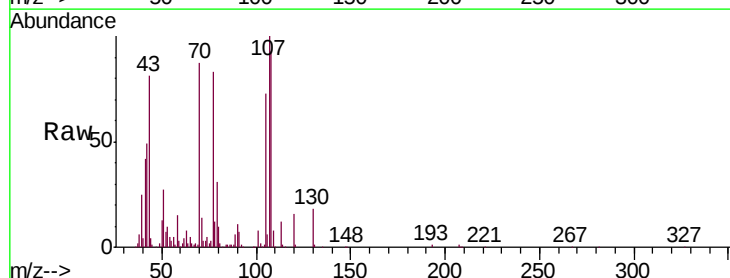


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

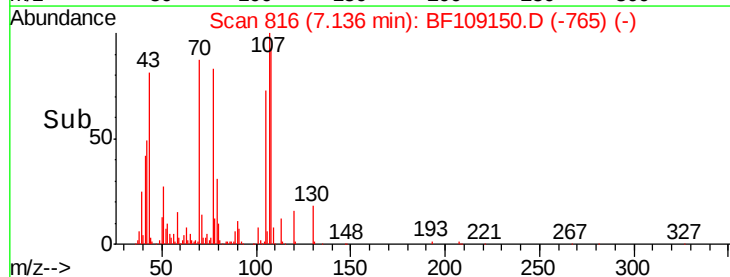
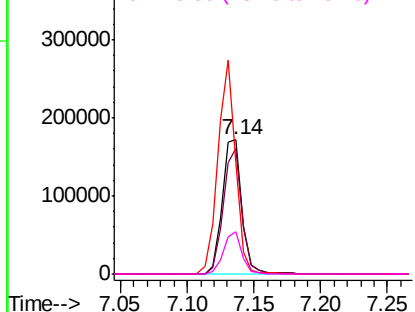


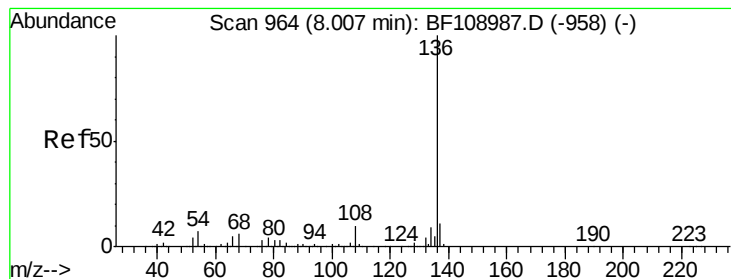
#20
3+4-Methylphenols
Concen: 21.613 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 107 Resp: 179446
Ion Ratio Lower Upper
107 100
108 93.4 68.2 108.2
77 83.0 26.7 66.7#
79 31.3 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

Tgt Ion:136 Resp: 450299

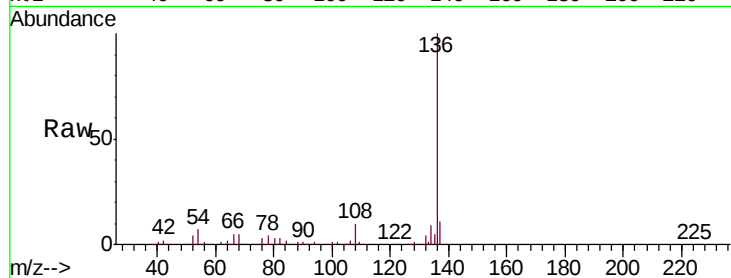
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

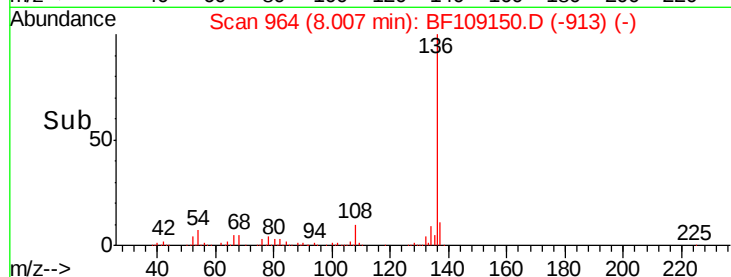


Abundance Ion 136.00 (135.70 to 136.70): E

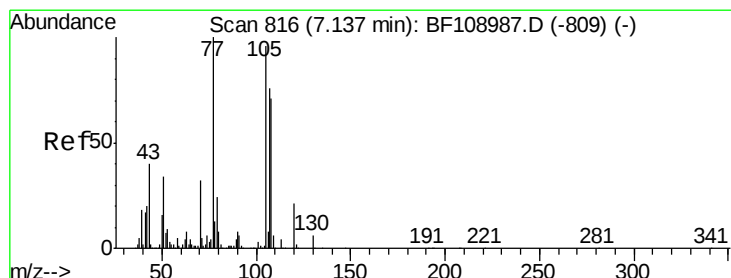
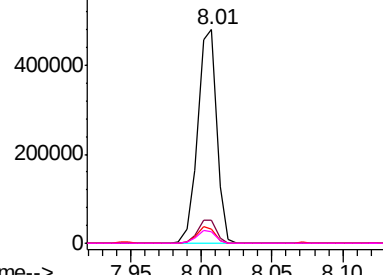
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 25.510 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Tgt Ion:105 Resp: 260870

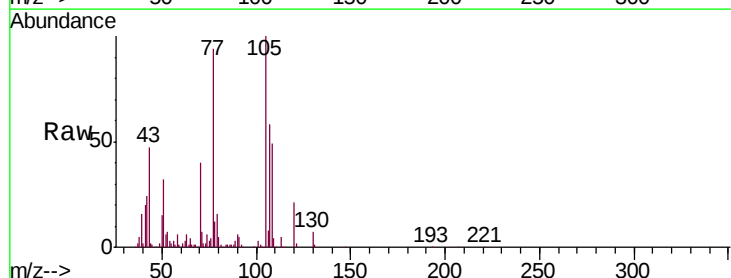
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 32.4 22.3 33.5

120 21.2 16.9 25.3

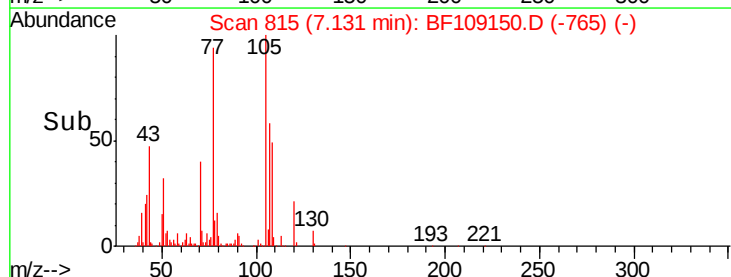


Abundance Ion 105.00 (104.70 to 105.70): E

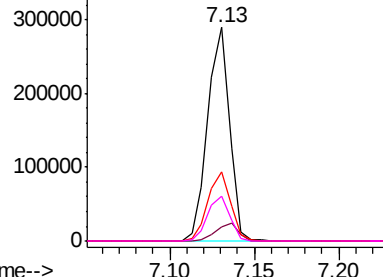
Ion 71.00 (70.70 to 71.70): BF1

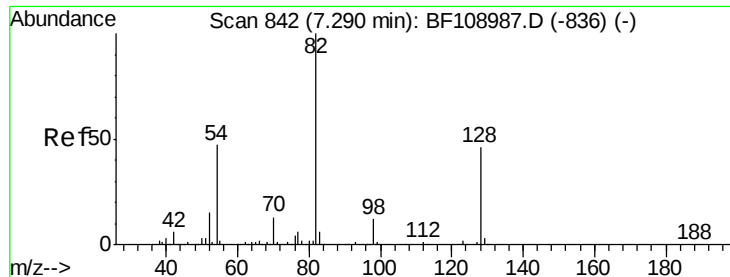
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

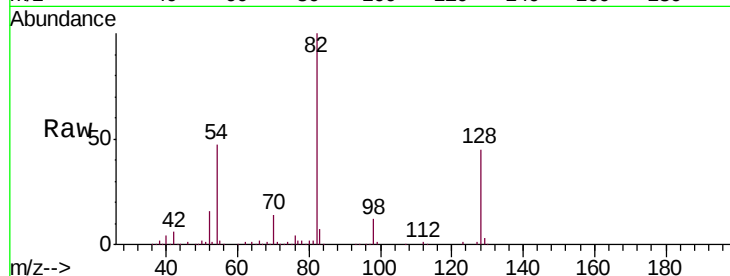




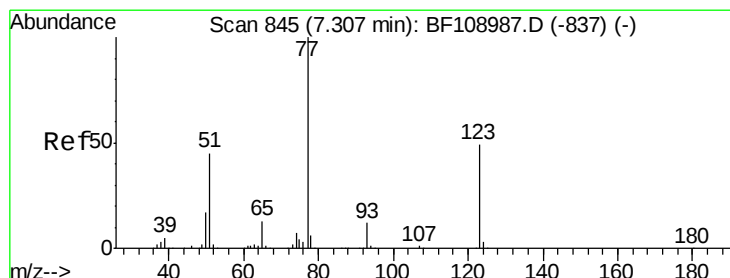
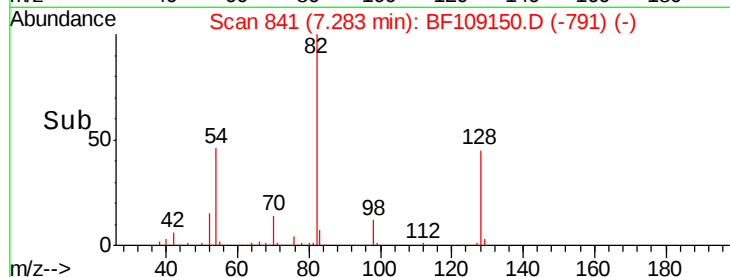
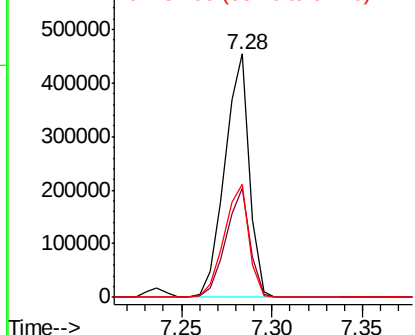
#23
 Nitrobenzene-d5
 Concen: 53.372 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Tgt Ion: 82 Resp: 428496
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 46.6 41.4 62.2

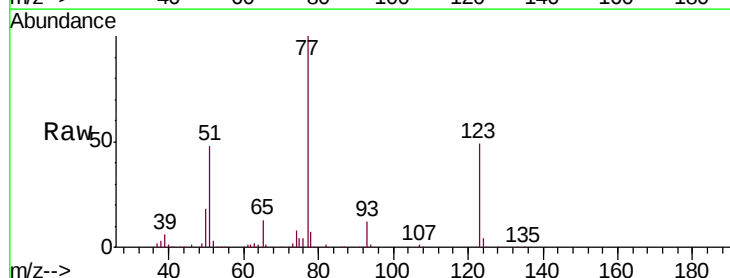


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

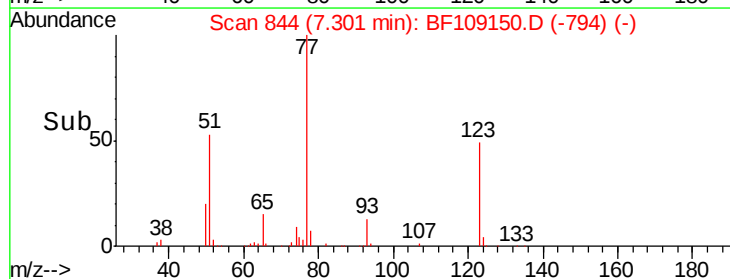
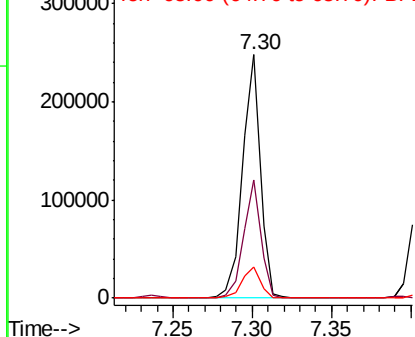


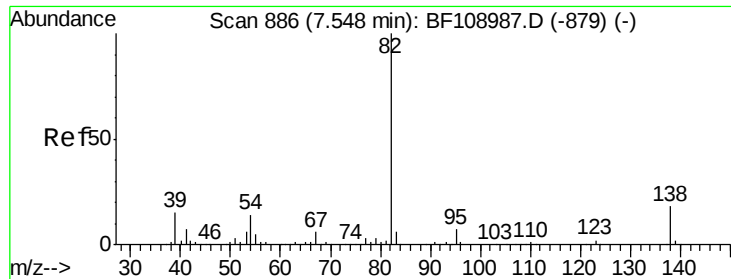
#24
 Nitrobenzene
 Concen: 23.376 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion: 77 Resp: 193492
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.9 56.9
 65 13.0 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

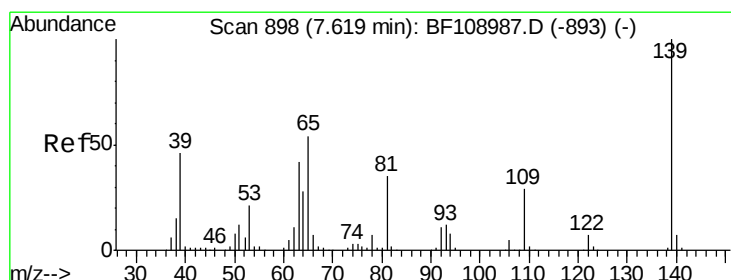
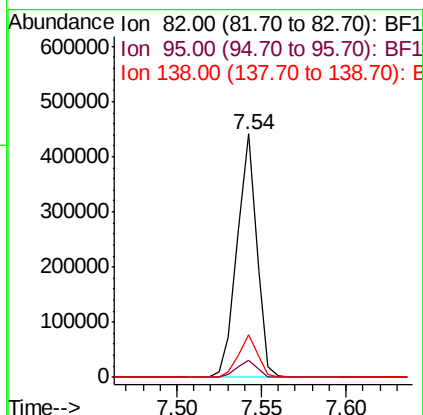
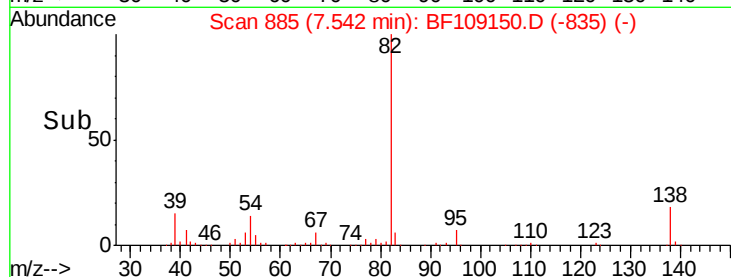
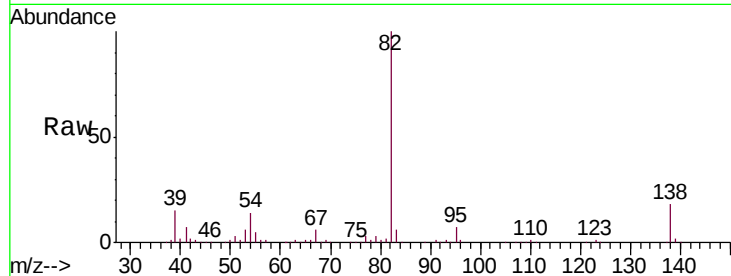




#25
Isophorone
Concen: 25.776 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

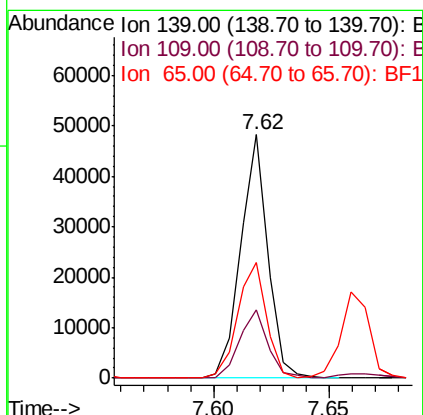
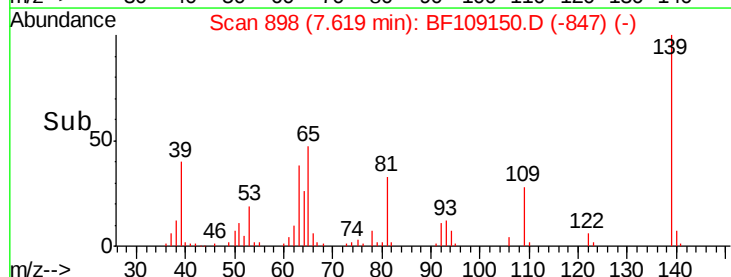
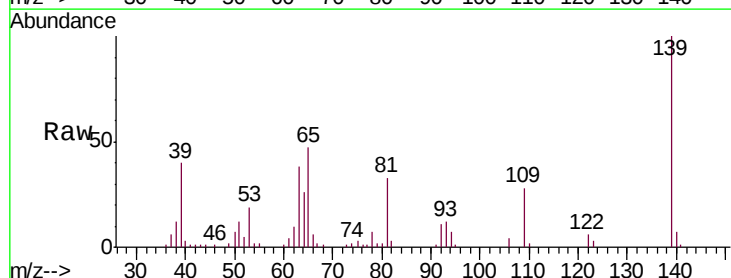
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

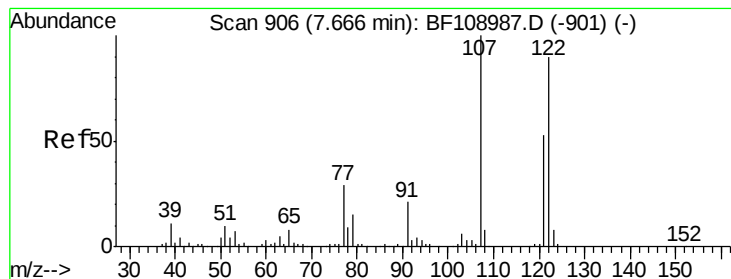
Tgt Ion: 82 Resp: 355721
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 17.8 14.9 22.3



#26
2-Nitrophenol
Concen: 10.214 ng
RT: 7.62 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 139 Resp: 39478
Ion Ratio Lower Upper
139 100
109 28.2 22.7 34.1
65 47.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 25.221 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

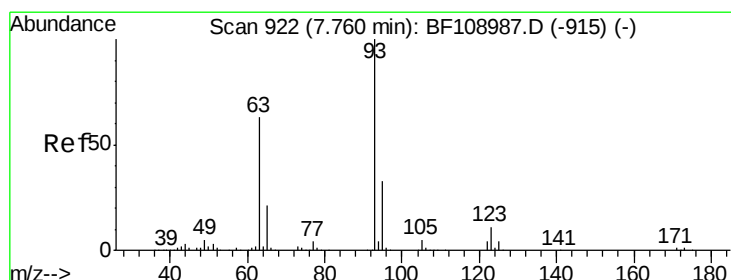
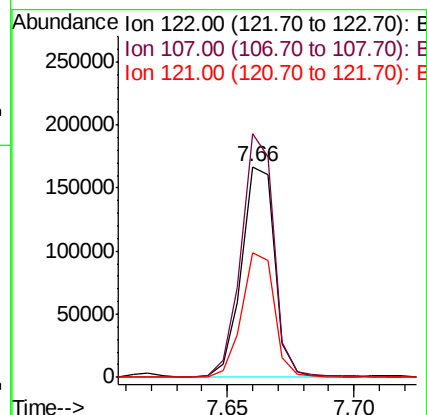
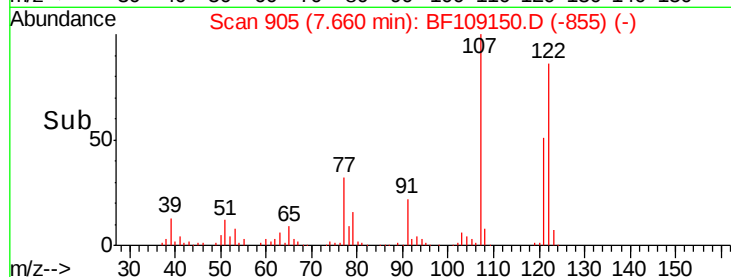
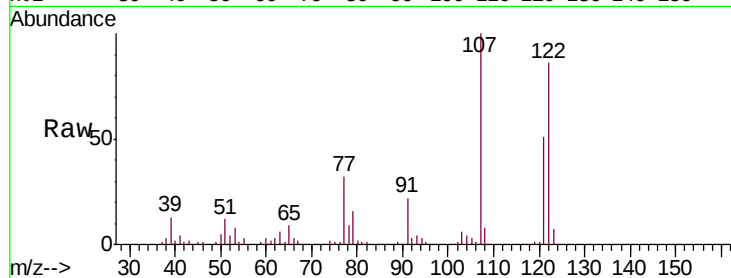
Tgt Ion:122 Resp: 152914

Ion Ratio Lower Upper

122 100

107 115.7 91.2 136.8

121 58.9 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 24.525 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

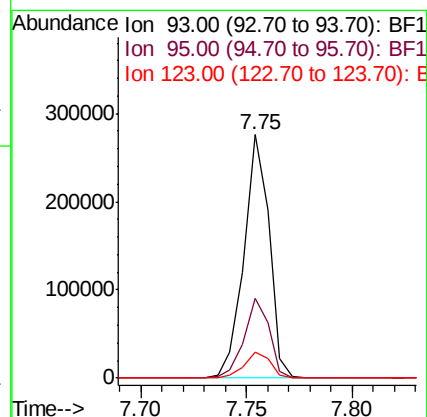
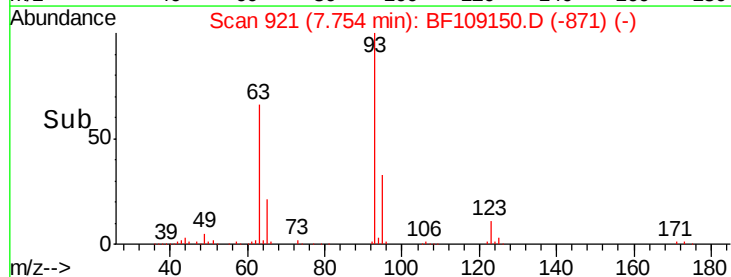
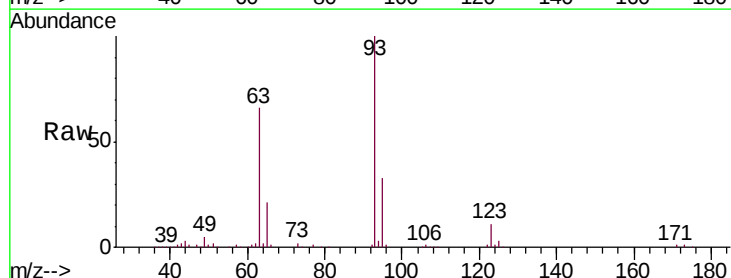
Tgt Ion: 93 Resp: 227760

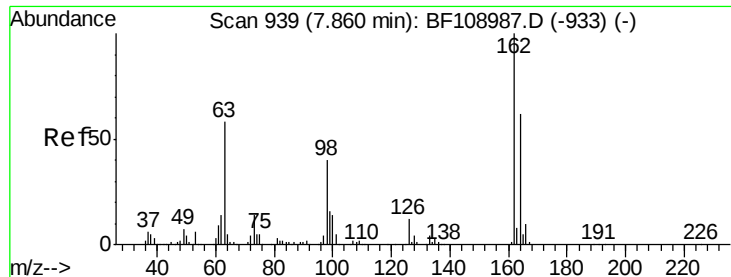
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 10.7 9.8 14.6

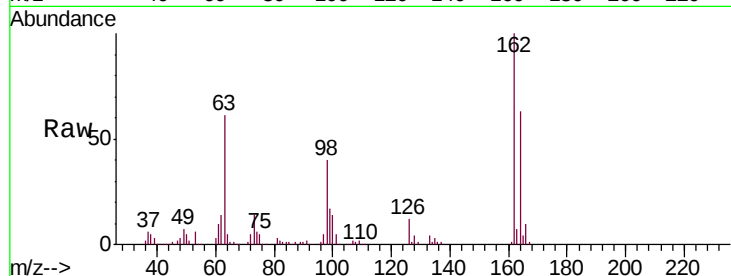




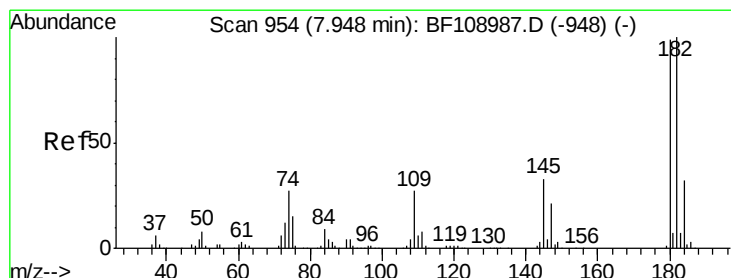
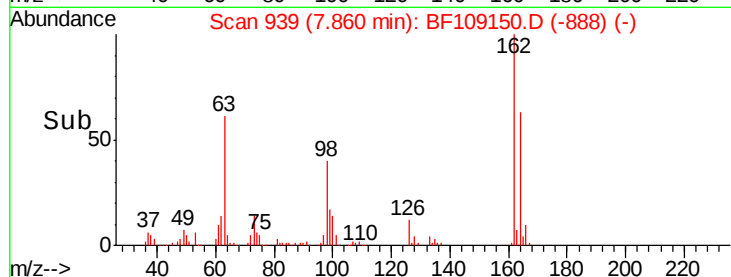
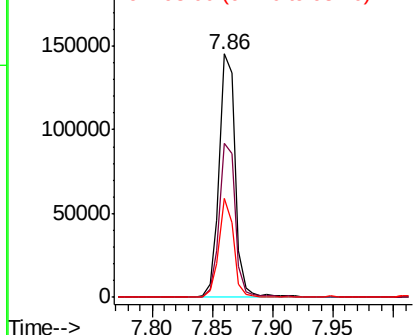
#29
2,4-Dichlorophenol
Concen: 20.654 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	40.4	18.1	58.1

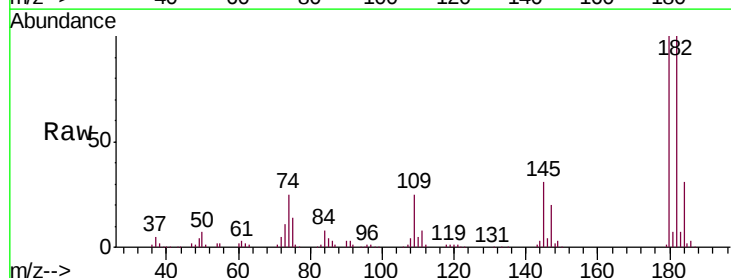


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

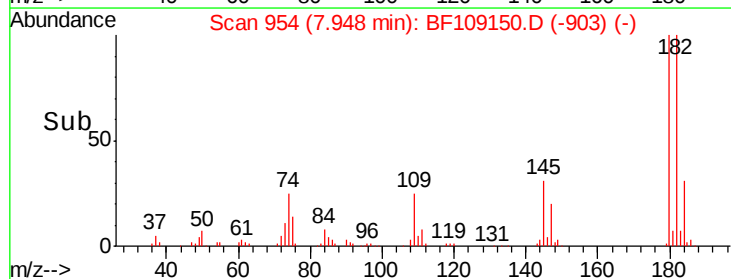
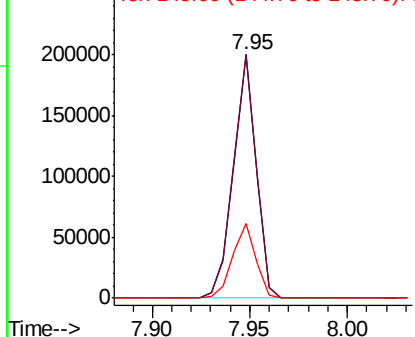


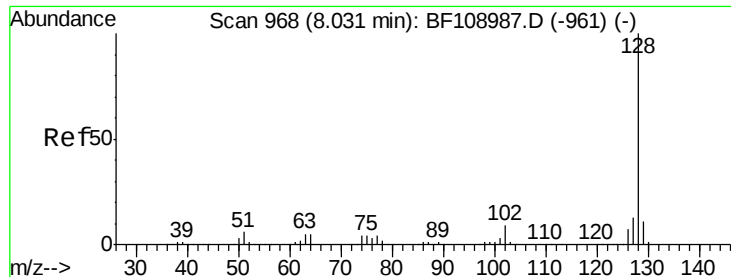
#30
1,2,4-Trichlorobenzene
Concen: 23.244 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	30.9	26.5	39.7



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

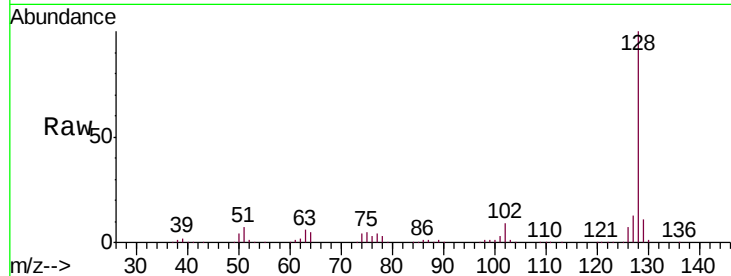




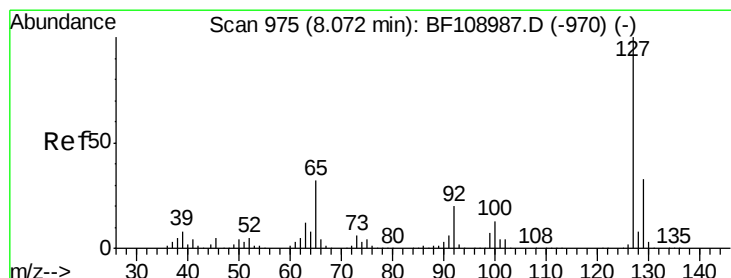
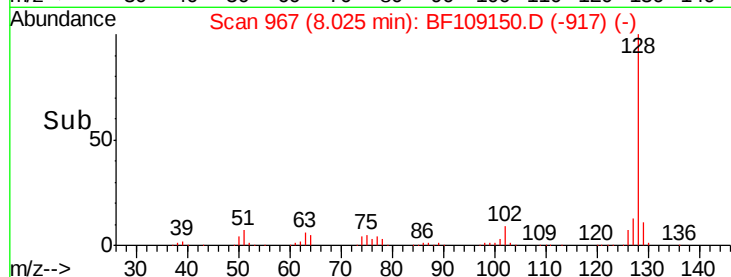
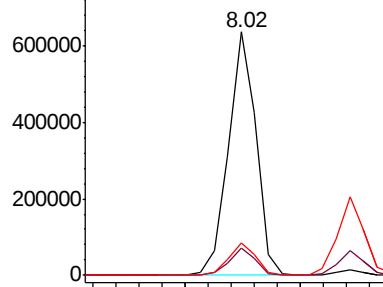
#31
Naphthalene
Concen: 25.357 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion:128 Resp: 529968
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3

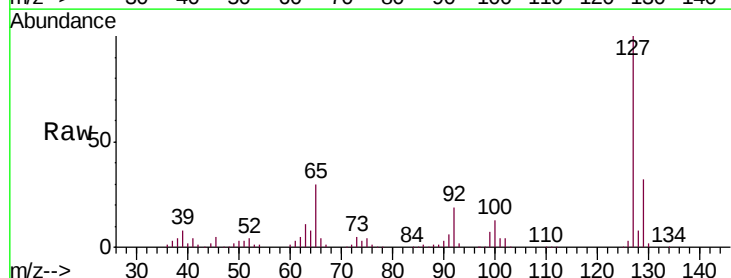


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

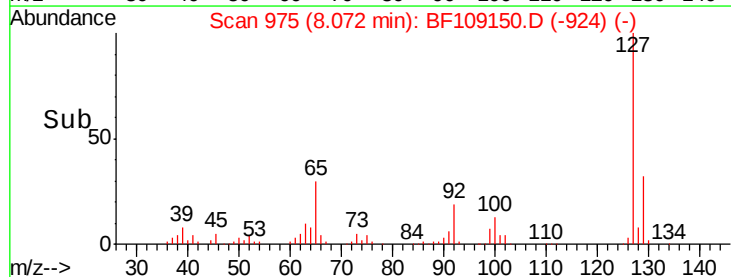
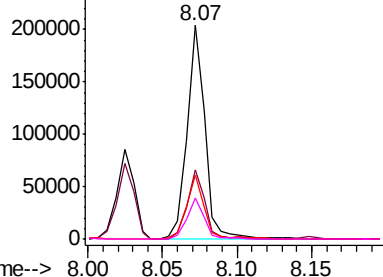


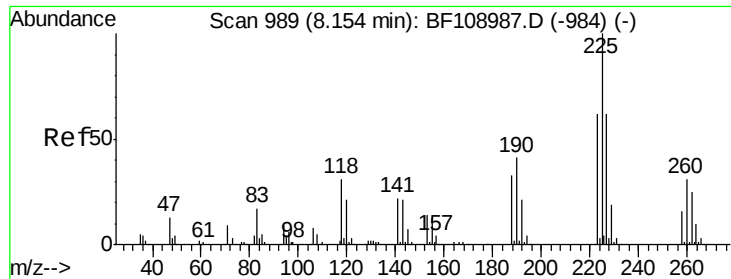
#33
4-Chloroaniline
Concen: 18.408 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion:127 Resp: 171060
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 30.2 25.0 37.4
92 19.0 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

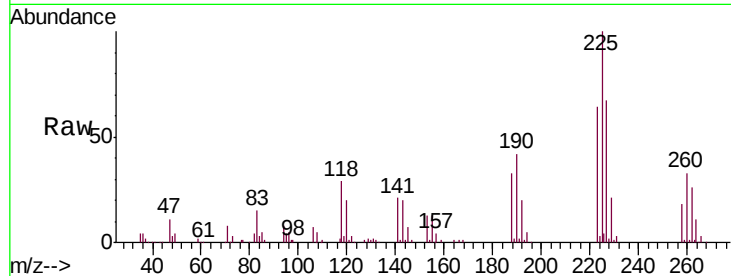




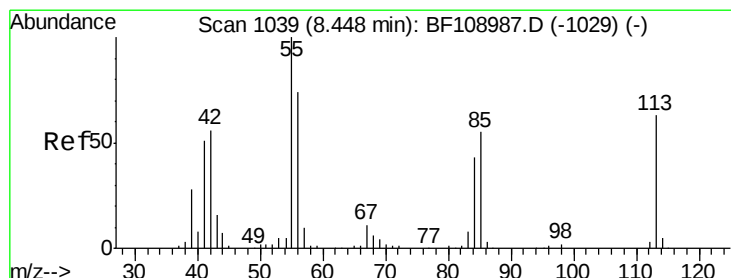
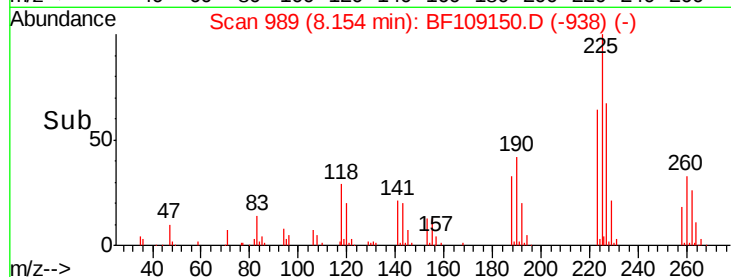
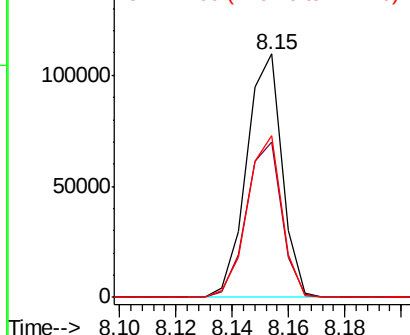
#34
Hexachlorobutadiene
Concen: 22.408 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion: 225 Resp: 95540
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 66.6 51.9 77.9

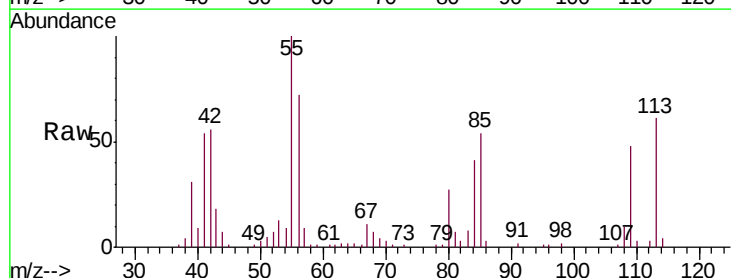


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

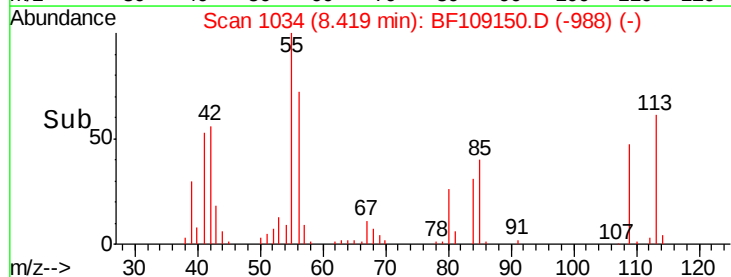
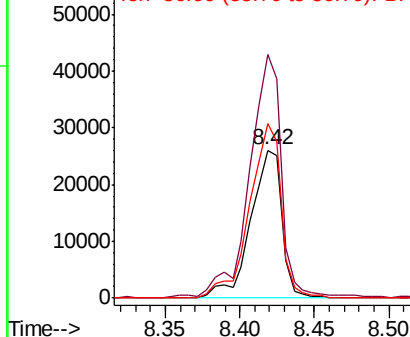


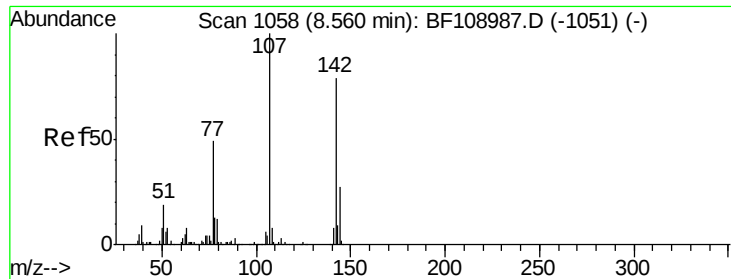
#35
Caprolactam
Concen: 17.784 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 113 Resp: 37459
Ion Ratio Lower Upper
113 100
55 164.9 163.3 203.3
56 118.0 115.7 155.7



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

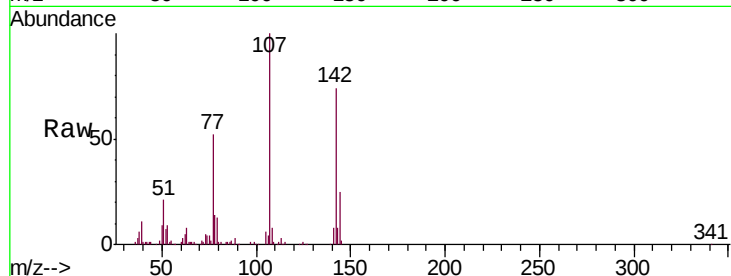




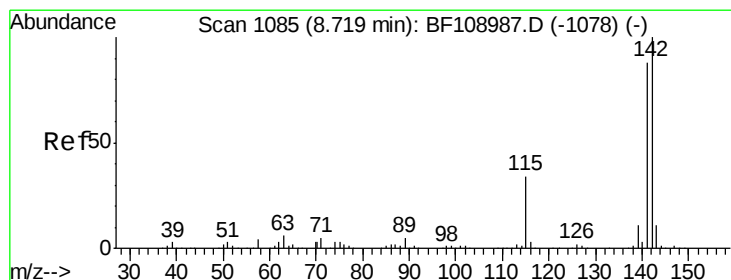
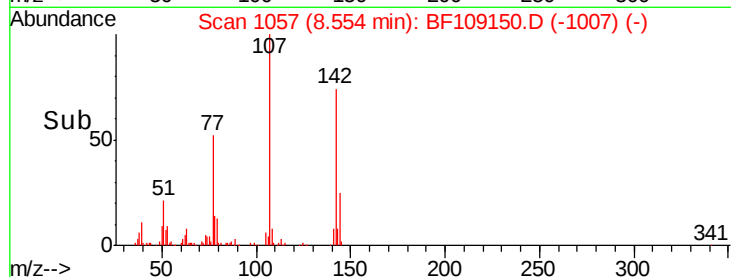
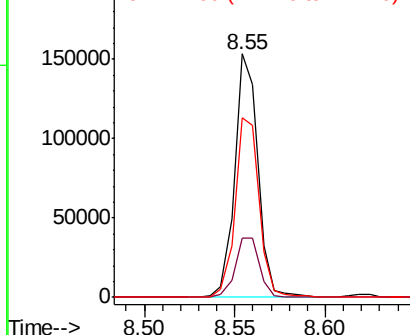
#36
 4-Chloro-3-methylphenol
 Concen: 20.121 ng
 RT: 8.55 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Tgt Ion:107 Resp: 136848
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 74.0 62.0 93.0

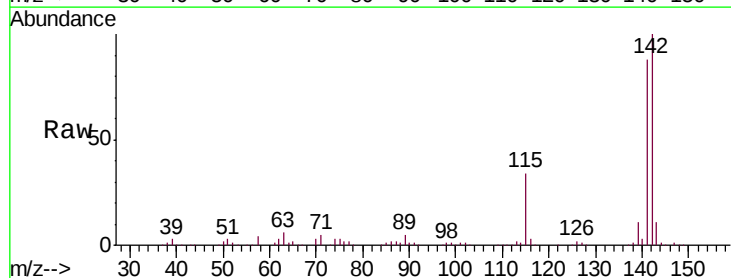


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

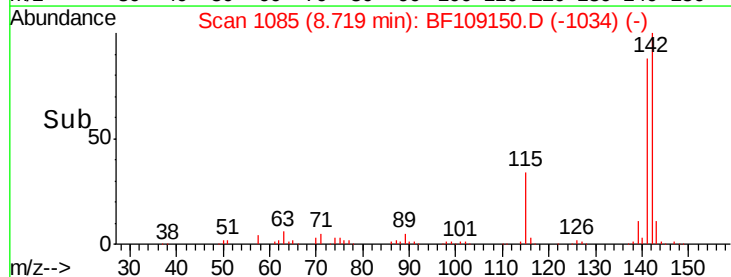
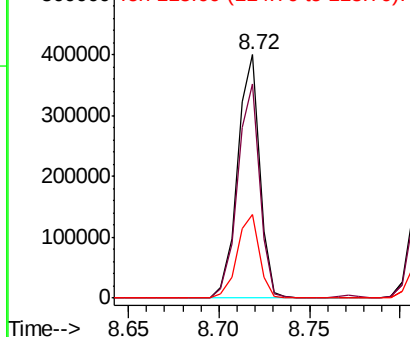


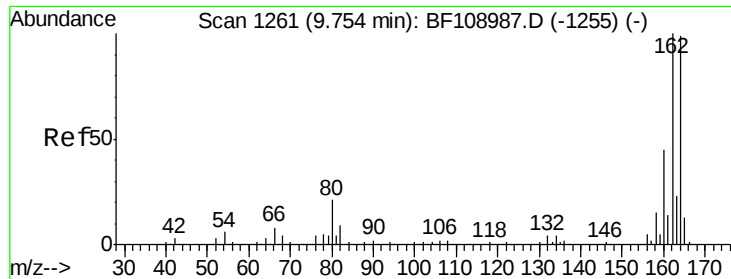
#37
 2-Methylnaphthalene
 Concen: 24.953 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion:142 Resp: 339966
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.8 106.2
 115 34.5 26.1 39.1



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

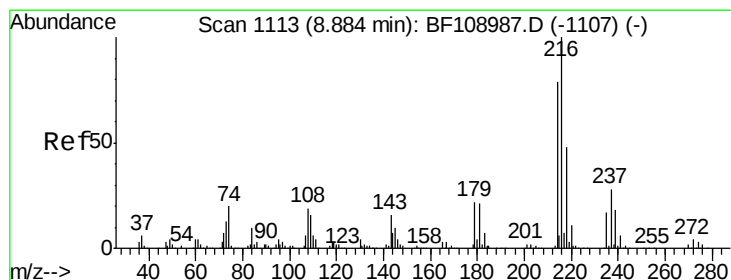
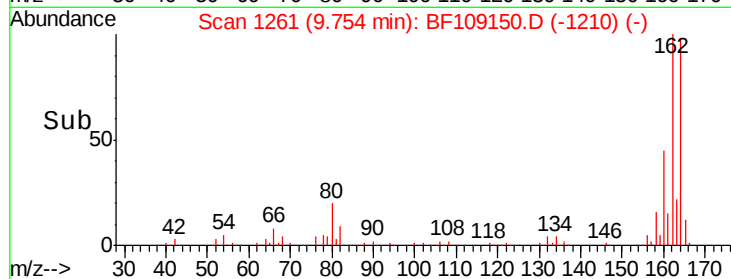
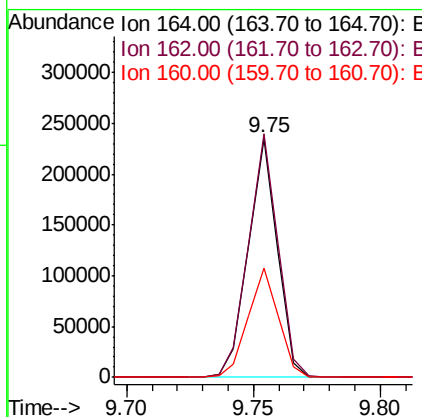
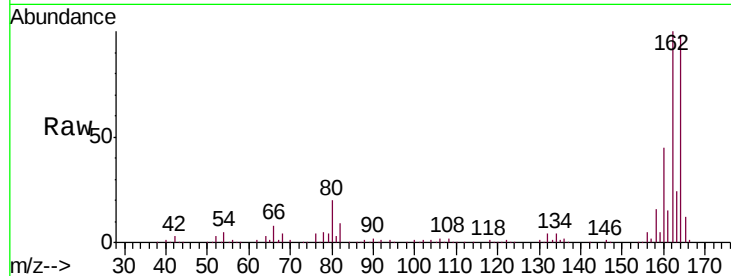




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

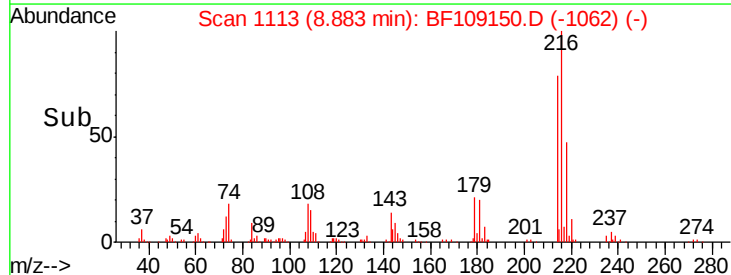
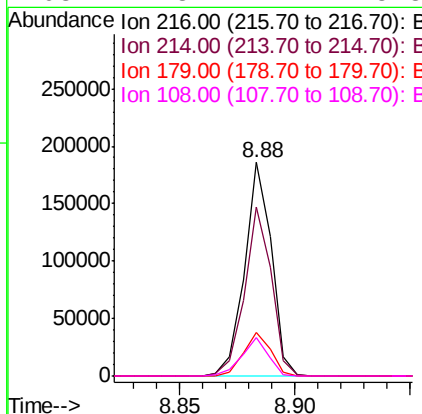
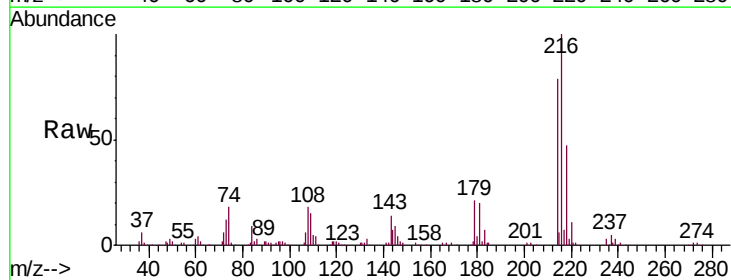
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

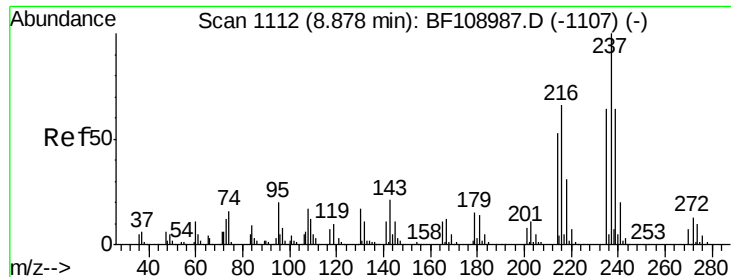
Tgt Ion:164 Resp: 188240
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.0 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.498 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion:216 Resp: 151066
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.0 94.4
 179 20.6 18.1 27.1
 108 17.8 17.2 25.8

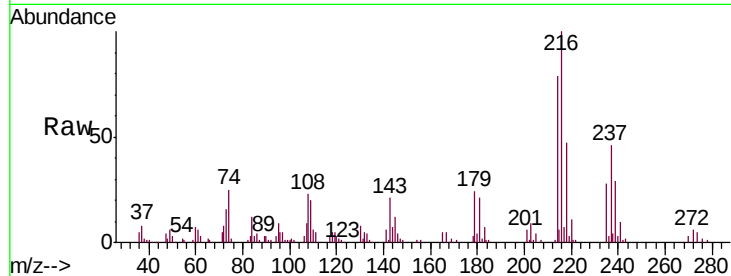




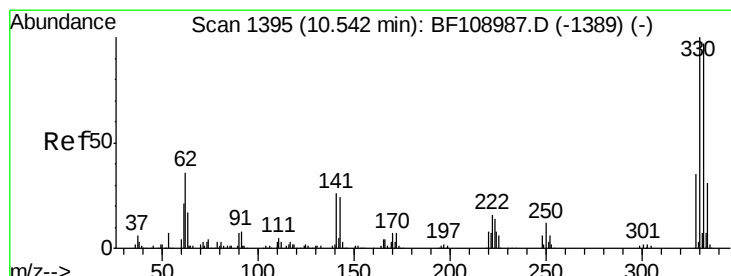
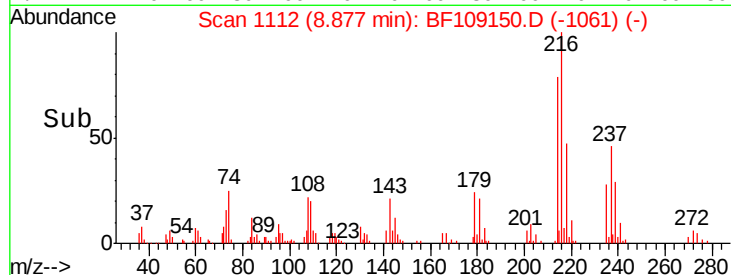
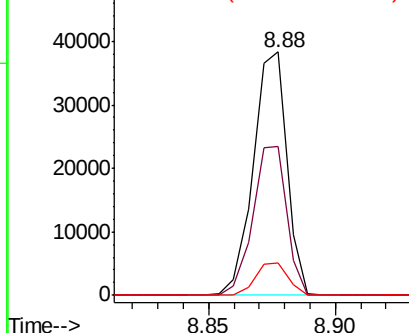
#40
Hexachlorocyclopentadiene
Concen: 11.963 ng
RT: 8.88 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion: 237 Resp: 35711
Ion Ratio Lower Upper
237 100
235 60.9 44.8 84.8
272 13.2 0.0 33.3

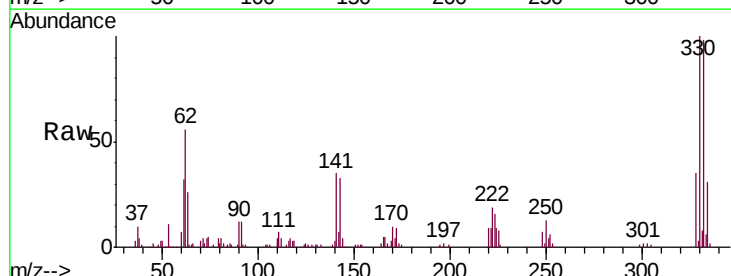


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

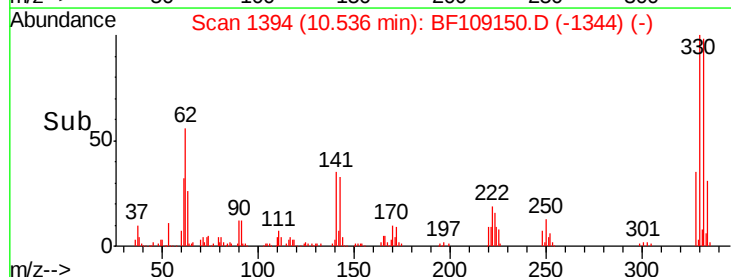
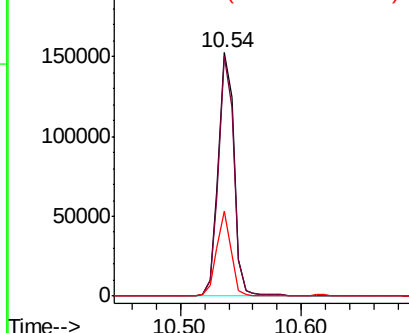


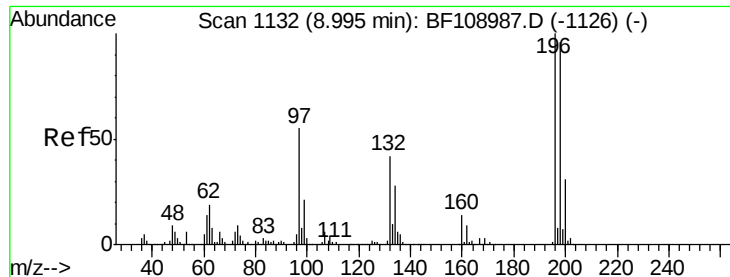
#41
2,4,6-Tribromophenol
Concen: 66.804 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 330 Resp: 136474
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 31.7 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 22.107 ng

RT: 9.00 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

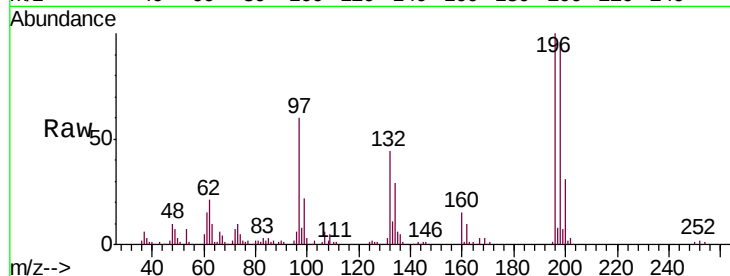
Tgt Ion:196 Resp: 88037

Ion Ratio Lower Upper

196 100

198 96.3 75.7 113.5

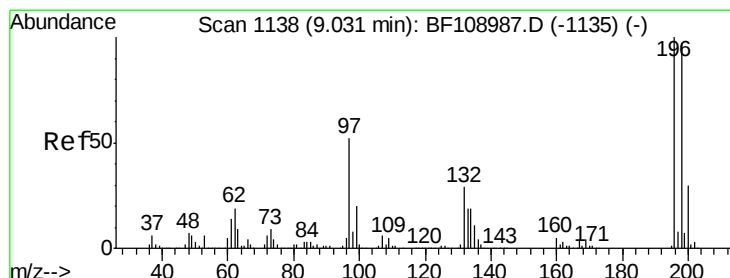
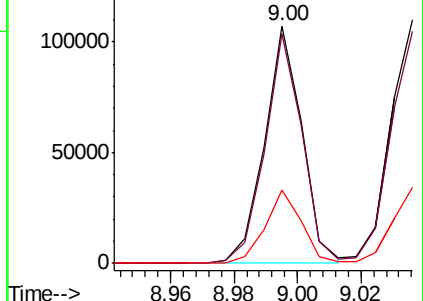
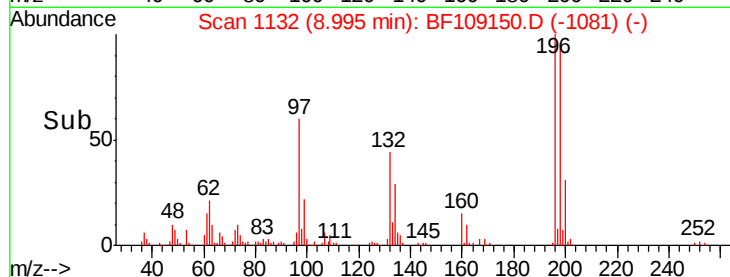
200 30.7 24.5 36.7



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: 21.754 ng

RT: 9.04 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Tgt Ion:196 Resp: 90531

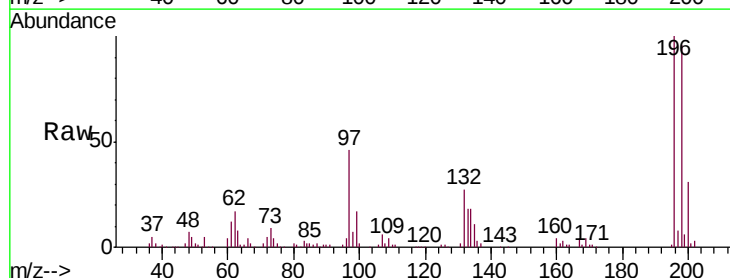
Ion Ratio Lower Upper

196 100

198 95.5 74.6 112.0

97 46.5 42.9 64.3

132 26.8 26.3 39.5

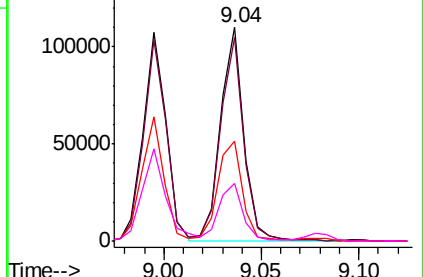
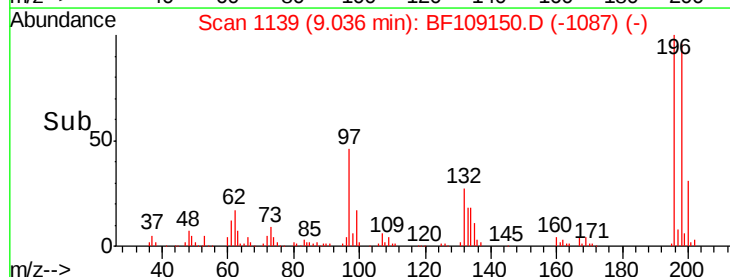


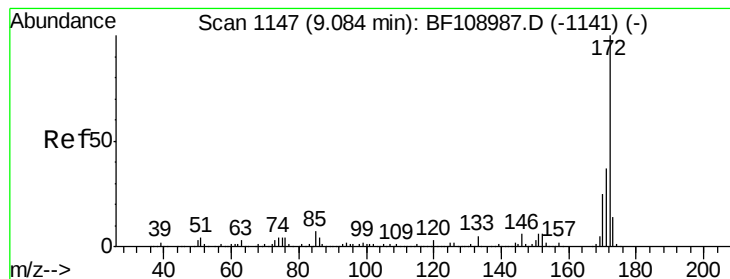
Abundance Ion 196.00 (195.70 to 196.70): E

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: 60.685 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

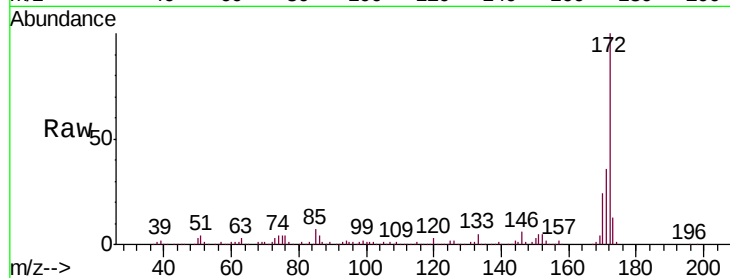
Tgt Ion:172 Resp: 729115

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

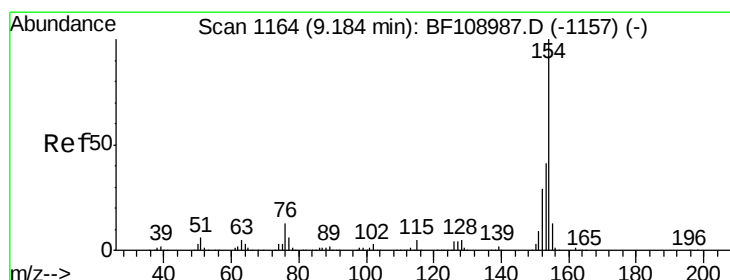
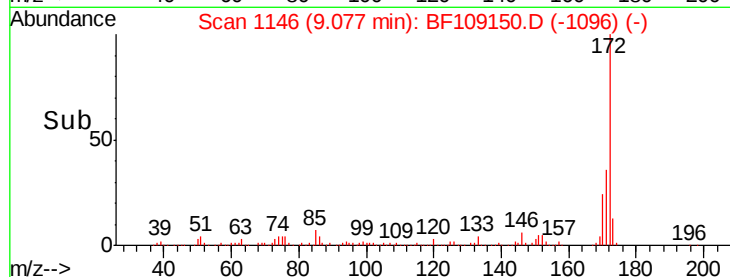
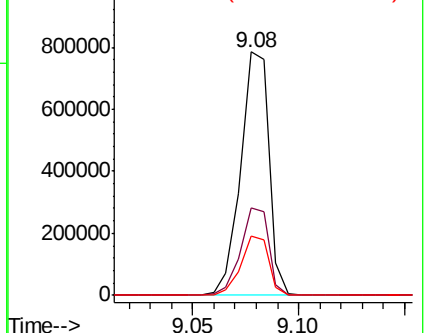
170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 26.064 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

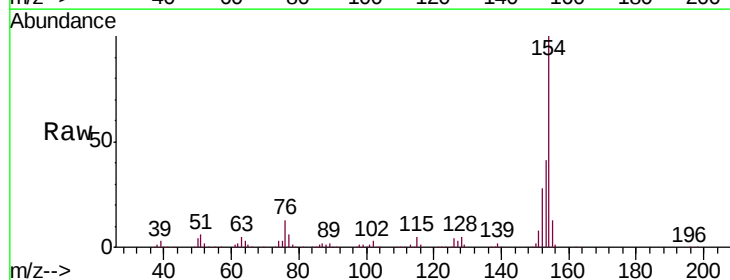
Tgt Ion:154 Resp: 392517

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

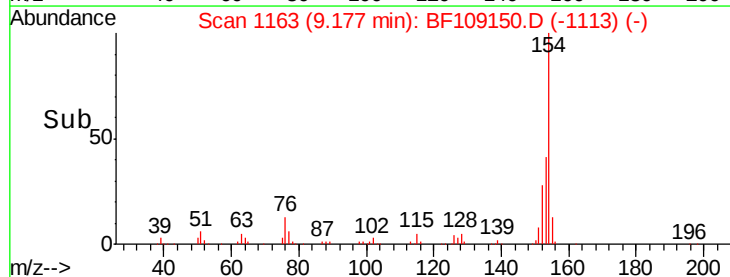
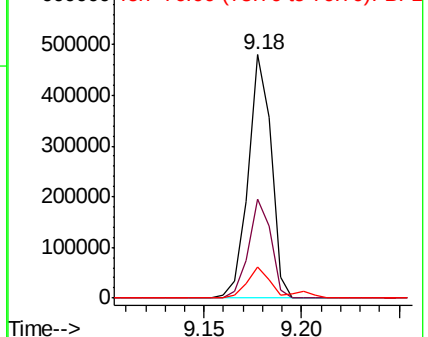
76 13.0 0.0 34.0

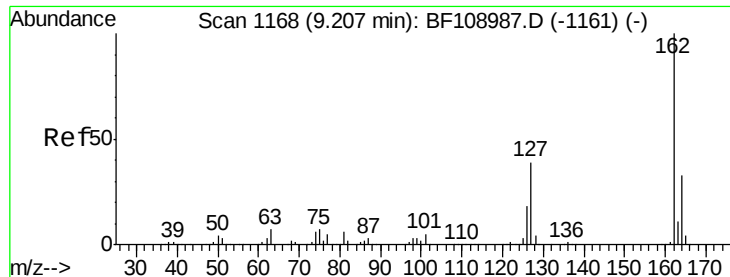


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

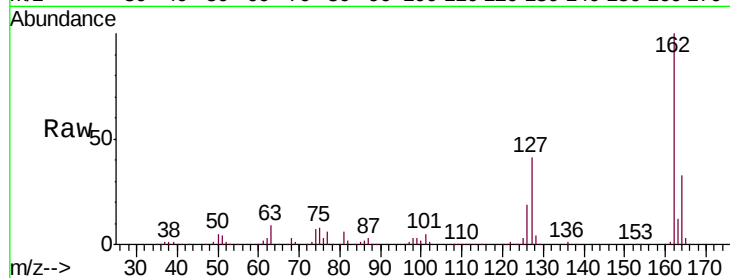




#46
 2-Chloronaphthalene
 Concen: 24.691 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.3	26.5	39.7

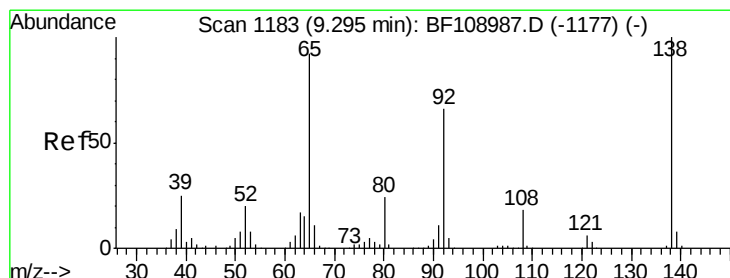
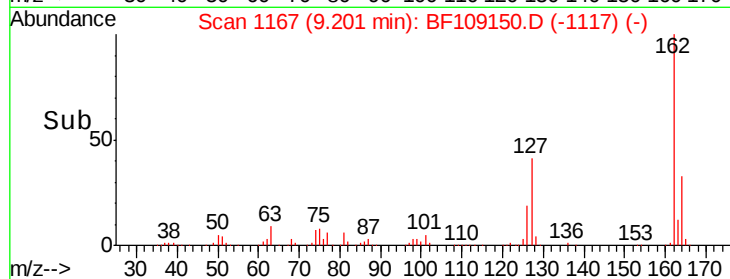
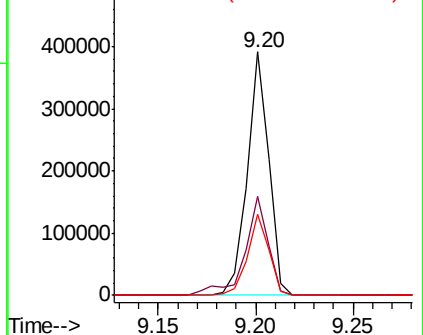


Abundance

Ion 162.00 (161.70 to 162.70): E

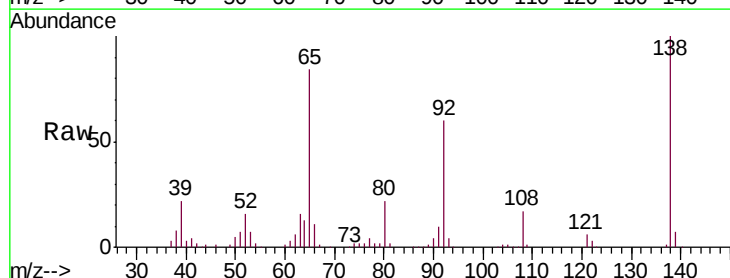
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
 2-Nitroaniline
 Concen: 22.775 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	55.8	83.6
138	119.3	91.2	136.8

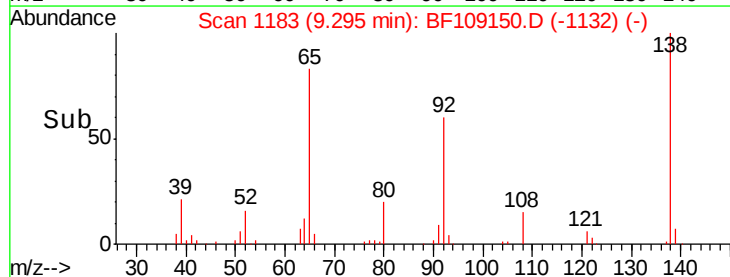
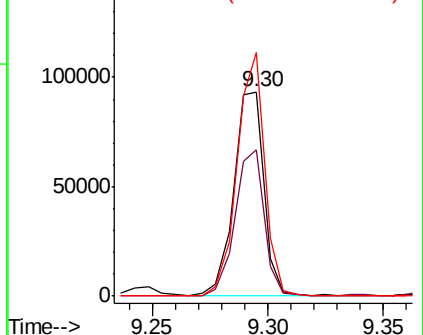


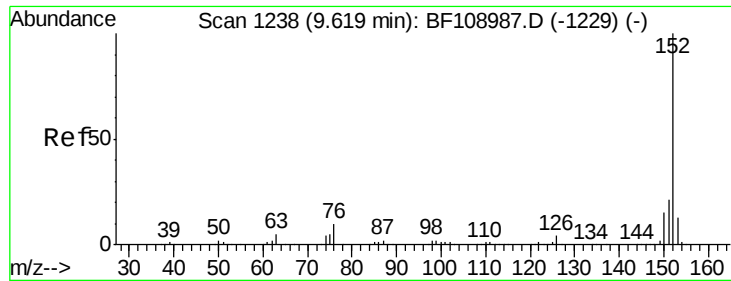
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 25.483 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

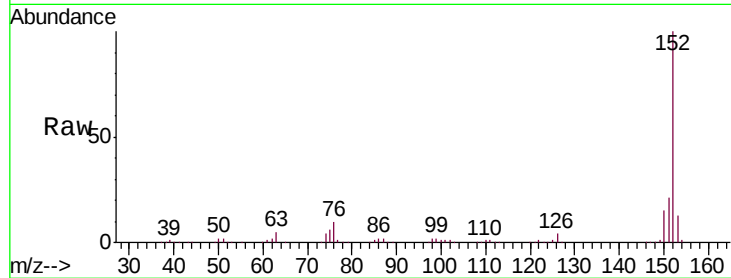
Tgt Ion:152 Resp: 463395

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

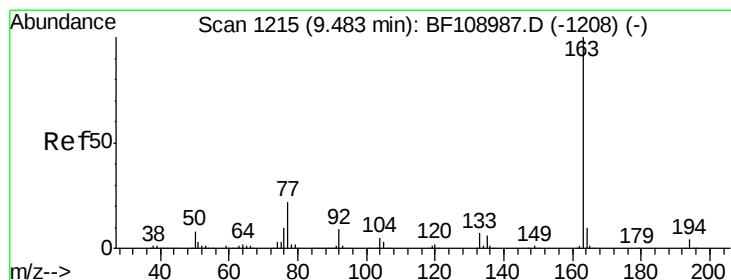
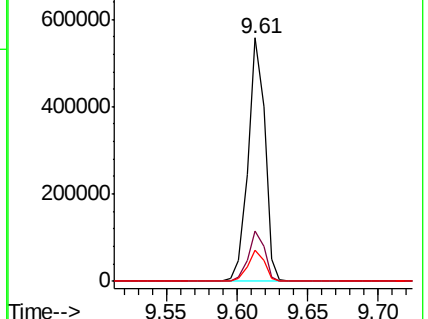
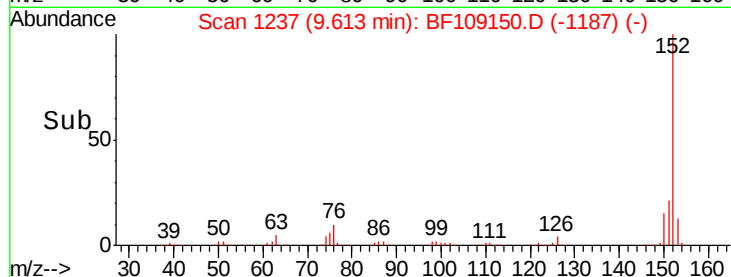
153 12.9 10.7 16.1



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: 33.029 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

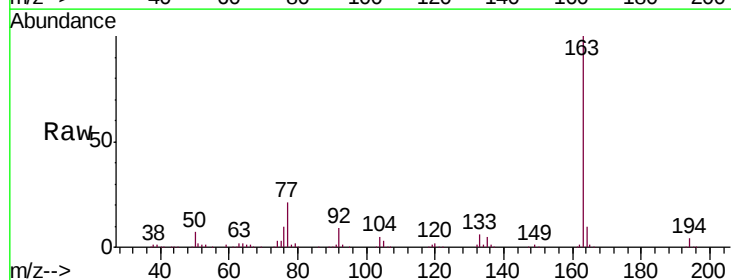
Tgt Ion:163 Resp: 444379

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

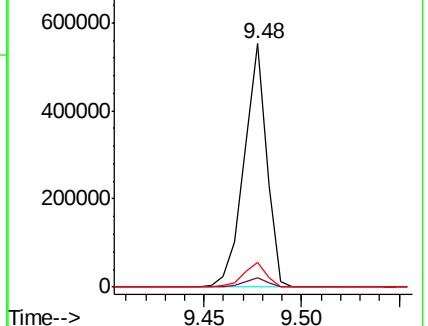
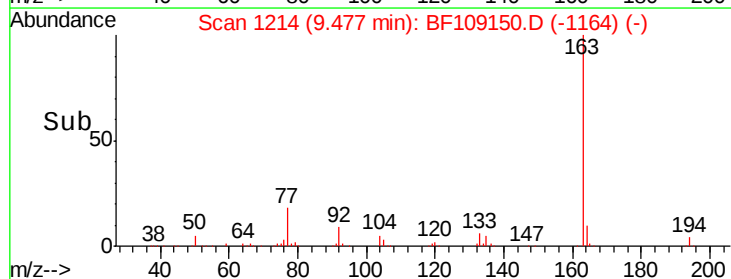
164 10.1 8.2 12.2

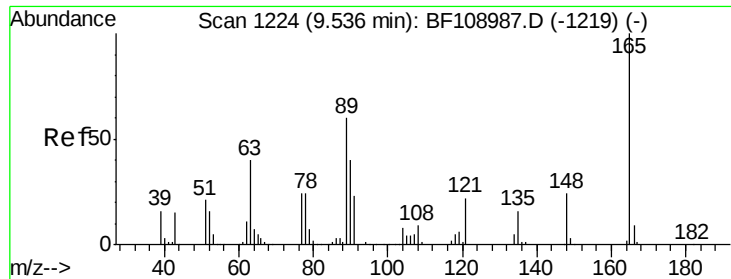


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

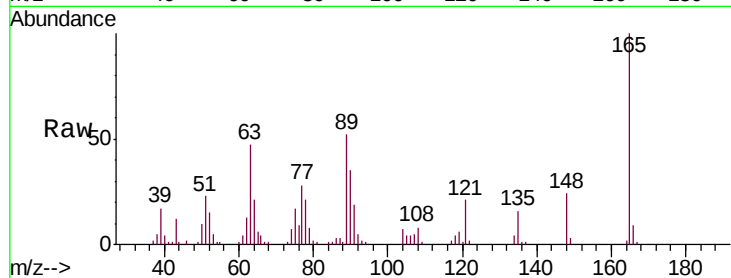




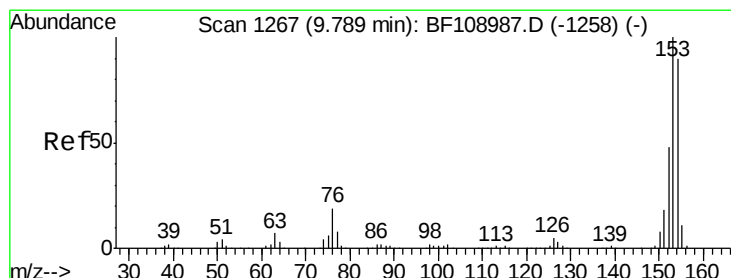
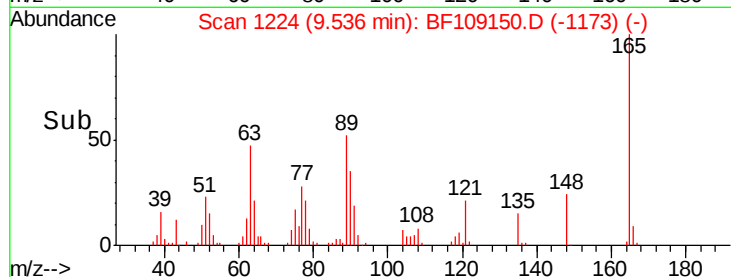
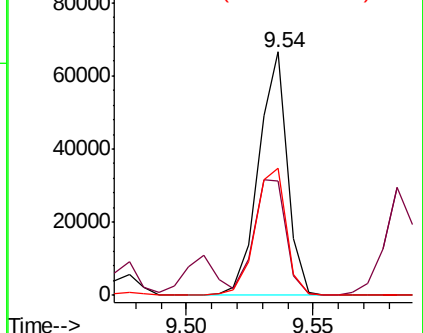
#50
 2,6-Dinitrotoluene
 Concen: 17.544 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	44.7	67.1
89	52.2	44.0	66.0

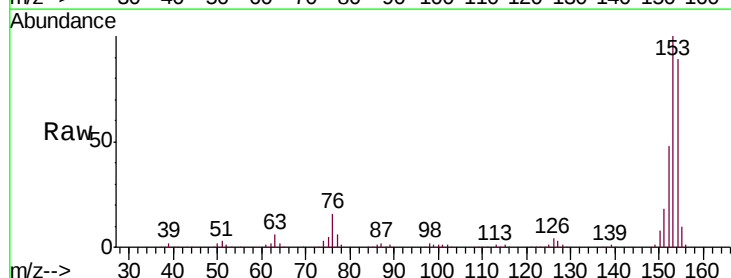


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

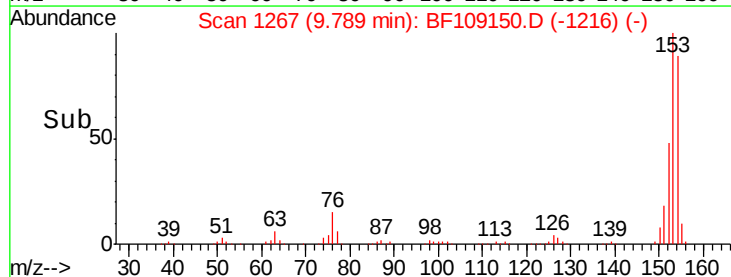
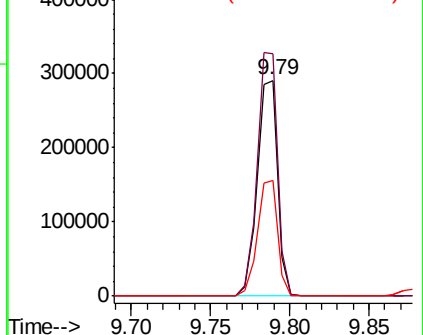


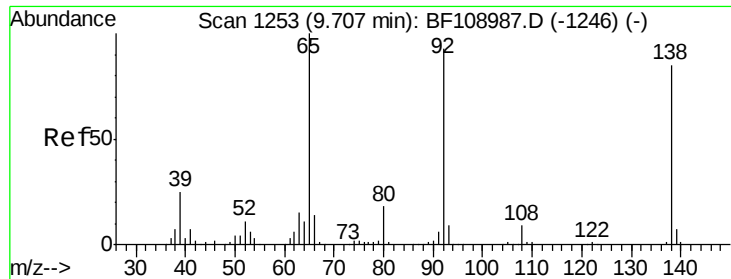
#51
 Acenaphthene
 Concen: 23.116 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	53.6	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

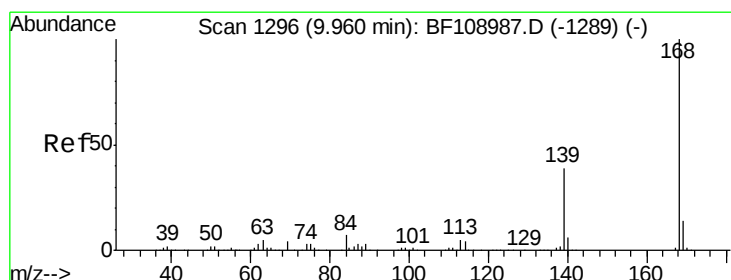
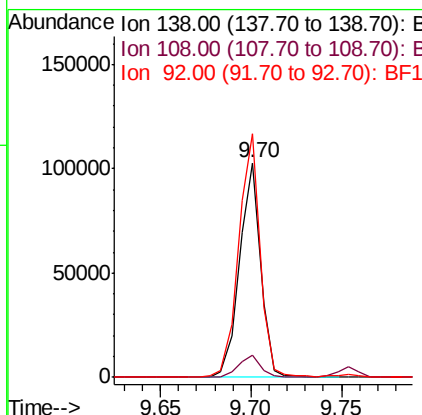
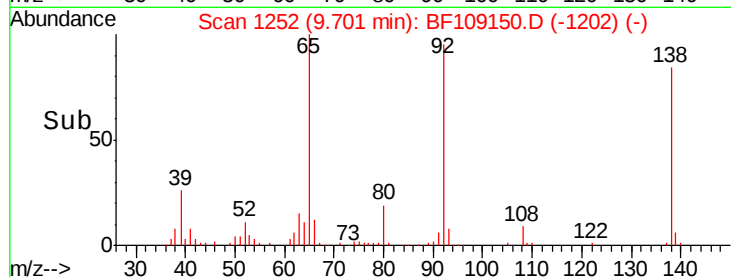
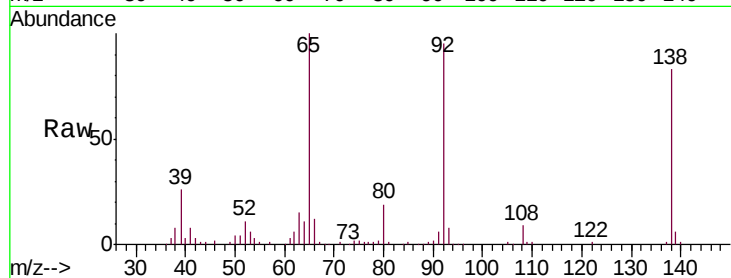




#52
3-Nitroaniline
Concen: 23.710 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

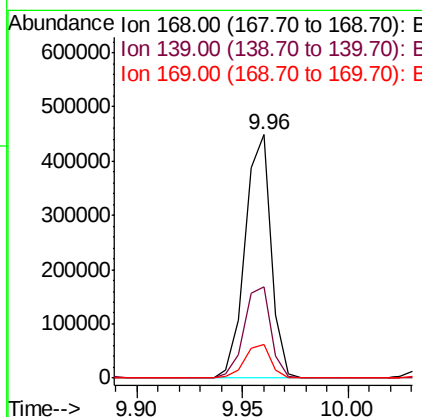
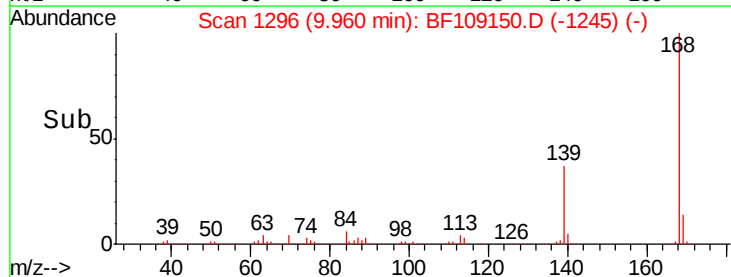
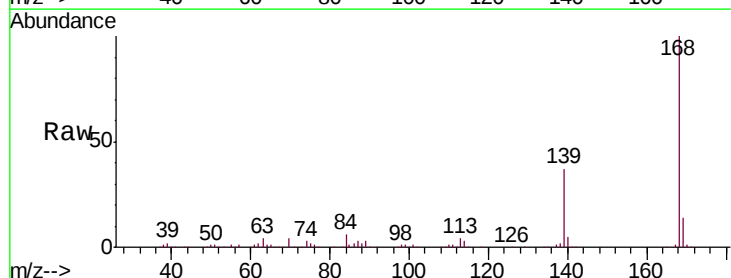
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

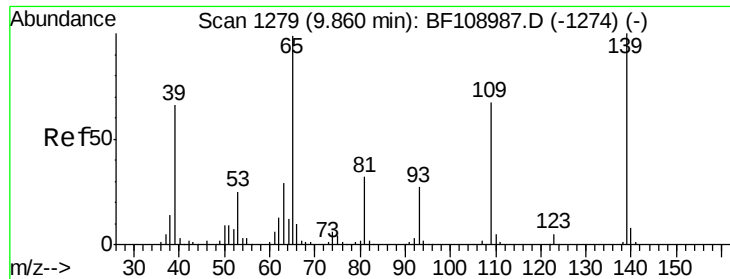
Tgt Ion:138 Resp: 83300
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 113.5 89.4 134.2



#54
Dibenzofuran
Concen: 23.406 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion:168 Resp: 382989
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.7 10.9 16.3

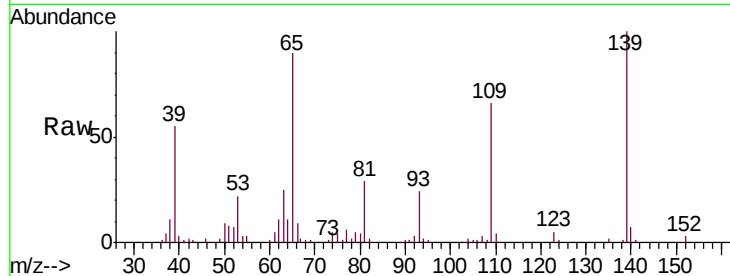




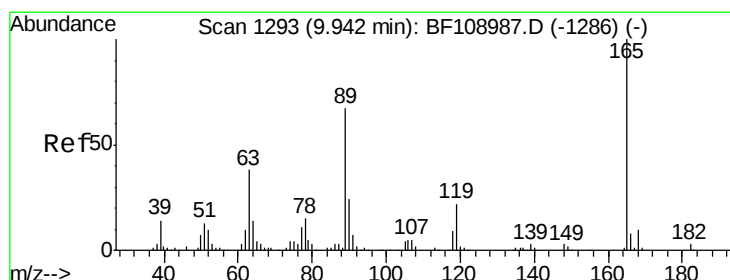
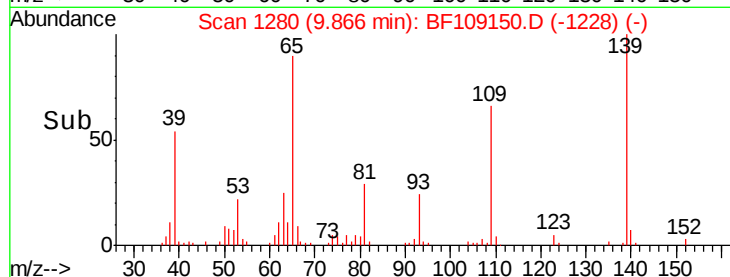
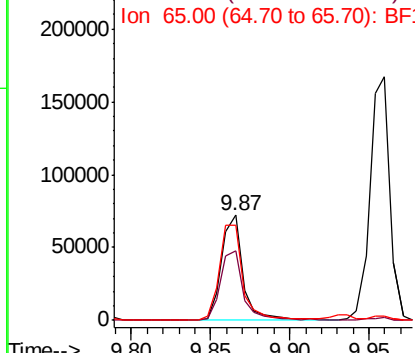
#55
4-Nitrophenol
Concen: 26.686 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion:139 Resp: 69077
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 90.1 72.6 112.6

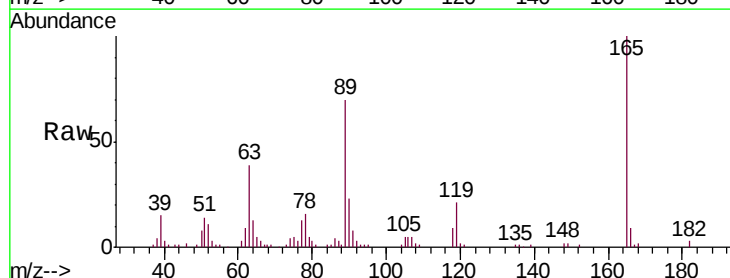


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

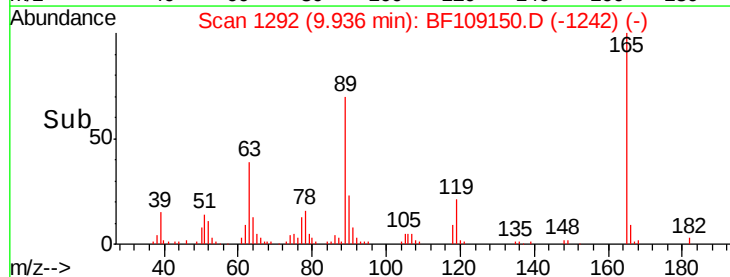
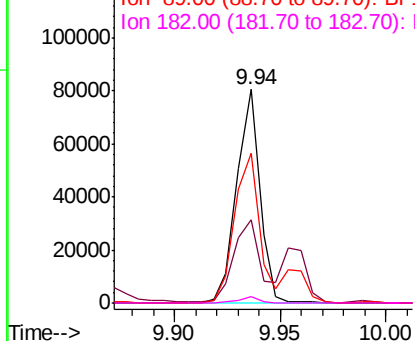


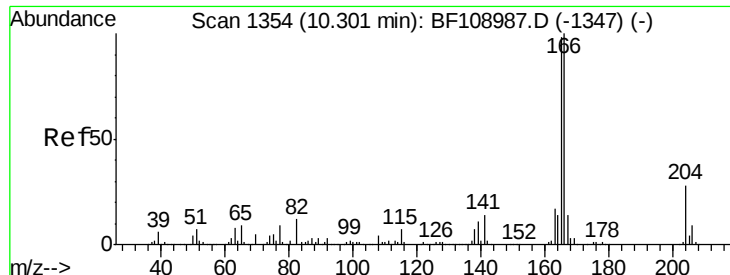
#56
2,4-Dinitrotoluene
Concen: 15.636 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion:165 Resp: 61011
Ion Ratio Lower Upper
165 100
63 39.0 36.4 54.6
89 69.9 57.8 86.6
182 2.8 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: 25.707 ng

RT: 10.30 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

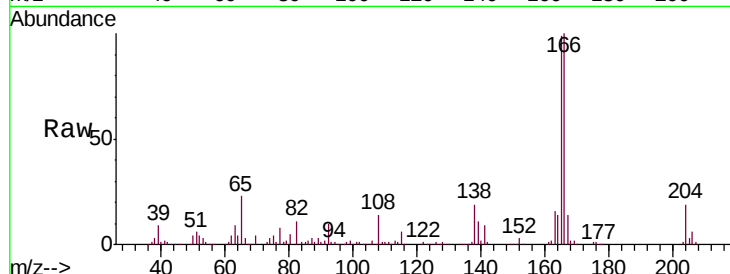
Tgt Ion:166 Resp: 280324

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

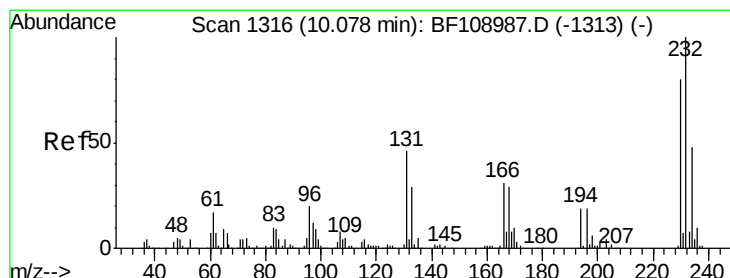
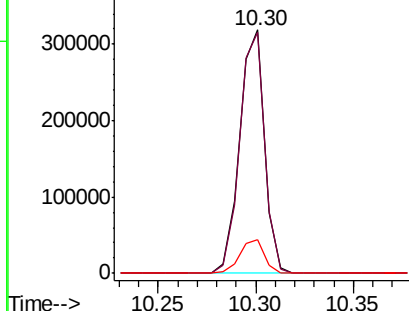
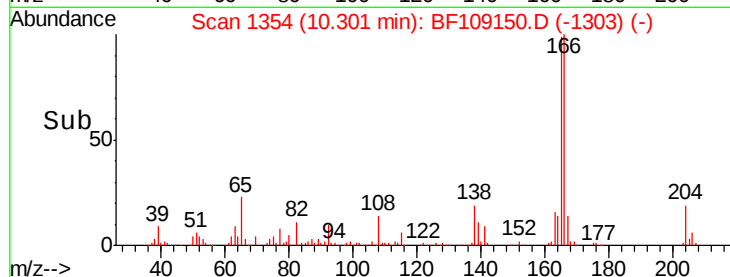
167 13.7 10.6 16.0



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: 20.326 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Tgt Ion:232 Resp: 70040

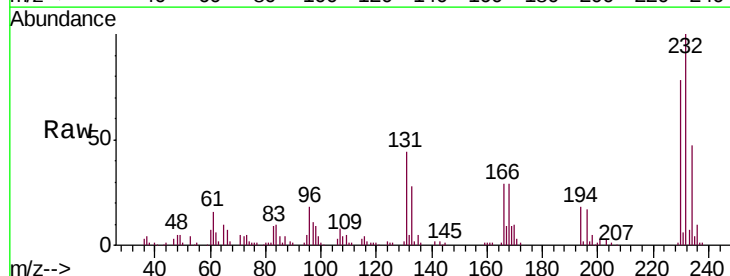
Ion Ratio Lower Upper

232 100

131 44.2 43.8 65.8

130 2.1 2.1 3.1#

166 28.9 27.8 41.6

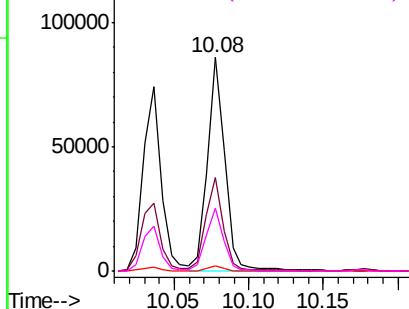
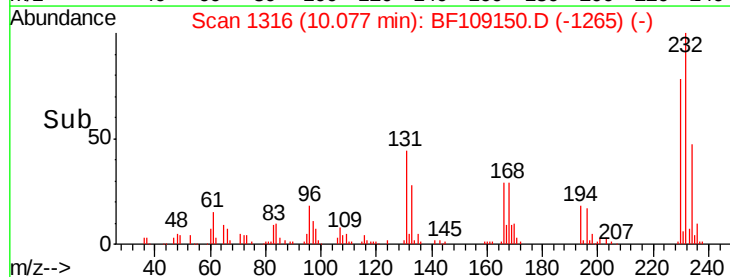


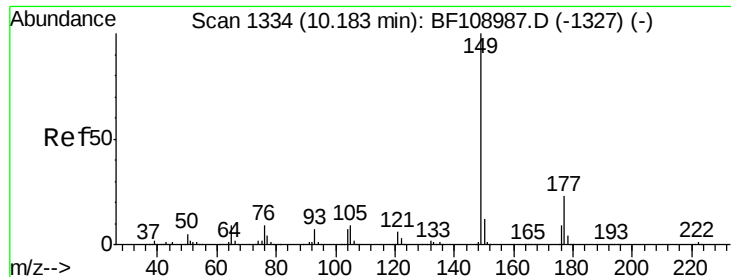
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

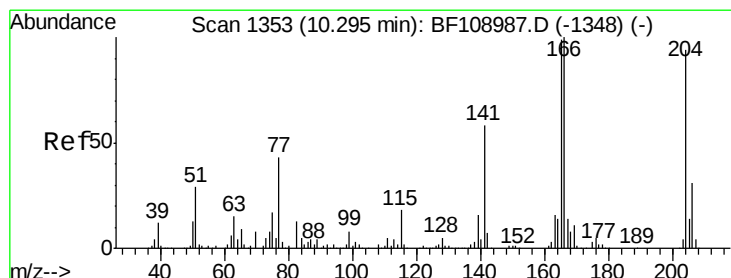
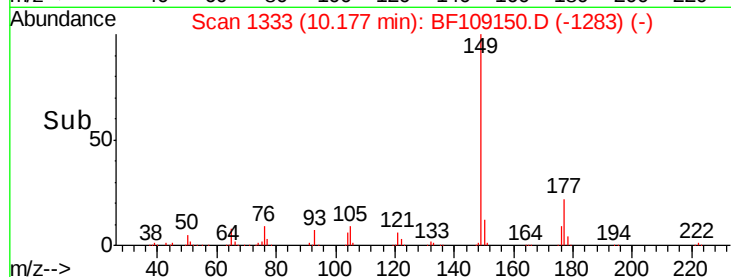
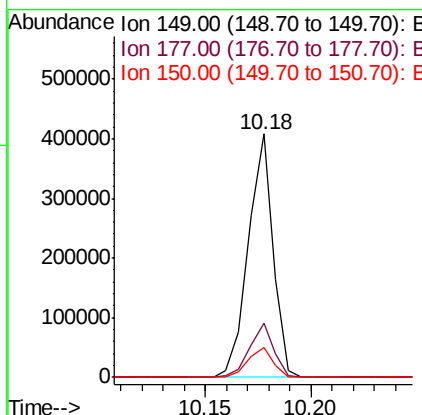
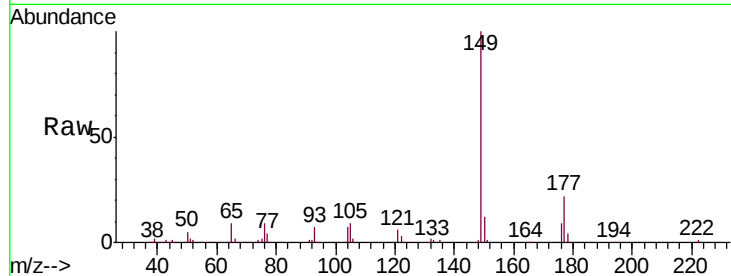




#59
Diethylphthalate
Concen: 24.523 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

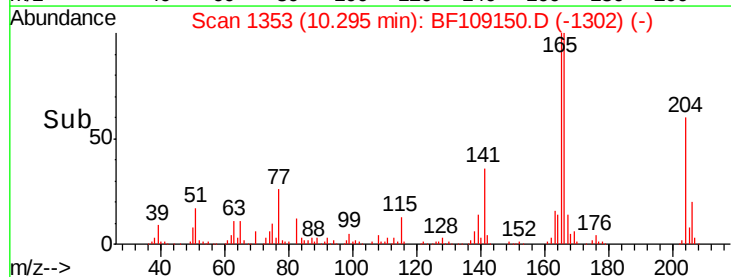
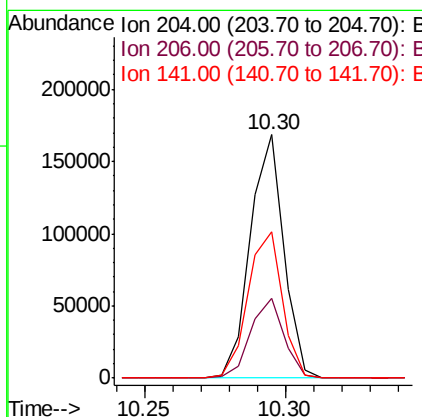
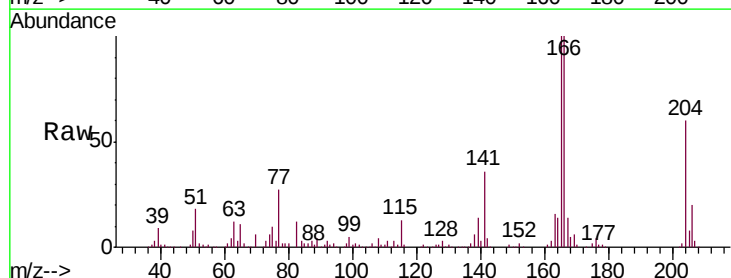
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

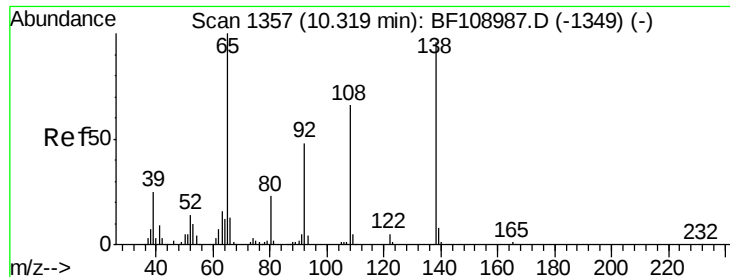
Tgt Ion:149 Resp: 333184
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 23.795 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion:204 Resp: 138939
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.2 54.6 81.8

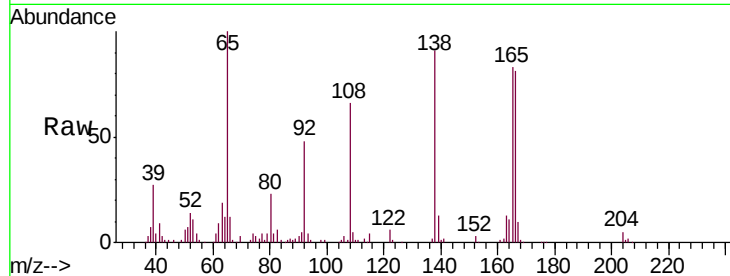




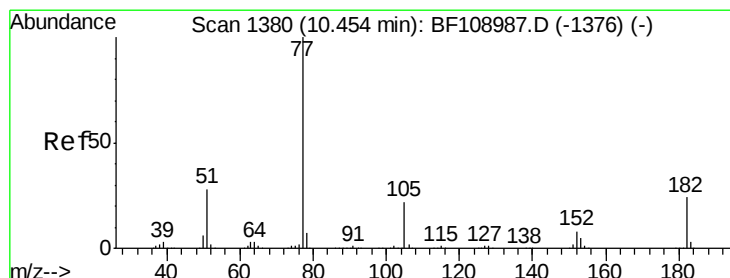
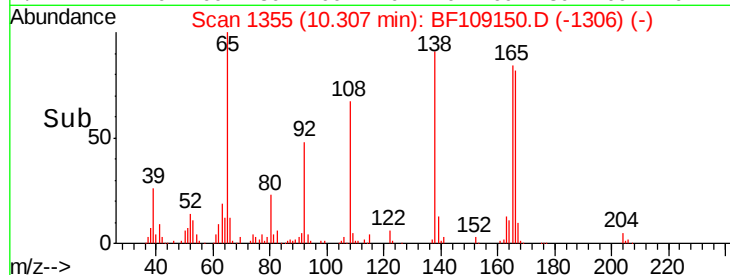
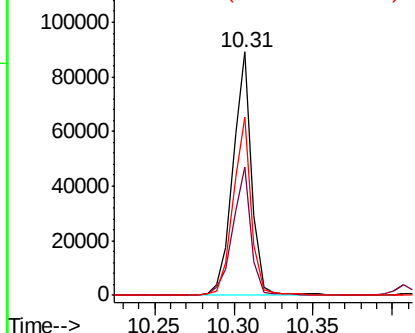
#61
4-Nitroaniline
Concen: 21.844 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion:138 Resp: 72914
Ion Ratio Lower Upper
138 100
92 52.6 30.2 70.2
108 73.2 52.5 92.5

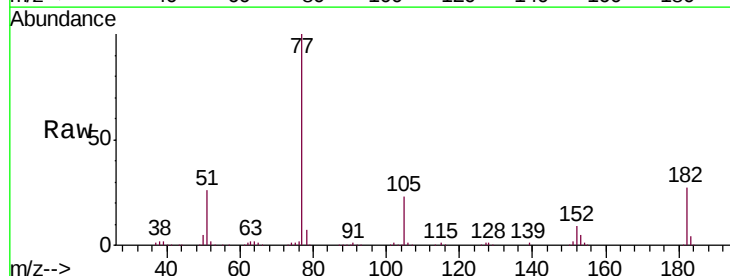


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

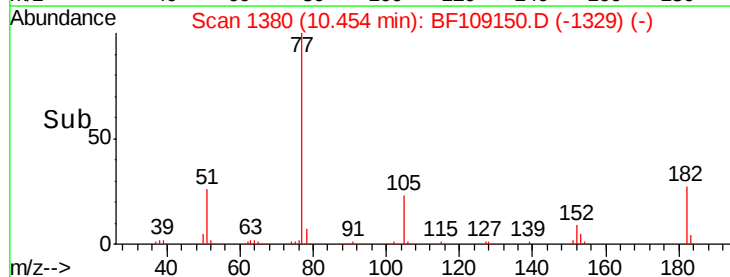
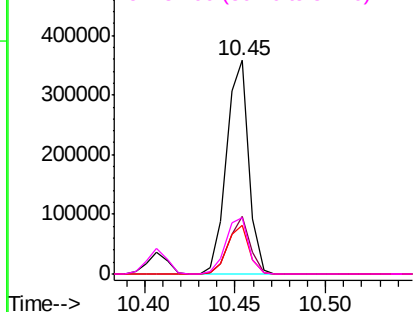


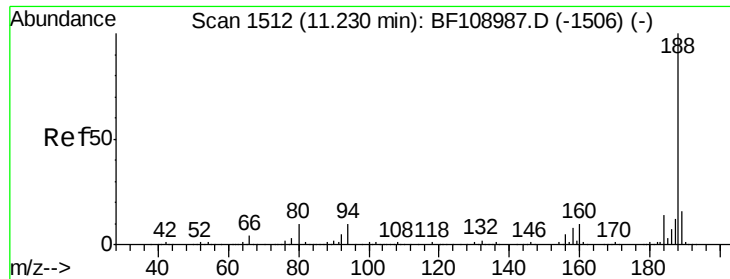
#62
Azobenzene
Concen: 22.055 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 77 Resp: 306724
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 22.7 3.0 43.0
51 26.2 9.9 49.9



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

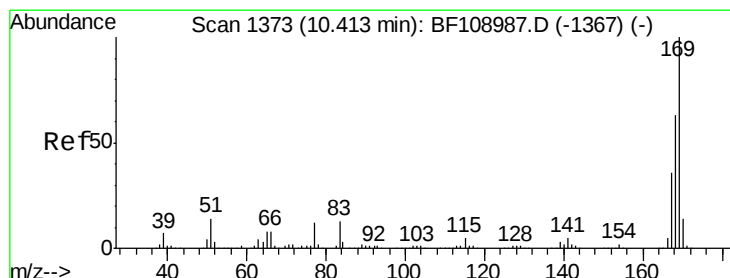
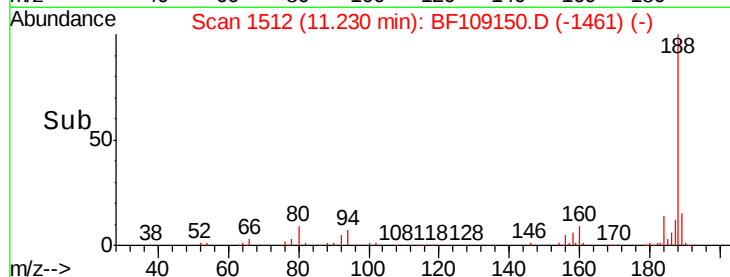
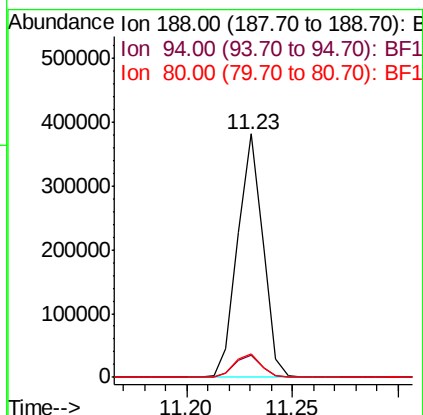
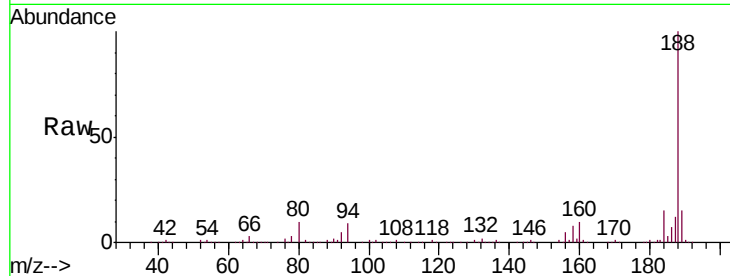




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

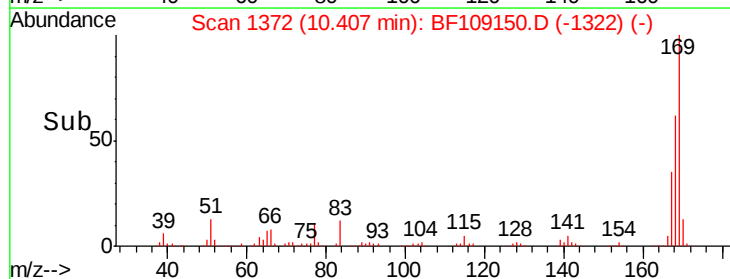
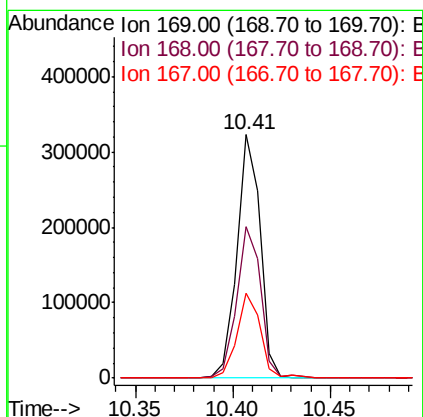
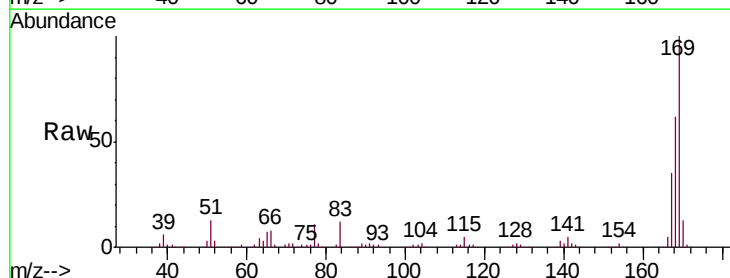
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

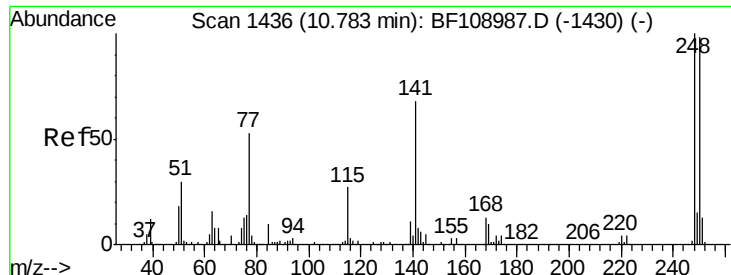
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.7	9.2	13.8



#65
 n-Nitrosodiphenylamine
 Concen: 25.764 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.0	54.4	81.6
167	34.8	29.8	44.6

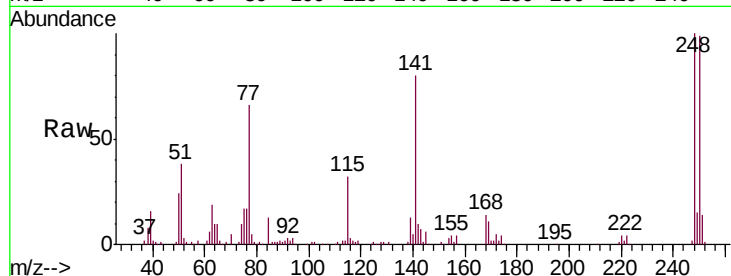




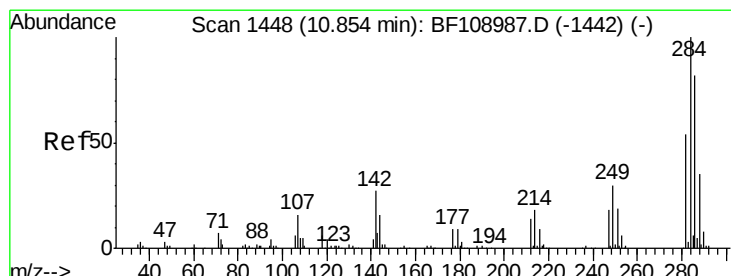
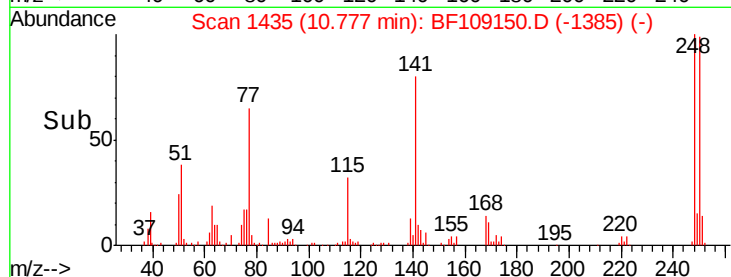
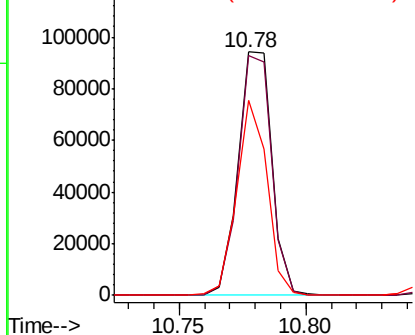
#66
 4-Bromophenyl-phenylether
 Concen: 24.444 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MS

Tgt Ion: 248 Resp: 86988
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 79.9 74.4 111.6

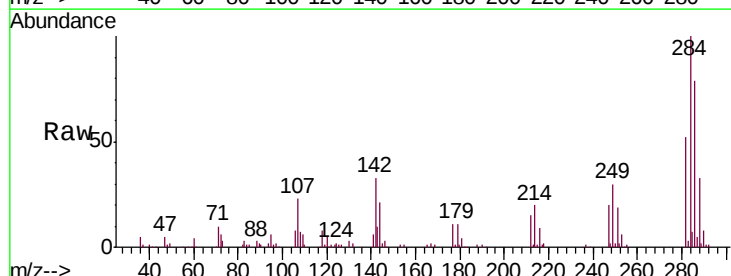


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

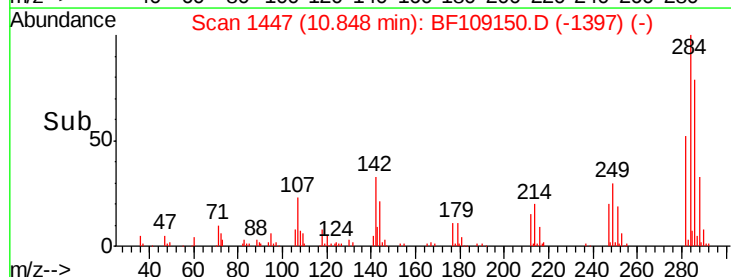
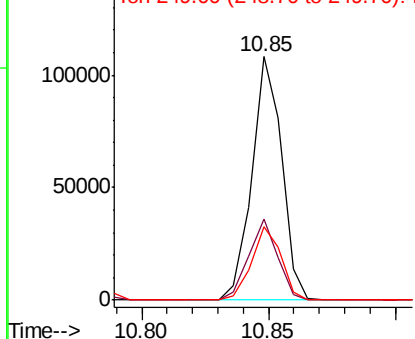


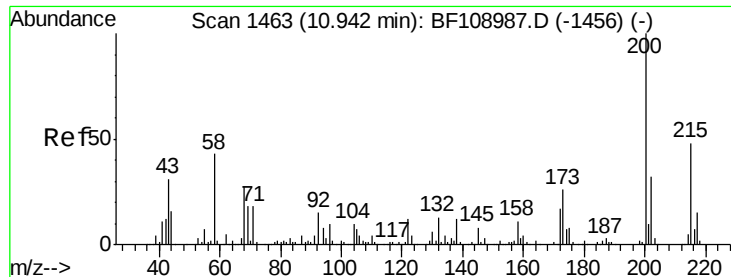
#67
 Hexachlorobenzene
 Concen: 23.385 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF109150.D
 Acq: 19 Sep 2018 18:16

Tgt Ion: 284 Resp: 89014
 Ion Ratio Lower Upper
 284 100
 142 33.4 34.6 52.0#
 249 30.1 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

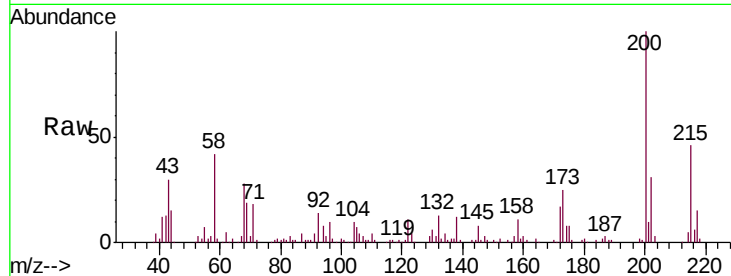




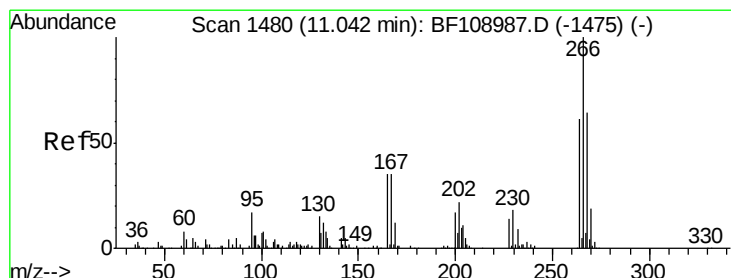
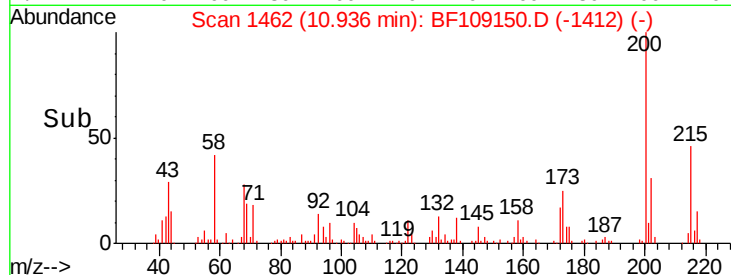
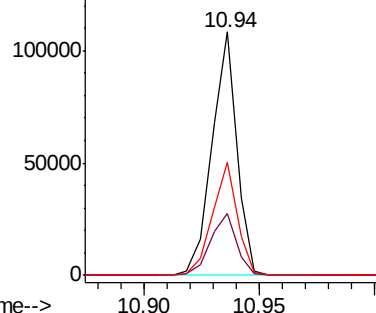
#68
Atrazine
Concen: 24.685 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.6	48.6
215	46.2	25.1	65.1

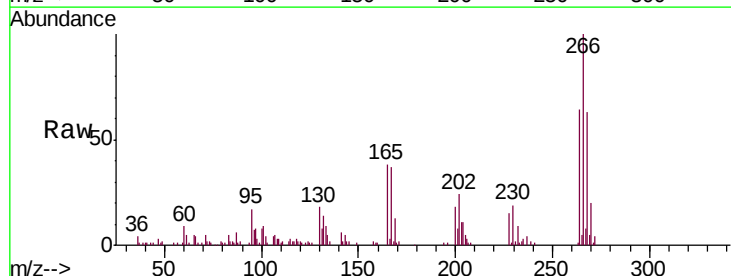


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

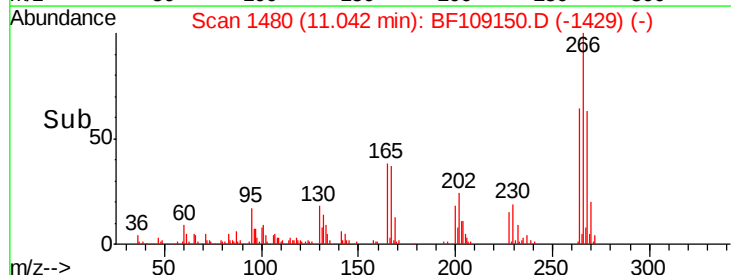
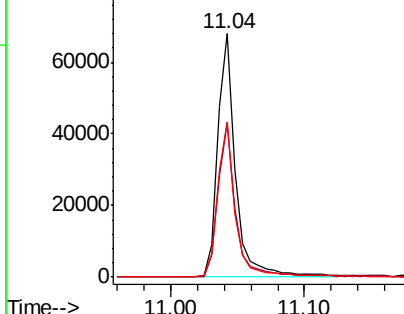


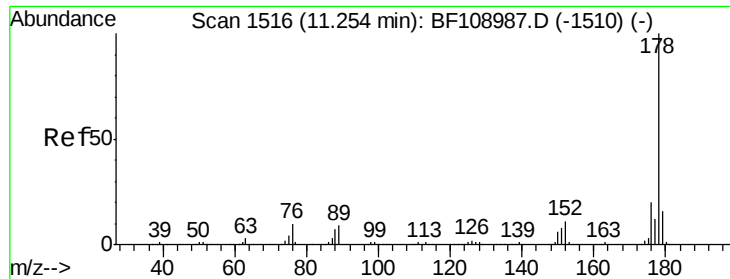
#69
Pentachlorophenol
Concen: 26.541 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.9	49.5	74.3



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

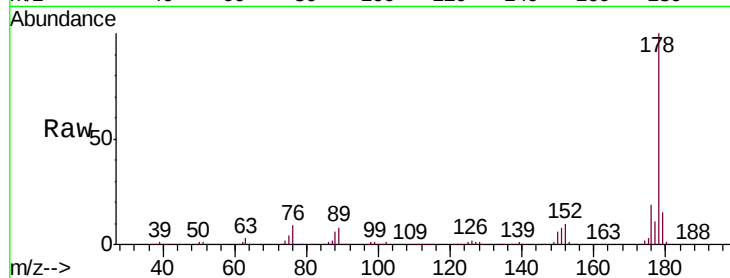




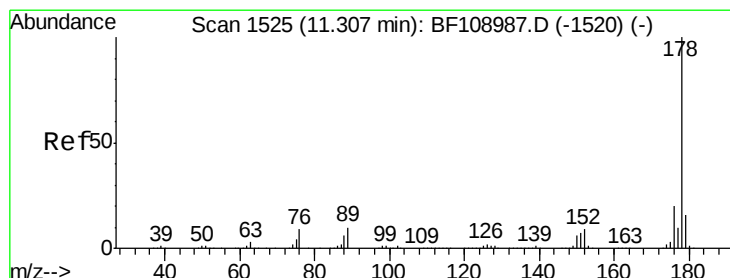
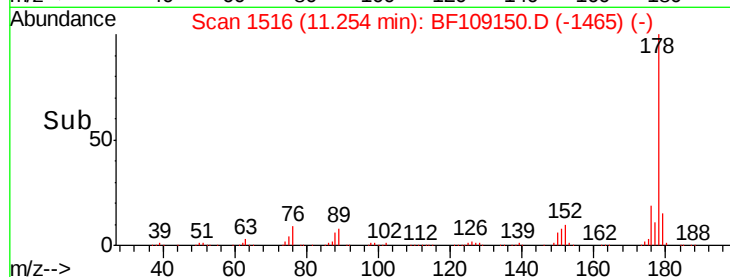
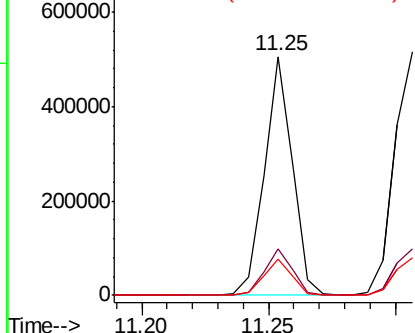
#70
Phenanthrene
Concen: 25.212 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

Tgt Ion:178 Resp: 390120
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.4 13.0 19.6

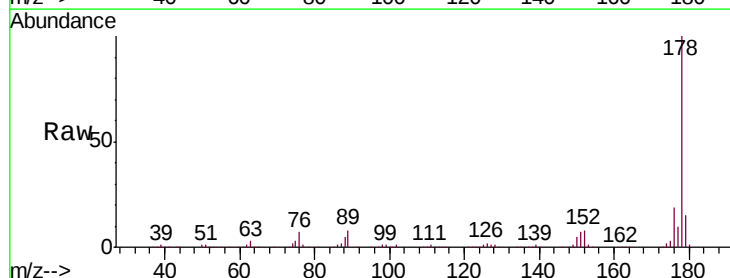


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

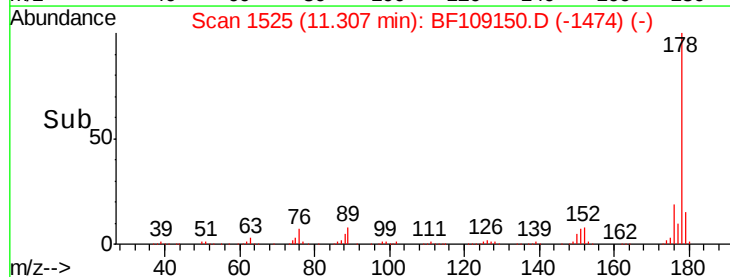
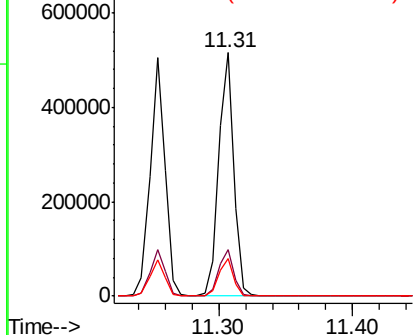


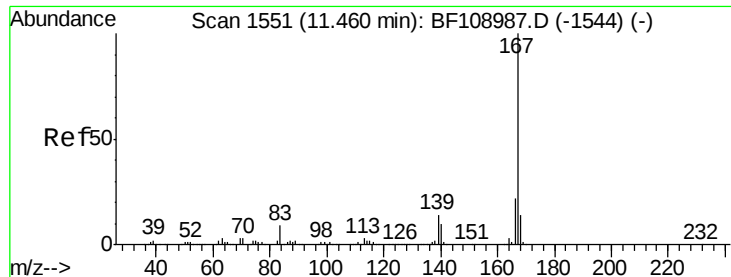
#71
Anthracene
Concen: 26.349 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion:178 Resp: 413294
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 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: 23.352 ng

RT: 11.46 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

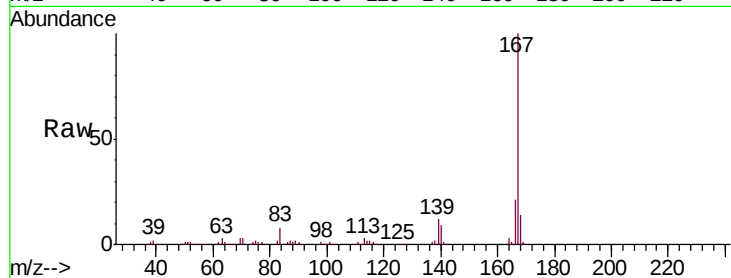
Tgt Ion:167 Resp: 362595

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

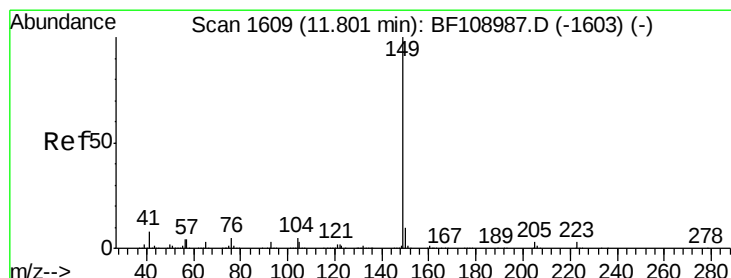
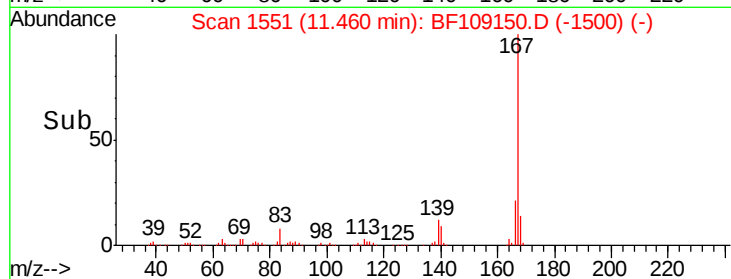
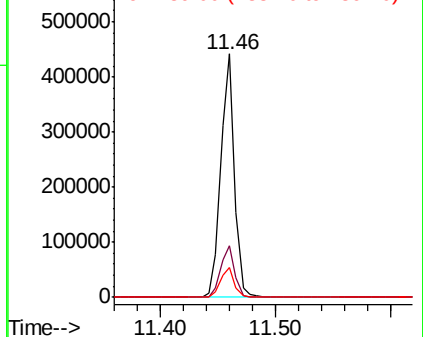
139 12.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 24.897 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

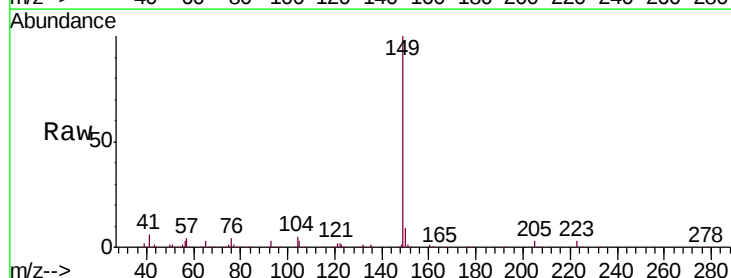
Tgt Ion:149 Resp: 452529

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

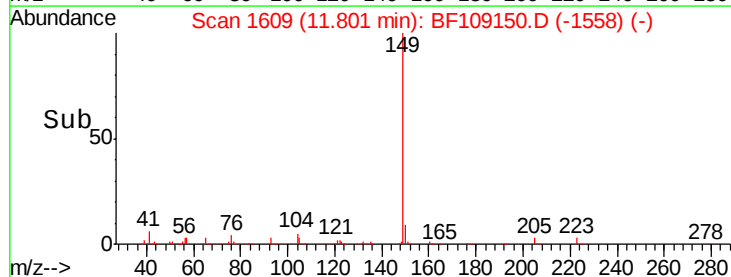
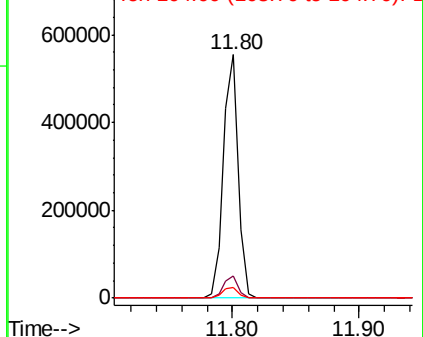
104 4.6 3.8 5.8

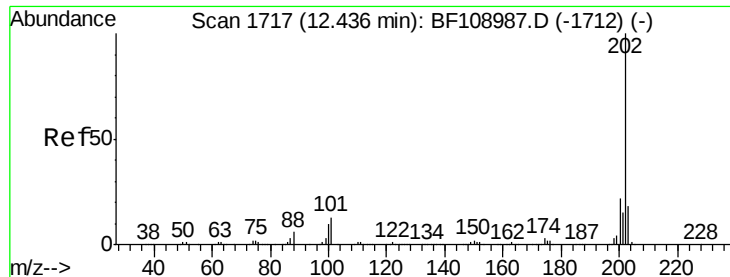


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 26.358 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

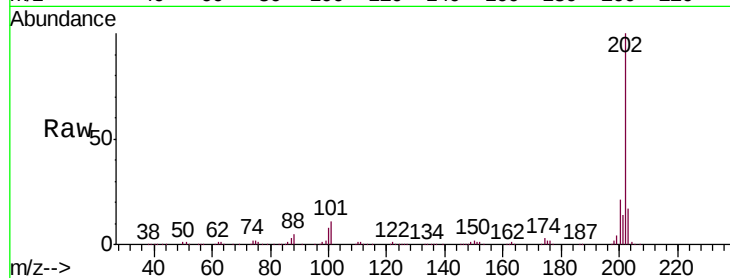
Tgt Ion: 202 Resp: 430579

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

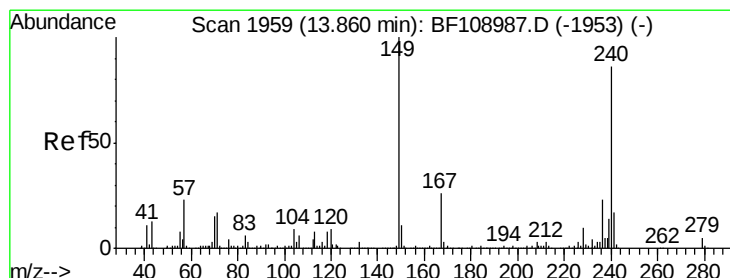
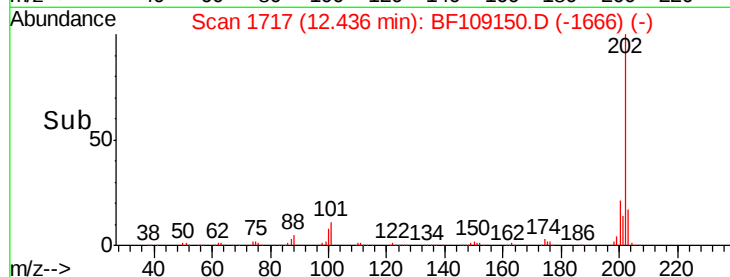
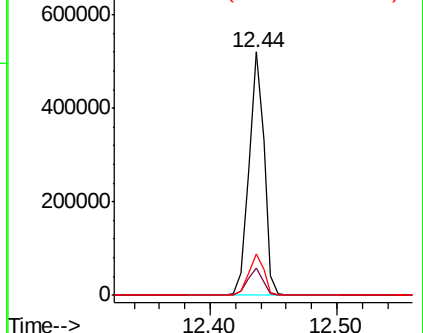
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

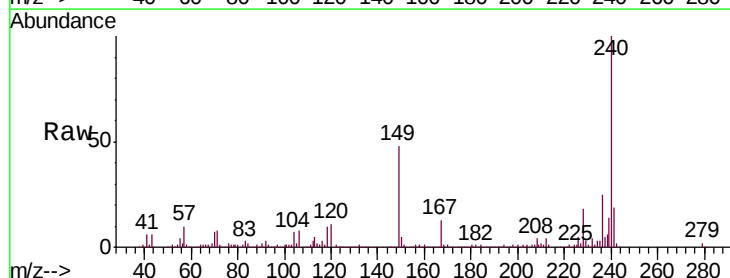
Tgt Ion: 240 Resp: 294374

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

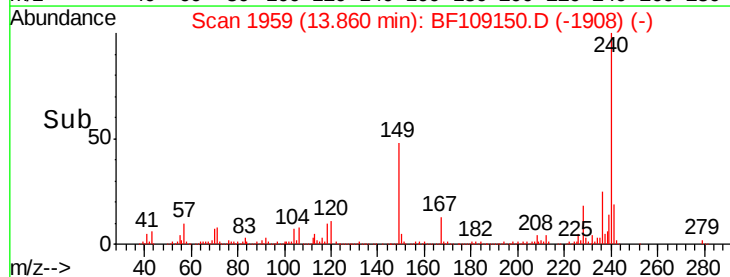
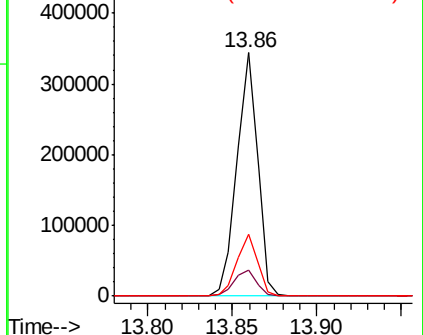
236 25.5 20.7 31.1

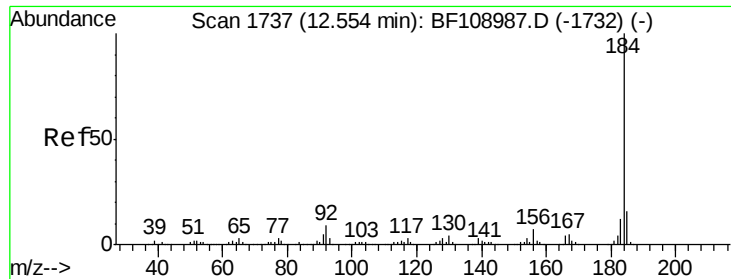


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 10.237 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

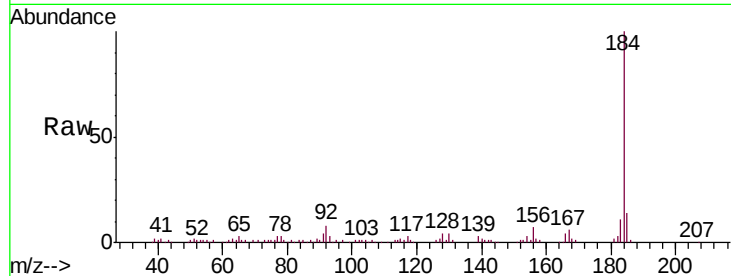
Tgt Ion:184 Resp: 106676

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

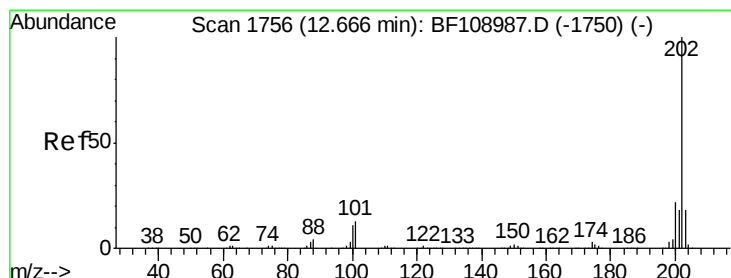
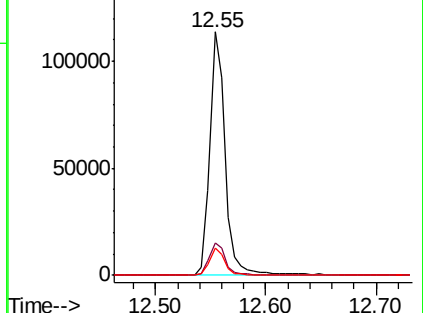
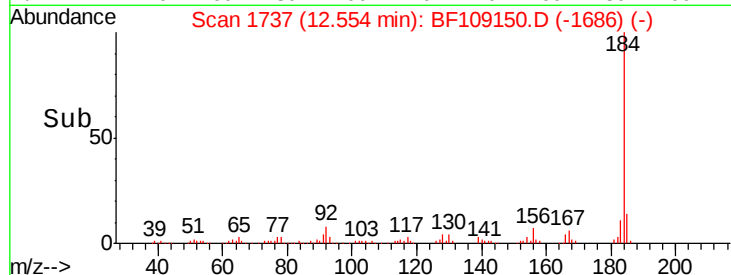
183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 19.774 ng

RT: 12.67 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

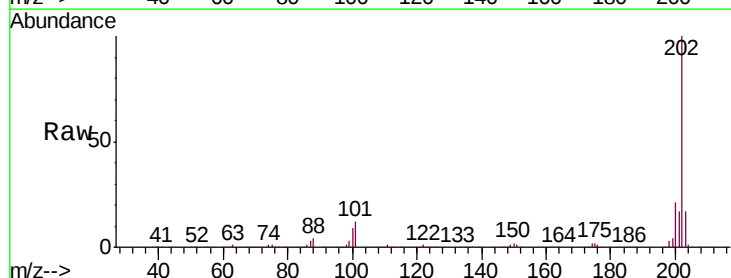
Tgt Ion:202 Resp: 432367

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

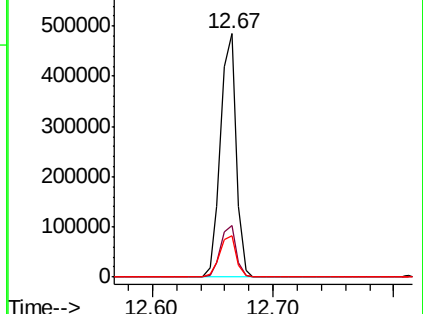
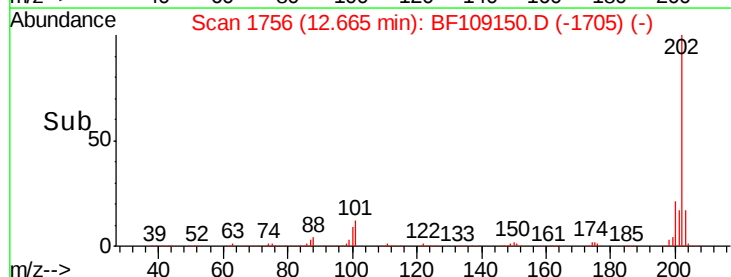
203 16.8 14.3 21.5

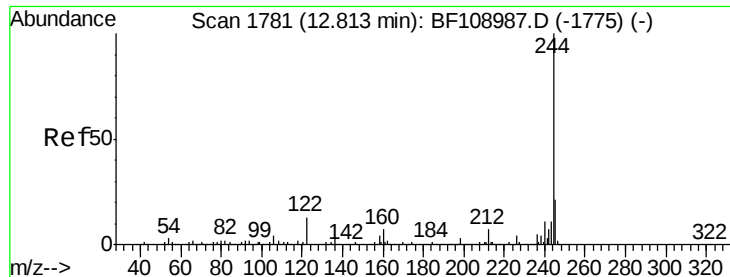


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.387 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

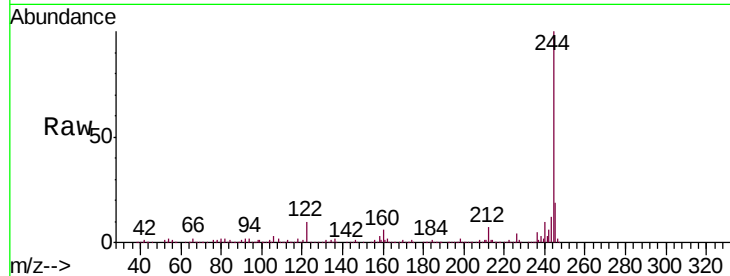
Tgt Ion:244 Resp: 613364

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

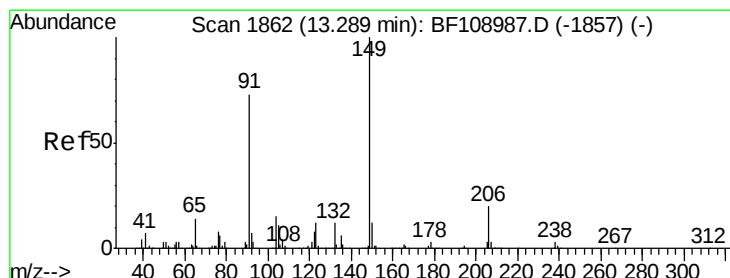
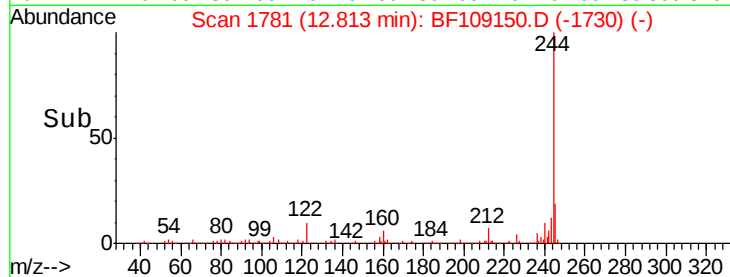
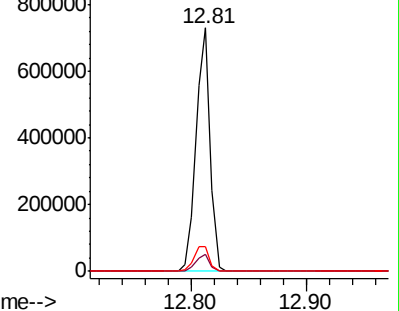
122 10.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 20.042 ng

RT: 13.29 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

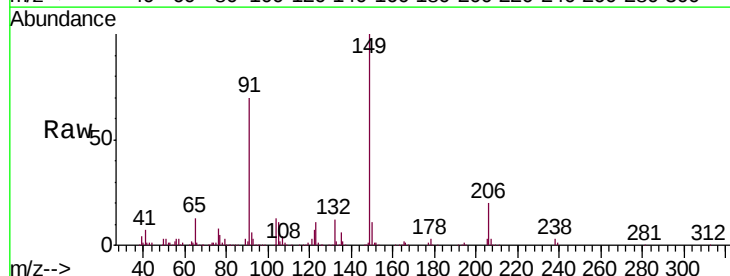
Tgt Ion:149 Resp: 195735

Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

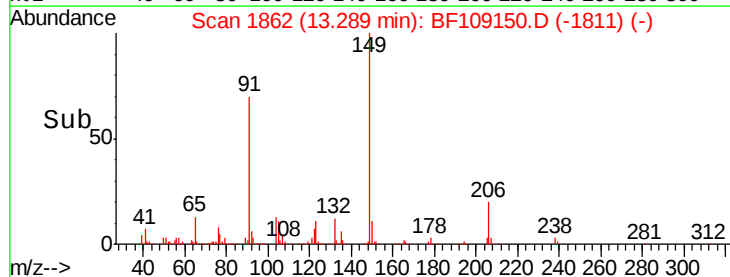
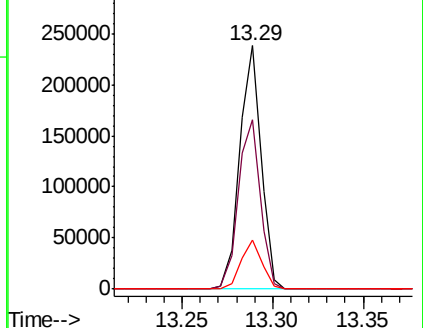
206 20.0 14.1 21.1

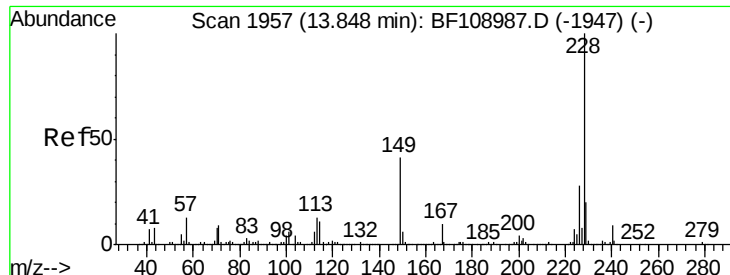


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 23.968 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

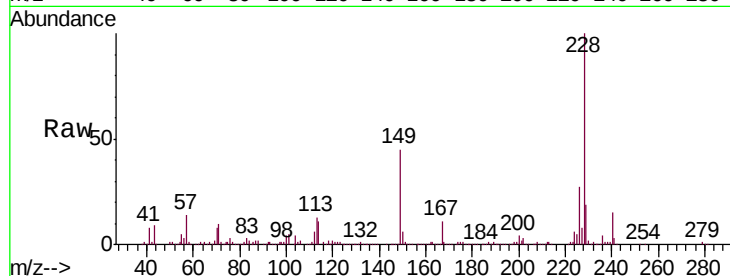
Tgt Ion:228 Resp: 427172

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

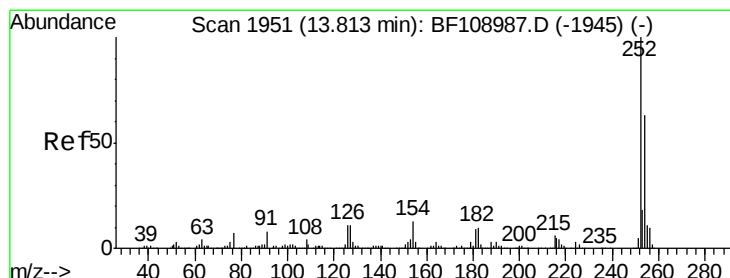
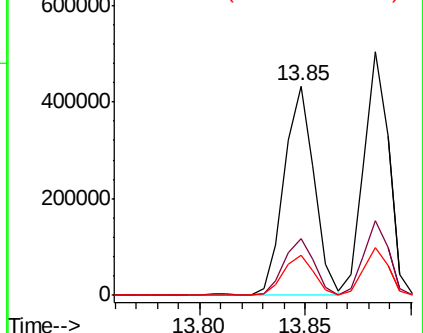
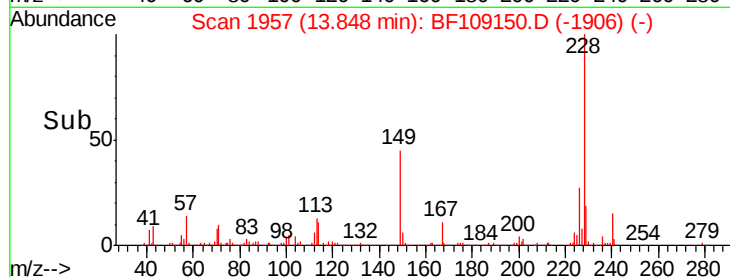
229 19.5 15.8 23.6



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: 18.255 ng

RT: 13.81 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

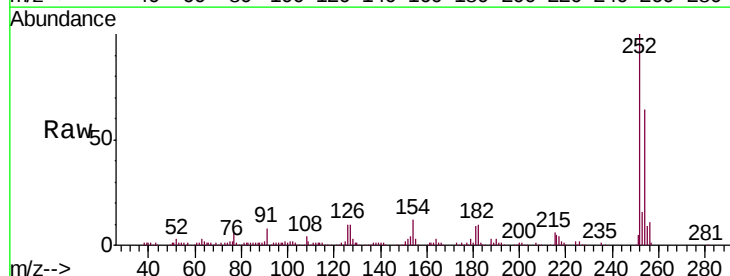
Tgt Ion:252 Resp: 131291

Ion Ratio Lower Upper

252 100

254 63.8 50.4 75.6

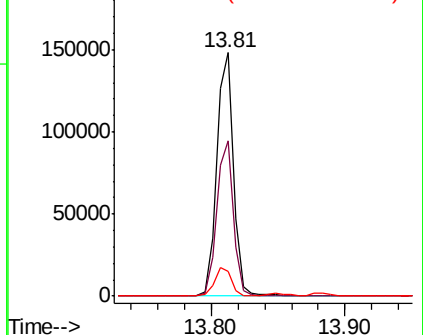
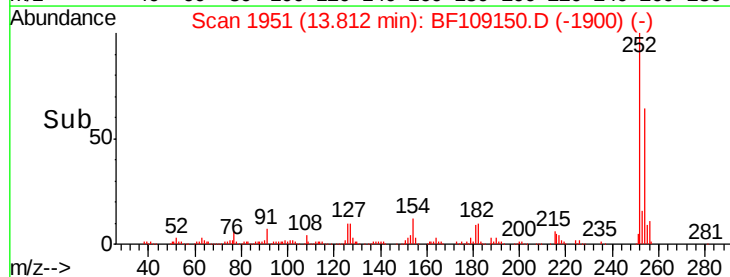
126 10.3 11.3 16.9#

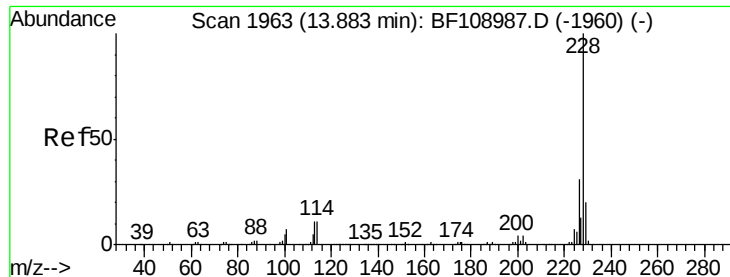


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 23.328 ng

RT: 13.88 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

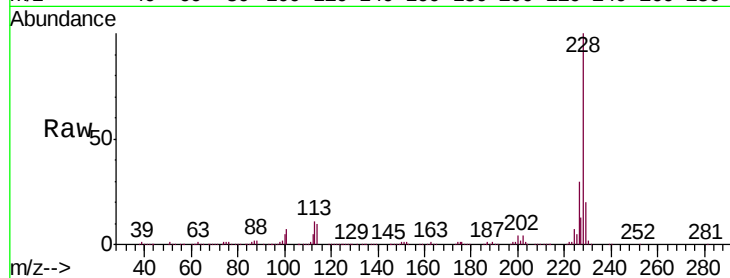
Tgt Ion:228 Resp: 415963

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

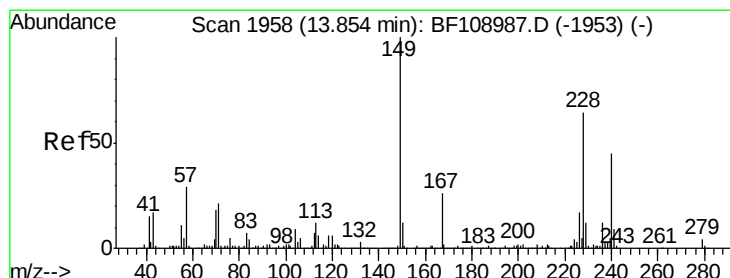
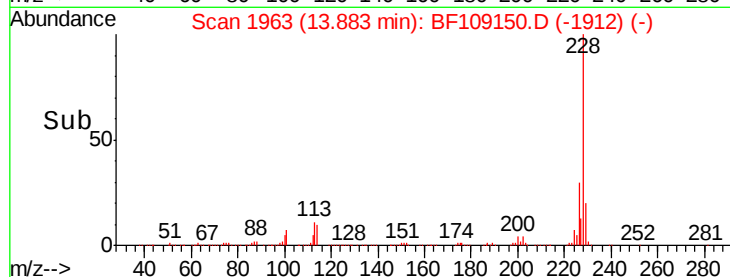
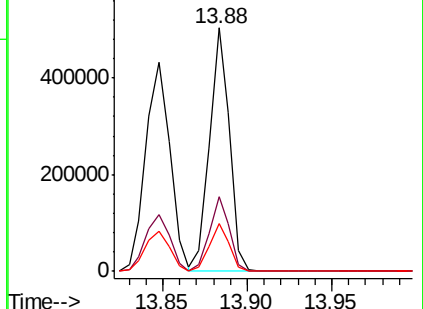
229 19.5 16.2 24.4



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: 22.672 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

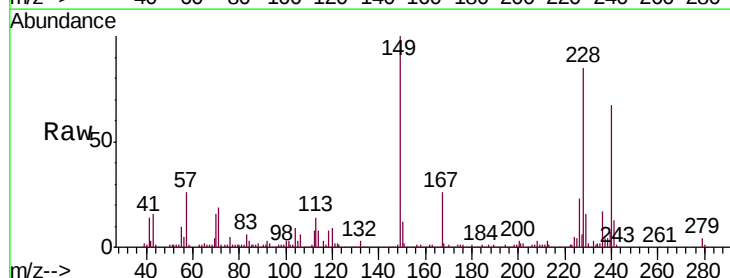
Tgt Ion:149 Resp: 268098

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

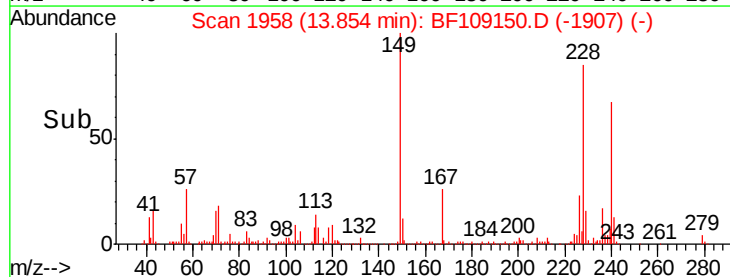
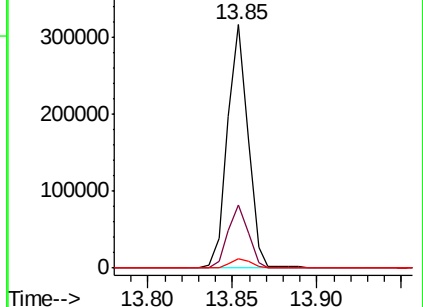
279 3.8 3.0 4.4

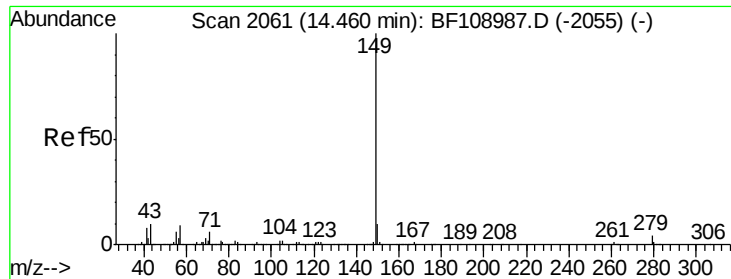


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 25.247 ng

RT: 14.46 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

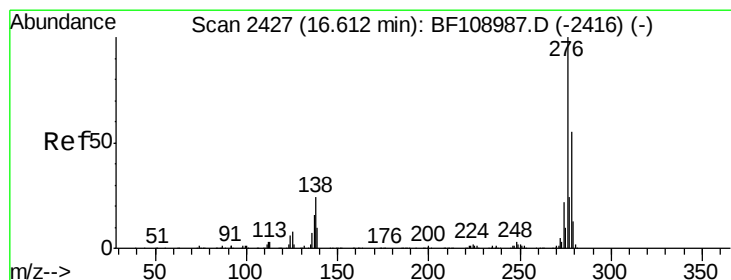
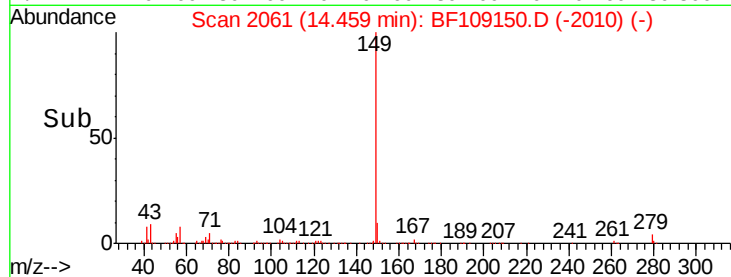
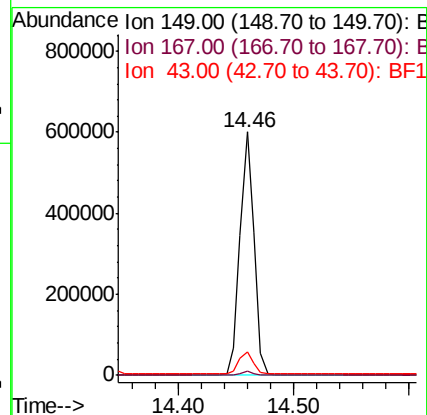
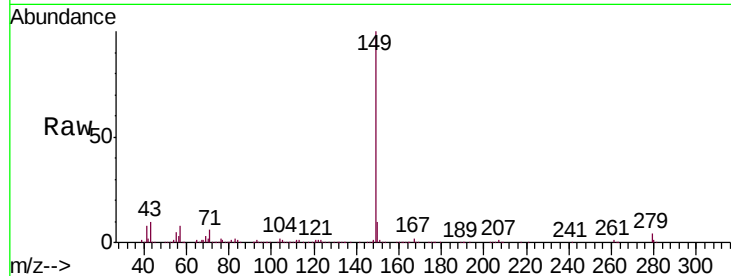
Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

Tgt Ion:	149	Resp:	506329
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.5	8.4	12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 22.987 ng

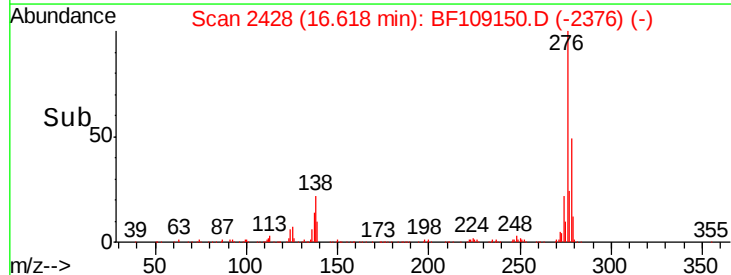
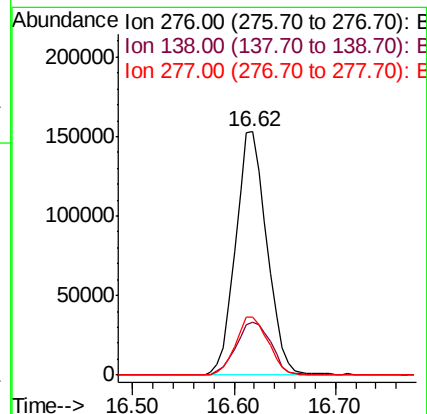
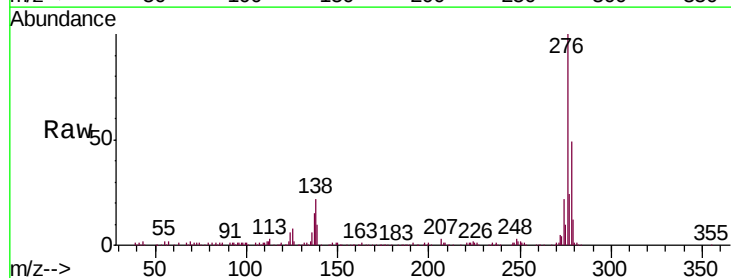
RT: 16.62 min Scan# 2428

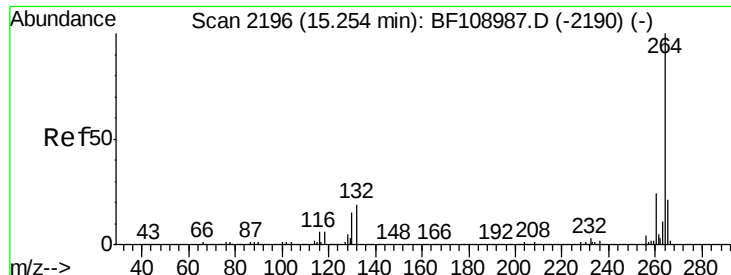
Delta R.T. 0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Tgt Ion:	276	Resp:	327694
Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.1	20.1	30.1

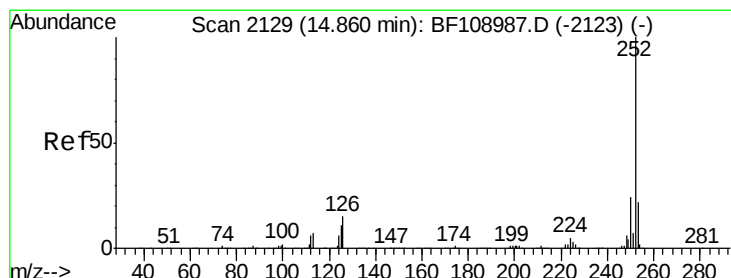
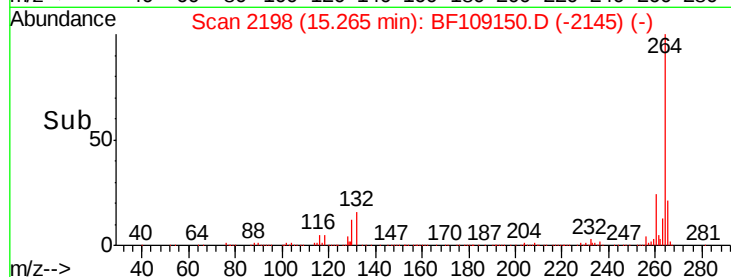
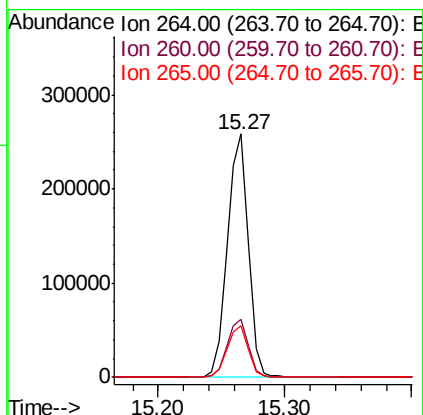
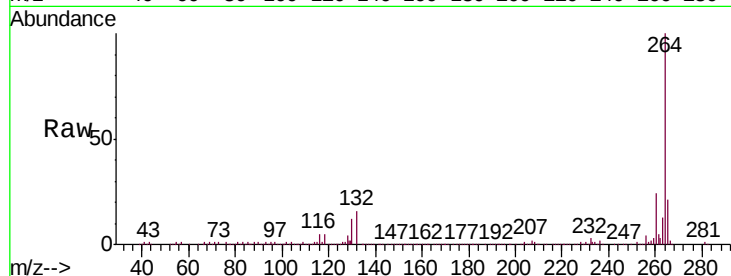




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

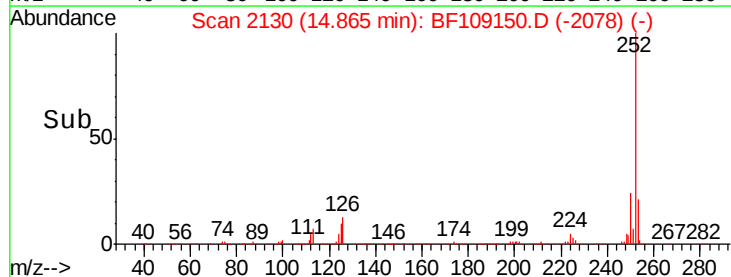
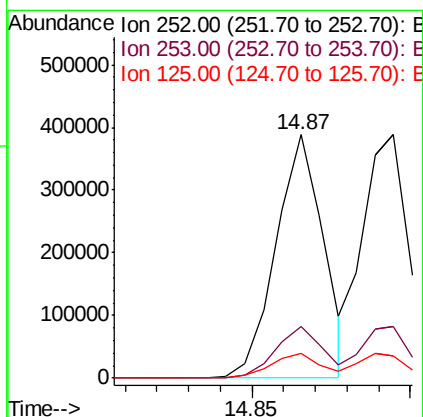
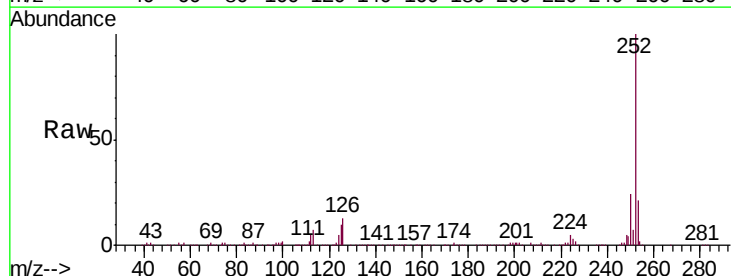
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

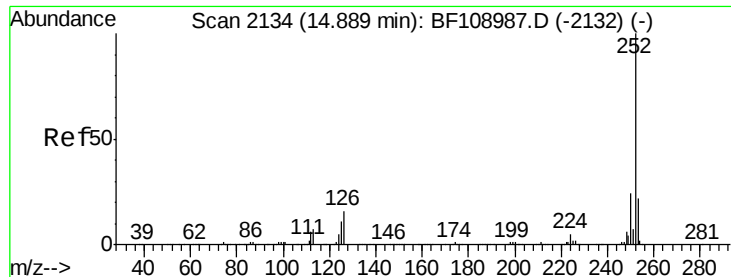
Tgt Ion: 264 Resp: 292291
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 25.068 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion: 252 Resp: 405356
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.2 9.0 13.6

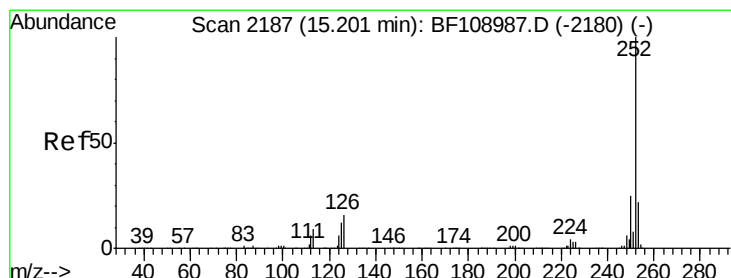
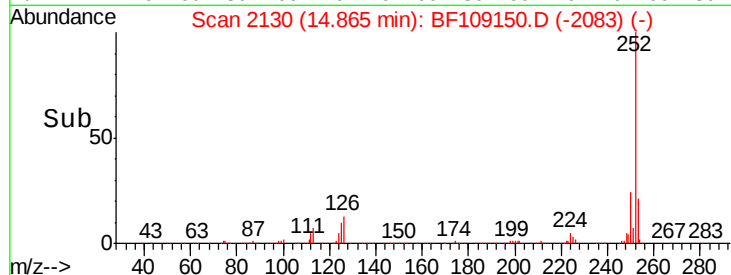
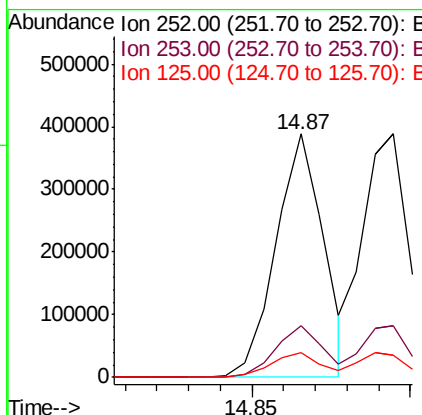
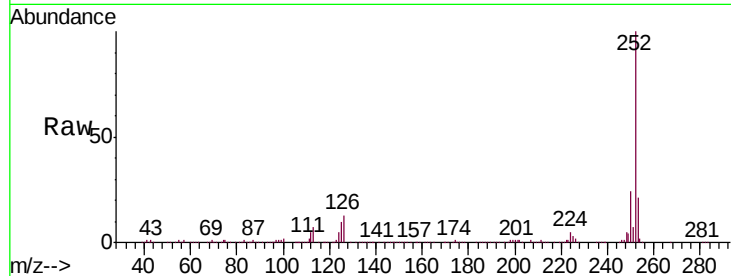




#88
Benzo(k)fluoranthene
Concen: 26.839 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

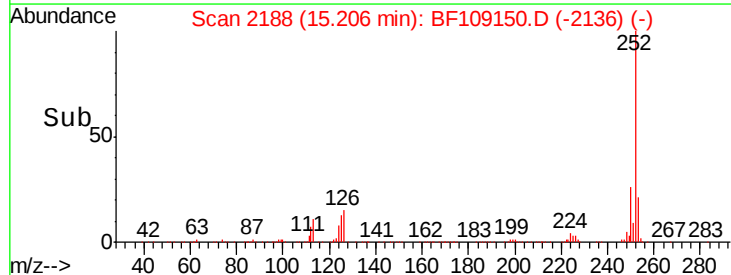
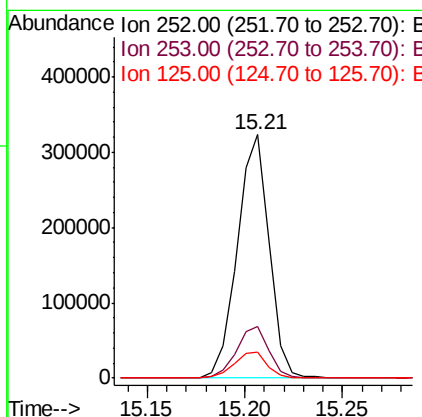
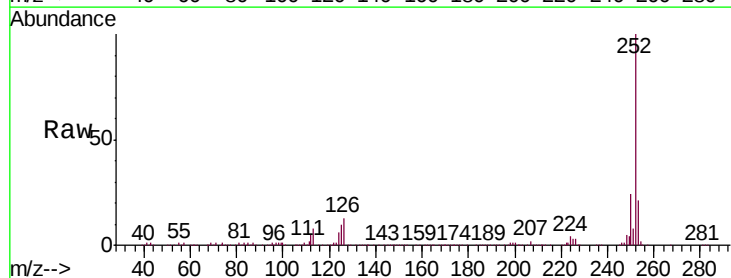
Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MS

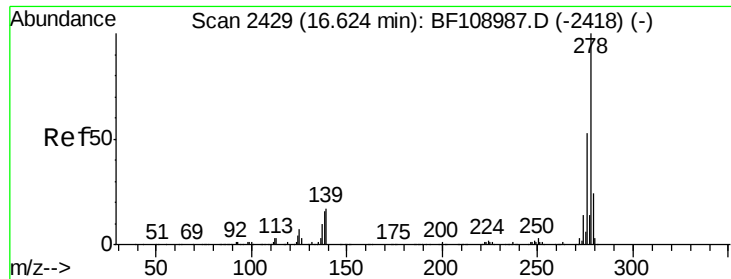
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 25.403 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109150.D
Acq: 19 Sep 2018 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	10.5	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 23.249 ng

RT: 16.64 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MS

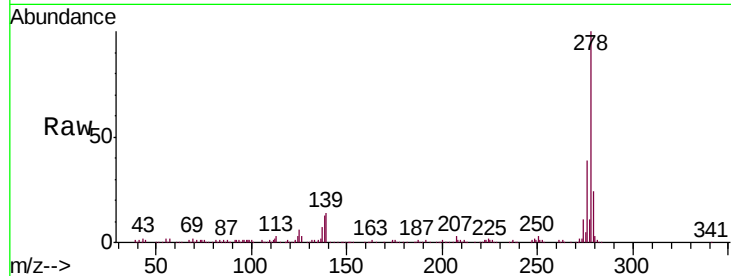
Tgt Ion:278 Resp: 280490

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

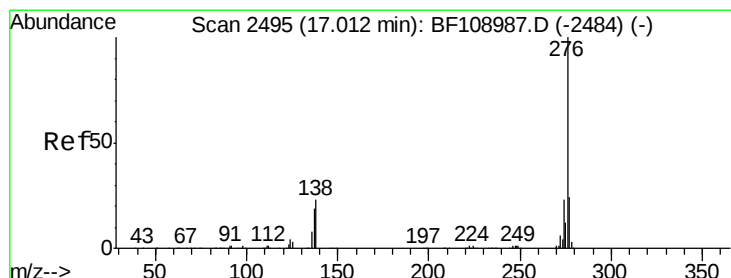
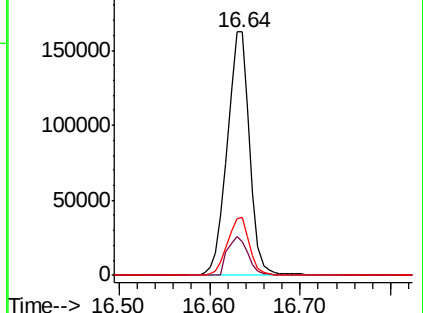
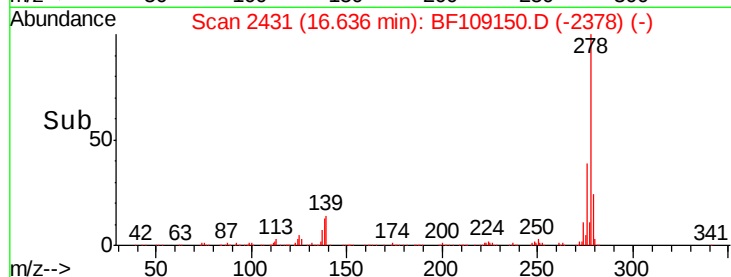
279 23.8 19.0 28.4



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: 21.401 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF109150.D

Acq: 19 Sep 2018 18:16

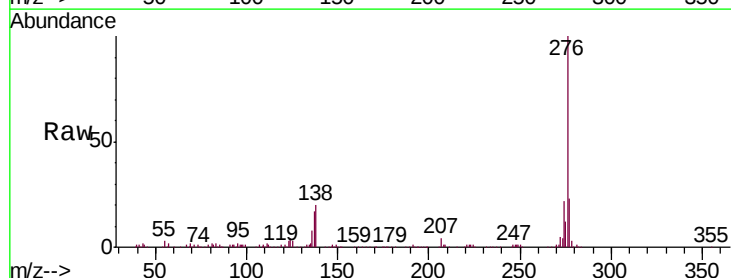
Tgt Ion:276 Resp: 258140

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 20.3 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

