

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109060.D
 Acq On : 17 Sep 2018 20:41
 Operator : JU/SJ
 Sample : J4946-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

Quant Time: Sep 18 04:23:35 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	124571	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	431330	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	175496	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	337942	20.00	ng	0.00
75) Chrysene-d12	13.86	240	322685	20.00	ng	0.00
86) Perylene-d12	15.26	264	266190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	601567	80.21	ng	0.00
7) Phenol-d6	6.36	99	731038	75.59	ng	0.00
23) Nitrobenzene-d5	7.28	82	432685	56.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	145575	76.43	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	622169	55.54	ng	0.00
78) Terphenyl-d14	12.81	244	625321	45.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	74943	20.991	ng	94
3) Pyridine	3.13	79	216750	22.901	ng	90
4) n-Nitrosodimethylamine	3.04	42	100413	28.092	ng	# 93
6) Aniline	6.38	93	242961	19.436	ng	# 91
8) 2-Chlorophenol	6.51	128	202476	24.123	ng	96
9) Benzaldehyde	6.27	77	81561	13.205	ng	97
10) Phenol	6.37	94	277106	25.465	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	203155	23.730	ng	93
12) 1,3-Dichlorobenzene	6.66	146	223253	23.258	ng	98
13) 1,4-Dichlorobenzene	6.74	146	224664	23.330	ng	97
14) 1,2-Dichlorobenzene	6.90	146	210671	23.598	ng	97
15) Benzyl Alcohol	6.86	79	174873	23.817	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	287203	23.414	ng	96
17) 2-Methylphenol	6.98	107	157139	22.947	ng	97
18) Hexachloroethane	7.24	117	68602	19.615	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	140559	21.988	ng	98
20) 3+4-Methylphenols	7.13	107	199082	24.139	ng	# 66
22) Acetophenone	7.13	105	267904	27.350	ng	# 91
24) Nitrobenzene	7.30	77	207236	26.137	ng	97
25) Isophorone	7.54	82	363041	27.463	ng	98
26) 2-Nitrophenol	7.62	139	77798	21.014	ng	99
27) 2,4-Dimethylphenol	7.66	122	161986	27.893	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	236284	26.562	ng	99
29) 2,4-Dichlorophenol	7.86	162	146201	23.624	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	159079	23.780	ng	94
31) Naphthalene	8.02	128	520820	26.015	ng	98
33) 4-Chloroaniline	8.07	127	184981	20.782	ng	98
34) Hexachlorobutadiene	8.15	225	97939	23.981	ng	99
35) Caprolactam	8.41	113	44305	21.959	ng	# 83
36) 4-Chloro-3-methylphenol	8.55	107	143901	22.088	ng	99
37) 2-Methylnaphthalene	8.71	142	328407	25.165	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	147018	26.616	ng	97
40) Hexachlorocyclopentadiene	8.87	237	9646	3.466	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	95537	25.733	ng	99

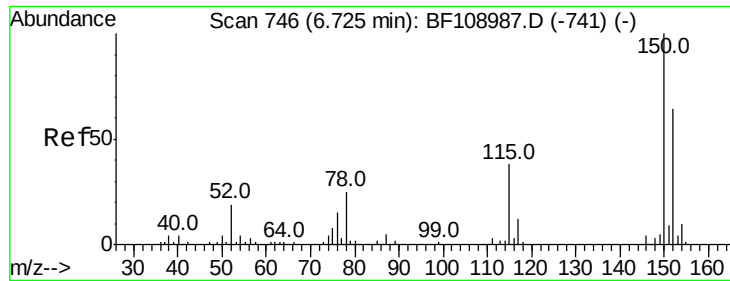
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109060.D
 Acq On : 17 Sep 2018 20:41
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	99978	25.769	ng	98
45) 1,1'-Biphenyl	9.18	154	373058	26.570	ng	98
46) 2-Chloronaphthalene	9.20	162	283510	25.214	ng	97
47) 2-Nitroaniline	9.29	65	92058	26.631	ng	95
48) Acenaphthylene	9.61	152	456717	26.940	ng	99
49) Dimethylphthalate	9.48	163	425739	33.941	ng	# 98
50) 2,6-Dinitrotoluene	9.53	165	67054	24.105	ng	92
51) Acenaphthene	9.79	154	259049	24.539	ng	99
52) 3-Nitroaniline	9.70	138	81355	24.837	ng	94
54) Dibenzofuran	9.96	168	383135	25.115	ng	99
55) 4-Nitrophenol	9.86	139	115559	47.884	ng	93
56) 2,4-Dinitrotoluene	9.94	165	82165	22.586	ng	# 92
57) Fluorene	10.30	166	288329	28.362	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	81621	25.407	ng	# 88
59) Diethylphthalate	10.18	149	315546	24.912	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	135825	24.951	ng	95
61) 4-Nitroaniline	10.31	138	78116	25.102	ng	100
62) Azobenzene	10.45	77	316643	24.421	ng	94
65) n-Nitrosodiphenylamine	10.41	169	279750	25.307	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	86459	22.694	ng	# 87
67) Hexachlorobenzene	10.85	284	94607	23.215	ng	# 88
68) Atrazine	10.94	200	89507	25.294	ng	95
69) Pentachlorophenol	11.04	266	99018	37.978	ng	99
70) Phenanthrene	11.26	178	471341	28.452	ng	99
71) Anthracene	11.31	178	455766	27.141	ng	99
72) Carbazole	11.46	167	410482	24.693	ng	99
73) Di-n-butylphthalate	11.80	149	504832	25.943	ng	100
74) Fluoranthene	12.44	202	598984	34.250	ng	96
76) Benzidine	12.56	184	327664	28.686	ng	99
77) Pyrene	12.67	202	614716	25.647	ng	99
79) Butylbenzylphthalate	13.29	149	236216	22.065	ng	93
80) Benzo(a)anthracene	13.85	228	540826	27.683	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	164754	20.898	ng	95
82) Chrysene	13.88	228	537193	27.483	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	372236	28.717	ng	99
84) Di-n-octyl phthalate	14.46	149	622658	28.324	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	359471	23.003	ng	# 92
87) Benzo(b)fluoranthene	14.87	252	464272	31.527	ng	98
88) Benzo(k)fluoranthene	14.89	252	394828	28.706	ng	99
89) Benzo(a)pyrene	15.20	252	381668	29.184	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	276079	25.127	ng	96
91) Benzo(g,h,i)perylene	17.01	276	296281	26.972	ng	# 94

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

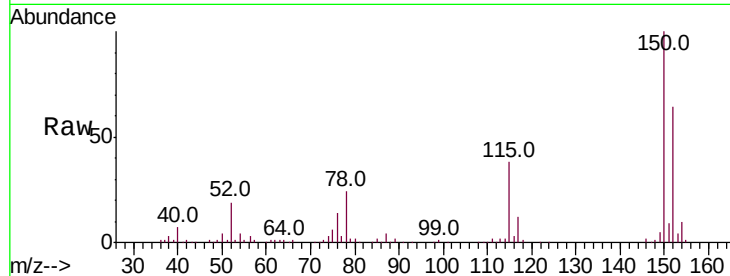


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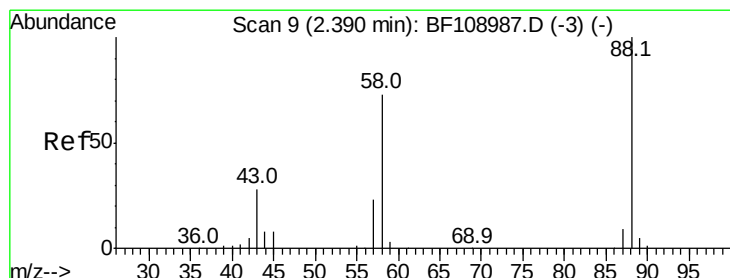
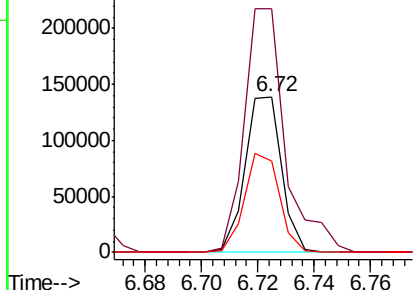
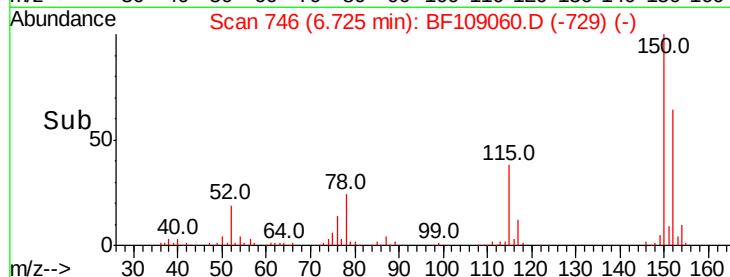
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

Tot Ion:152 Resp: 124571
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 58.9 50.1 75.1



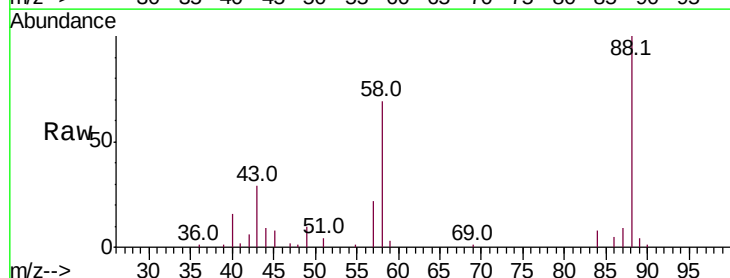
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



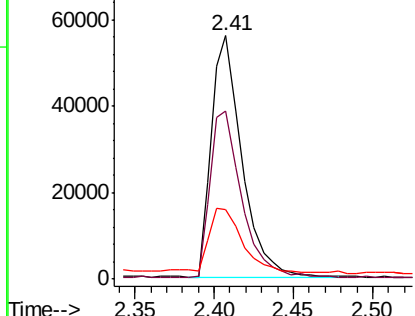
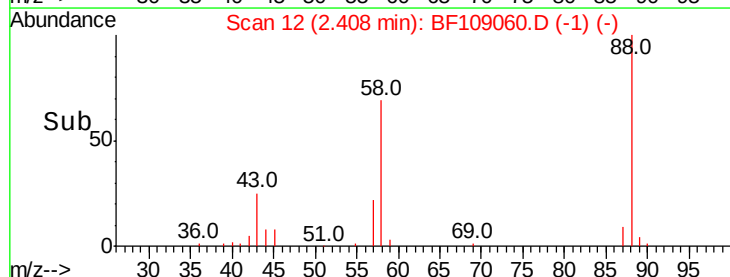
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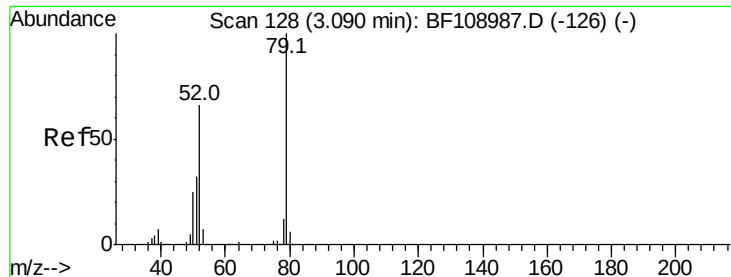
1,4-Dioxane
 Concen: 20.991 ng
 RT: 2.41 min Scan# 12
 Delta R.T. 0.02 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 88 Resp: 74943
 Ion Ratio Lower Upper
 88 100
 58 70.8 62.6 93.8
 43 30.8 24.6 37.0



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

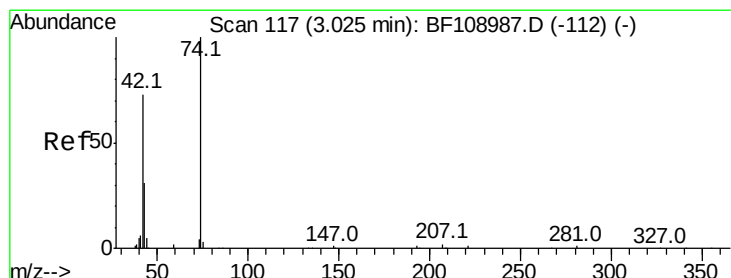
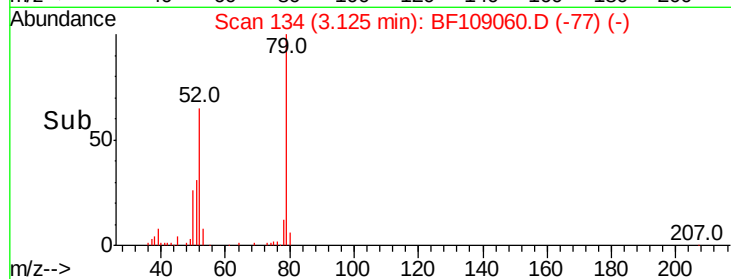
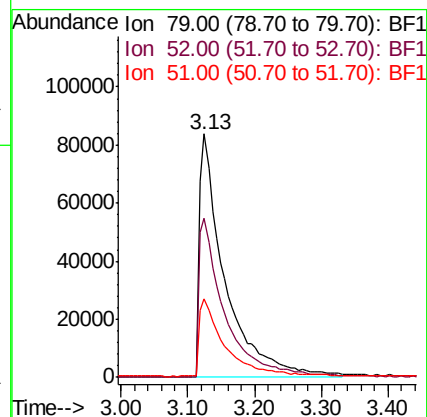
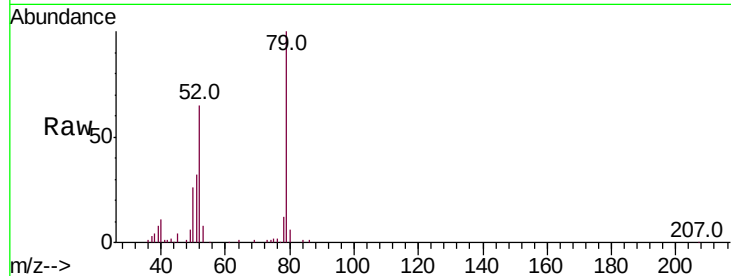




#3
 Pvridine
 Concen: 22.901 ng
 RT: 3.13 min Scan# 134
 Delta R.T. 0.04 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

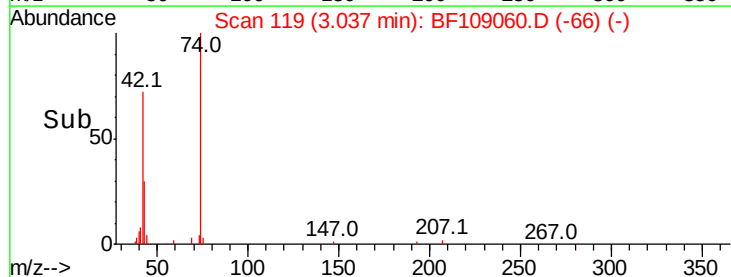
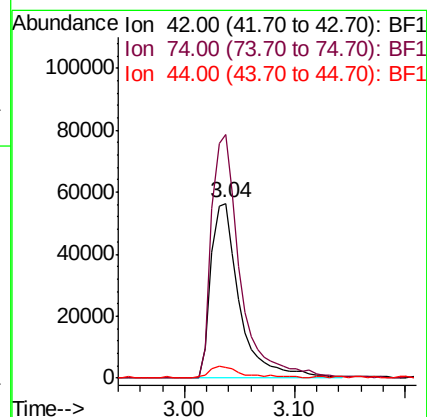
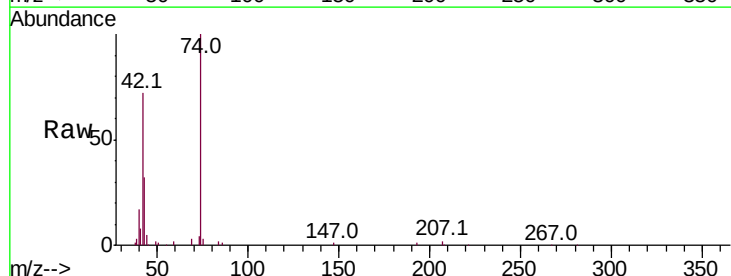
Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

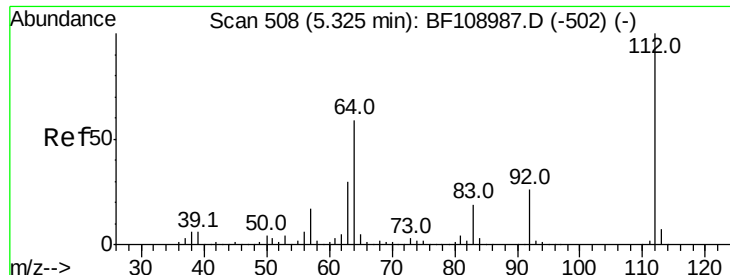
Tot Ion: 79 Resp: 216750
 Ion Ratio Lower Upper
 79 100
 52 65.3 59.8 89.6
 51 32.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 28.092 ng
 RT: 3.04 min Scan# 119
 Delta R.T. 0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 42 Resp: 100413
 Ion Ratio Lower Upper
 42 100
 74 139.1 104.9 157.3
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 80.206 ng

RT: 5.33 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

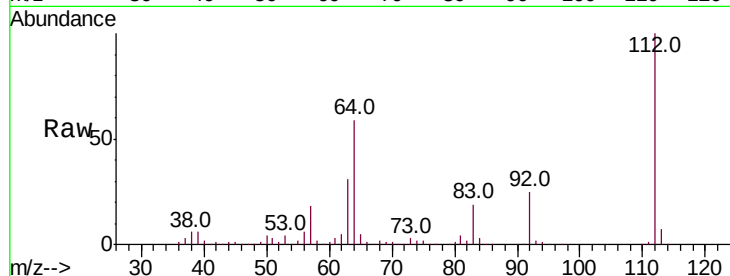
Tot Ion:112 Resp: 601567

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

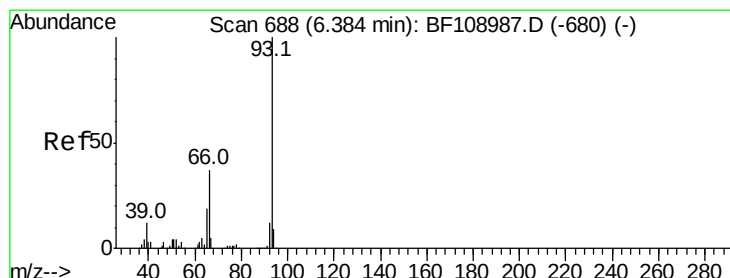
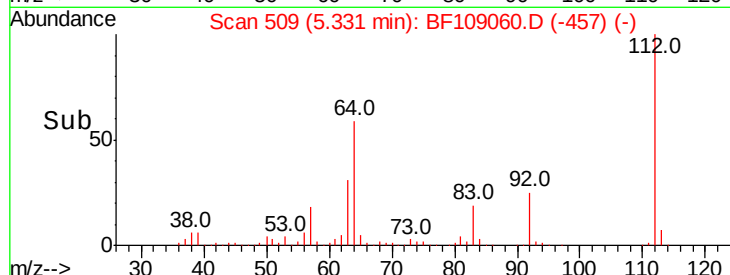
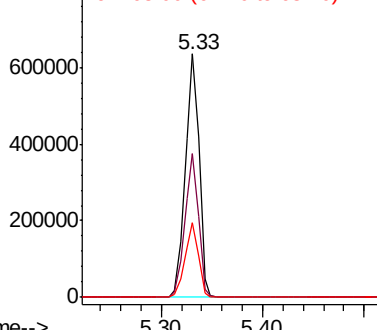
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.436 ng

RT: 6.38 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

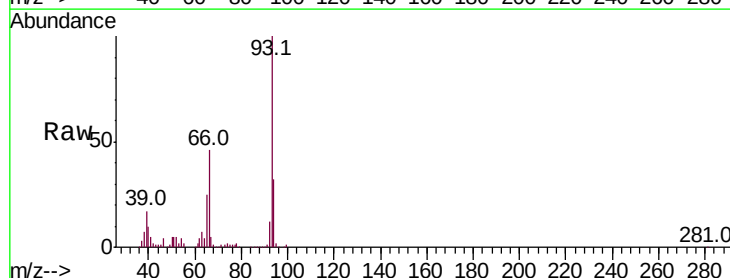
Tgt Ion: 93 Resp: 242961

Ion Ratio Lower Upper

93 100

66 46.0 32.2 48.2

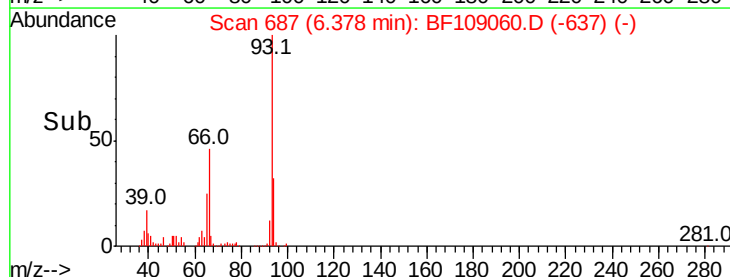
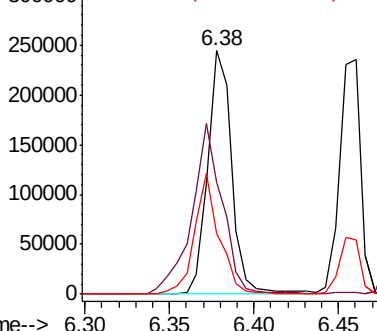
65 25.0 16.4 24.6#

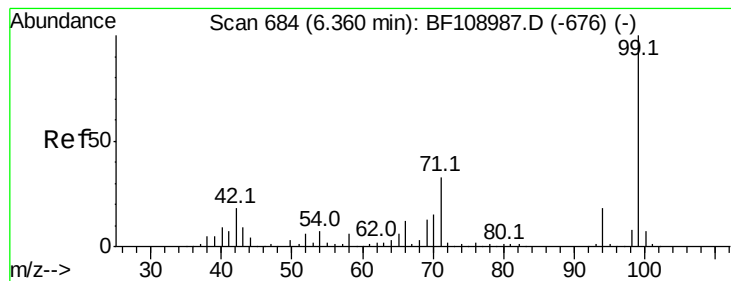


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.589 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

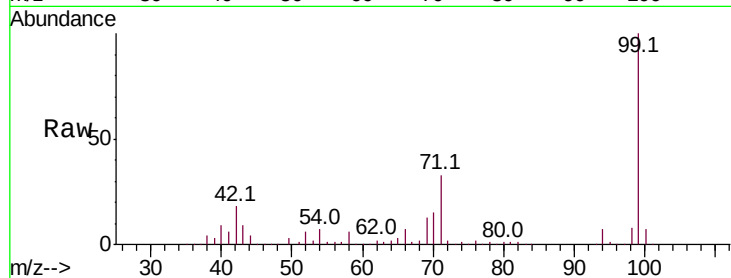
Tot Ion: 99 Resp: 731038

Ion Ratio Lower Upper

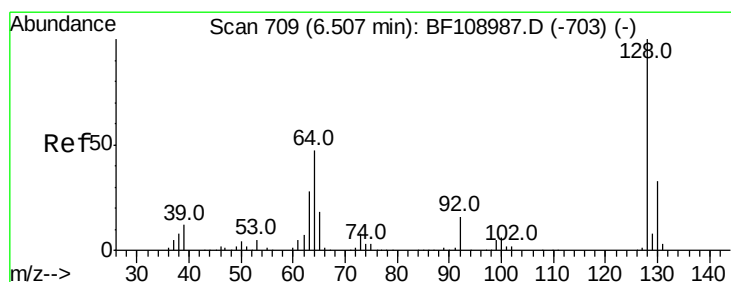
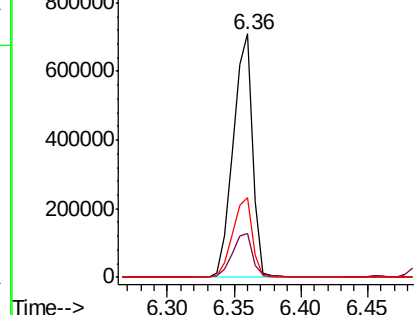
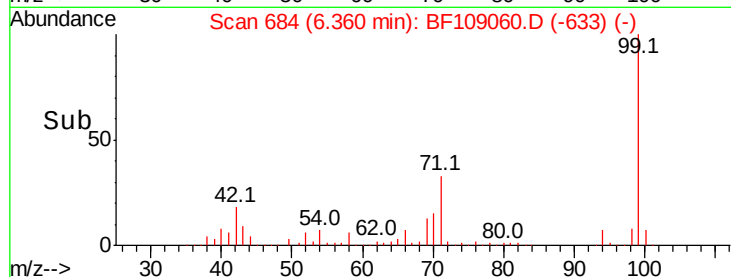
99 100

42 17.9 14.5 21.7

71 32.7 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: 24.123 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

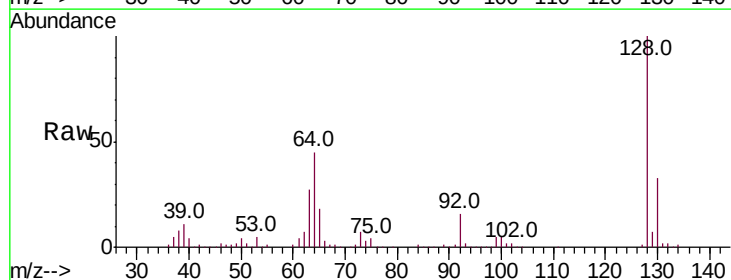
Tgt Ion: 128 Resp: 202476

Ion Ratio Lower Upper

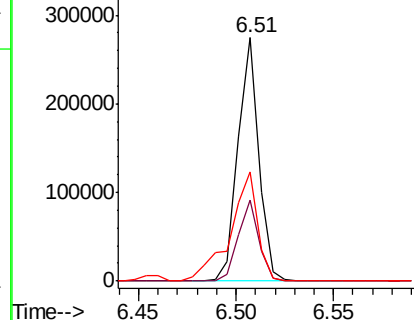
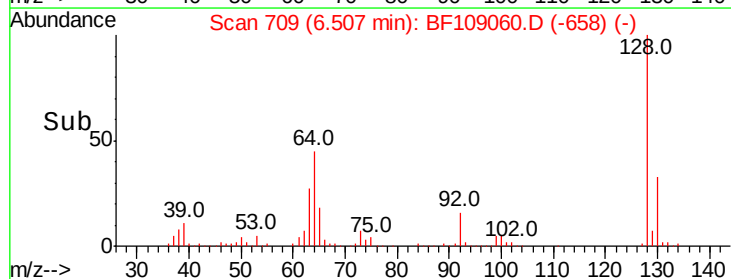
128 100

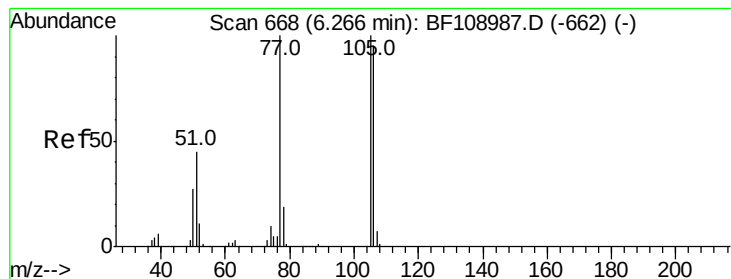
130 33.1 13.0 53.0

64 44.9 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: 13.205 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

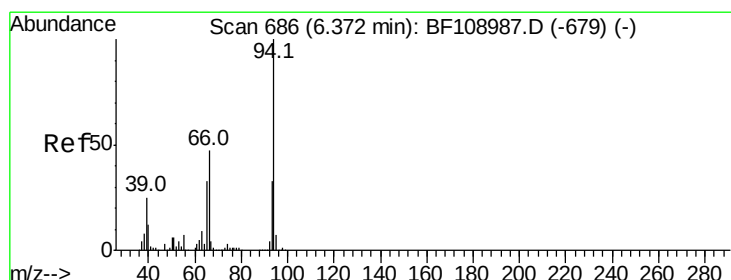
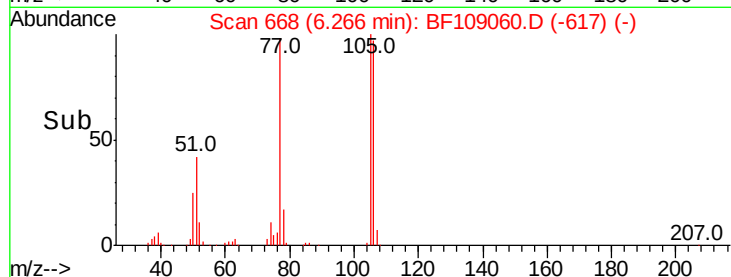
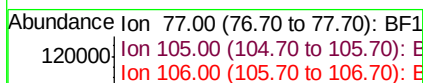
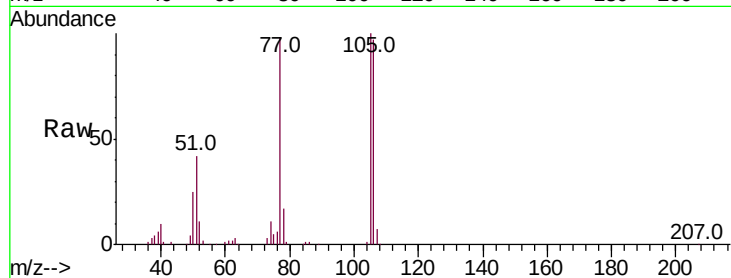
Tot Ion: 77 Resp: 81561

Ion Ratio Lower Upper

77 100

105 102.0 81.1 121.1

106 99.3 74.5 114.5



#10

Phenol

Concen: 25.465 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

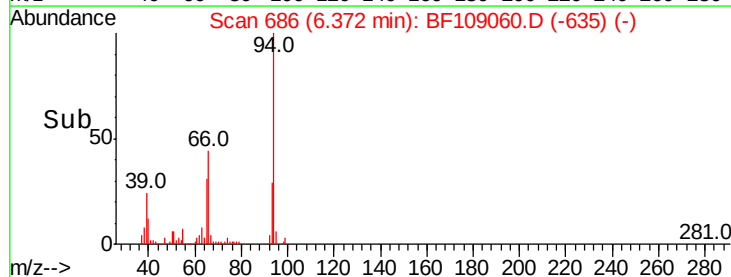
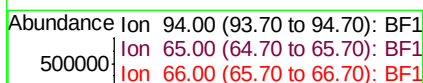
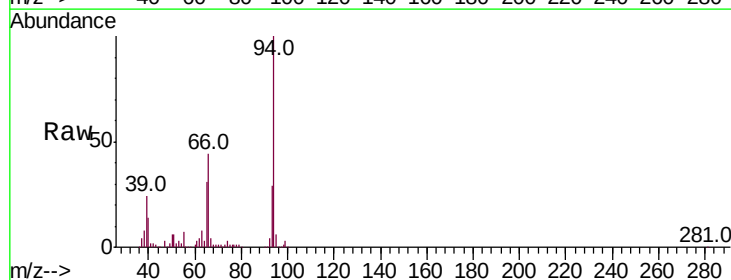
Tgt Ion: 94 Resp: 277106

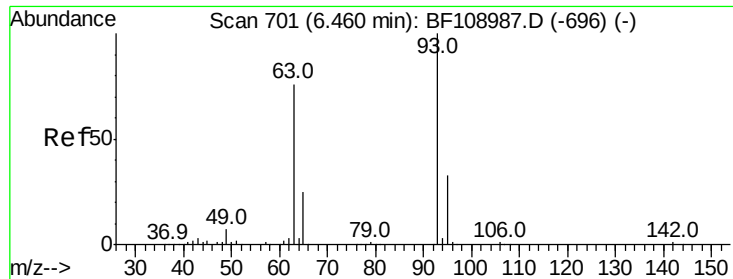
Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

66 44.3 16.2 56.2

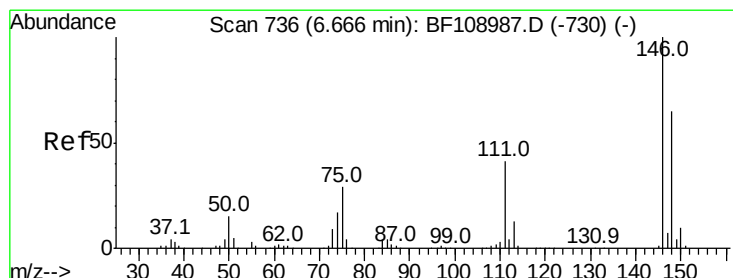
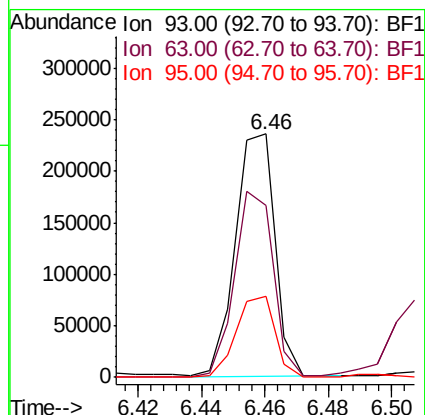
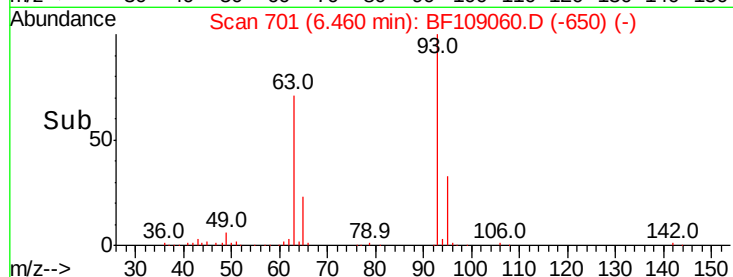
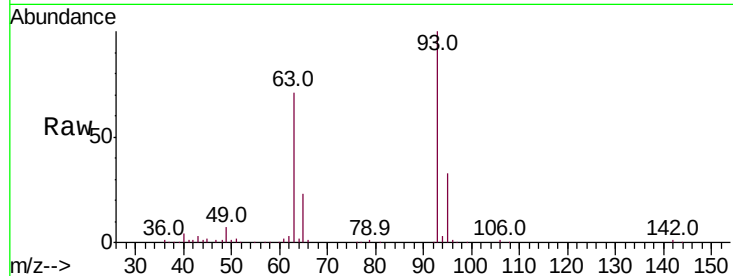




#11
 bis(2-Chloroethyl)ether
 Concen: 23.730 ng
 RT: 6.46 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

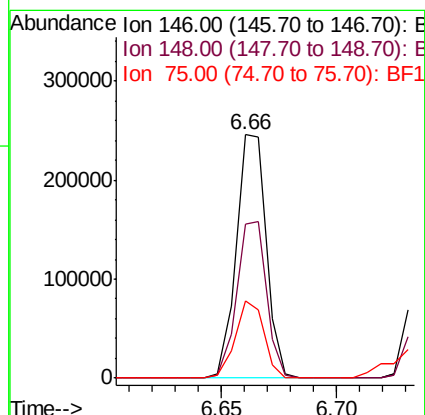
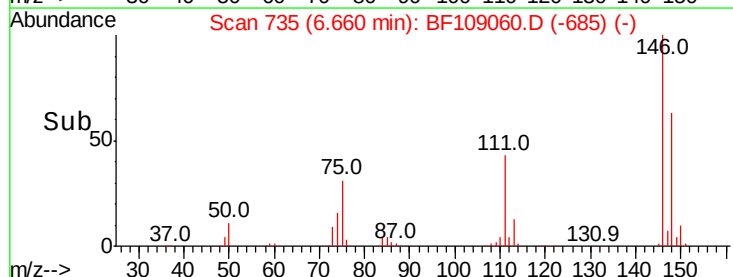
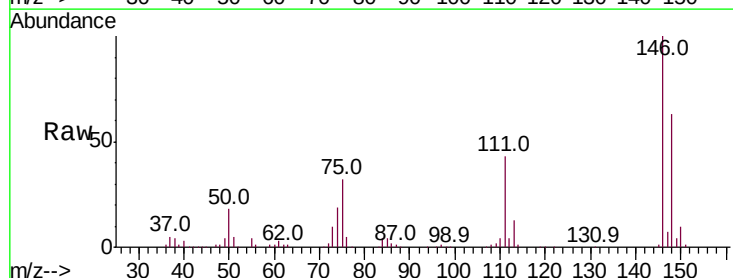
Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

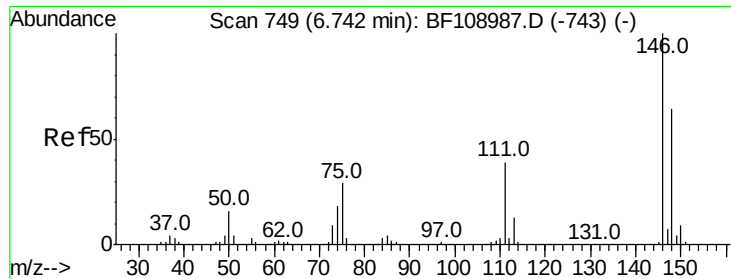
Tot Ion: 93 Resp: 203155
 Ion Ratio Lower Upper
 93 100
 63 70.8 58.6 98.6
 95 33.2 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 23.258 ng
 RT: 6.66 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 146 Resp: 223253
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.8
 75 31.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 23.330 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

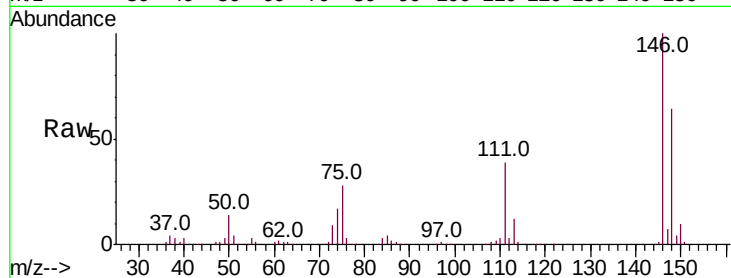
Tot Ion:146 Resp: 224664

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

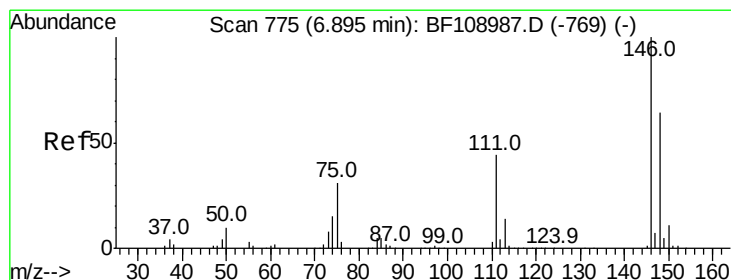
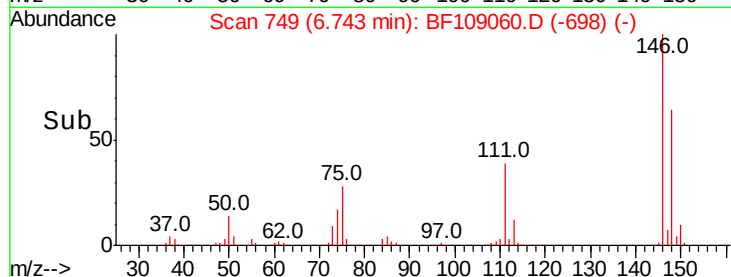
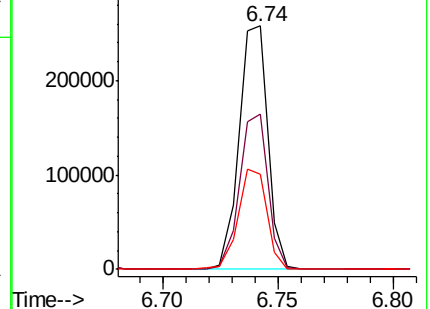
111 39.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 23.598 ng

RT: 6.90 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

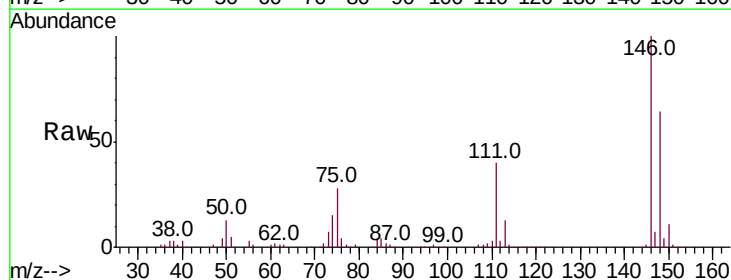
Tgt Ion:146 Resp: 210671

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

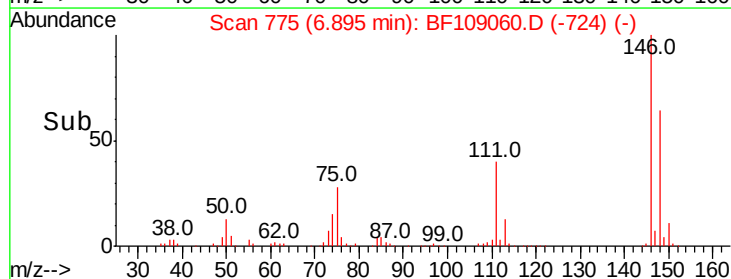
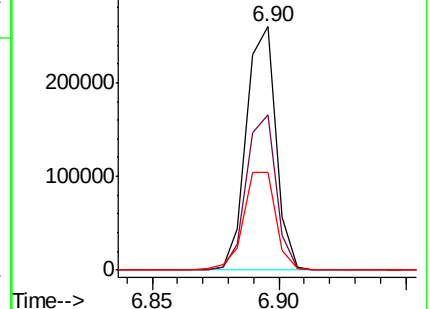
111 40.0 36.0 54.0

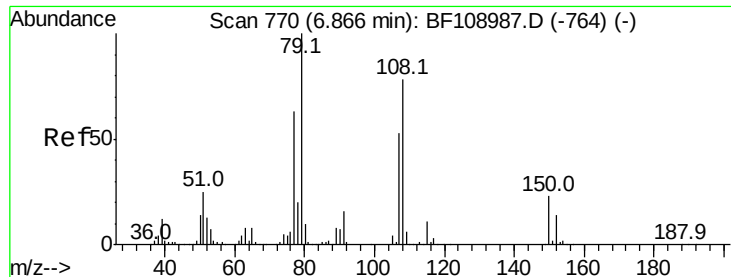


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.817 ng

RT: 6.86 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

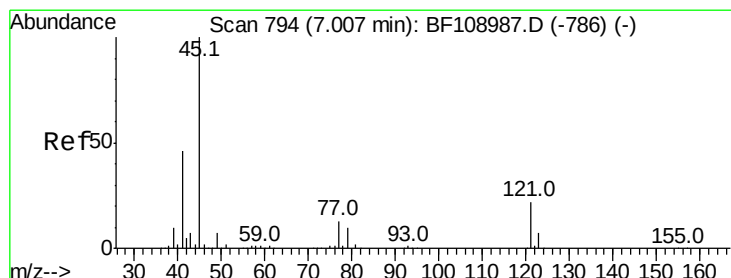
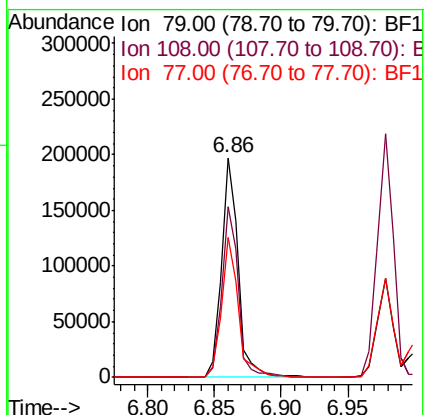
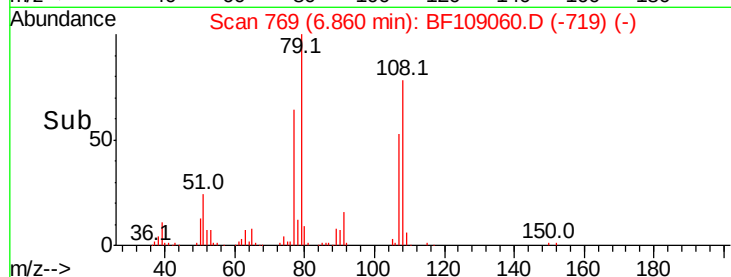
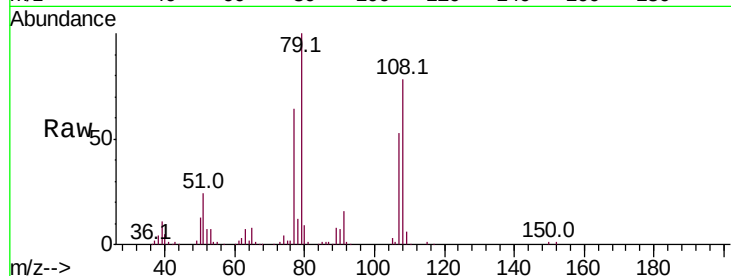
Tot Ion: 79 Resp: 174873

Ion Ratio Lower Upper

79 100

108 77.7 65.1 97.7

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.414 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

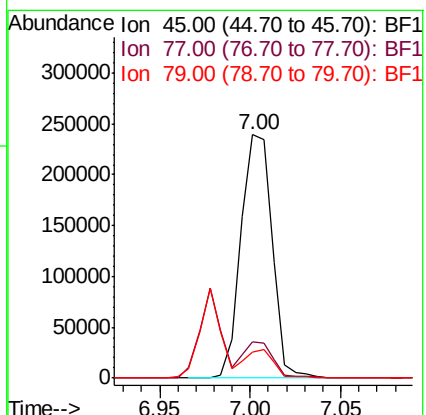
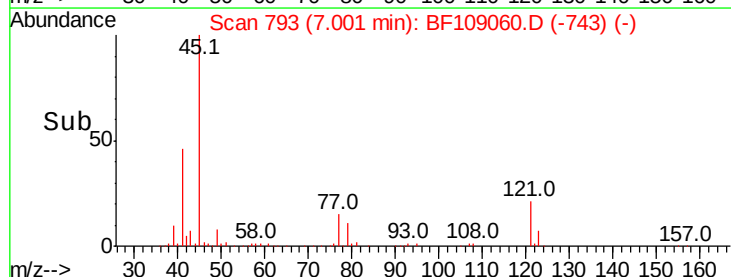
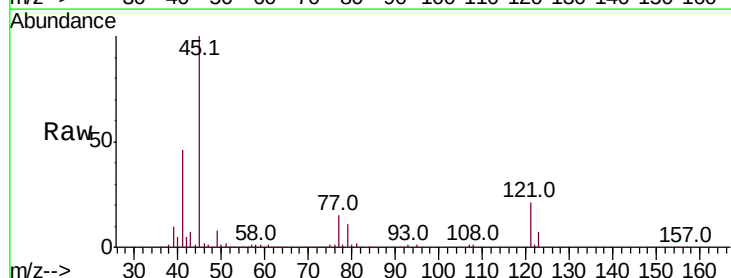
Tgt Ion: 45 Resp: 287203

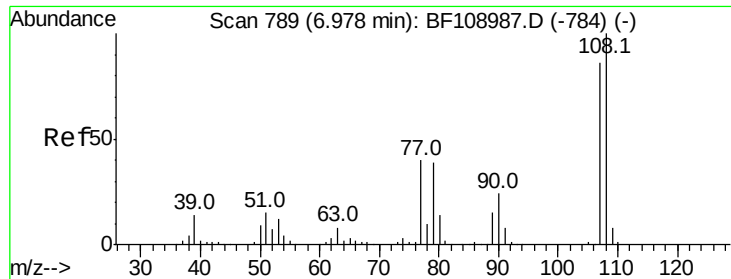
Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.9

79 10.8 0.0 29.6





#17

2-Methylphenol

Concen: 22.947 ng

RT: 6.98 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

Tot Ion:107 Resp: 157139

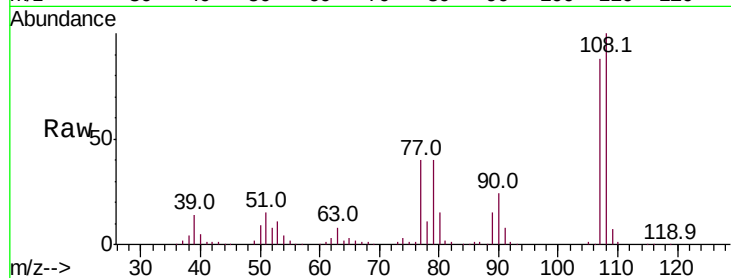
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 45.7 33.8 50.8

79 45.7 33.8 50.8

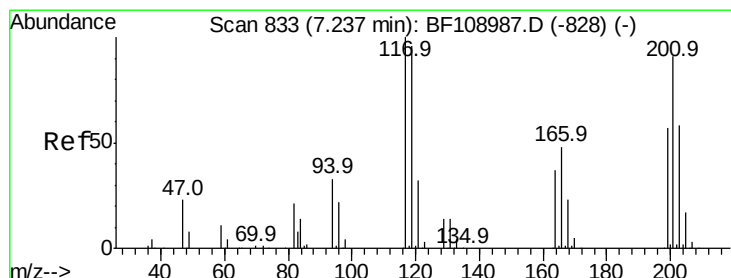
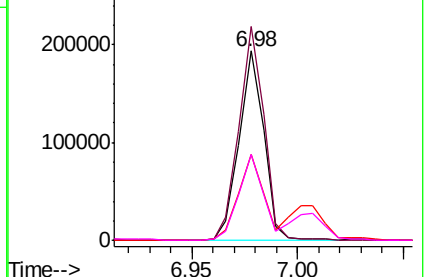
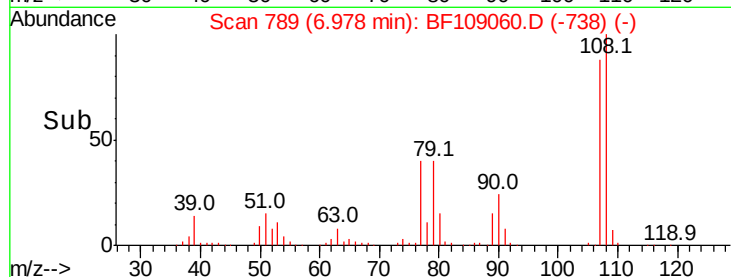


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 19.615 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

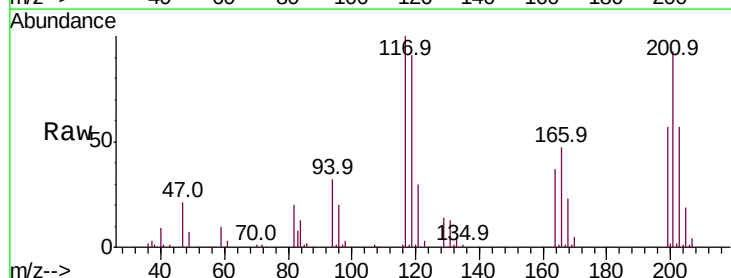
Tgt Ion:117 Resp: 68602

Ion Ratio Lower Upper

117 100

119 91.1 75.8 113.8

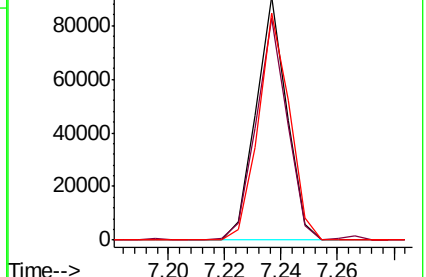
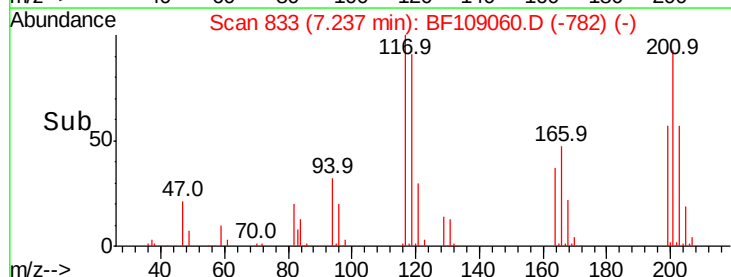
201 93.3 75.7 113.5

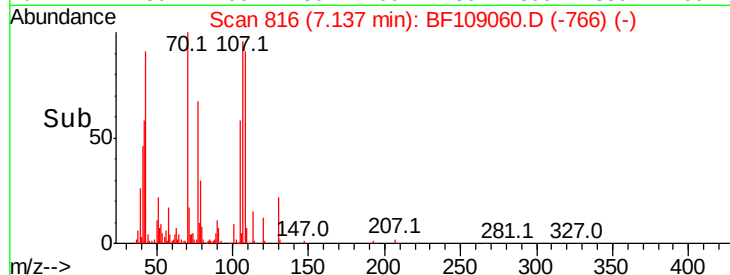
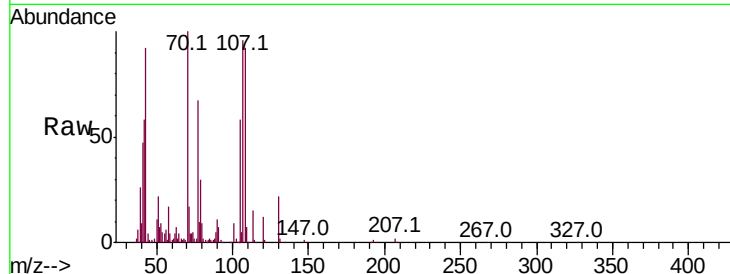
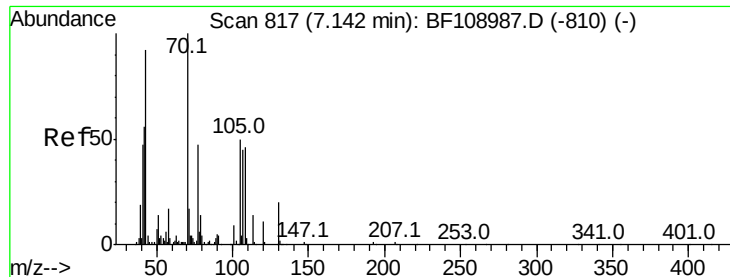


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

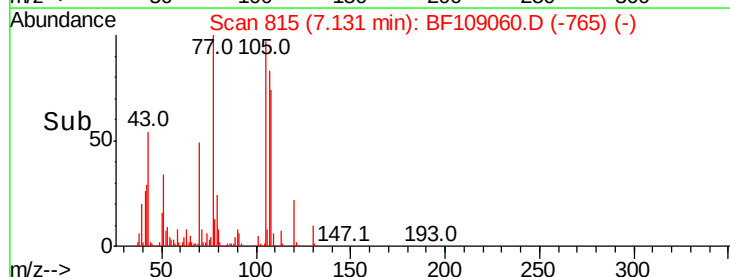
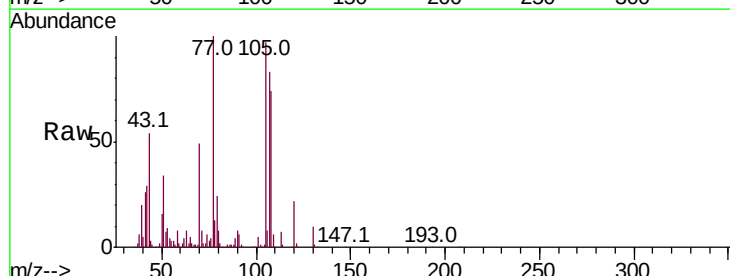
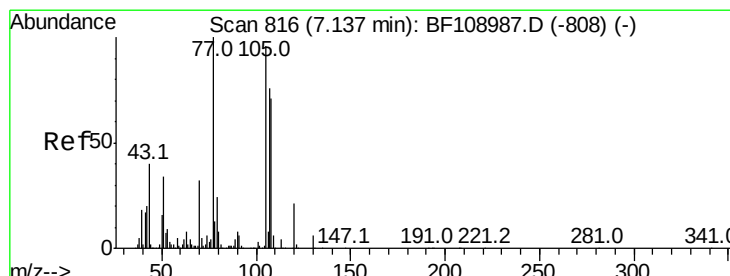
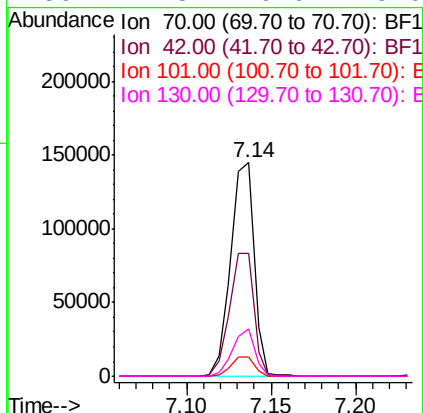




#19
n-Nitroso-di-n-propylamine
Concen: 21.988 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

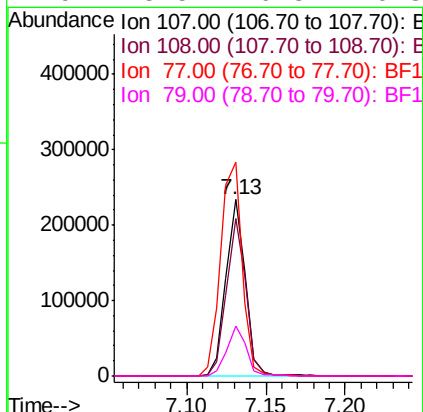
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

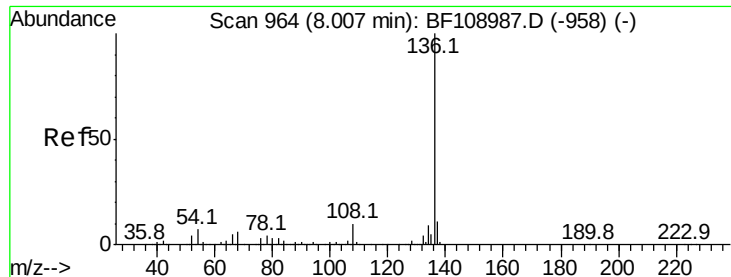
Tot Ion:	70	Resp:	140559
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.5	71.3
101	9.2	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 24.139 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:	107	Resp:	199082
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	121.1	26.7	66.7#
79	28.5	6.3	46.3

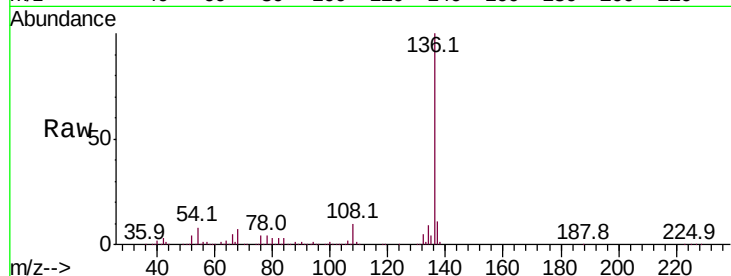




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

Tot Ion:136	Resp:	431330
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.9	13.3
54 7.8	6.6	9.8
68 6.5	5.0	7.4



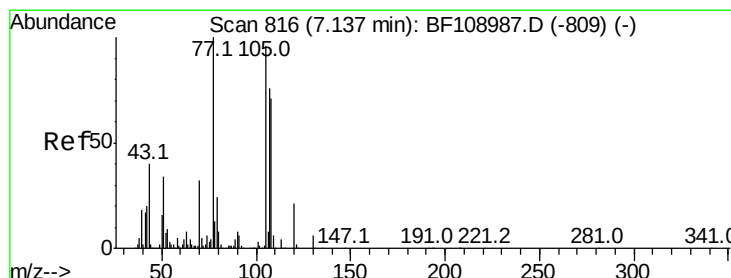
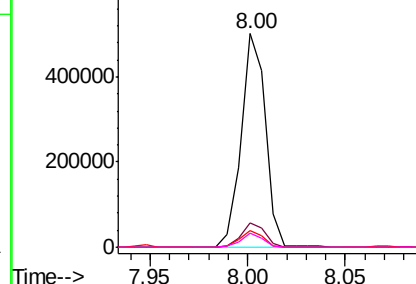
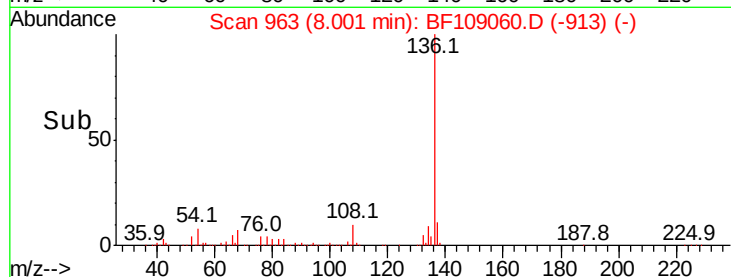
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

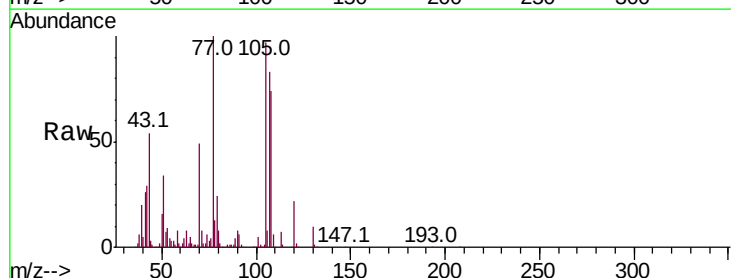
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 27.350 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt	Ion:105	Resp:	267904
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	34.9	22.3	33.5#
120	22.3	16.9	25.3



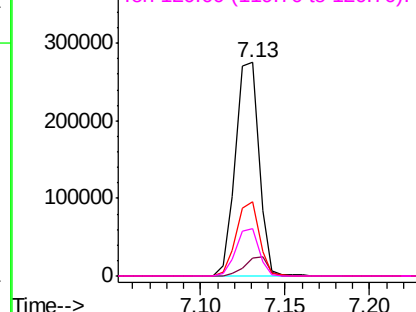
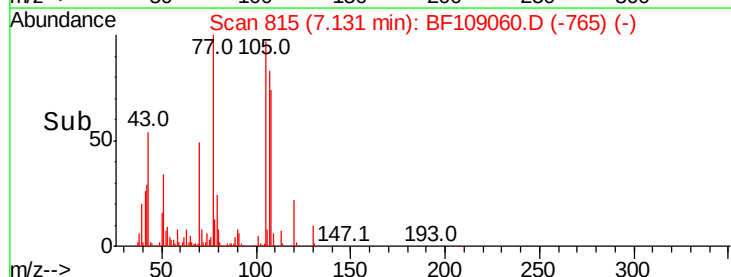
Abundance

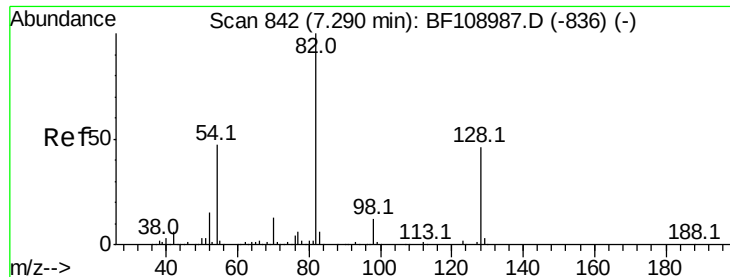
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

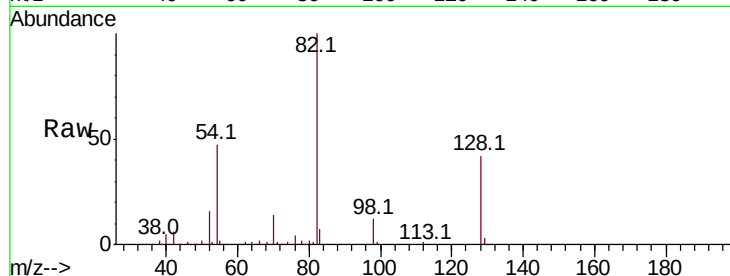




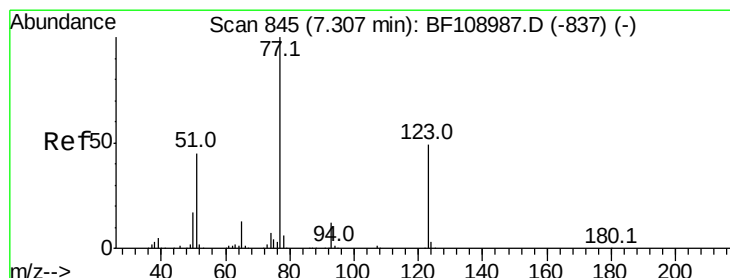
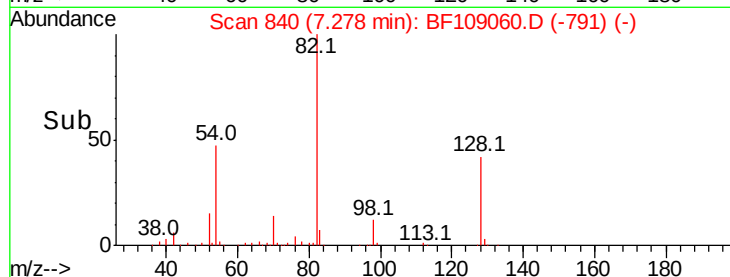
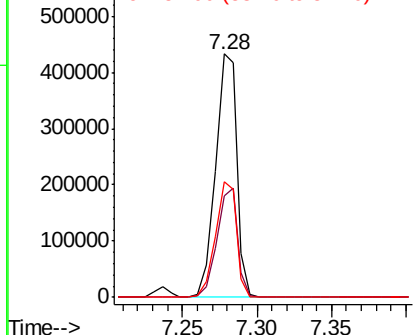
#23
 Nitrobenzene-d5
 Concen: 56.264 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

Tot Ion: 82 Resp: 432685
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 47.4 41.4 62.2

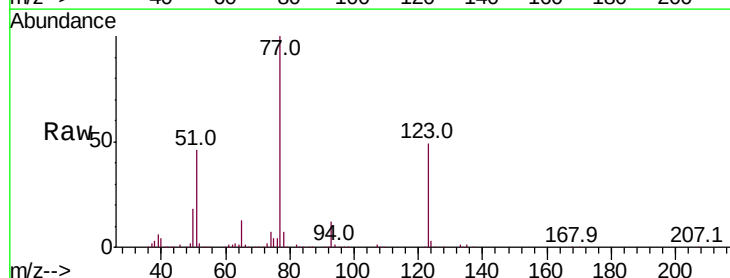


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

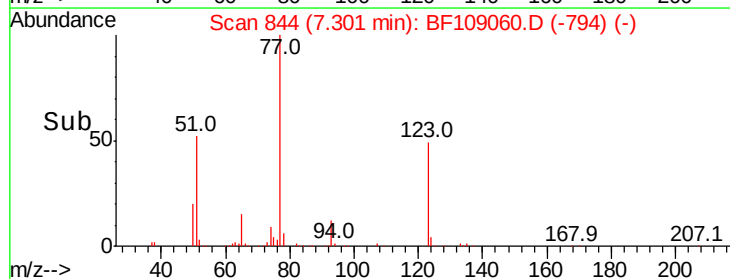
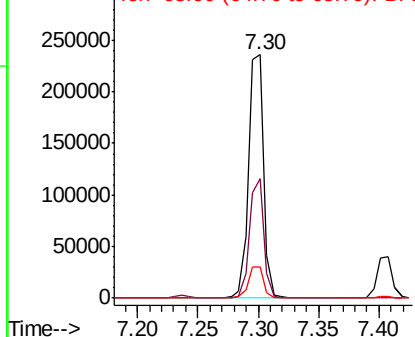


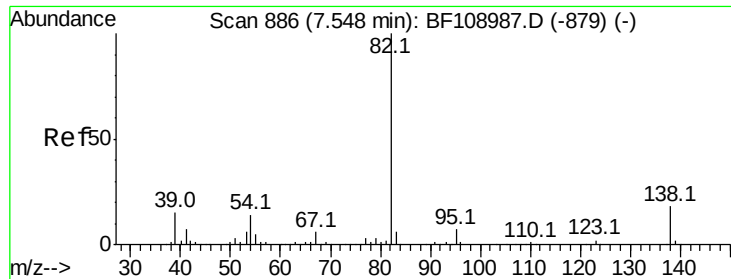
#24
 Nitrobenzene
 Concen: 26.137 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 77 Resp: 207236
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.9 56.9
 65 12.6 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: 27.463 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

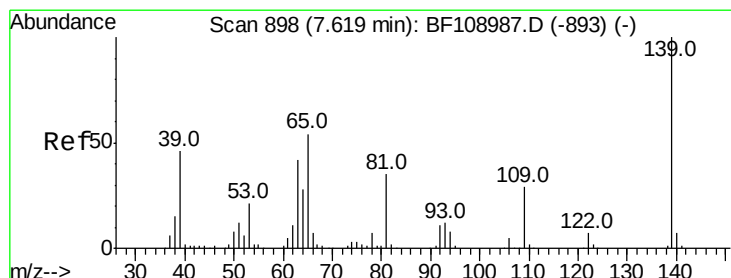
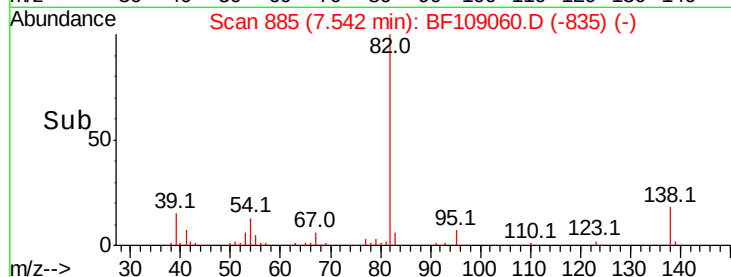
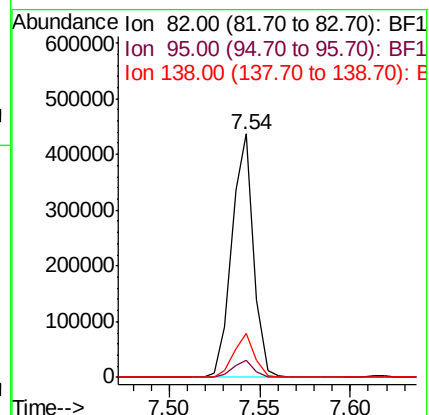
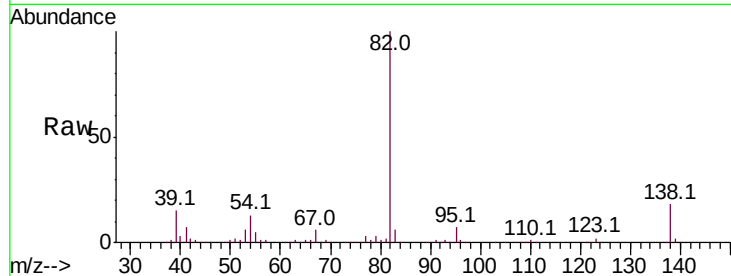
Tot Ion: 82 Resp: 363041

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 21.014 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

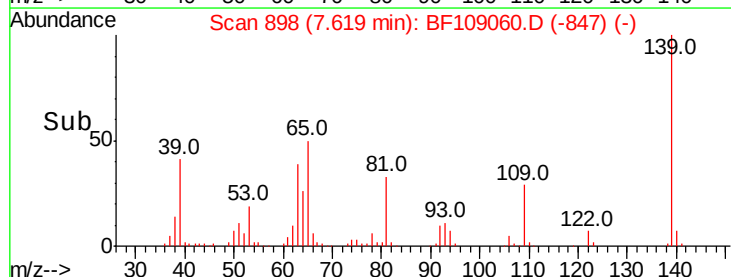
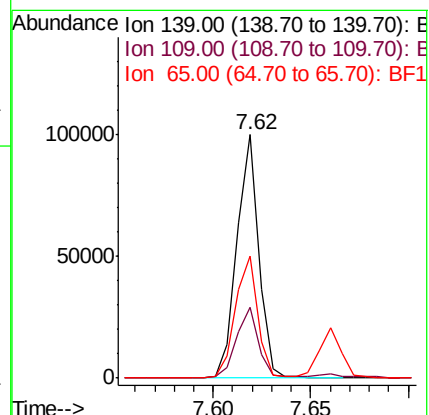
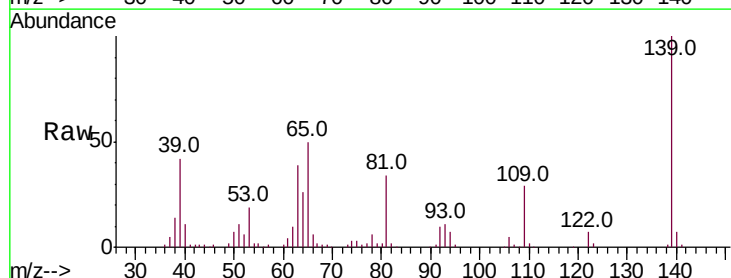
Tgt Ion:139 Resp: 77798

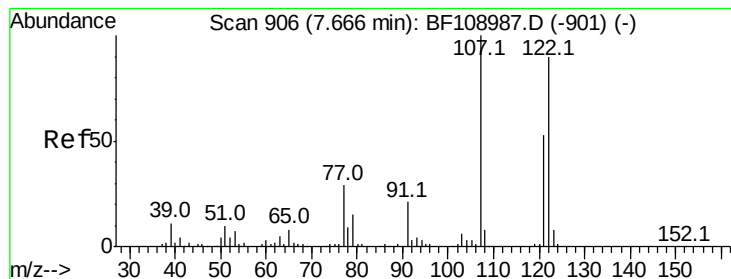
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 50.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 27.893 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

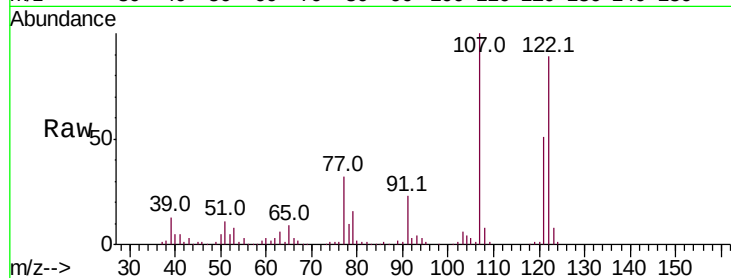
Tot Ion:122 Resp: 161986

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

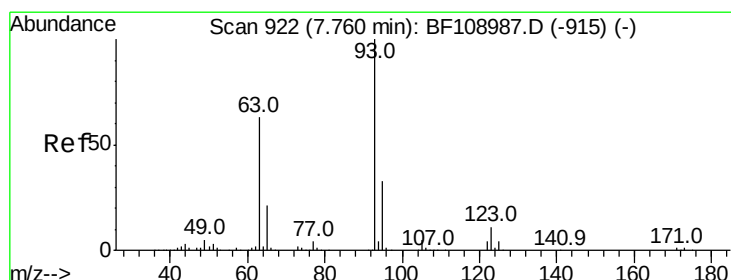
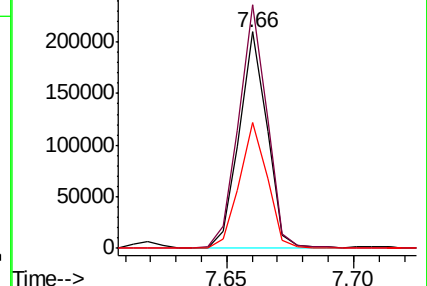
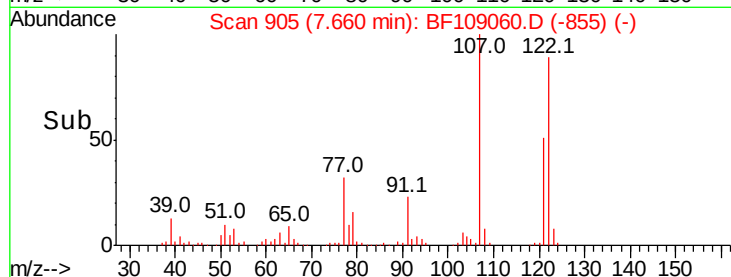
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.562 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

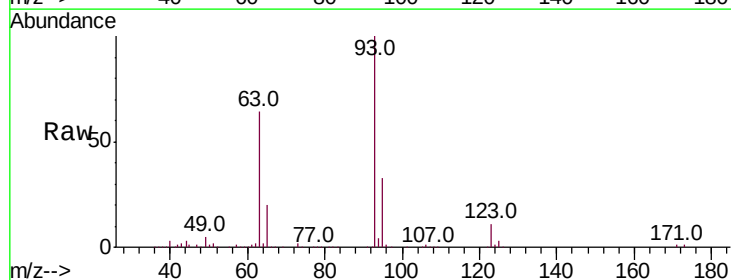
Tgt Ion: 93 Resp: 236284

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

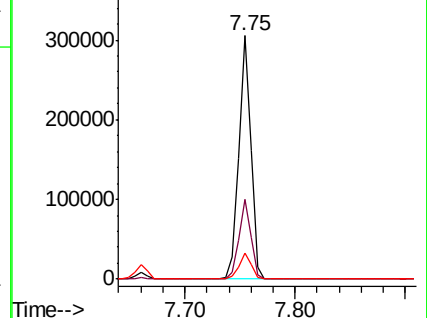
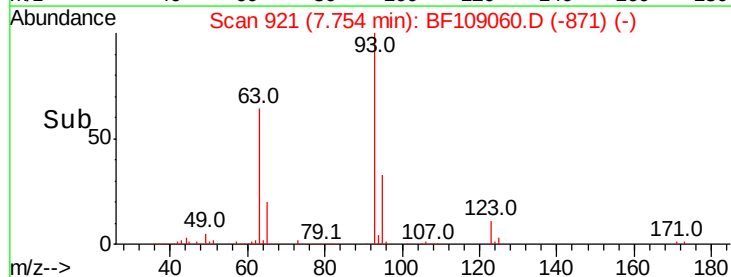
123 10.9 9.8 14.6

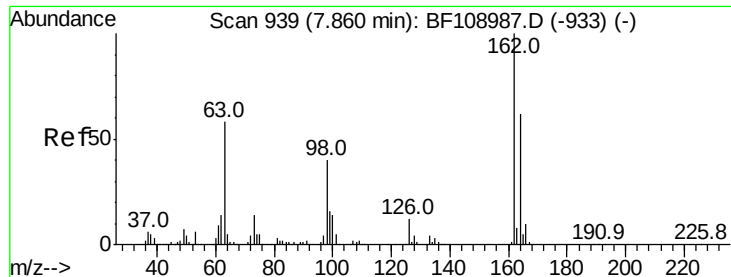


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 23.624 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

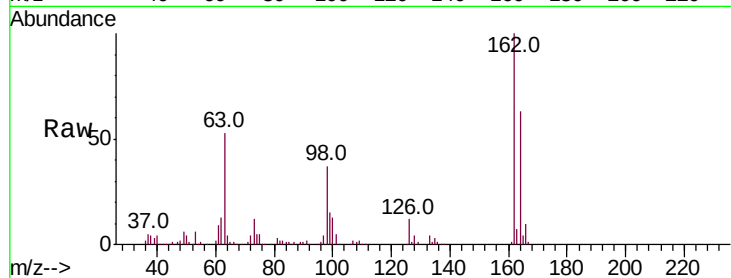
Tot Ion:162 Resp: 146201

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

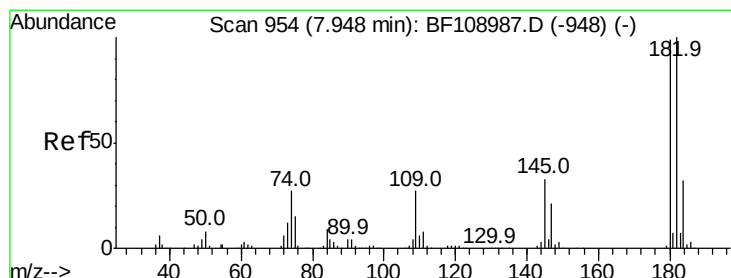
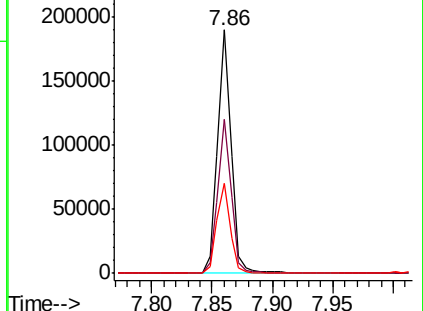
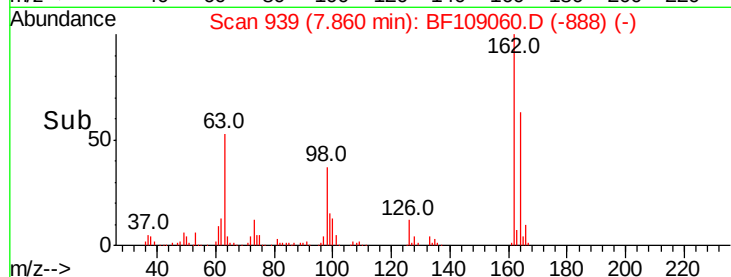
98 37.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 23.780 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

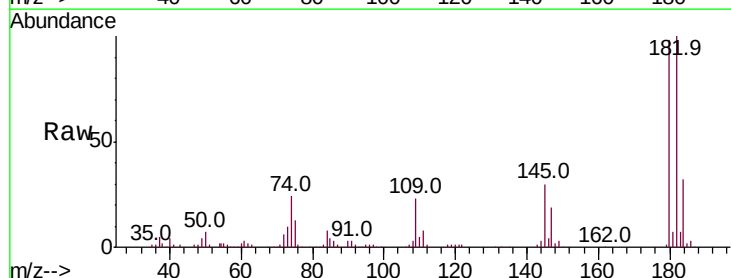
Tgt Ion:180 Resp: 159079

Ion Ratio Lower Upper

180 100

182 102.5 76.8 115.2

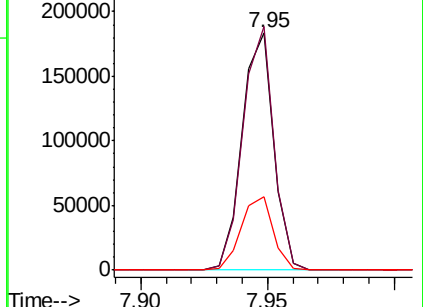
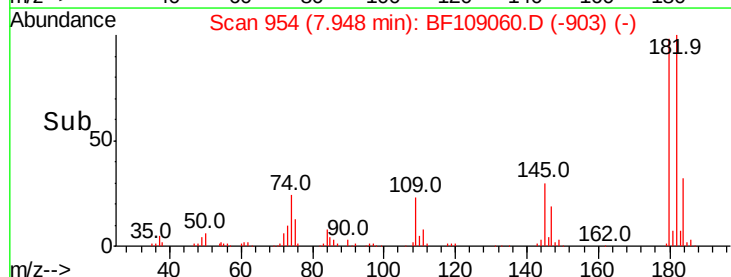
145 31.1 26.5 39.7

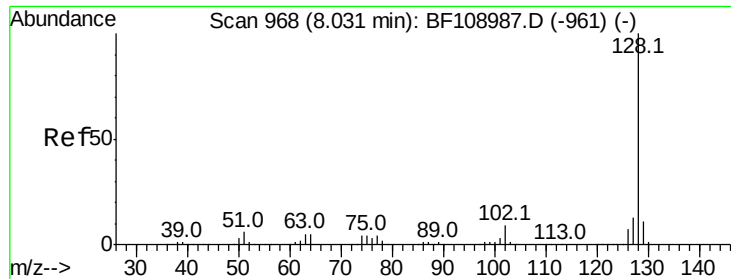


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

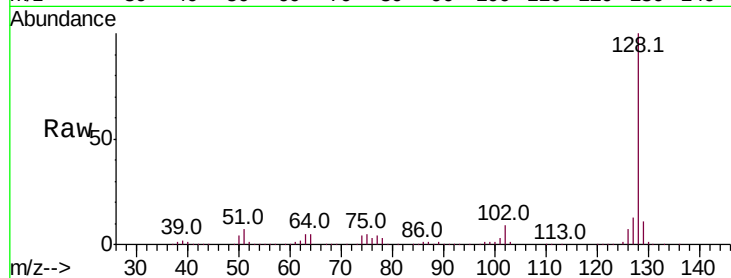




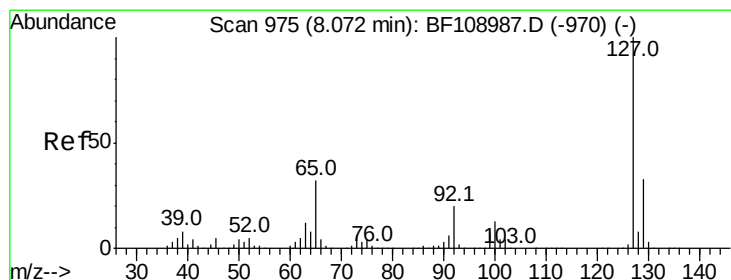
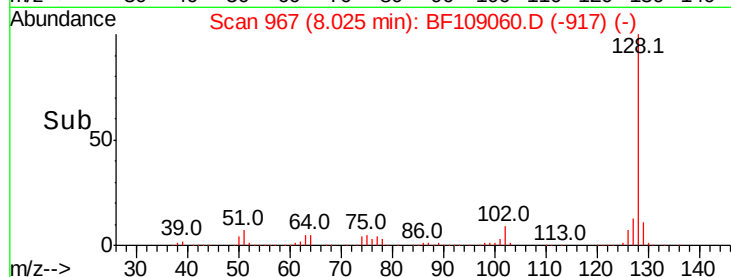
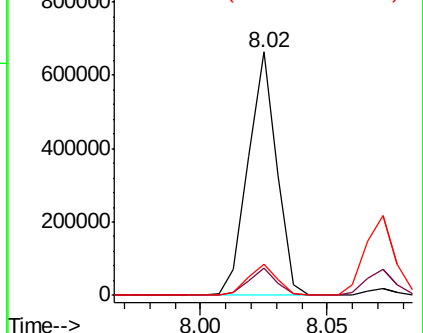
#31
Naphthalene
Concen: 26.015 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

Tot Ion:128 Resp: 520820
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.9 10.9 16.3

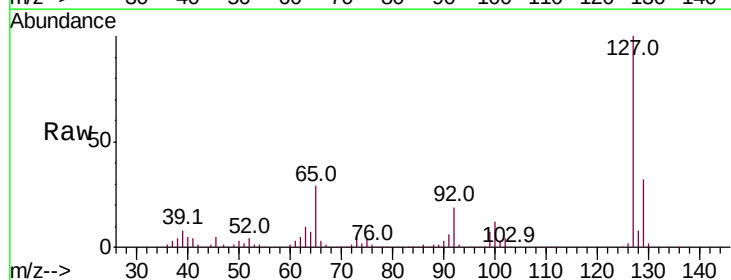


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

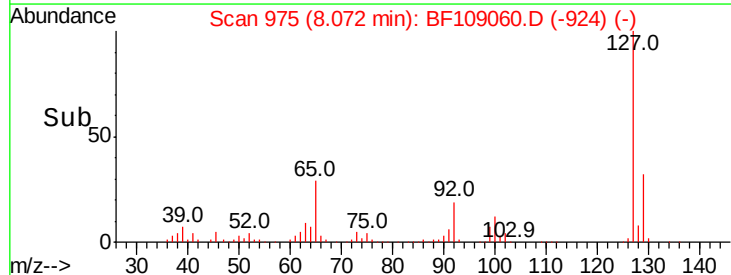
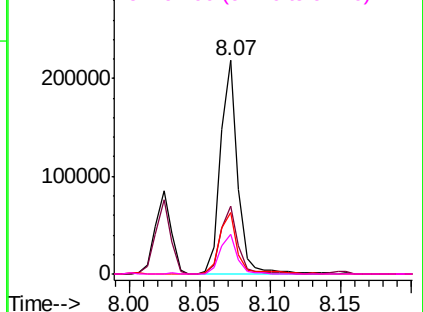


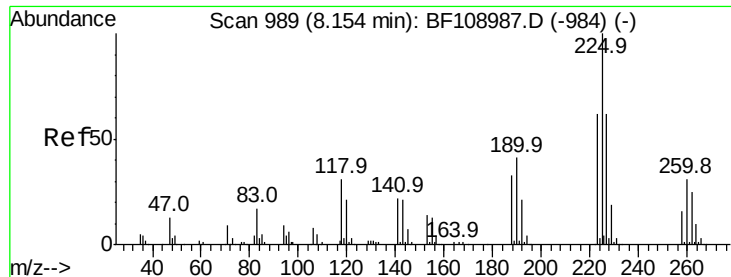
#33
4-Chloroaniline
Concen: 20.782 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:127 Resp: 184981
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 28.9 25.0 37.4
92 18.7 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: 23.981 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

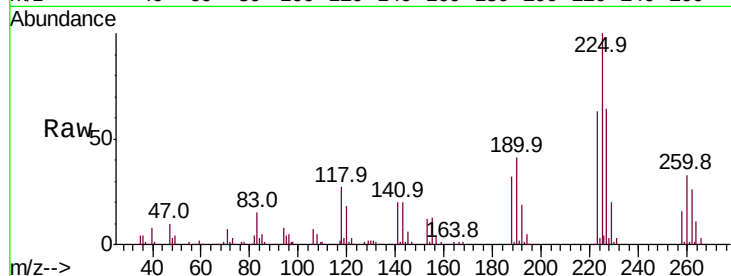
Tot Ion:225 Resp: 97939

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 63.6 51.9 77.9

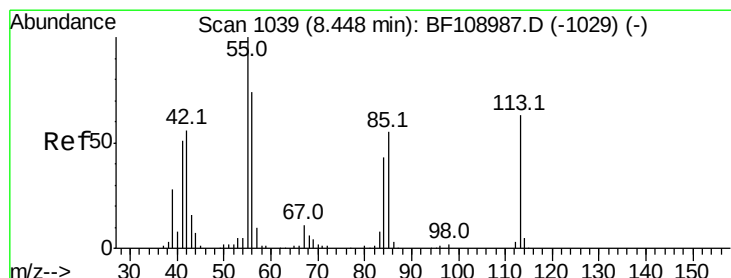
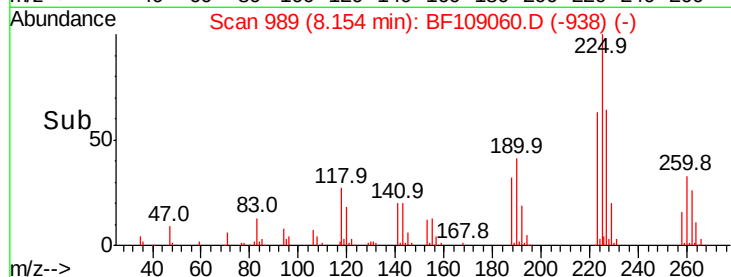
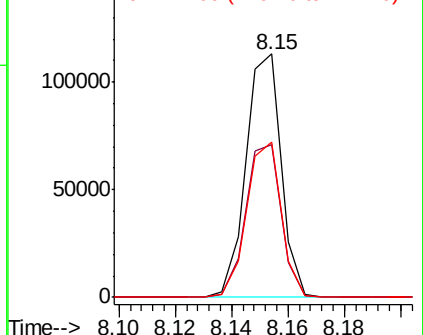


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 21.959 ng

RT: 8.41 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

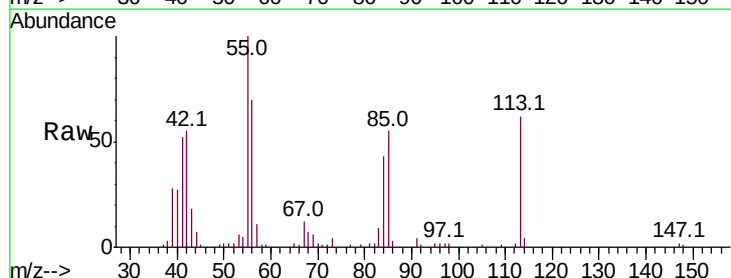
Tgt Ion:113 Resp: 44305

Ion Ratio Lower Upper

113 100

55 160.5 163.3 203.3#

56 113.0 115.7 155.7#

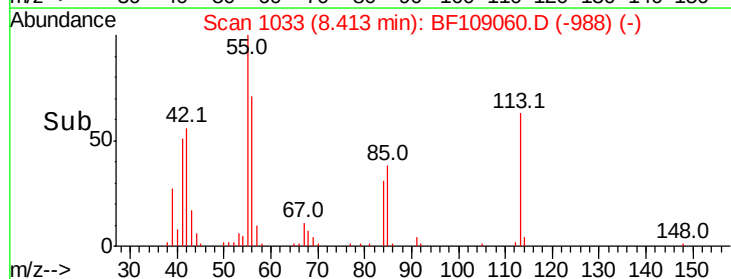
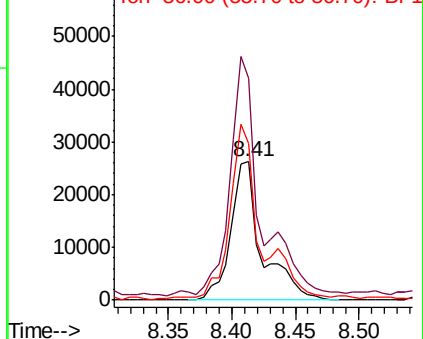


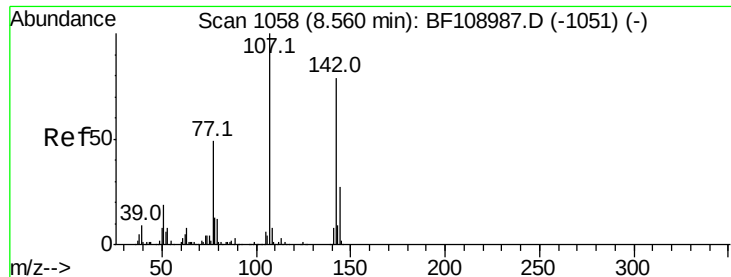
Abundance

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

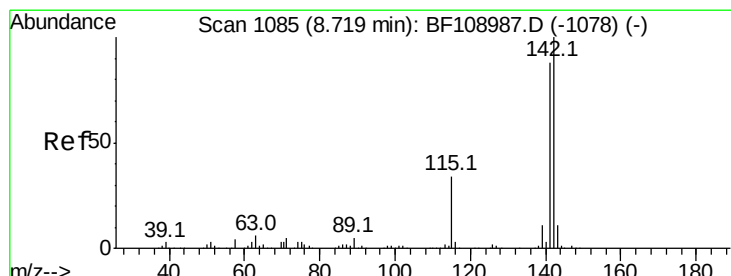
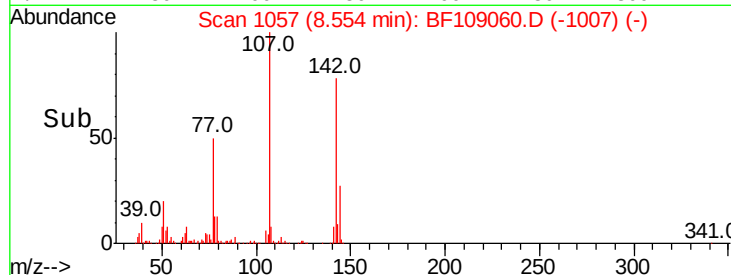
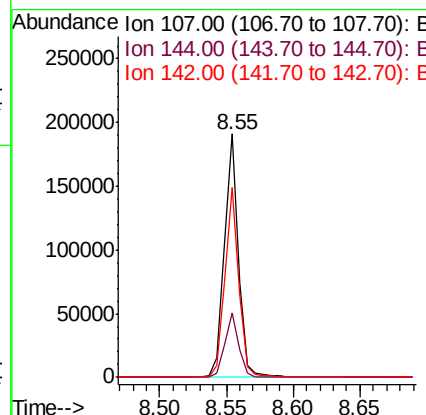
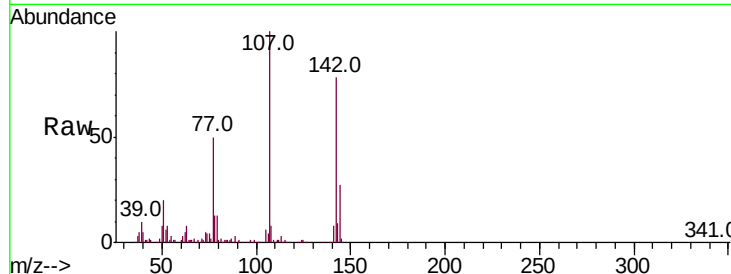




#36
4-Chloro-3-methylphenol
Concen: 22.088 ng
RT: 8.55 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

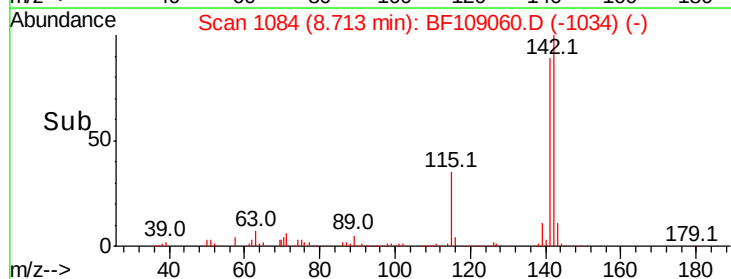
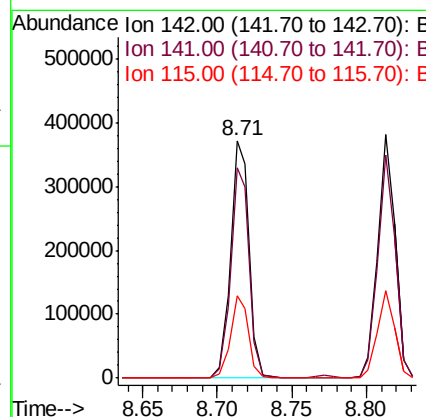
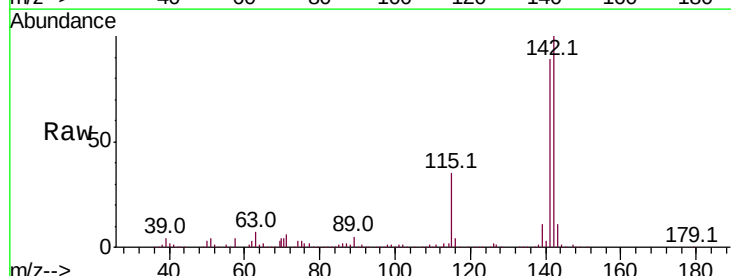
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

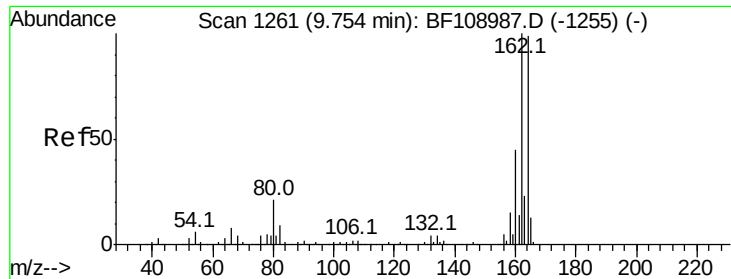
Tot Ion:107 Resp: 143901
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 78.1 62.0 93.0



#37
2-Methylnaphthalene
Concen: 25.165 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:142 Resp: 328407
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 34.5 26.1 39.1

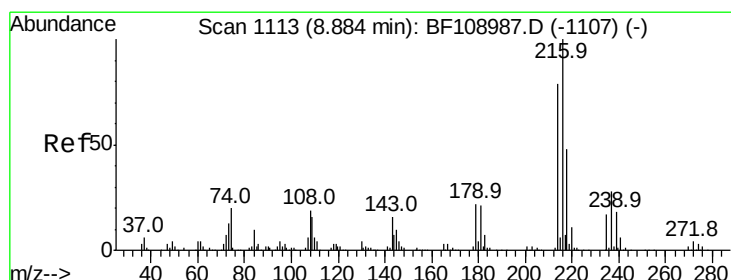
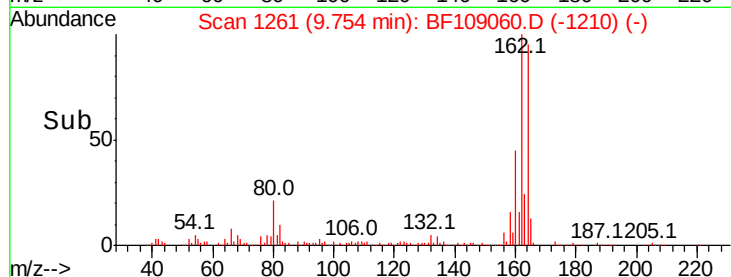
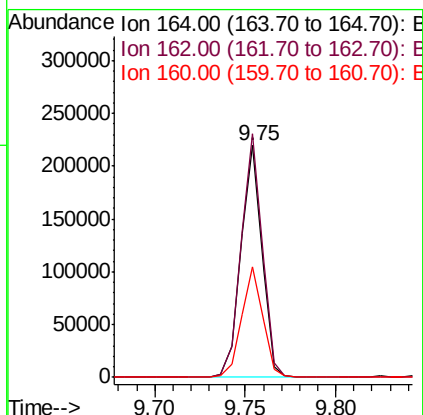
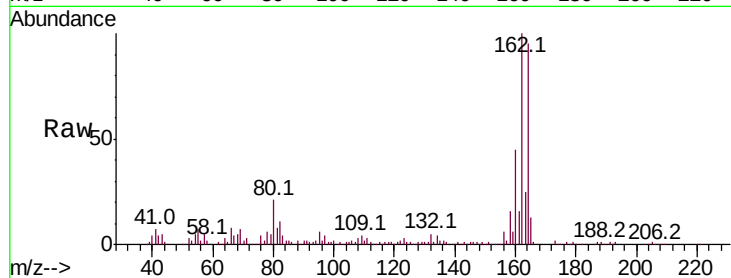




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

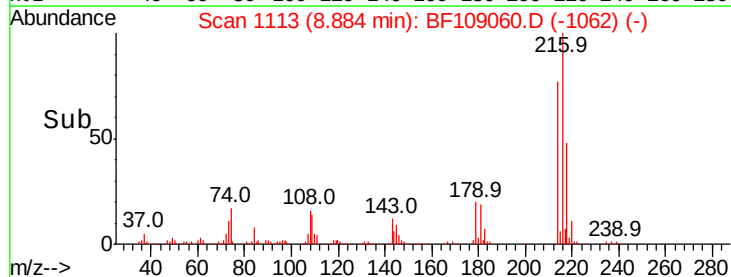
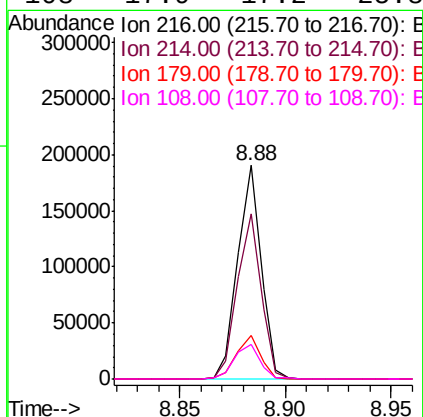
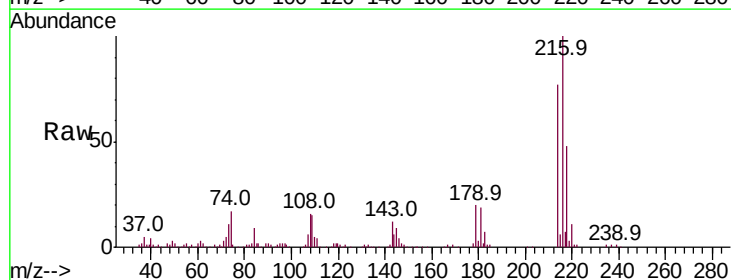
Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

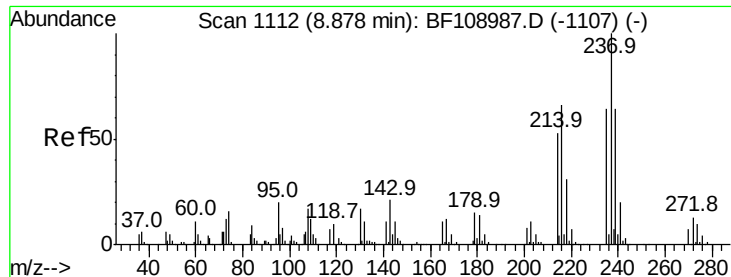
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.6	38.3	57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.616 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	21.1	18.1	27.1
108	17.9	17.2	25.8





#40

Hexachlorocyclopentadiene

Concen: 3.466 ng

RT: 8.87 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

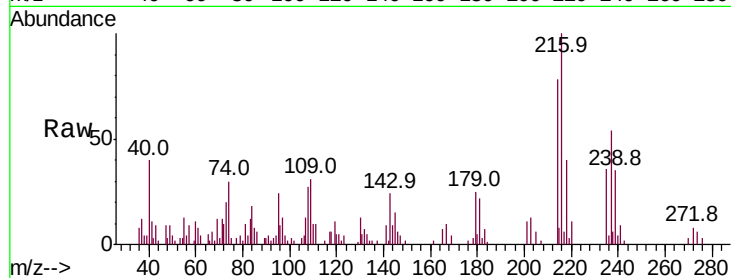
Tot Ion:237 Resp: 9646

Ion Ratio Lower Upper

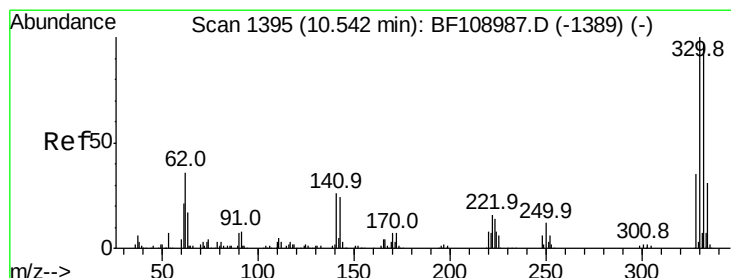
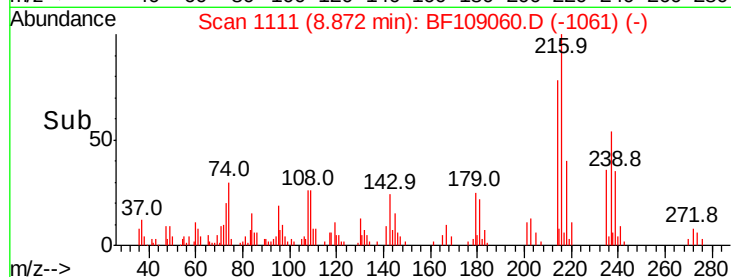
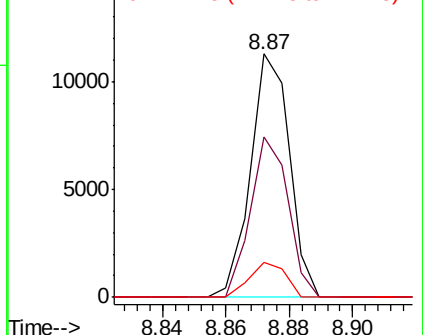
237 100

235 65.8 44.8 84.8

272 14.2 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: 76.433 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

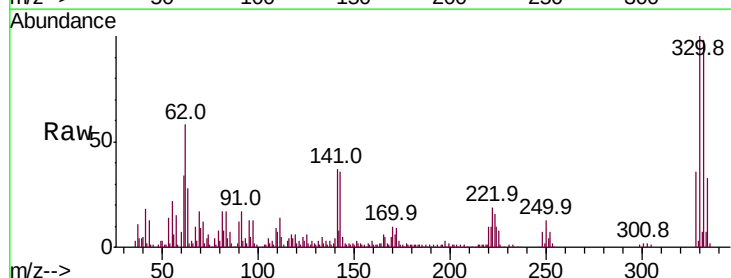
Tgt Ion:330 Resp: 145575

Ion Ratio Lower Upper

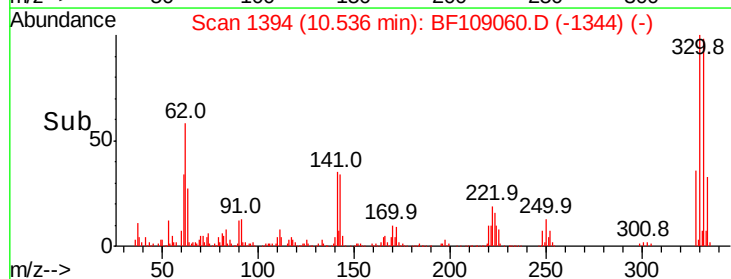
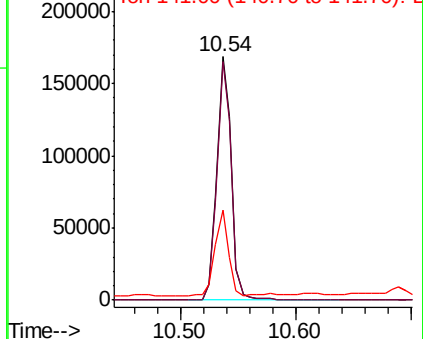
330 100

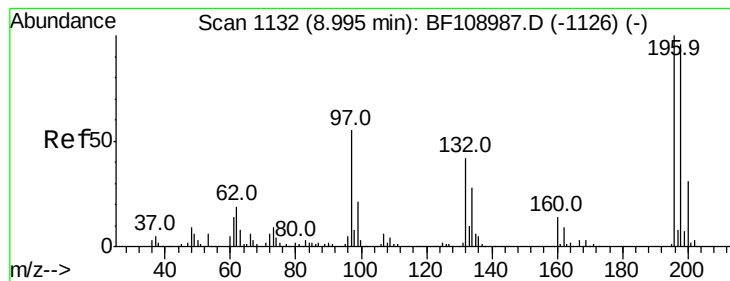
332 97.4 77.0 115.6

141 34.3 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 25.733 ng

RT: 9.00 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

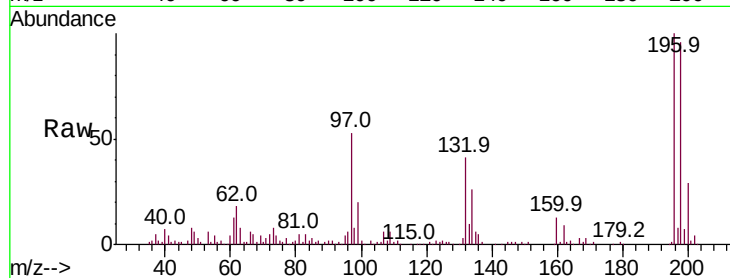
Tot Ion:196 Resp: 95537

Ion Ratio Lower Upper

196 100

198 95.9 75.7 113.5

200 29.5 24.5 36.7

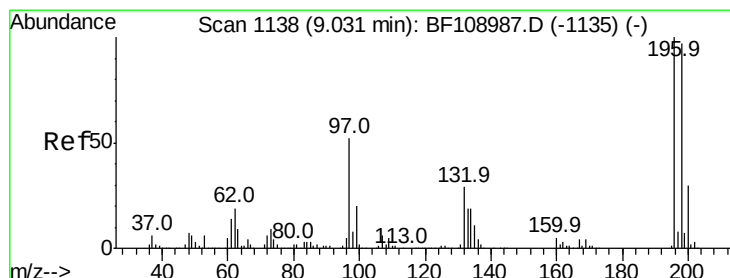
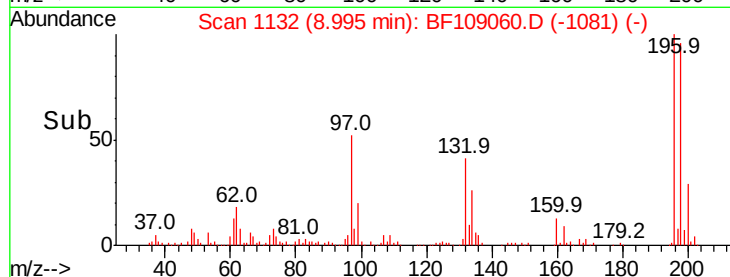
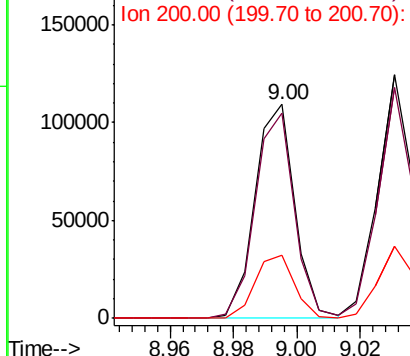


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 25.769 ng

RT: 9.03 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Tgt Ion:196 Resp: 99978

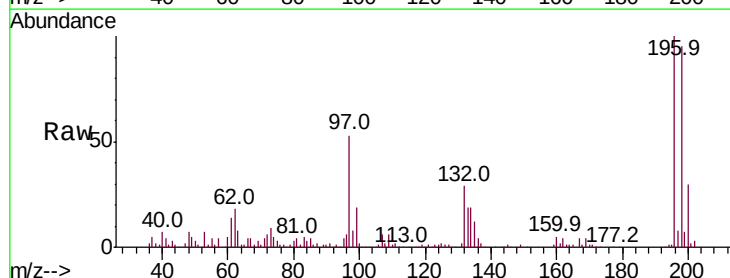
Ion Ratio Lower Upper

196 100

198 94.9 74.6 112.0

97 53.0 42.9 64.3

132 28.9 26.3 39.5



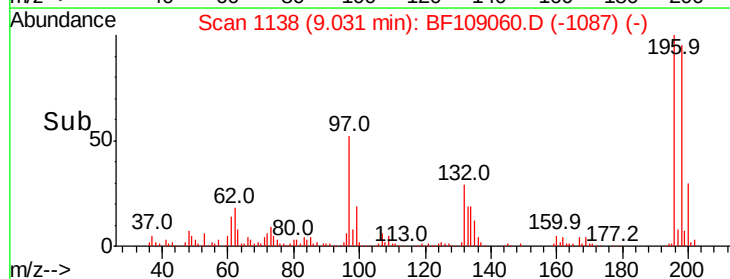
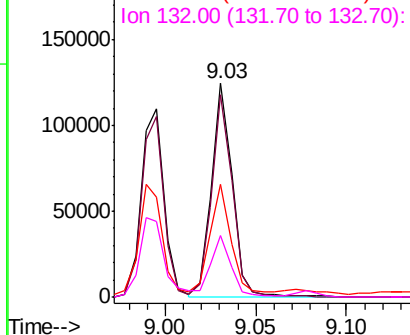
Abundance

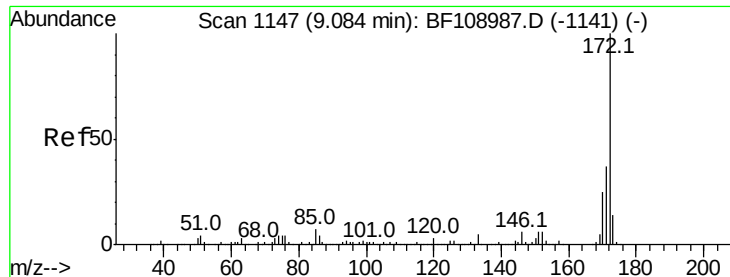
Ion 196.00 (195.70 to 196.70): E

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

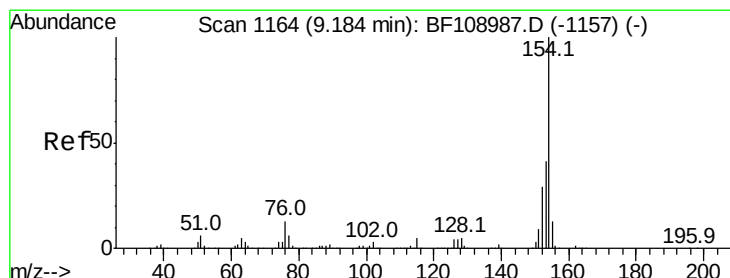
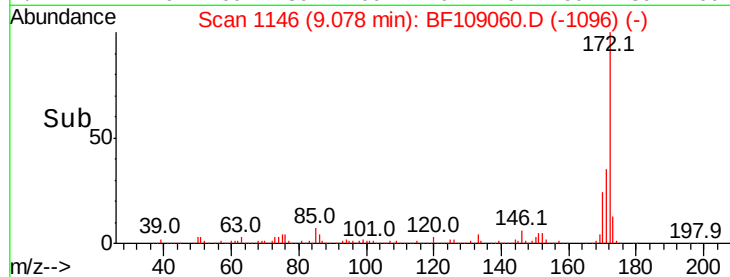
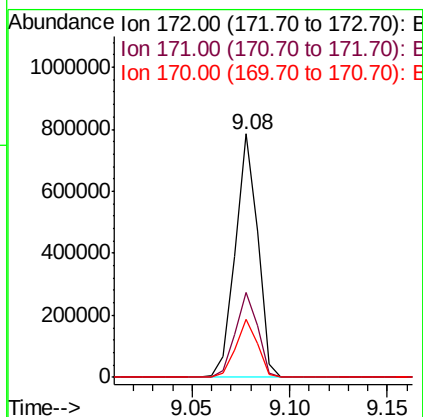
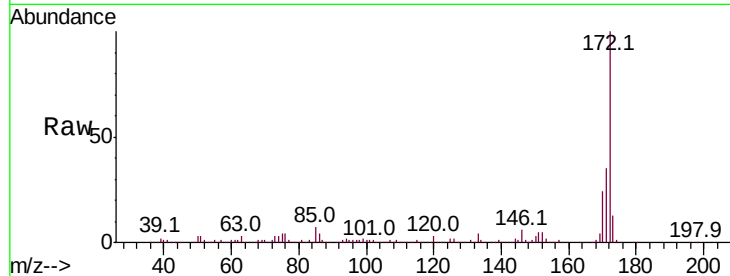




#44
2-Fluorobiphenyl
Concen: 55.544 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

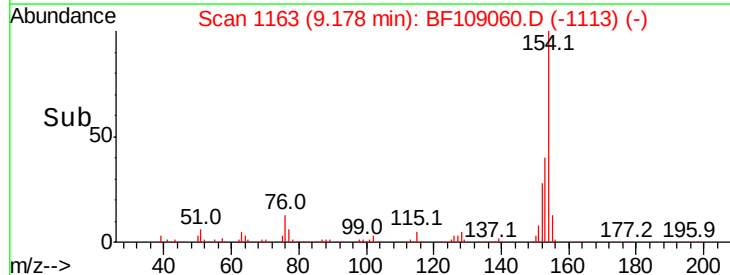
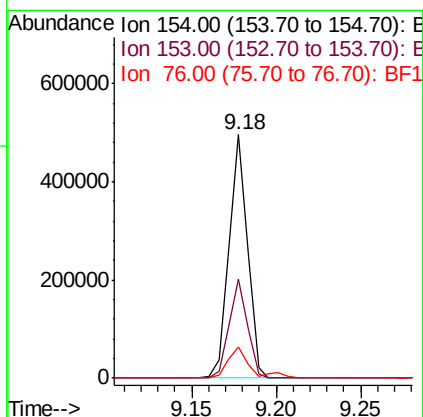
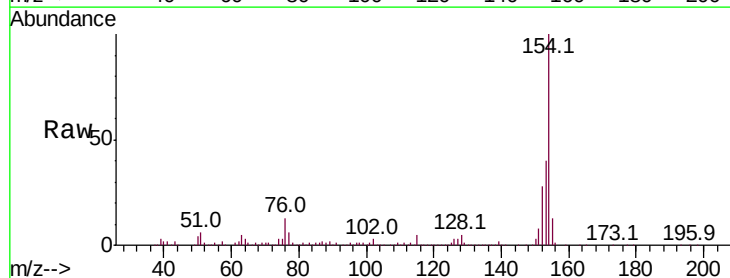
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

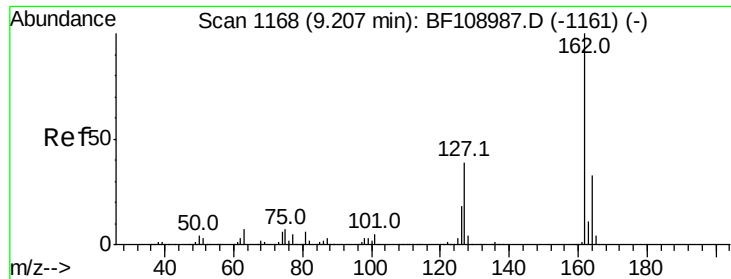
Tot Ion:172 Resp: 622169
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.7 19.6 29.4



#45
1,1'-Biphenyl
Concen: 26.570 ng
RT: 9.18 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:154 Resp: 373058
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 12.6 0.0 34.0

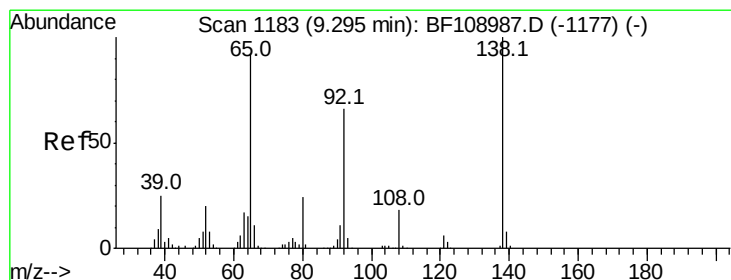
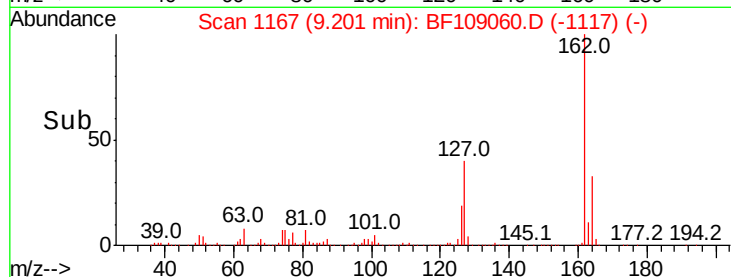
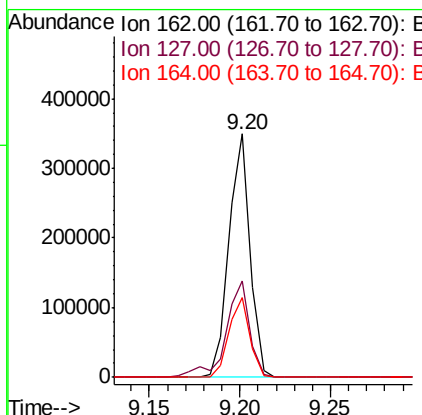
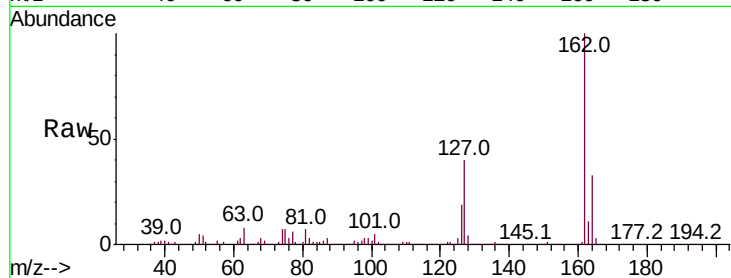




#46
 2-Chloronaphthalene
 Concen: 25.214 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

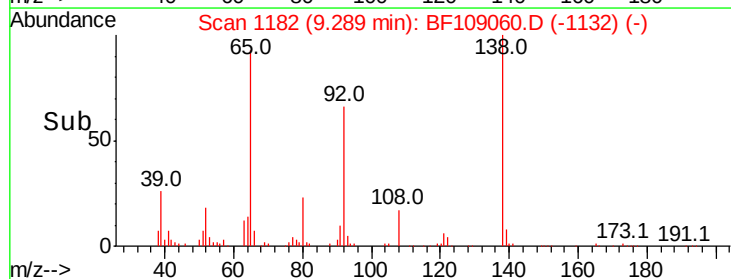
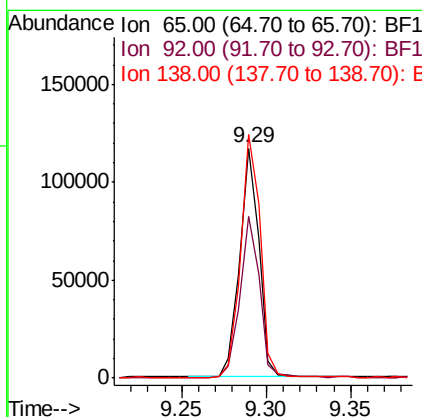
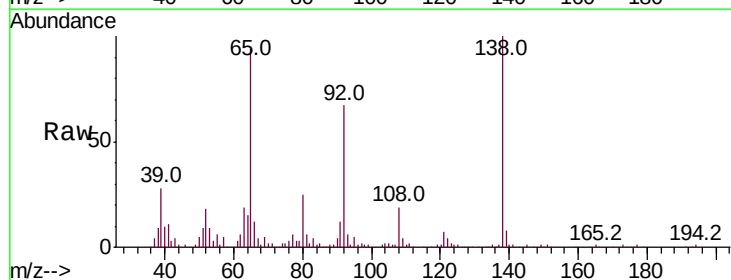
Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

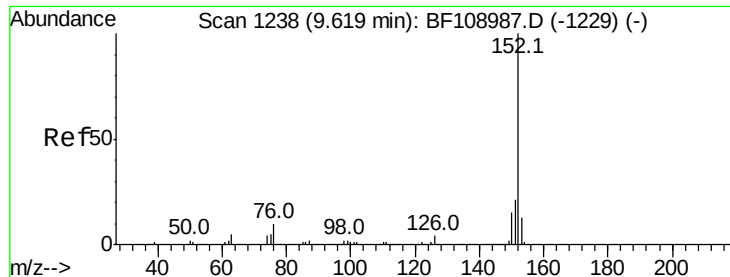
Tot Ion:	162	Resp:	283510
Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	32.9	26.5	39.7



#47
 2-Nitroaniline
 Concen: 26.631 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion:	65	Resp:	92058
Ion	Ratio	Lower	Upper
65	100		
92	70.5	55.8	83.6
138	106.0	91.2	136.8





#48

Acenaphthylene

Concen: 26.940 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

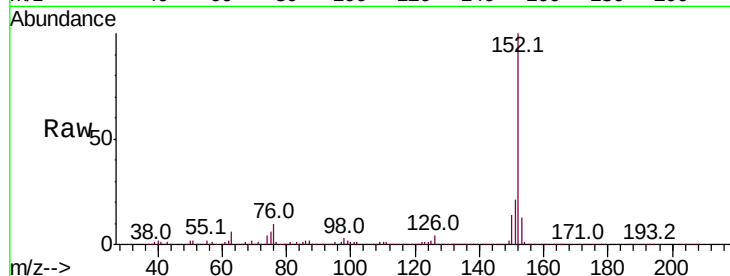
Tot Ion:152 Resp: 456717

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

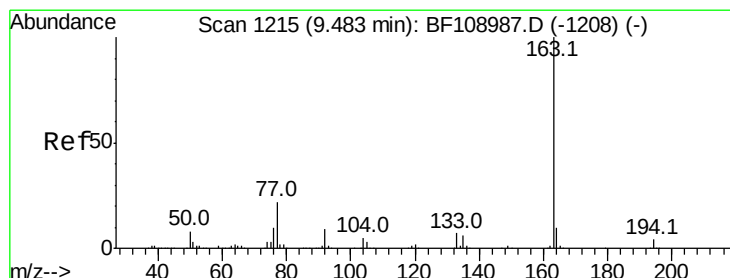
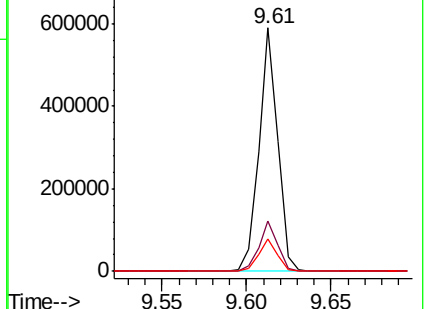
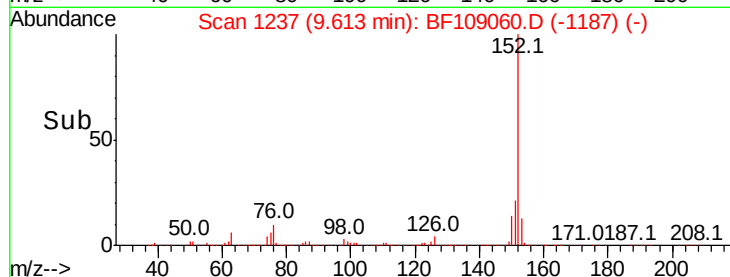
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 33.941 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

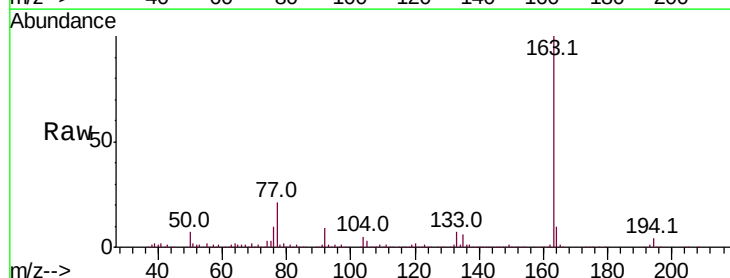
Tgt Ion:163 Resp: 425739

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

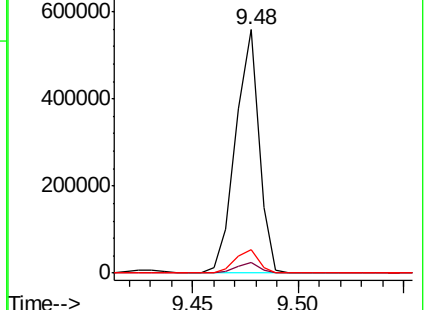
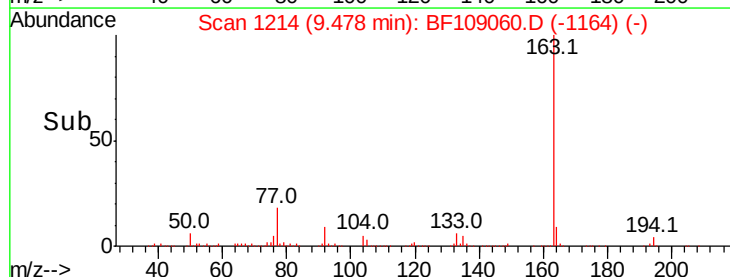
164 9.7 8.2 12.2

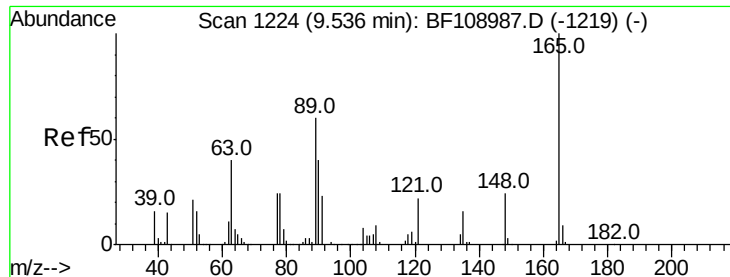


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

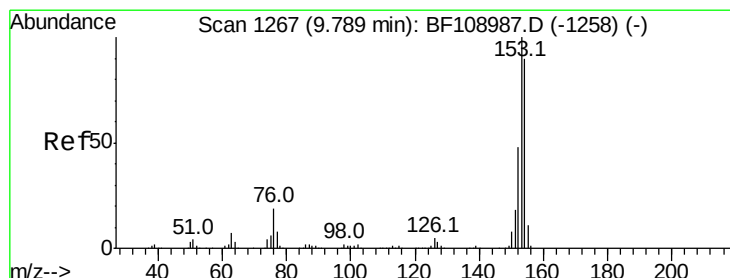
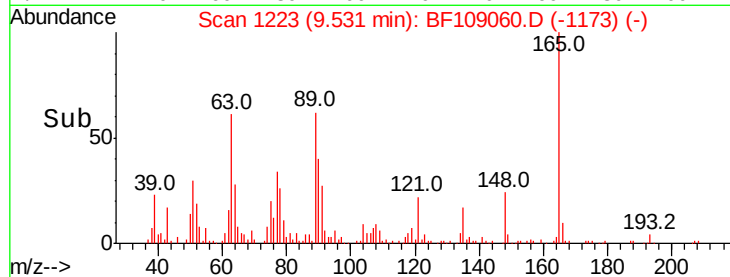
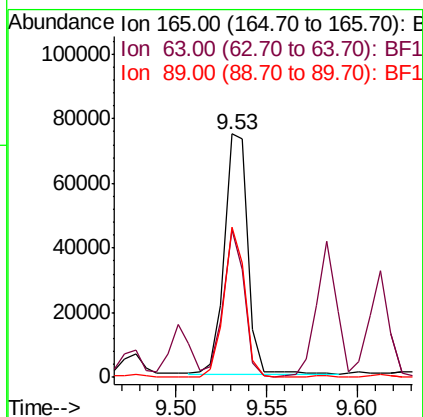
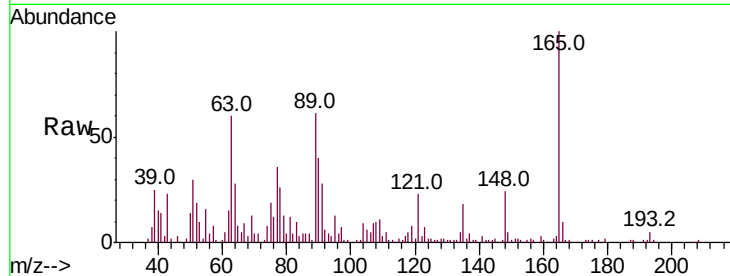




#50
 2,6-Dinitrotoluene
 Concen: 24.105 ng
 RT: 9.53 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

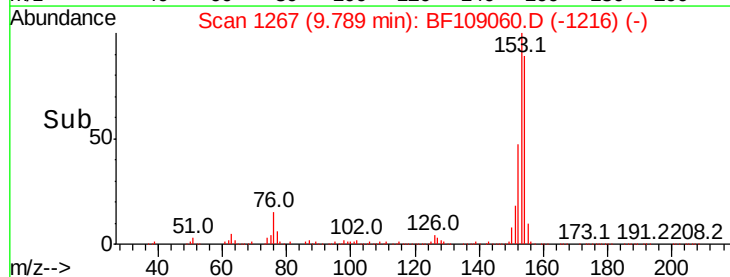
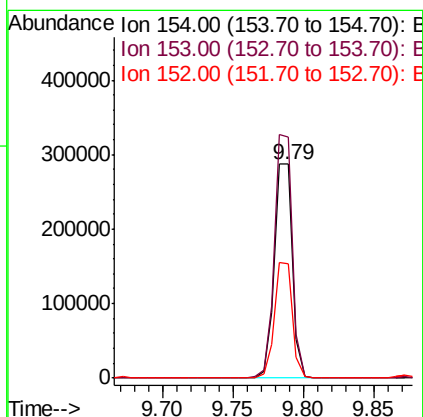
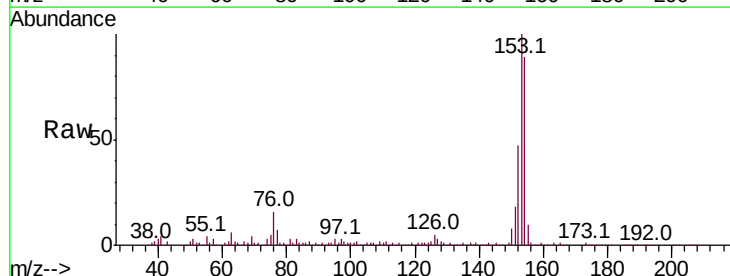
Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

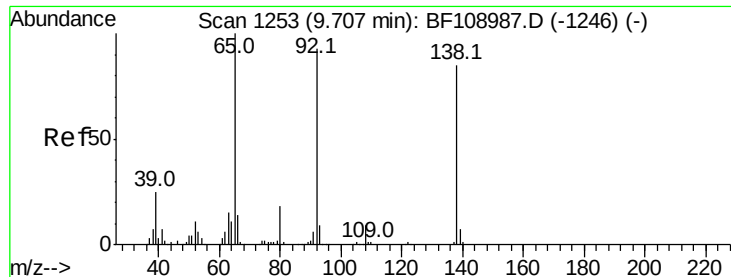
Tot Ion:165	Resp:	67054
Ion Ratio	Lower	Upper
165	100	
63	60.4	44.7 67.1
89	61.5	44.0 66.0



#51
 Acenaphthene
 Concen: 24.539 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion:154	Resp:	259049
Ion Ratio	Lower	Upper
154	100	
153	112.8	91.2 136.8
152	53.3	43.8 65.8

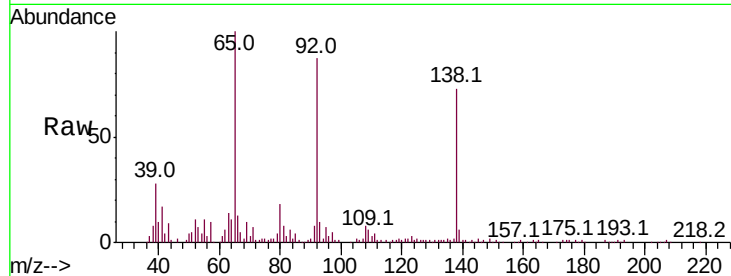




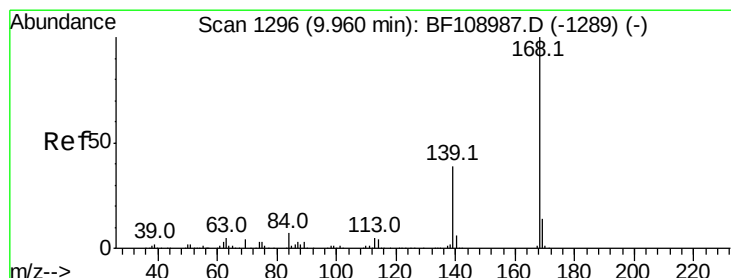
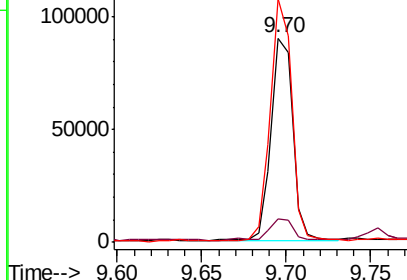
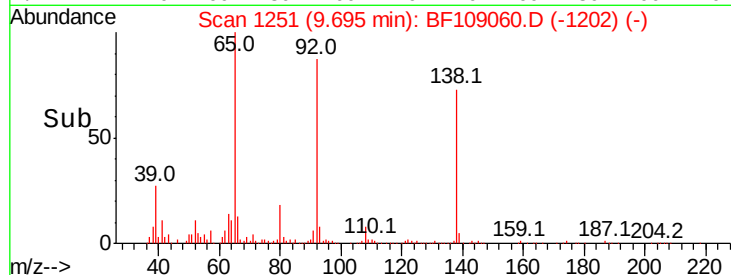
#52
3-Nitroaniline
Concen: 24.837 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

Tot Ion:138 Resp: 81355
Ion Ratio Lower Upper
138 100
108 11.5 9.4 14.0
92 119.2 89.4 134.2

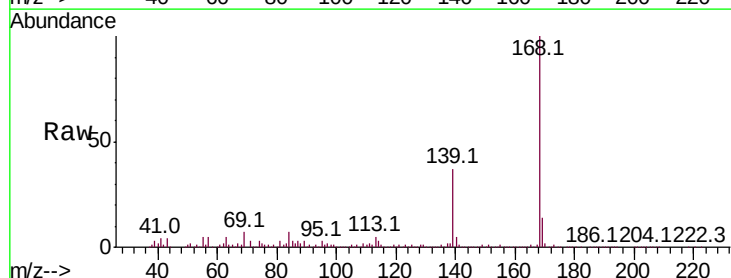


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

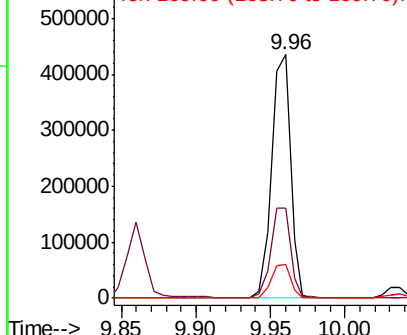
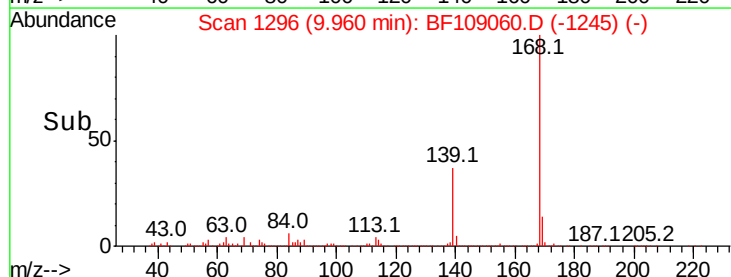


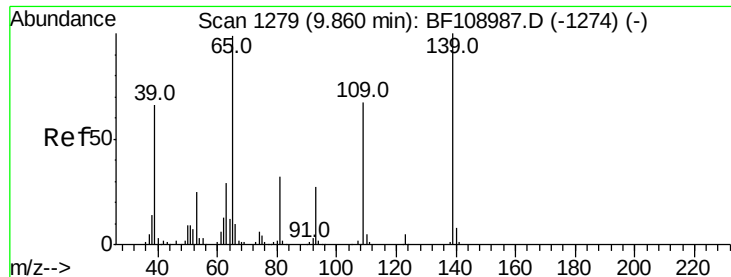
#54
Dibenzofuran
Concen: 25.115 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:168 Resp: 383135
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.8 10.9 16.3



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

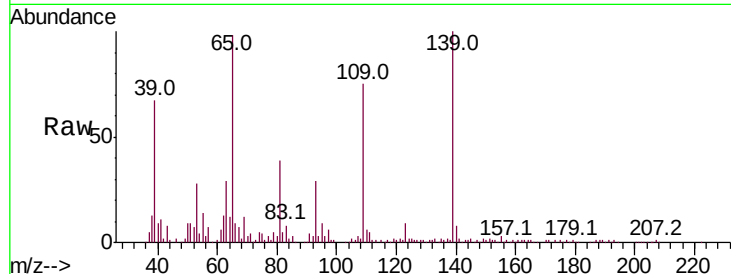




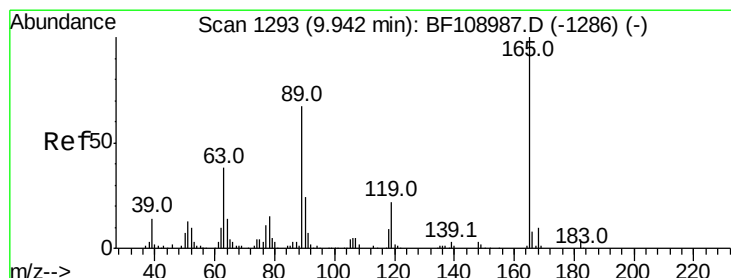
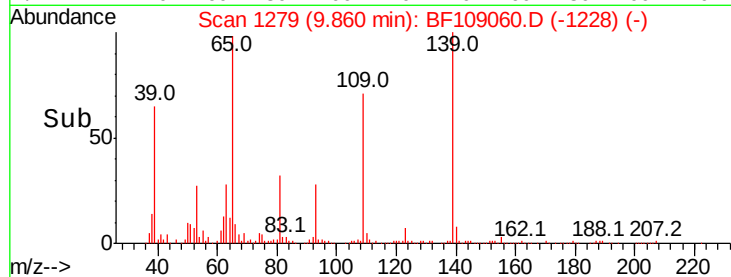
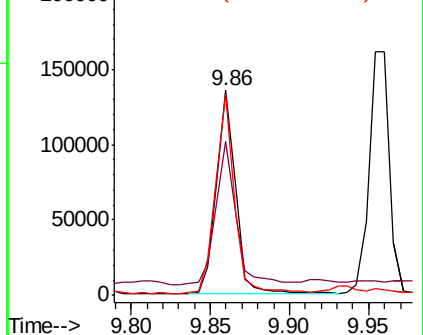
#55
4-Nitrophenol
Concen: 47.884 ng
RT: 9.86 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

Tot Ion:139 Resp: 115559
Ion Ratio Lower Upper
139 100
109 75.2 48.4 88.4
65 98.2 72.6 112.6

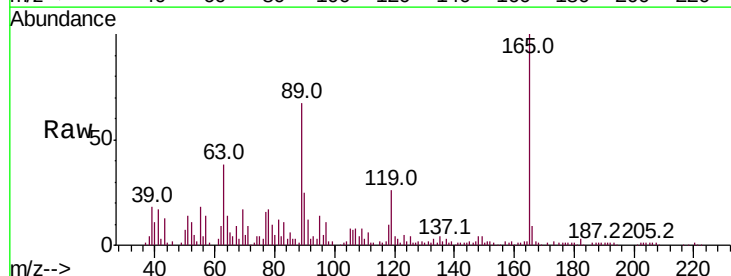


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

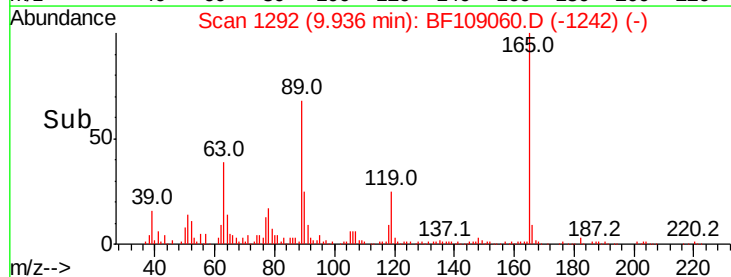
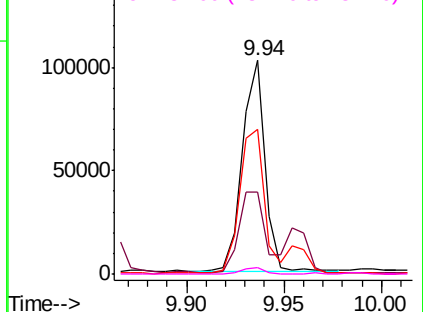


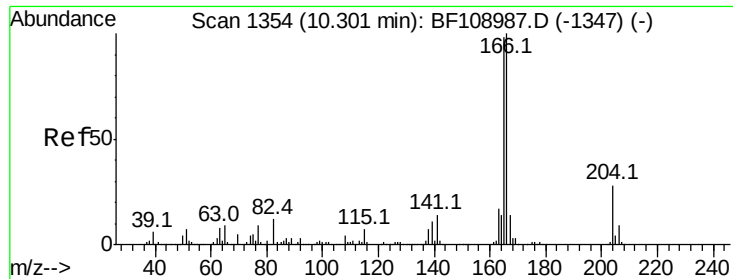
#56
2,4-Dinitrotoluene
Concen: 22.586 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:165 Resp: 82165
Ion Ratio Lower Upper
165 100
63 38.5 36.4 54.6
89 67.5 57.8 86.6
182 3.1 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: 28.362 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

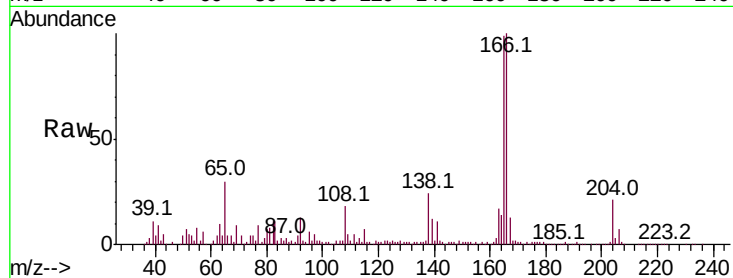
Tot Ion:166 Resp: 288329

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

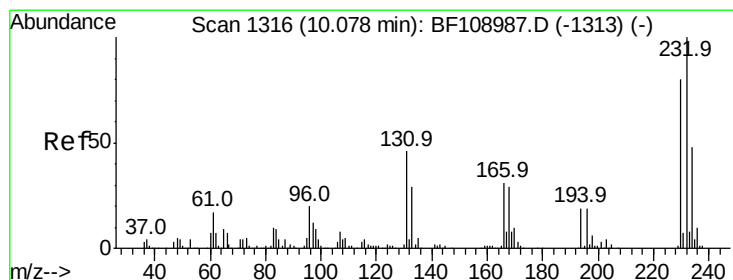
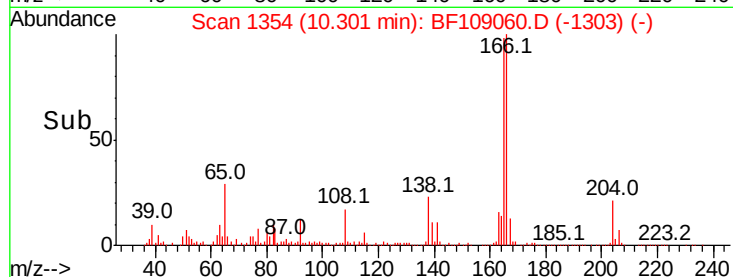
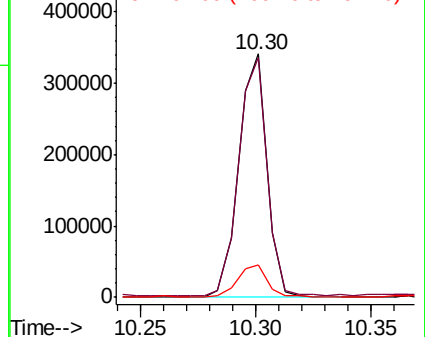
167 13.5 10.6 16.0



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: 25.407 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Tgt Ion:232 Resp: 81621

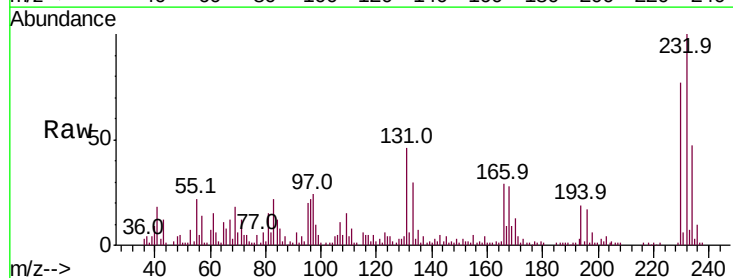
Ion Ratio Lower Upper

232 100

131 46.1 43.8 65.8

130 3.2 2.1 3.1#

166 27.9 27.8 41.6

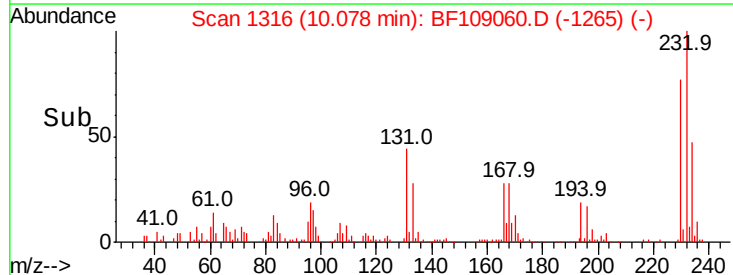
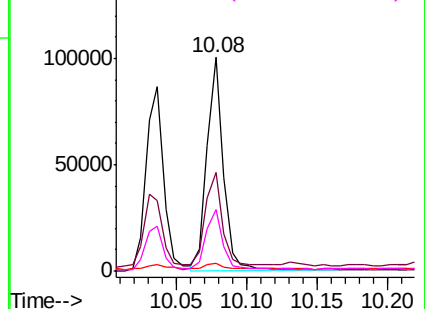


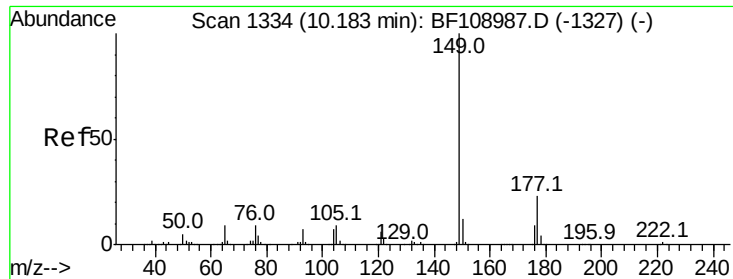
Abundance Ion 232.00 (231.70 to 232.70): E

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

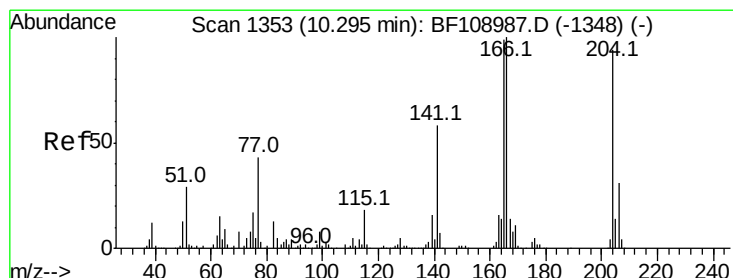
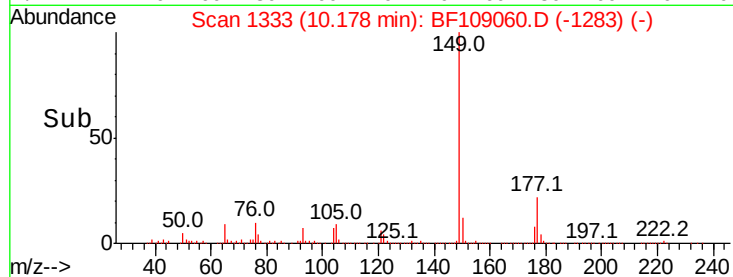
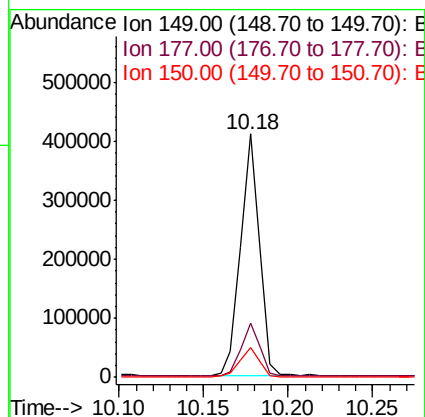
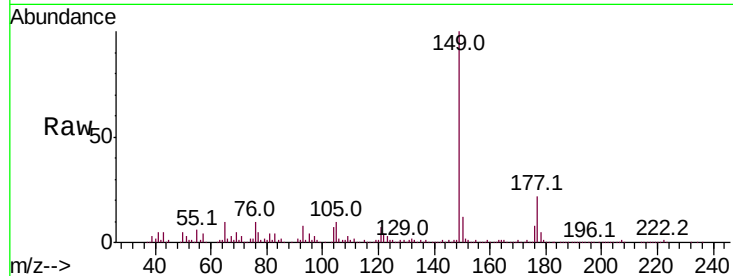




#59
Diethylphthalate
Concen: 24.912 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

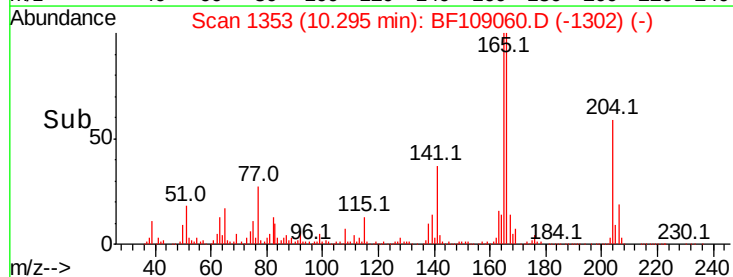
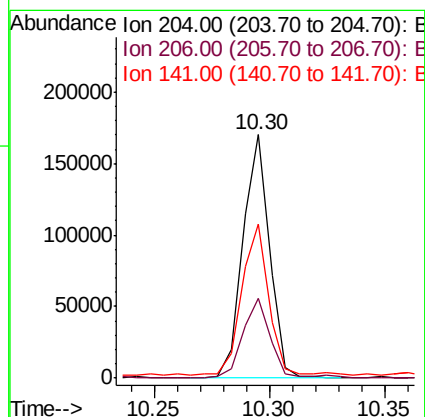
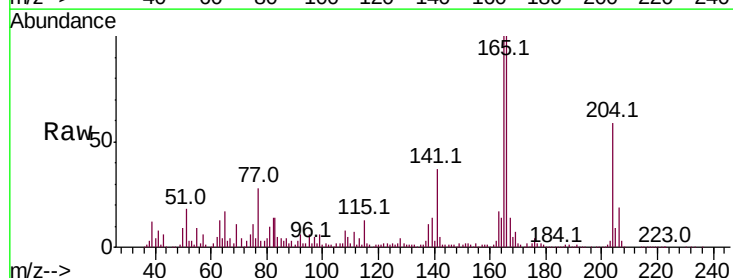
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

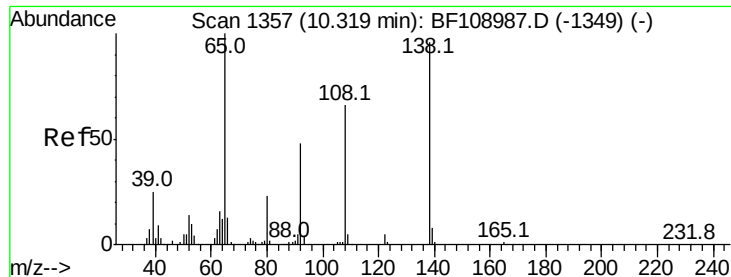
Tot Ion:149 Resp: 315546
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 24.951 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:204 Resp: 135825
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.2 54.6 81.8

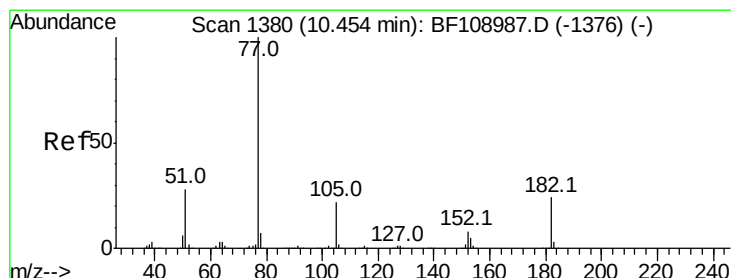
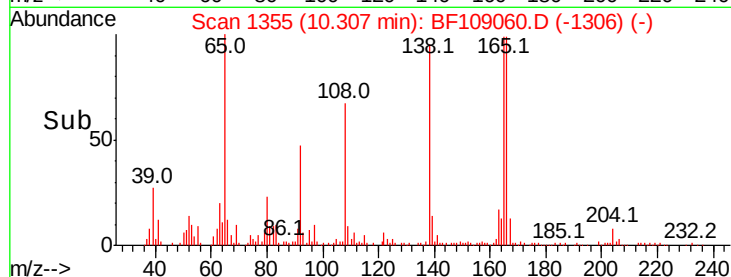
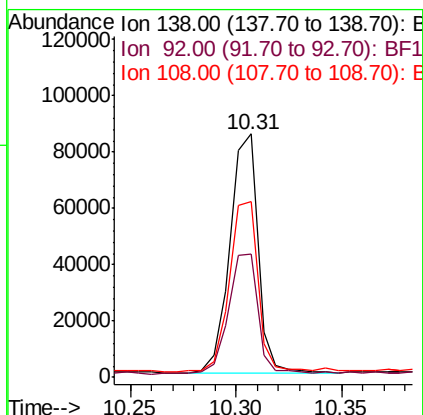
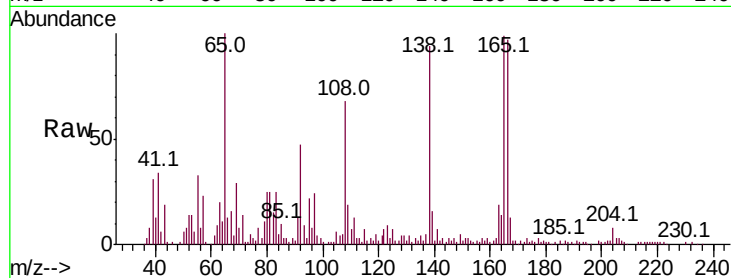




#61
4-Nitroaniline
Concen: 25.102 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

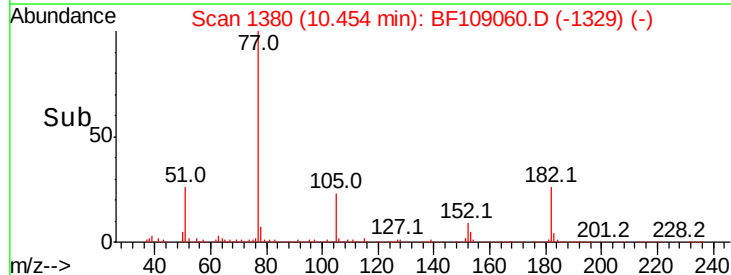
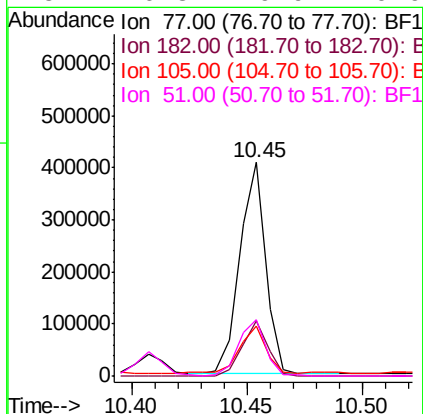
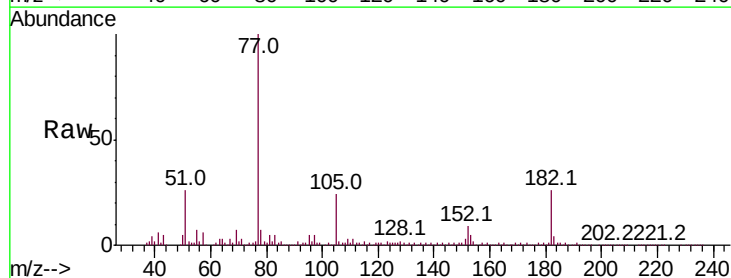
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

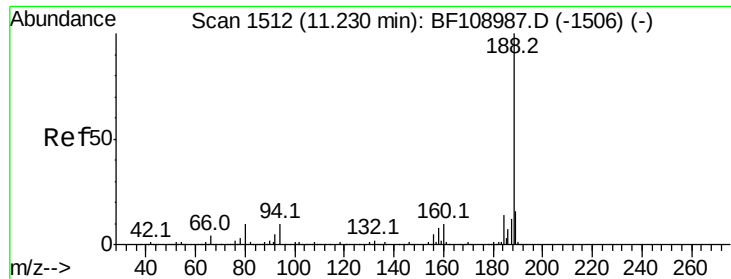
Tot Ion:138 Resp: 78116
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 72.2 52.5 92.5



#62
Azobenzene
Concen: 24.421 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 77 Resp: 316643
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 23.6 3.0 43.0
51 26.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

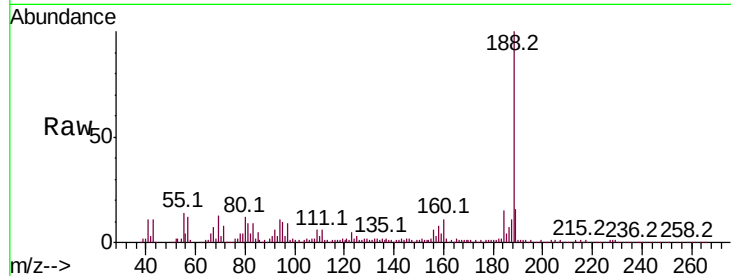
Tot Ion:188 Resp: 337942

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

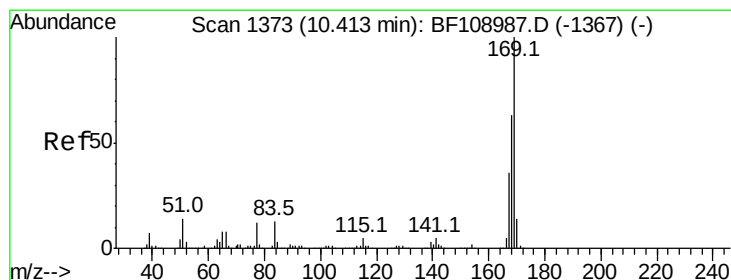
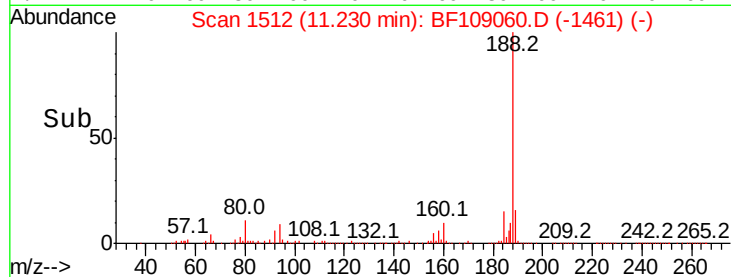
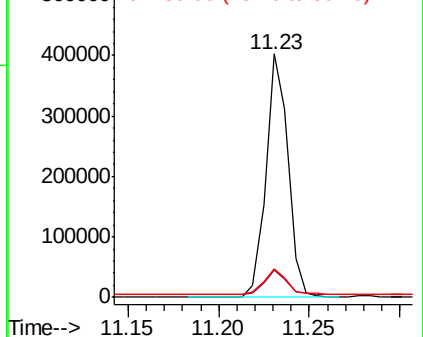
80 11.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 25.307 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

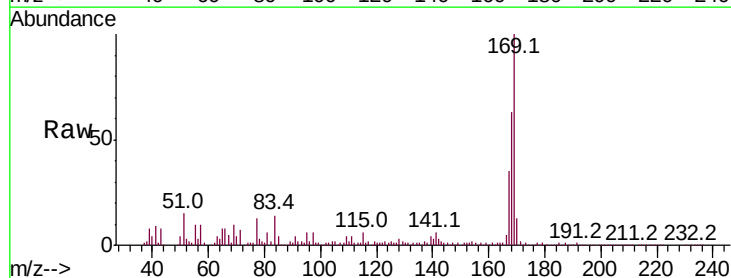
Tgt Ion:169 Resp: 279750

Ion Ratio Lower Upper

169 100

168 62.9 54.4 81.6

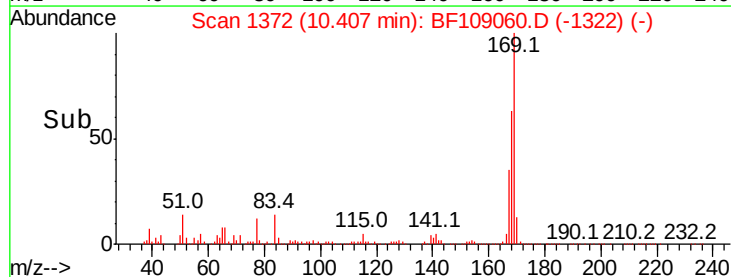
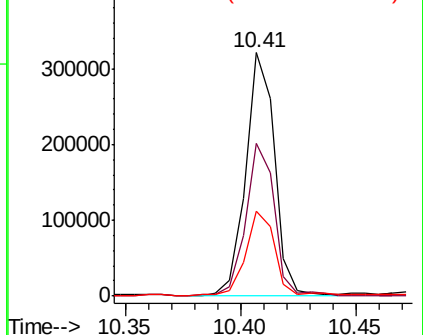
167 34.9 29.8 44.6

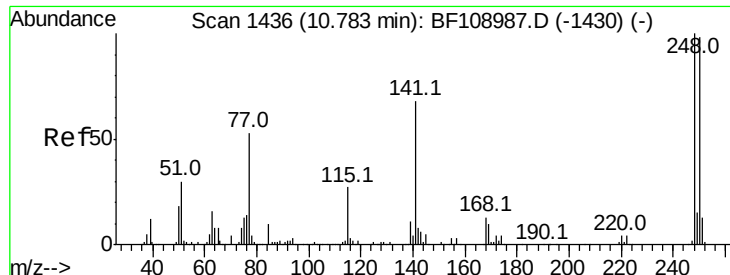


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

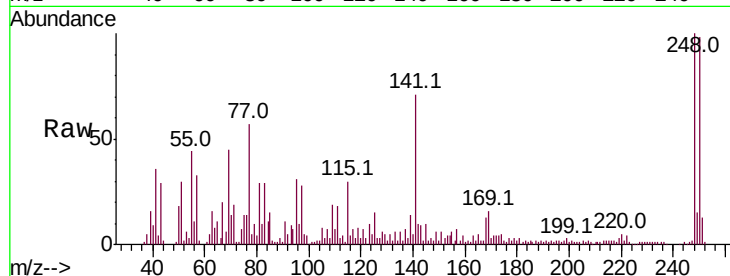




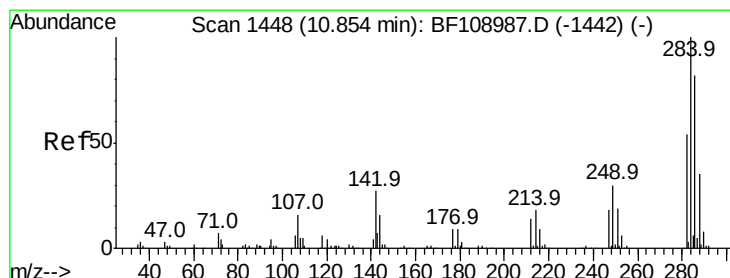
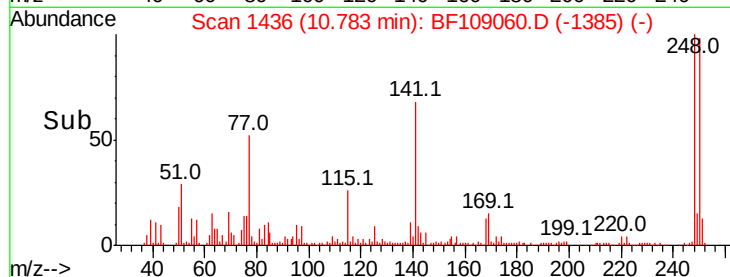
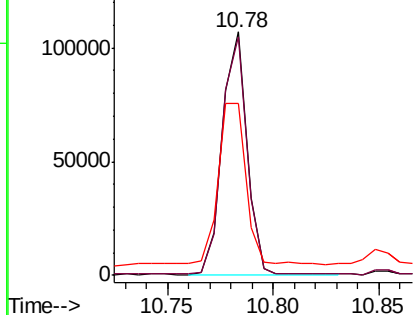
#66
 4-Bromophenyl-phenylether
 Concen: 22.694 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

Tot Ion:248 Resp: 86459
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 70.6 74.4 111.6#

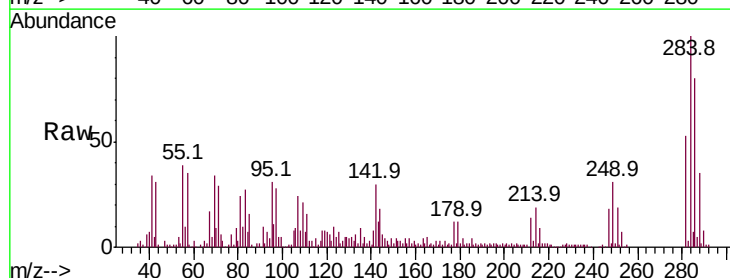


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

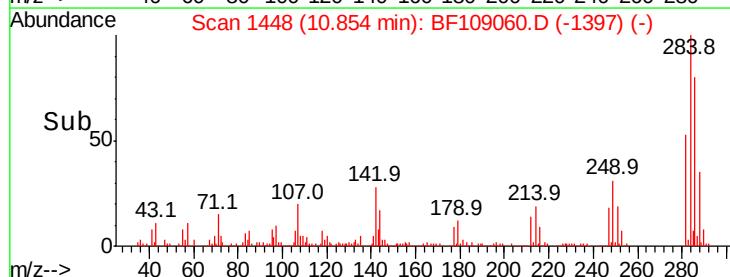
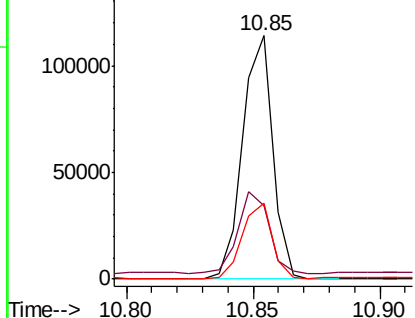


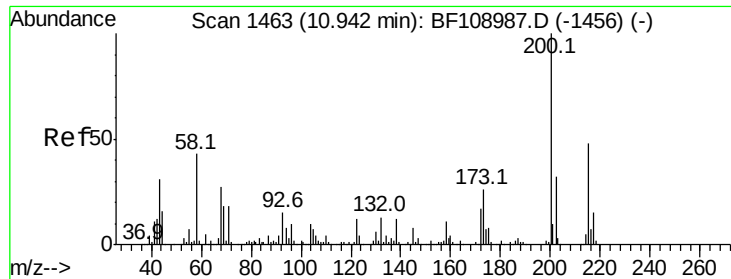
#67
 Hexachlorobenzene
 Concen: 23.215 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion:284 Resp: 94607
 Ion Ratio Lower Upper
 284 100
 142 30.3 34.6 52.0#
 249 31.1 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

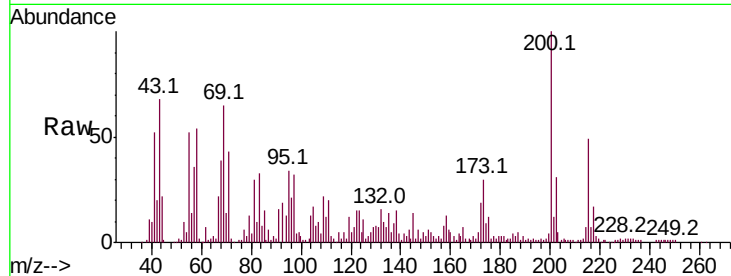




#68
Atrazine
Concen: 25.294 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.3	8.6	48.6
215	48.7	25.1	65.1

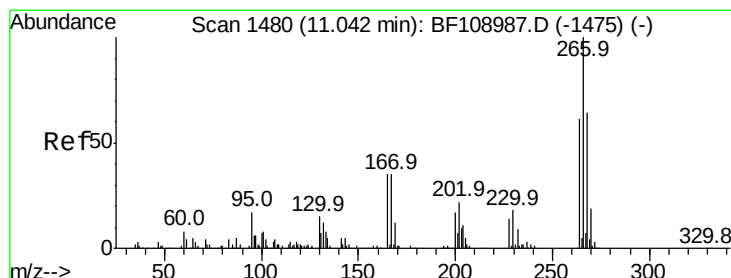
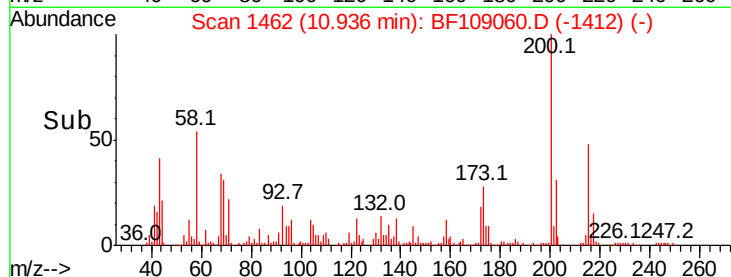
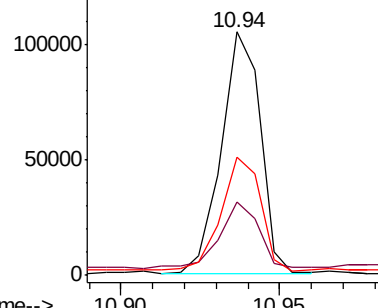


Abundance

Ion 200.00 (199.70 to 200.70): E

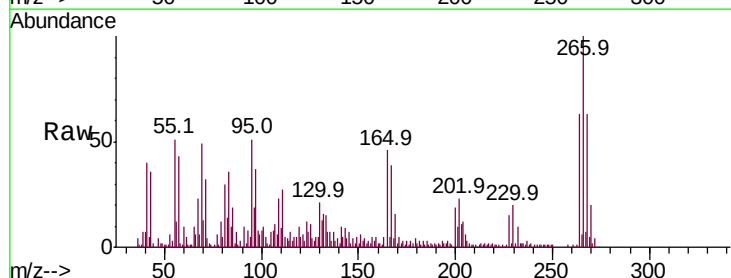
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 37.978 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.1	49.5	74.3

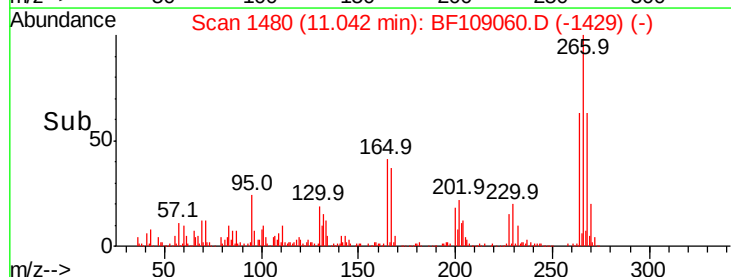
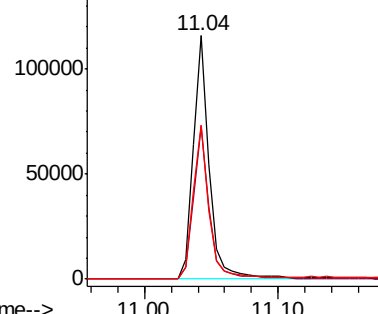


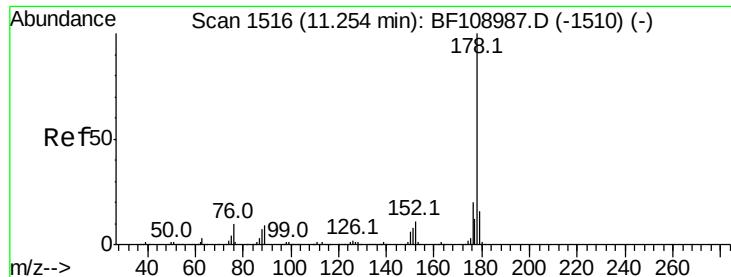
Abundance

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

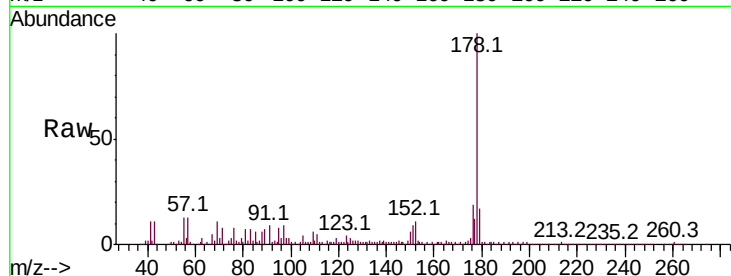




#70
Phenanthrene
Concen: 28.452 ng
RT: 11.26 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.7	13.0	19.6

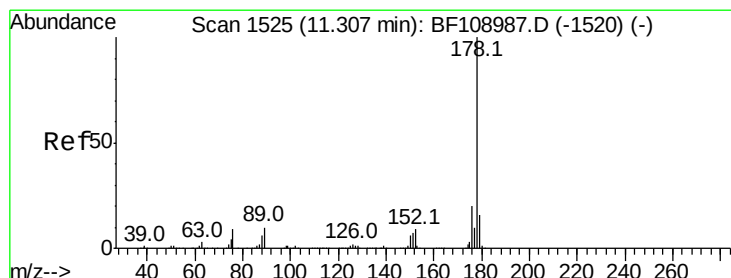
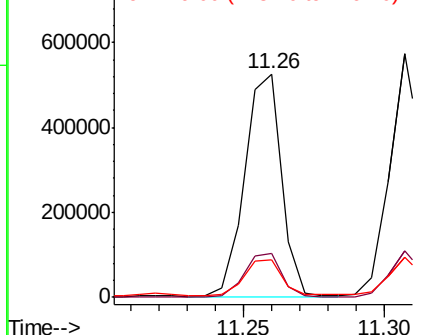
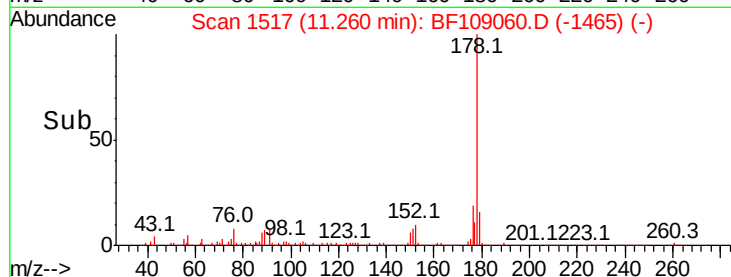


Abundance

Ion 178.00 (177.70 to 178.70): E

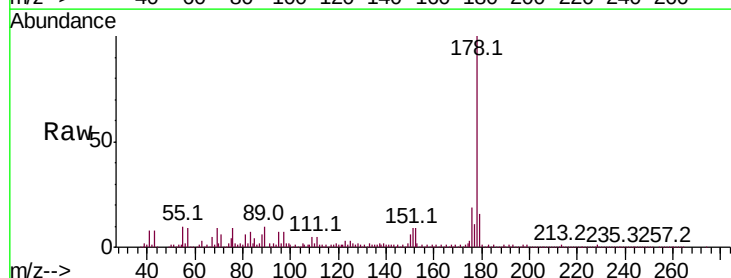
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71
Anthracene
Concen: 27.141 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.3	12.6	19.0

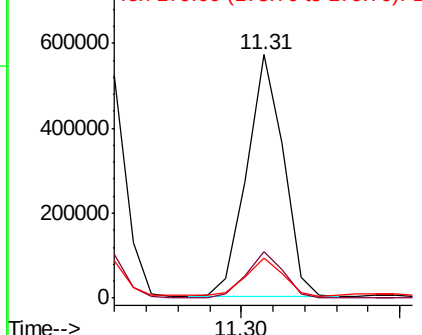
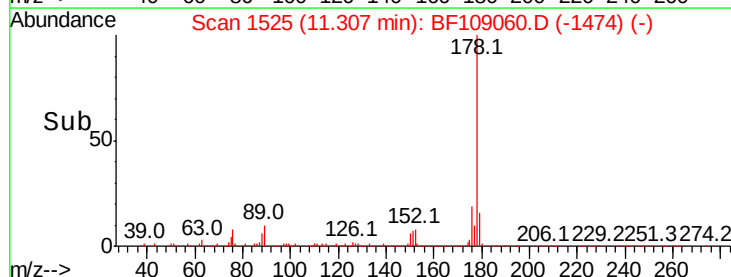


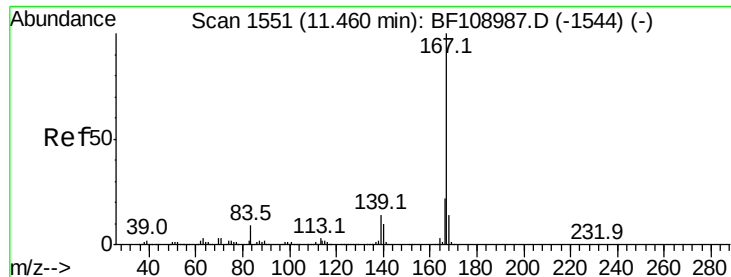
Abundance

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

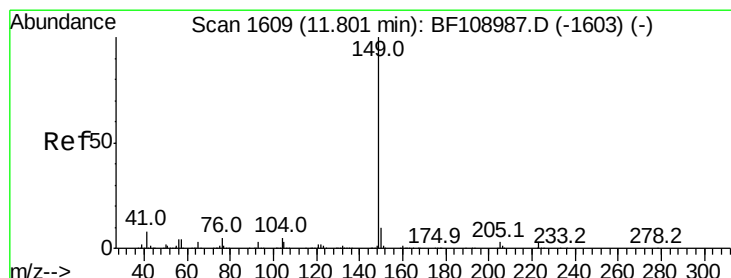
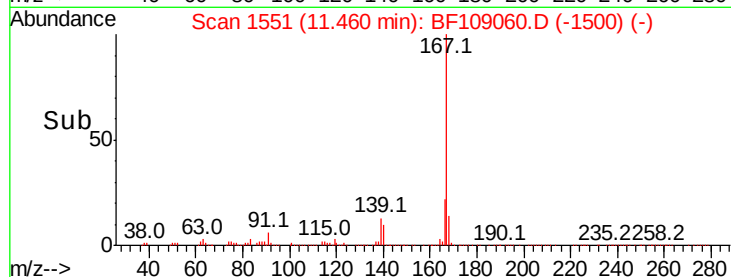
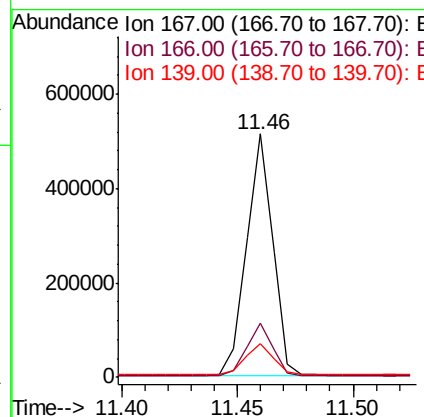
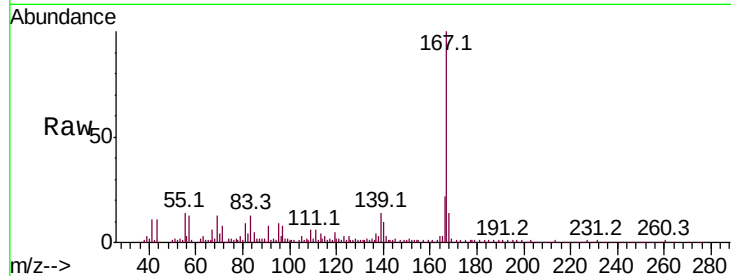




#72
 Carbazole
 Concen: 24.693 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

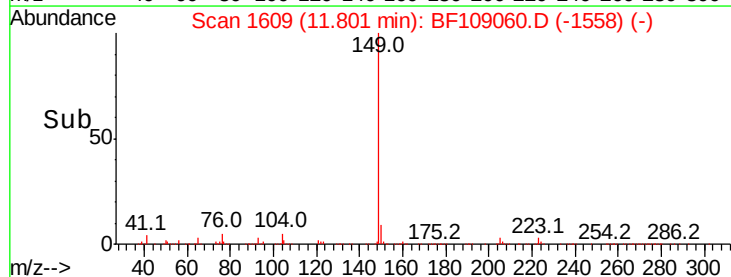
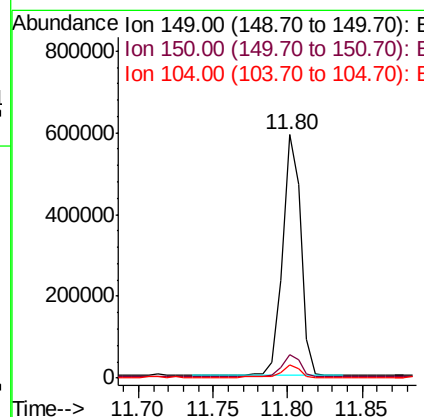
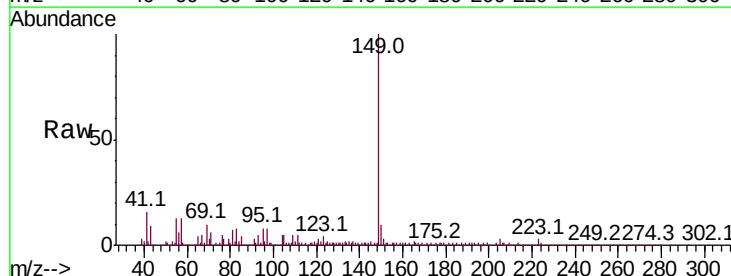
Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMSD

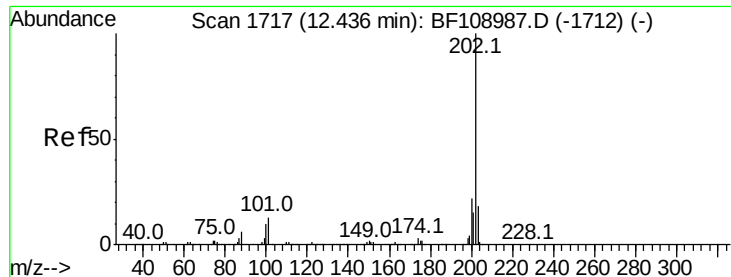
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.9	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 25.943 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF109060.D
 Acq: 17 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.2	3.8	5.8





#74

Fluoranthene

Concen: 34.250 ng

RT: 12.44 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

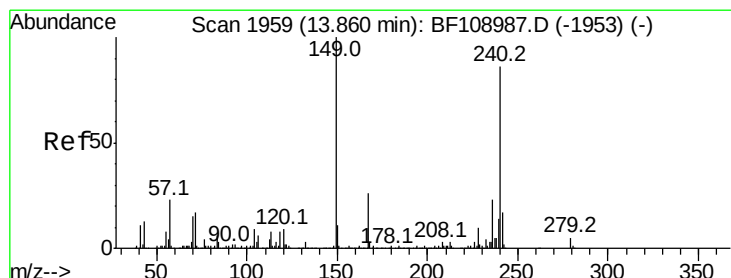
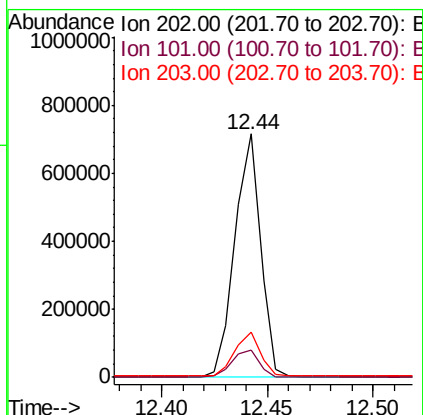
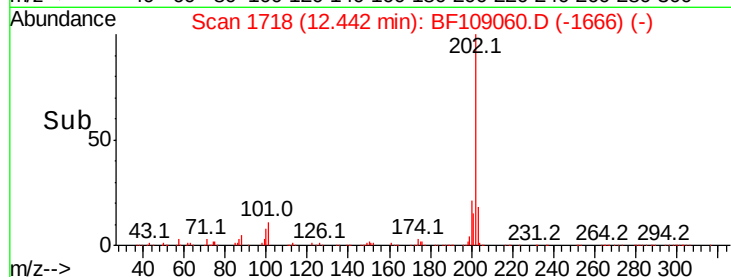
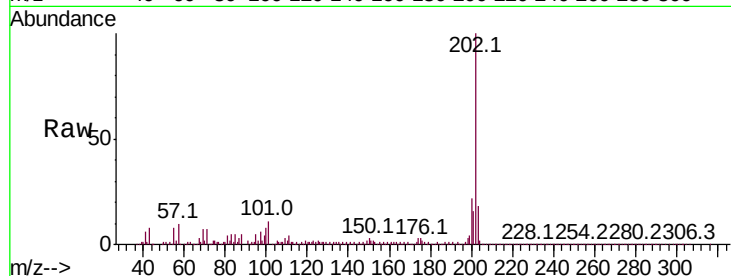
Tot Ion:202 Resp: 598984

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

203 18.5 0.0 38.1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

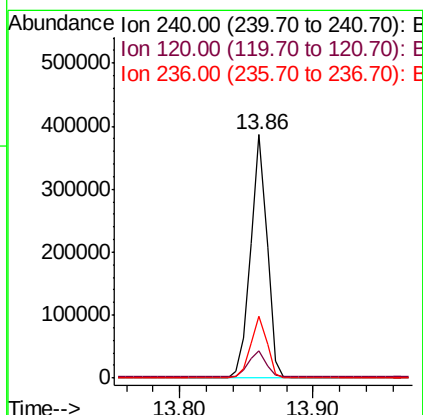
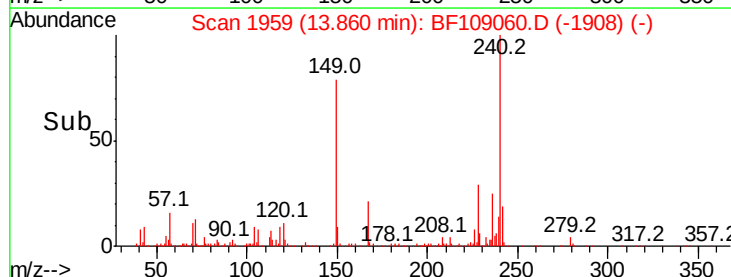
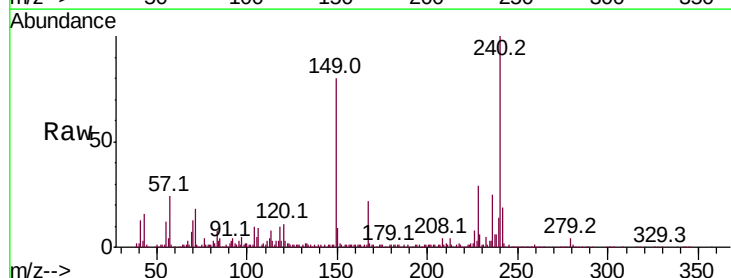
Tgt Ion:240 Resp: 322685

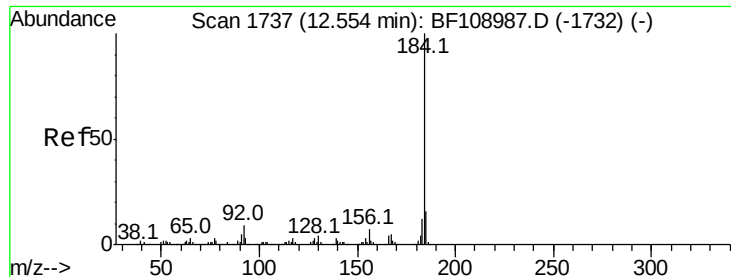
Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

236 25.2 20.7 31.1

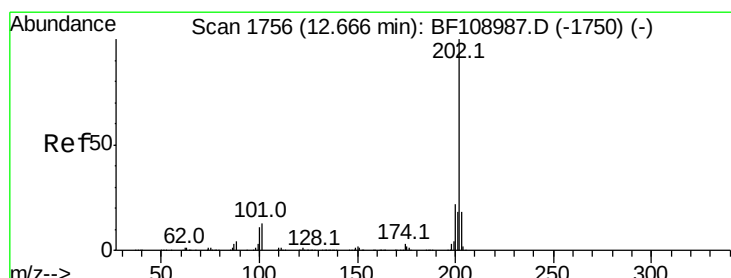
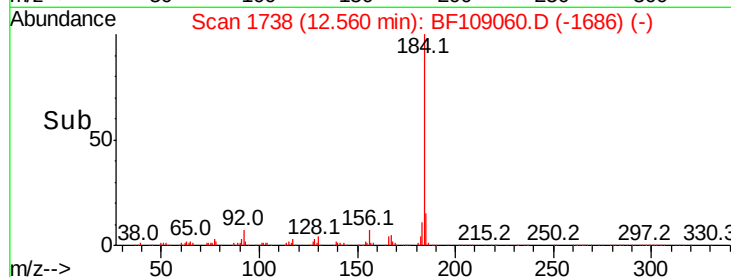
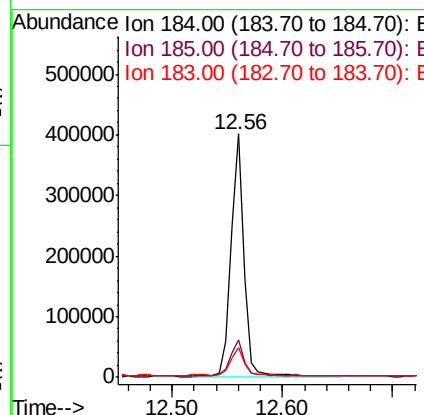
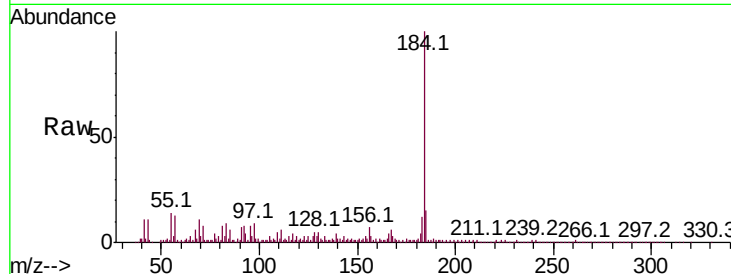




#76
Benzidine
Concen: 28.686 ng
RT: 12.56 min Scan# 1738
Delta R.T. 0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

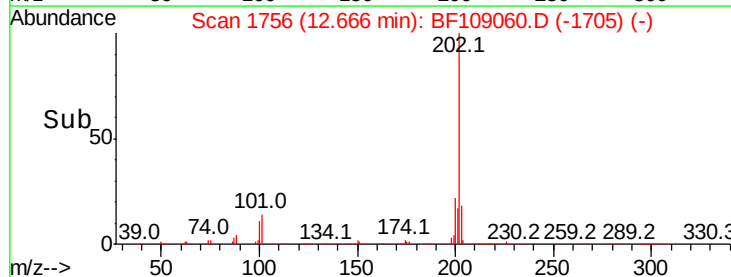
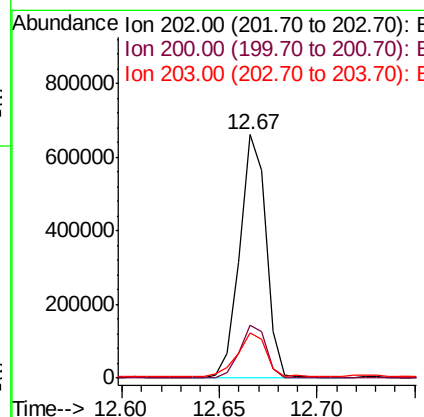
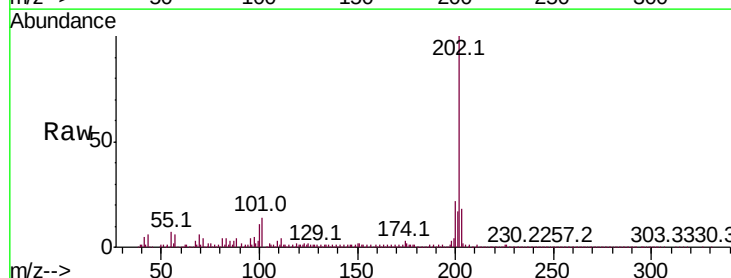
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

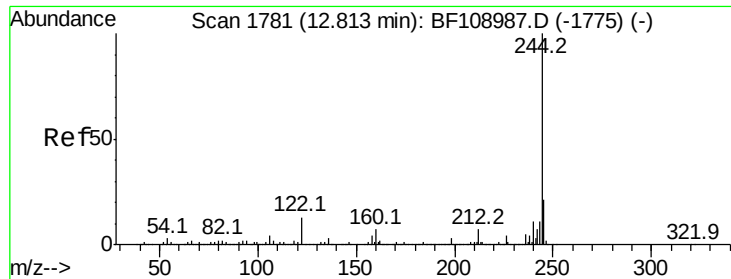
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	12.3	9.3	13.9



#77
Pyrene
Concen: 25.647 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.4	14.3	21.5





#78

Terphenyl-d14

Concen: 45.933 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

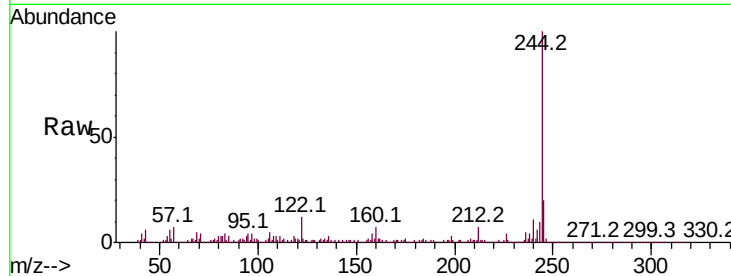
Tot Ion:244 Resp: 625321

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

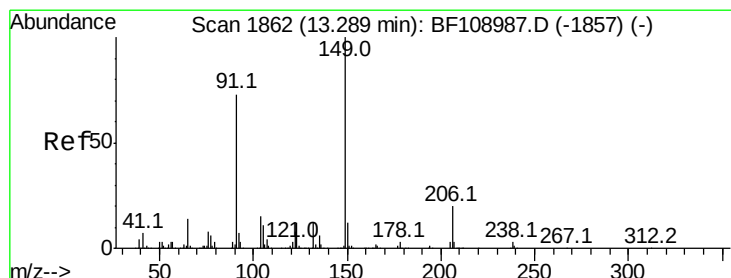
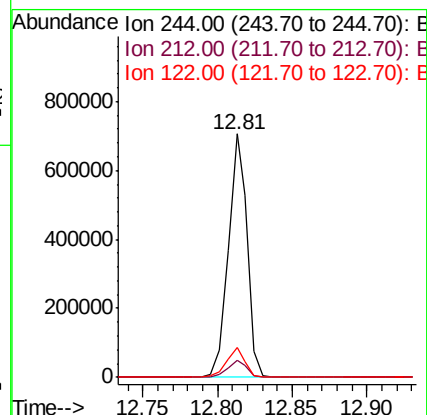
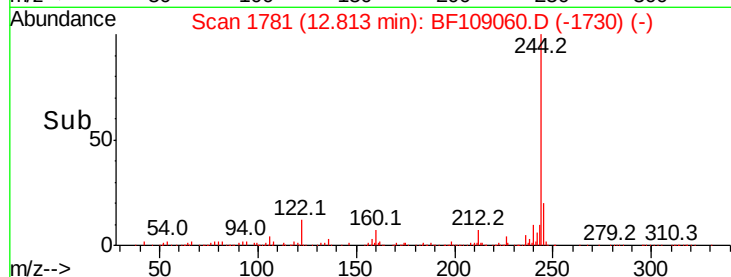
122 12.1 11.0 16.4



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: 22.065 ng

RT: 13.29 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

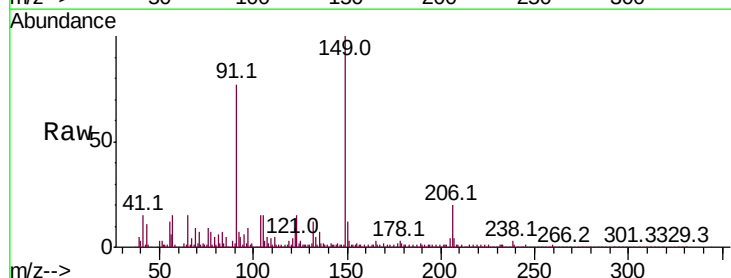
Tgt Ion:149 Resp: 236216

Ion Ratio Lower Upper

149 100

91 77.1 56.8 85.2

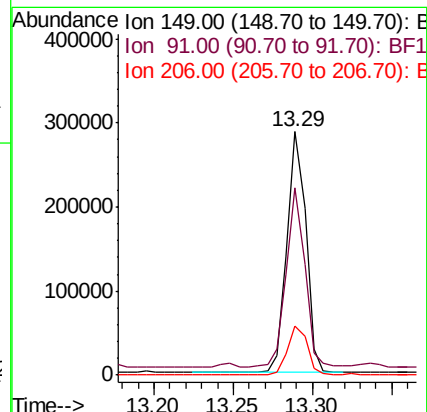
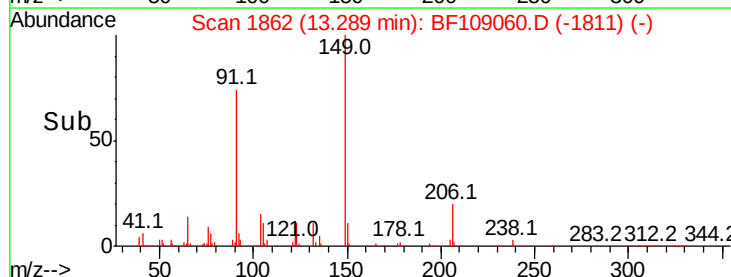
206 20.1 14.1 21.1

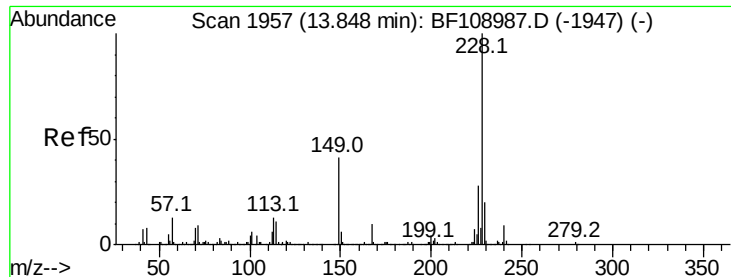


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 27.683 ng

RT: 13.85 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

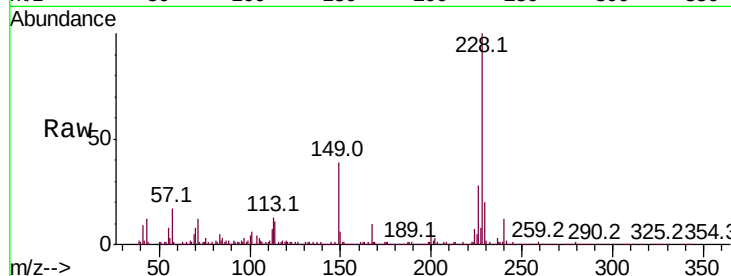
Tot Ion:228 Resp: 540826

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

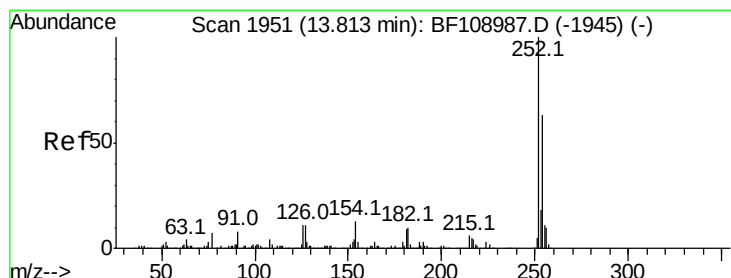
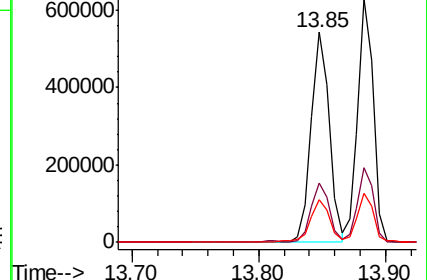
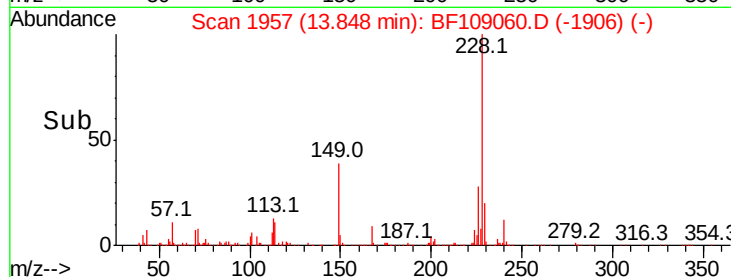
229 20.2 15.8 23.6



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: 20.898 ng

RT: 13.81 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

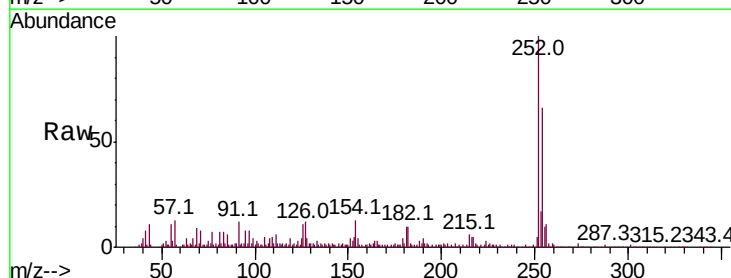
Tgt Ion:252 Resp: 164754

Ion Ratio Lower Upper

252 100

254 66.2 50.4 75.6

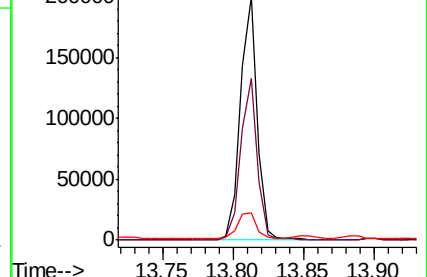
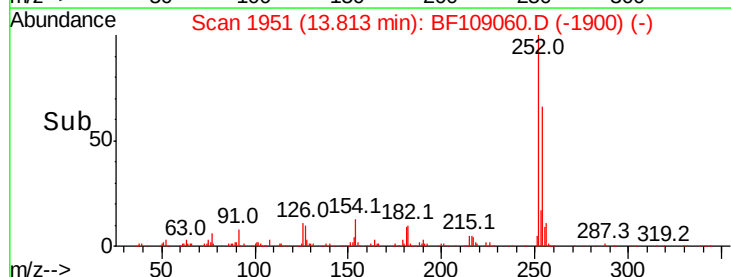
126 11.4 11.3 16.9

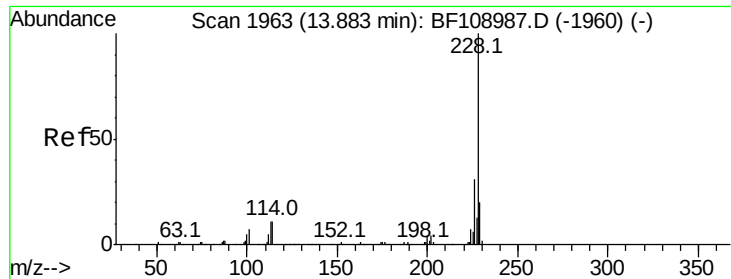


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 27.483 ng

RT: 13.88 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

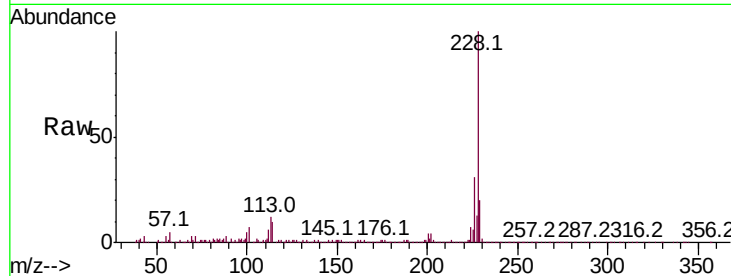
Tot Ion:228 Resp: 537193

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

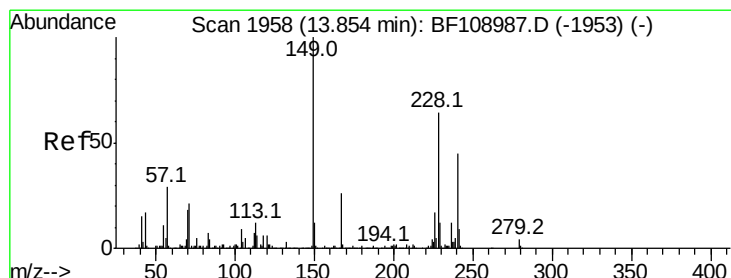
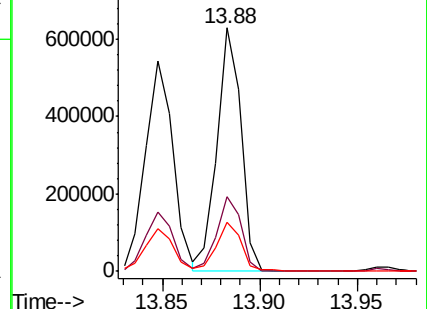
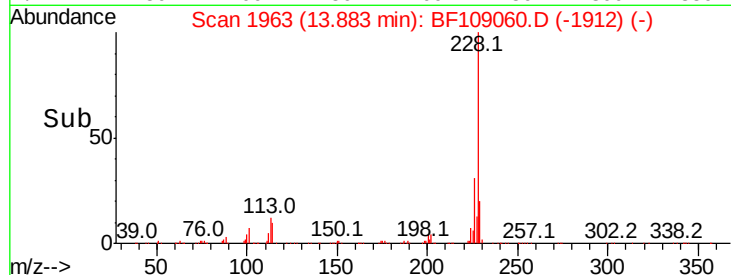
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 28.717 ng

RT: 13.85 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

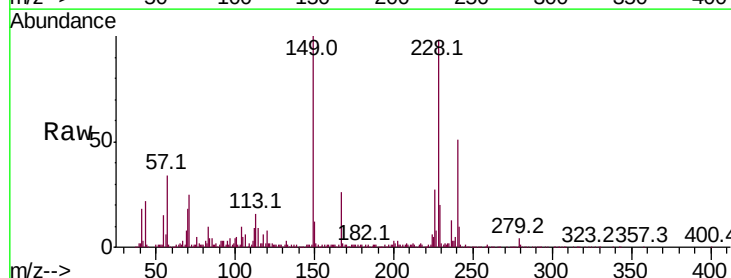
Tgt Ion:149 Resp: 372236

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

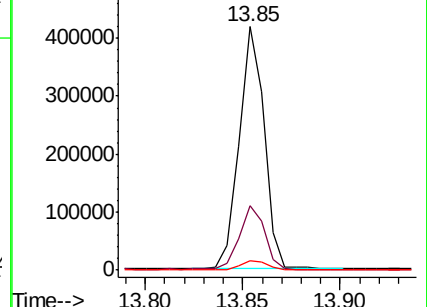
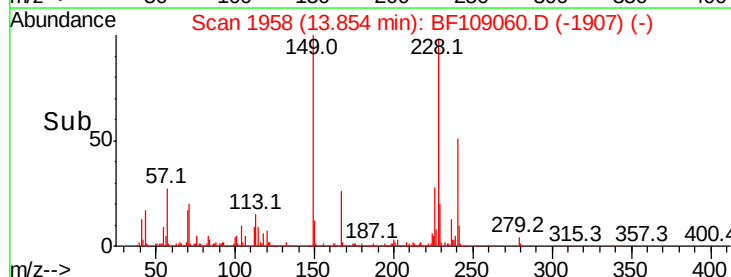
279 3.7 3.0 4.4

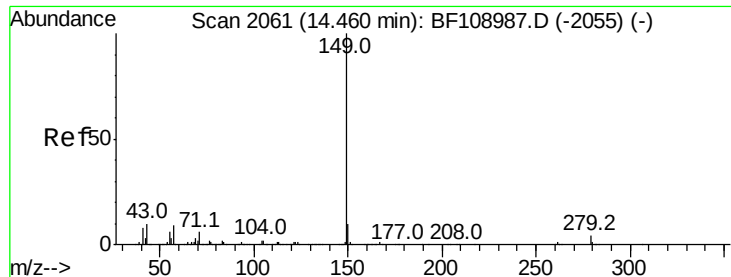


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 28.324 ng

RT: 14.46 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

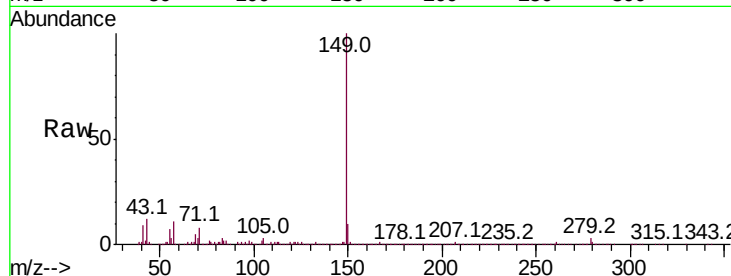
Tot Ion:149 Resp: 622658

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

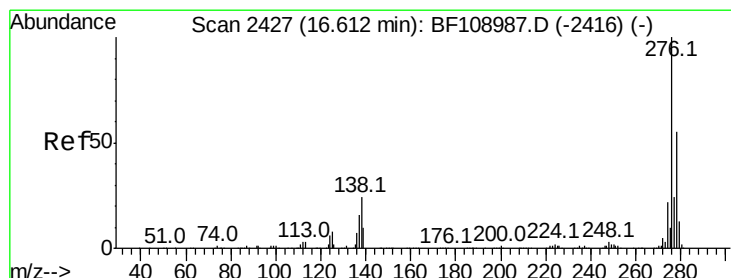
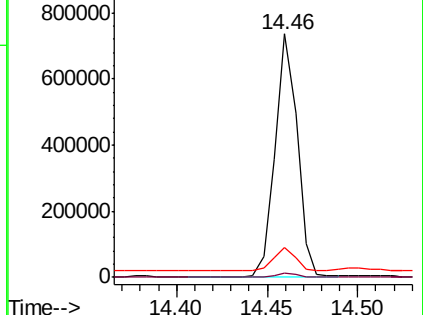
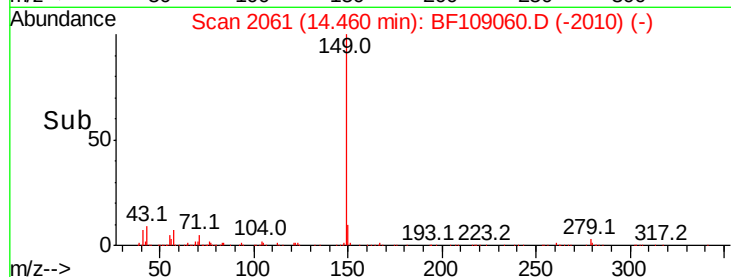
43 10.0 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 23.003 ng

RT: 16.61 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

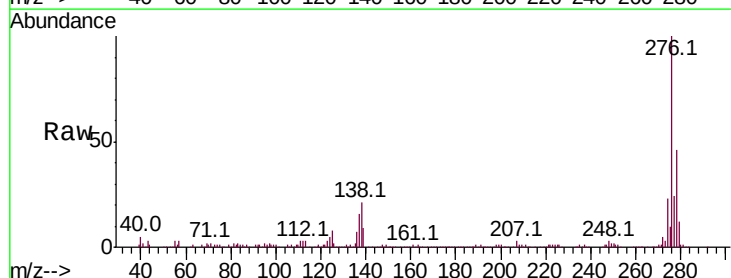
Tgt Ion:276 Resp: 359471

Ion Ratio Lower Upper

276 100

138 24.4 25.0 37.6#

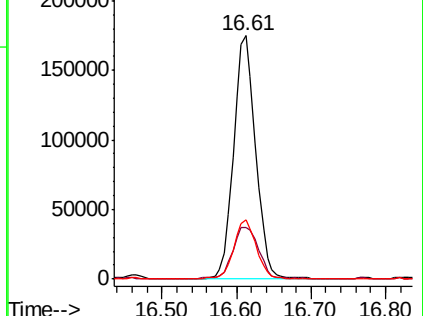
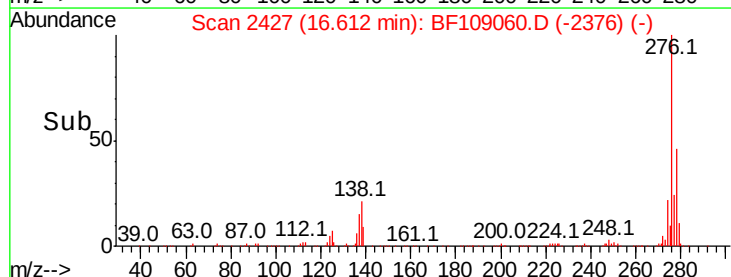
277 24.3 20.1 30.1

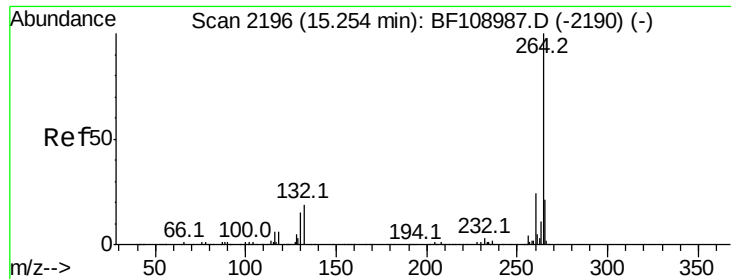


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

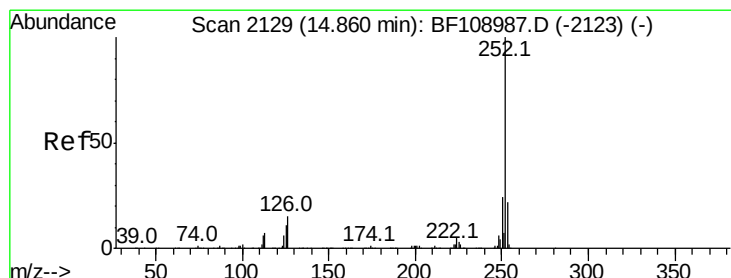
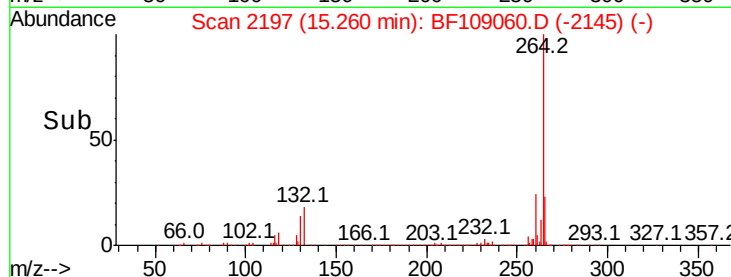
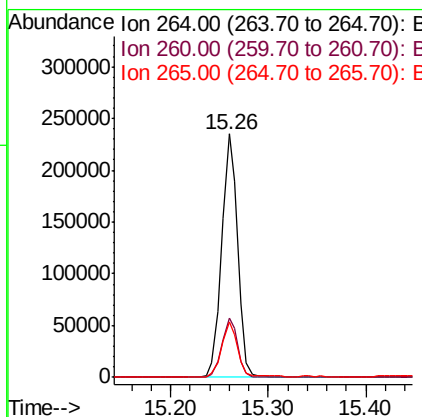
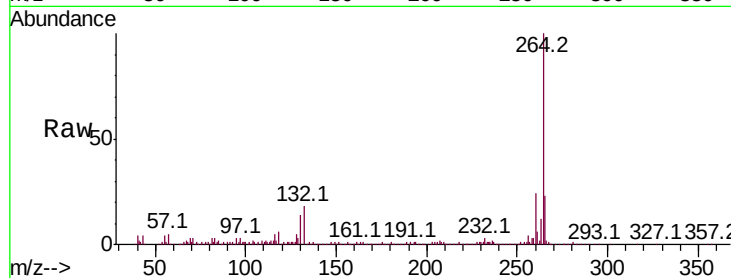




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

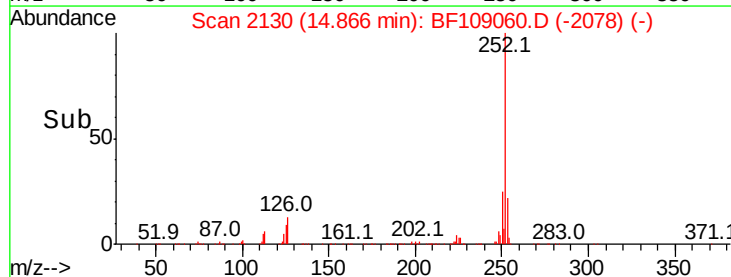
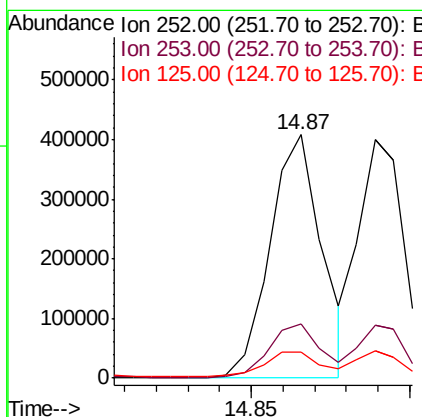
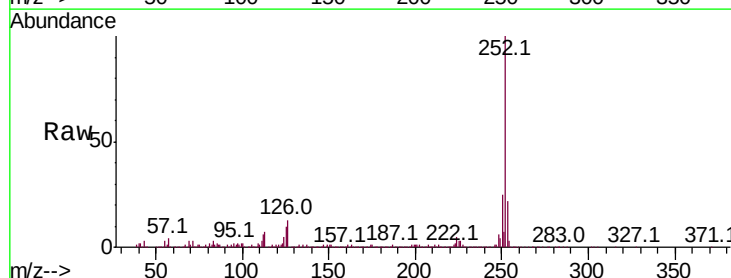
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

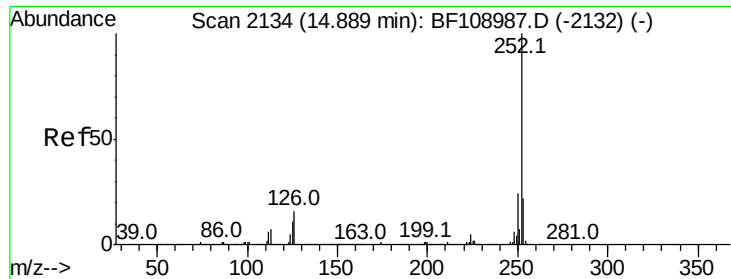
Tot Ion:264 Resp: 266190
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 31.527 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion:252 Resp: 464272
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.5 9.0 13.6

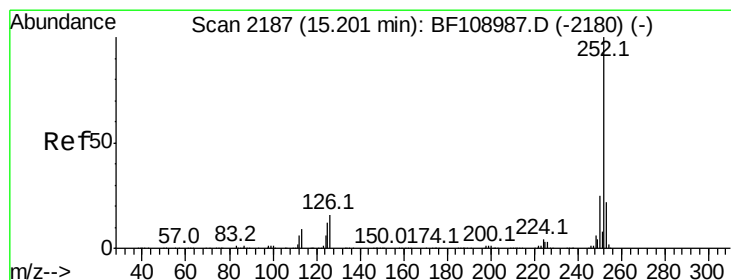
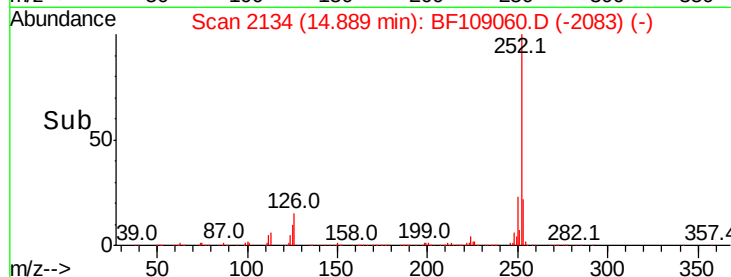
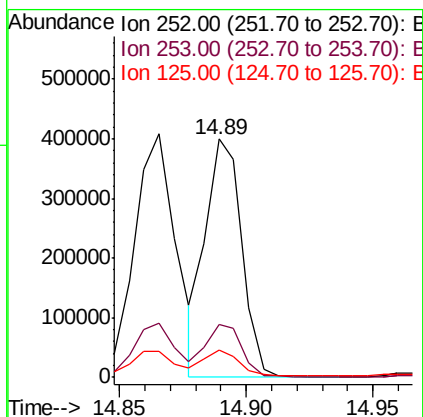
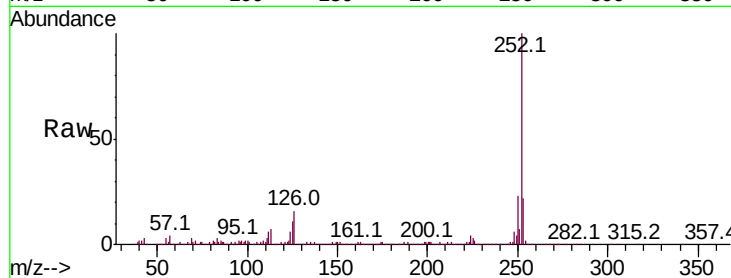




#88
Benzo(k)fluoranthene
Concen: 28.706 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

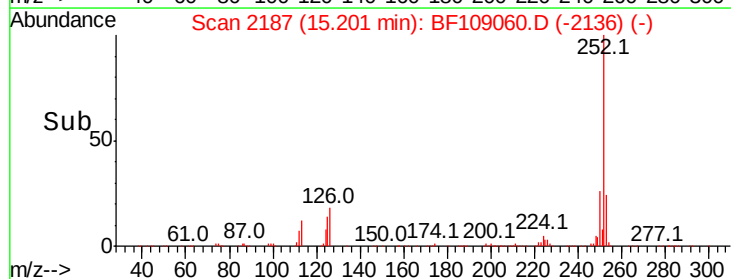
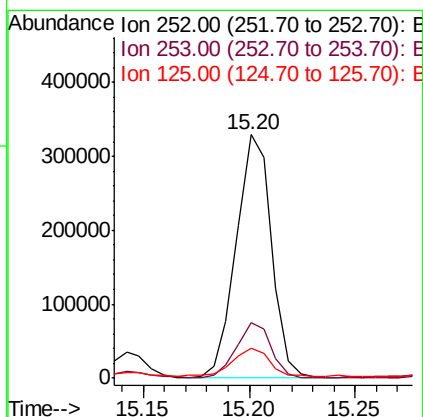
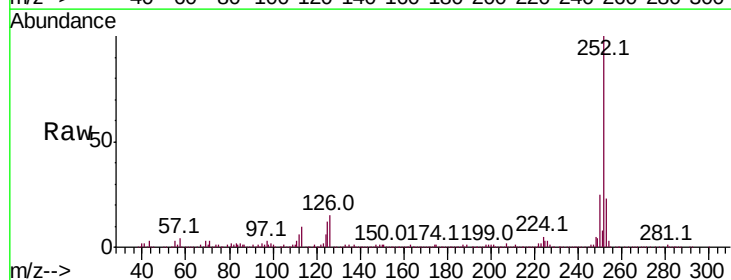
Instrument :
BNA_F
ClientSampleId :
RB12983RTMSD

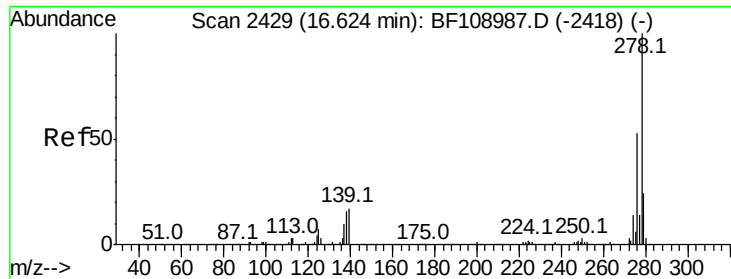
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 29.184 ng
RT: 15.20 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF109060.D
Acq: 17 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.4	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 25.127 ng

RT: 16.62 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

Instrument :

BNA_F

ClientSampleId :

RB12983RTMSD

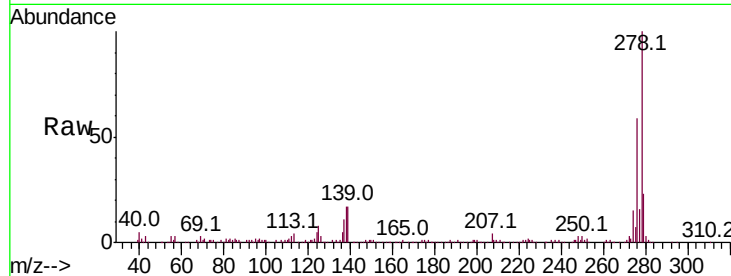
Tot Ion:278 Resp: 276079

Ion Ratio Lower Upper

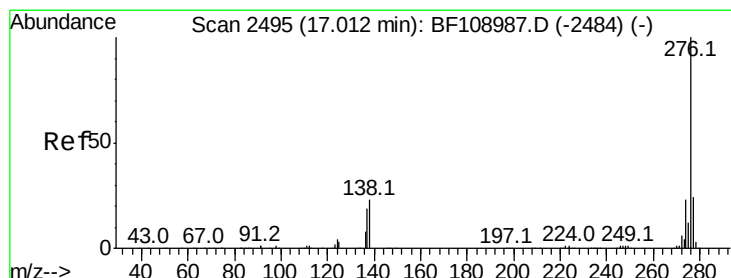
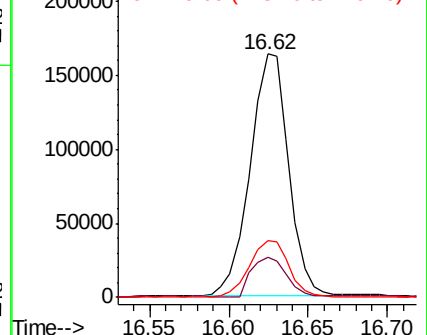
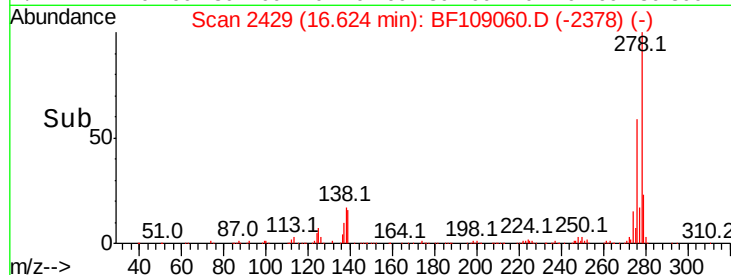
278 100

139 16.6 15.9 23.9

279 23.3 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: 26.972 ng

RT: 17.01 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BF109060.D

Acq: 17 Sep 2018 20:41

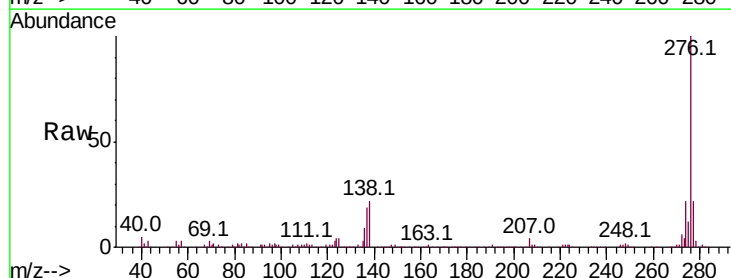
Tgt Ion:276 Resp: 296281

Ion Ratio Lower Upper

276 100

277 22.1 17.9 26.9

138 21.8 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

