

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
 Data File : BF109489.D
 Acq On : 1 Oct 2018 22:35
 Operator : JU/SJ
 Sample : J5155-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Oct 02 03:44:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	100693	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	205443	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	145898	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	178063	20.00	ng	0.00
75) Chrysene-d12	13.85	240	246664	20.00	ng	0.00
86) Perylene-d12	15.24	264	172136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	173630	28.40	ng	0.04
7) Phenol-d6	6.38	99	202880	26.01	ng	0.02
23) Nitrobenzene-d5	7.28	82	444310	127.67	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	136585	94.97	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	734420	75.92	ng	0.00
78) Terphenyl-d14	12.80	244	540497	53.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	20484	7.275	ng	# 97
3) Pyridine	3.10	79	74659	10.303	ng	# 92
6) Aniline	6.39	93	270903	27.143	ng	# 75
9) Benzaldehyde	6.27	77	57160	11.406	ng	# 1
10) Phenol	6.39	94	148561	16.816	ng	# 26
11) bis(2-Chloroethyl)ether	6.39	93	270903	39.189	ng	# 29
15) Benzyl Alcohol	6.85	79	31551	5.284	ng	# 54
17) 2-Methylphenol	6.98	107	161417	29.344	ng	# 91
18) Hexachloroethane	7.25	117	45466	16.365	ng	# 1
19) n-Nitroso-di-n-propylamine	7.28	70	62333	12.194	ng	# 82
20) 3+4-Methylphenols	7.15	107	622134	93.677	ng	# 94
22) Acetophenone	7.13	105	88257	18.581	ng	# 44
24) Nitrobenzene	7.28	77	25342	6.848	ng	# 15
25) Isophorone	7.28	82	430587	68.707	ng	# 64
27) 2,4-Dimethylphenol	7.70	122	1205455	441.447	ng	# 97
28) bis(2-Chloroethoxy)methane	7.70	93	53015	12.779	ng	# 1
31) Naphthalene	8.10	128	18432640	1920.008	ng	# 93
32) Benzoic acid	7.85	122	907107	426.414	ng	# 16
33) 4-Chloroaniline	8.10	127	2945263	702.265	ng	# 36
35) Caprolactam	8.48	113	2383	2.602	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	26339	8.724	ng	# 24
37) 2-Methylnaphthalene	8.72	142	1423534	230.016	ng	# 96
45) 1,1'-Biphenyl	9.17	154	558783	47.007	ng	# 99
47) 2-Nitroaniline	9.27	65	17010	6.318	ng	# 35
48) Acenaphthylene	9.60	152	100970	7.048	ng	# 87
49) Dimethylphthalate	9.47	163	198495	18.705	ng	# 100
51) Acenaphthene	9.78	154	895907	103.435	ng	# 99
53) 2,4-Dinitrophenol	9.84	184	272	8.828	ng	# 1
54) Dibenzofuran	9.95	168	1020010	79.185	ng	# 96
55) 4-Nitrophenol	9.89	139	24550	13.390	ng	# 50
56) 2,4-Dinitrotoluene	9.90	165	10528	3.959	ng	# 1
57) Fluorene	10.29	166	638141	69.433	ng	# 99
61) 4-Nitroaniline	10.29	138	7490	3.156	ng	# 76
62) Azobenzene	10.42	77	55955	5.012	ng	# 47

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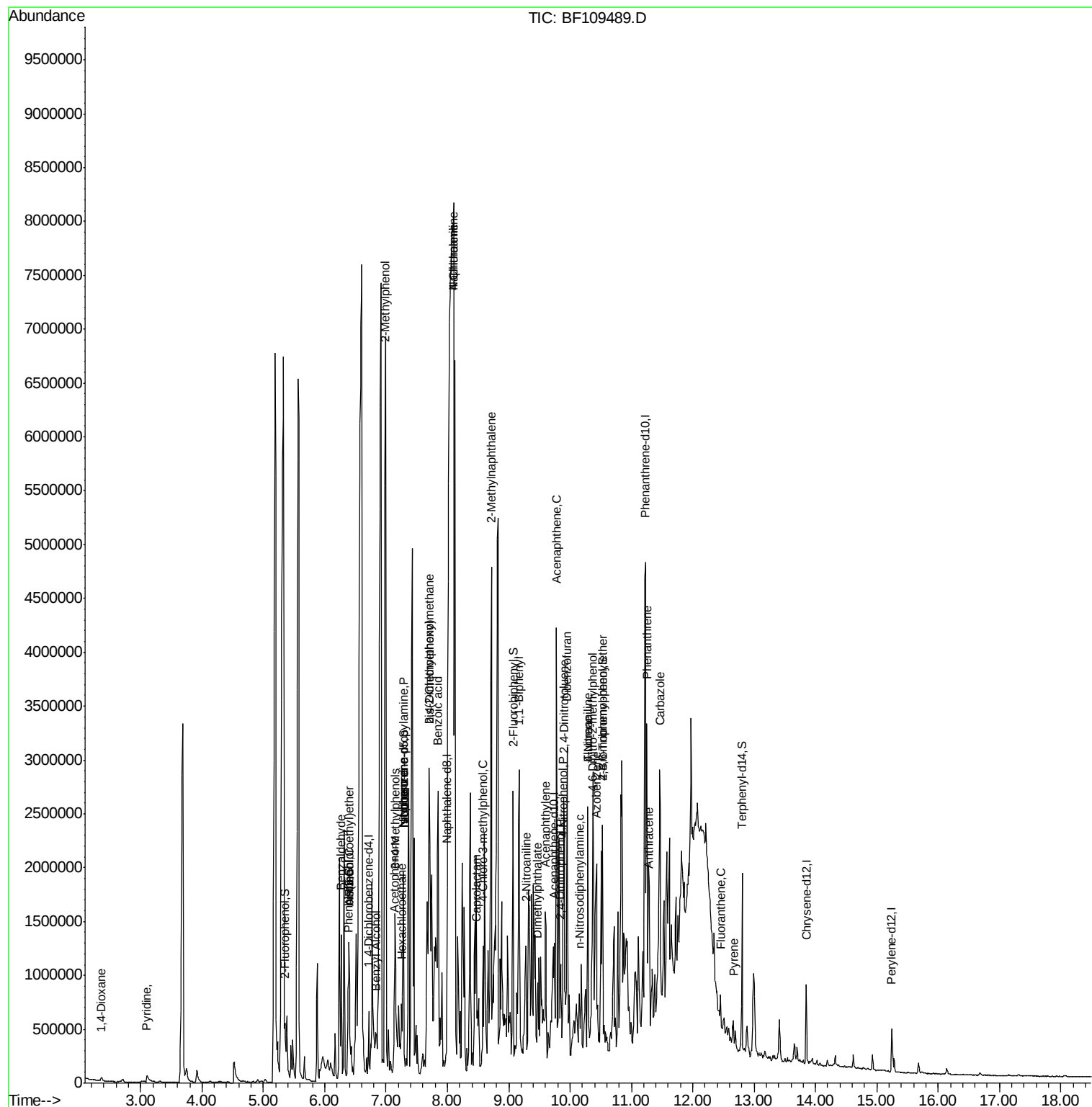
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.36	198	1647	8.517	ng	# 1
65) n-Nitrosodiphenylamine	10.15	169	18177	3.090	ng	94
66) 4-Bromophenyl-phenylether	10.53	248	8345	4.220	ng	# 1
70) Phenanthrene	11.25	178	925044	104.047	ng	99
71) Anthracene	11.30	178	144515	16.026	ng	99
72) Carbazole	11.46	167	713912	79.572	ng	99
74) Fluoranthene	12.45	202	99997	10.525	ng	96
77) Pyrene	12.66	202	69229	3.916	ng	99

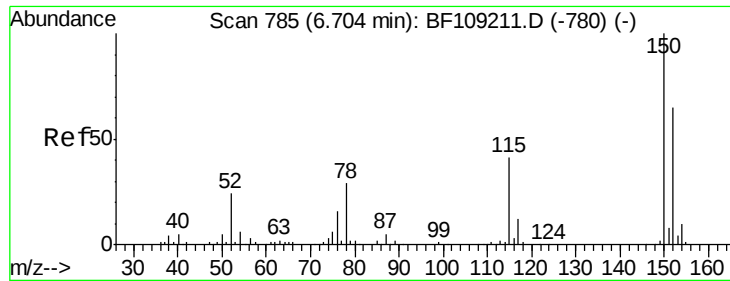
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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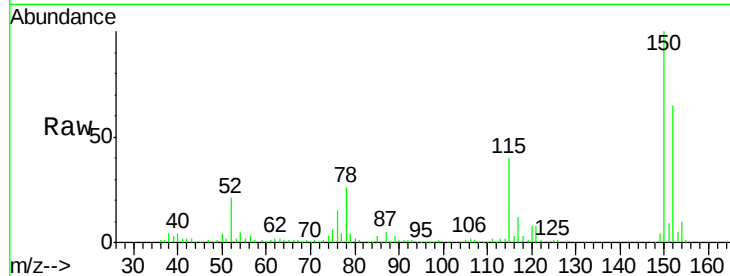


#1

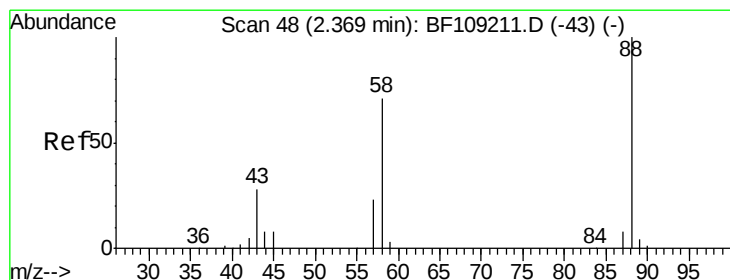
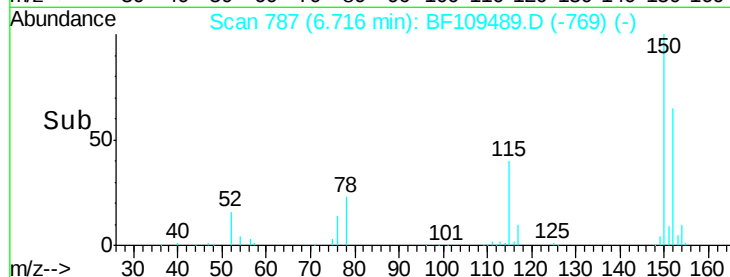
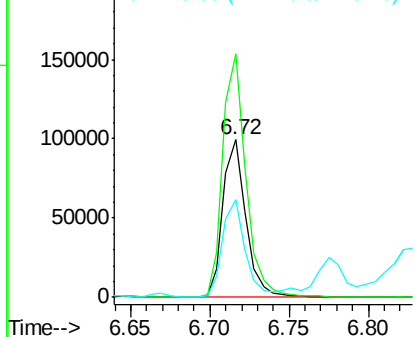
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:152 Resp: 100693
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.7 50.1 75.1



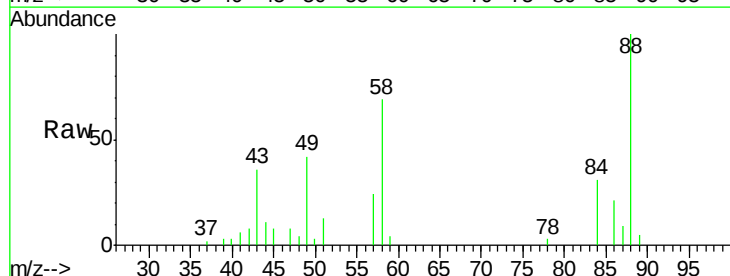
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



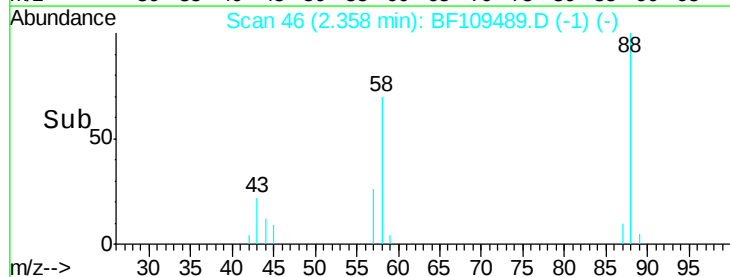
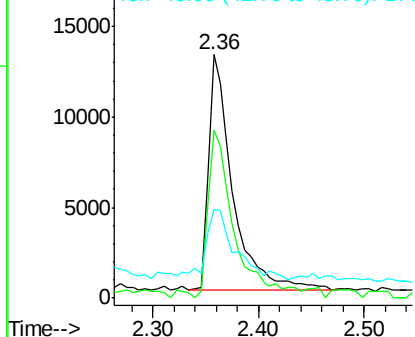
#2

1,4-Dioxane
Concen: 7.275 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Tgt Ion: 88 Resp: 20484
Ion Ratio Lower Upper
88 100
58 78.2 62.6 93.8
43 37.4 24.6 37.0#



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





#3

Pyridine

Concen: 10.303 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

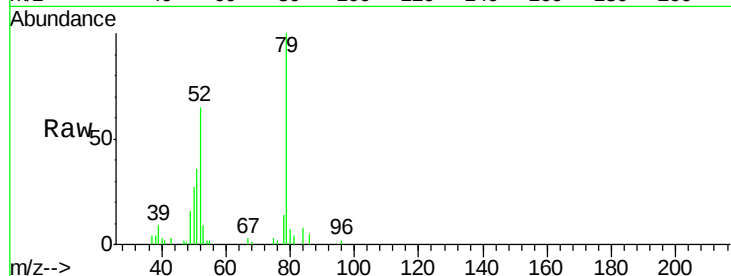
Tgt Ion: 79 Resp: 74659

Ion Ratio Lower Upper

79 100

52 65.3 59.8 89.6

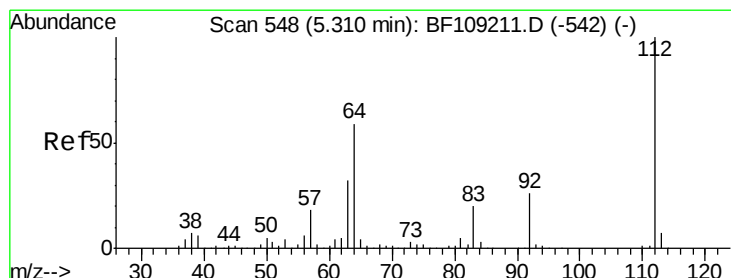
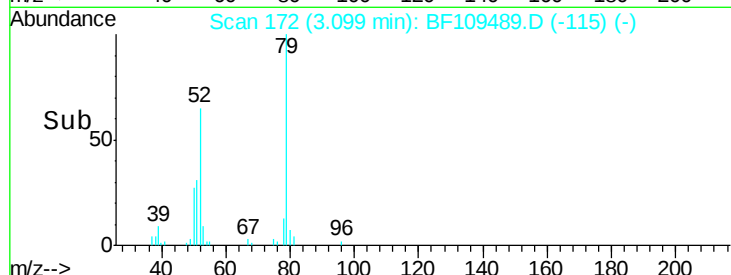
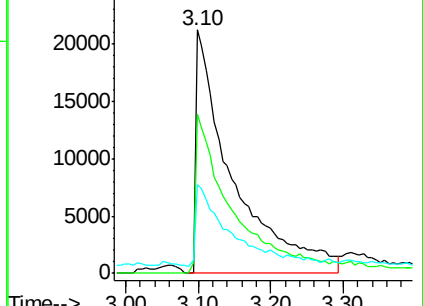
51 36.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 28.401 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.04 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

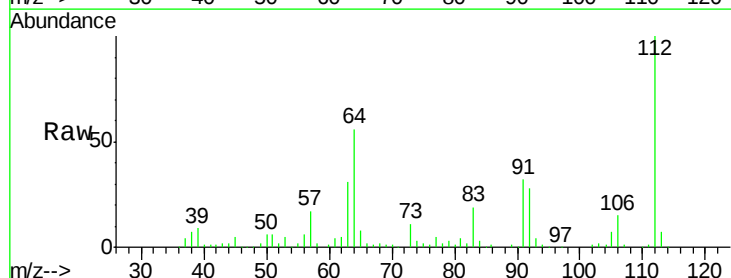
Tgt Ion: 112 Resp: 173630

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

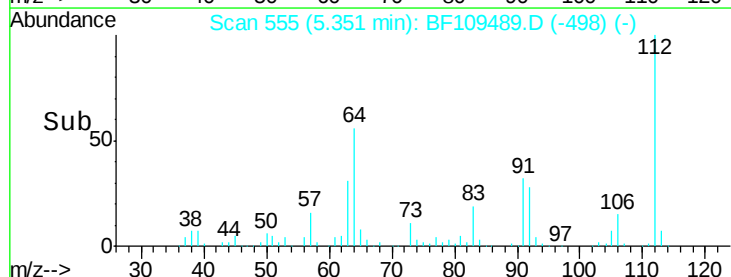
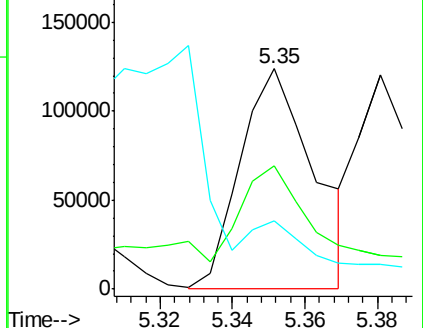
63 31.1 23.7 35.5

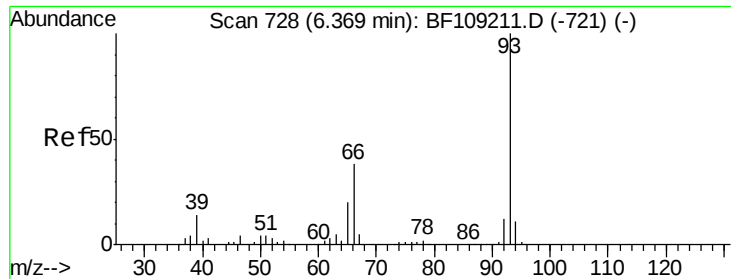


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 27.143 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

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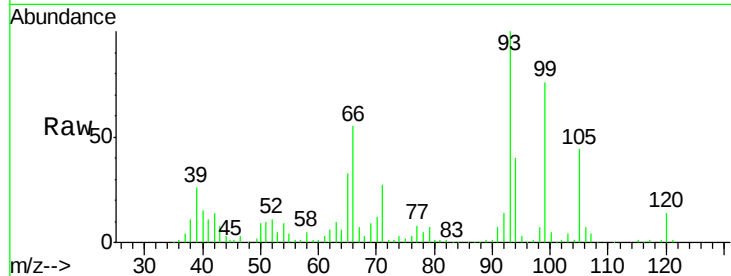
Tgt Ion: 93 Resp: 270903

Ion Ratio Lower Upper

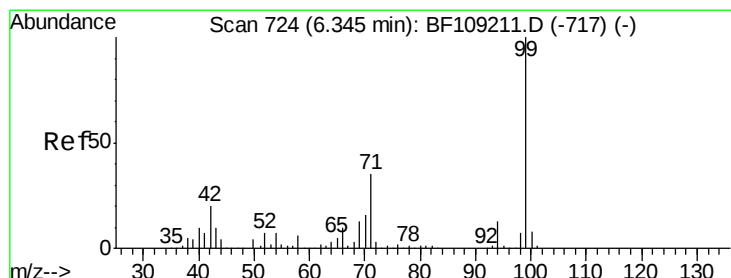
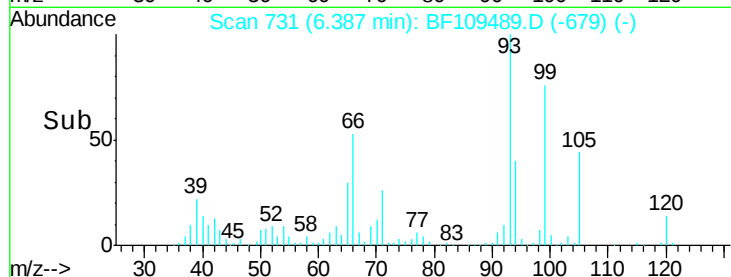
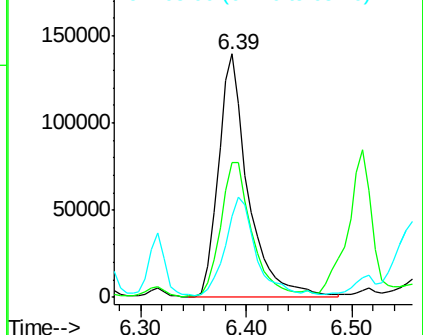
93 100

66 55.3 32.2 48.2#

65 33.4 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: 26.007 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

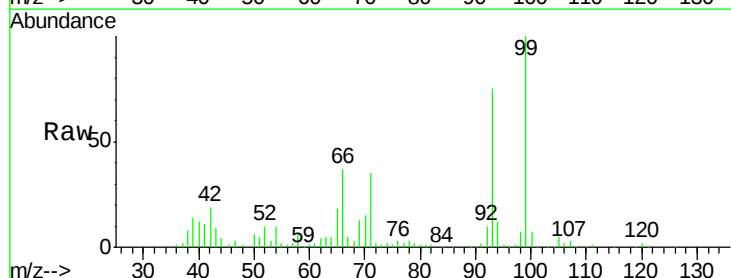
Tgt Ion: 99 Resp: 202880

Ion Ratio Lower Upper

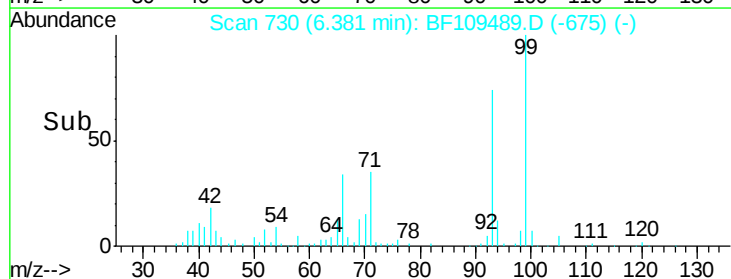
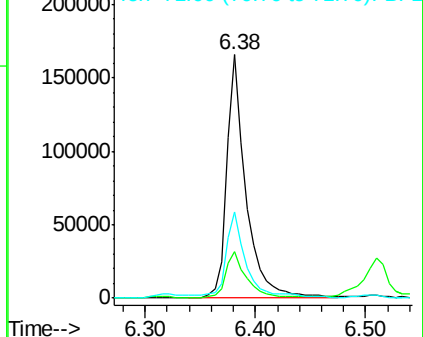
99 100

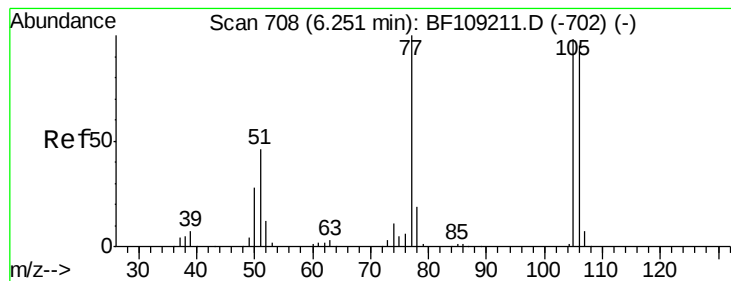
42 19.3 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 11.406 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

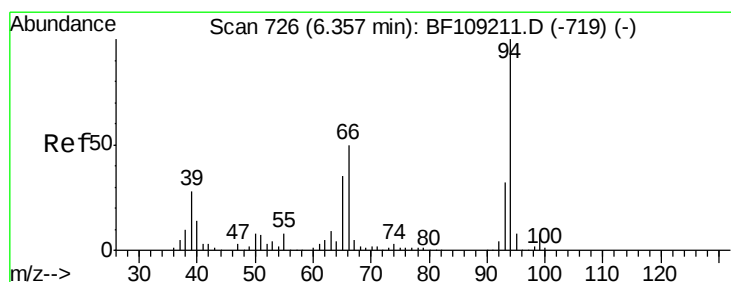
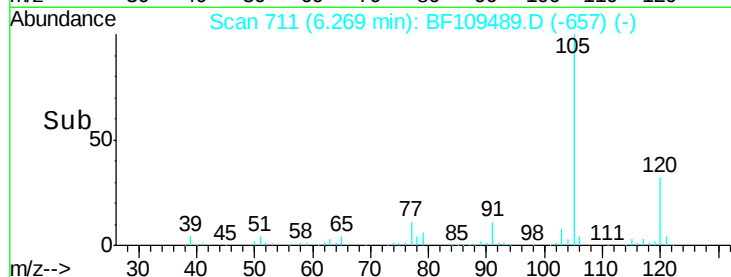
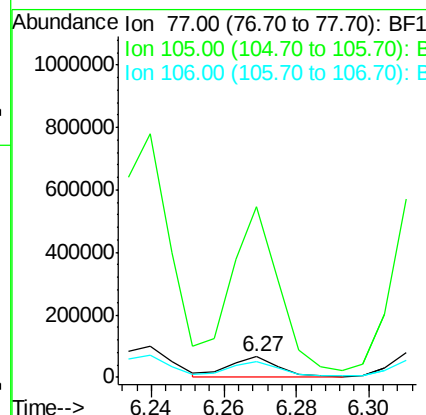
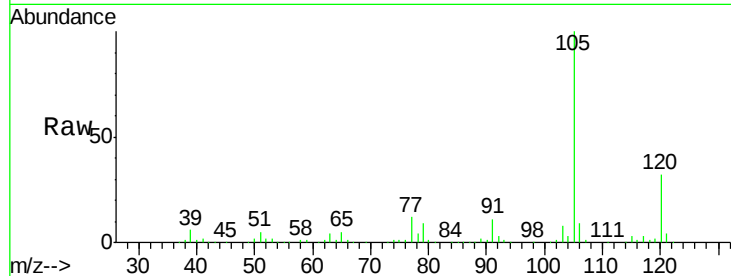
BNA_F

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion: 77 Resp: 57160

Ion	Ratio	Lower	Upper
77	100		
105	839.3	81.1	121.1#
106	76.4	74.5	114.5



#10

Phenol

Concen: 16.816 ng

RT: 6.39 min Scan# 732

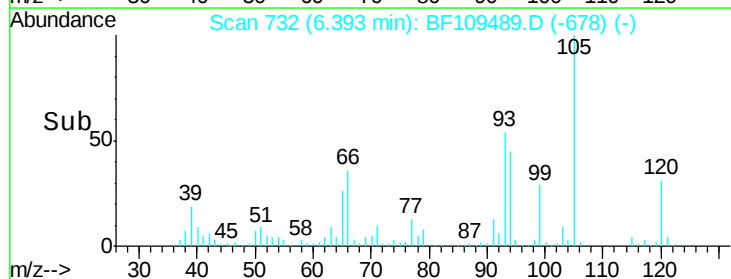
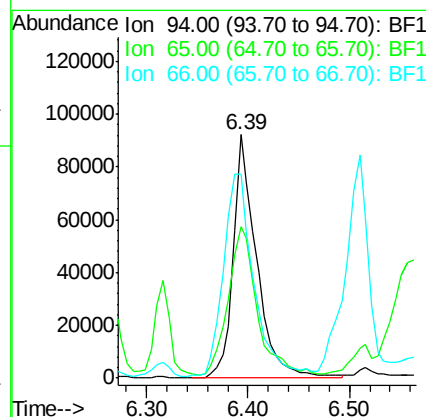
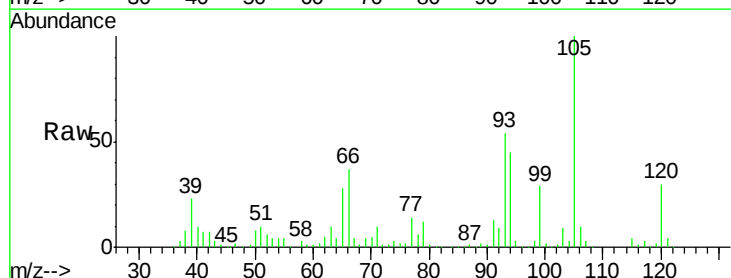
Delta R.T. 0.02 min

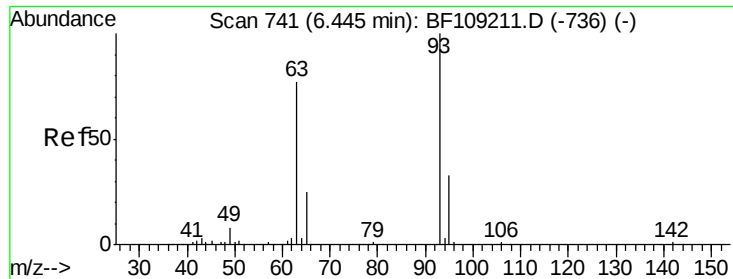
Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Tgt Ion: 94 Resp: 148561

Ion	Ratio	Lower	Upper
94	100		
65	62.3	7.9	47.9#
66	83.9	16.2	56.2#

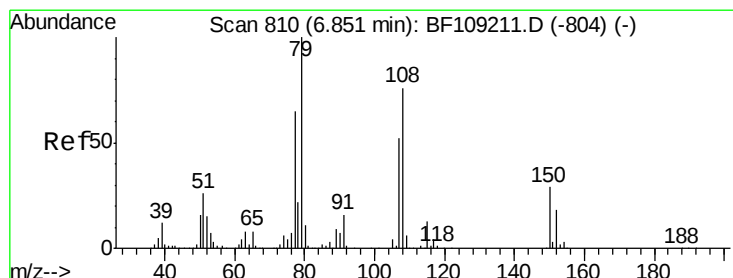
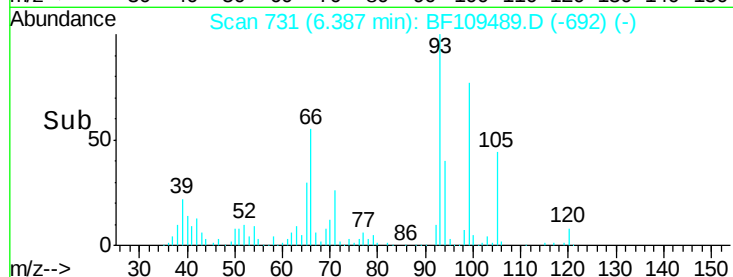
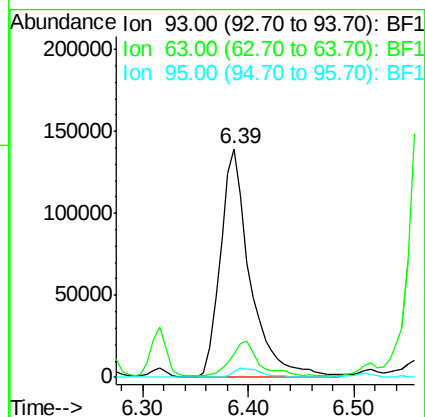
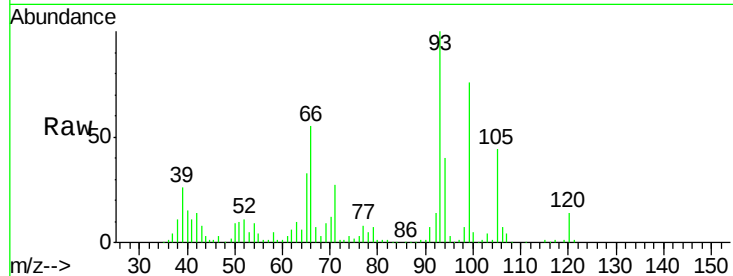




#11
bis(2-Chloroethyl)ether
Concen: 39.189 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.07 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

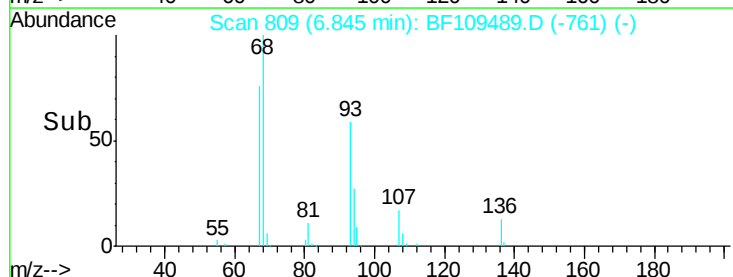
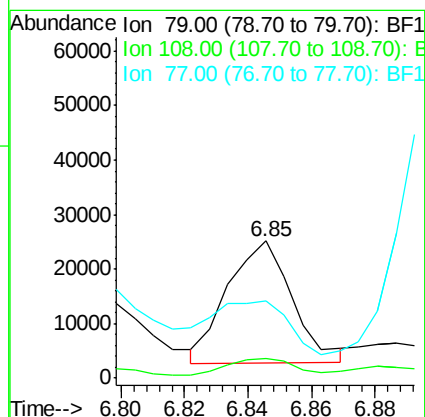
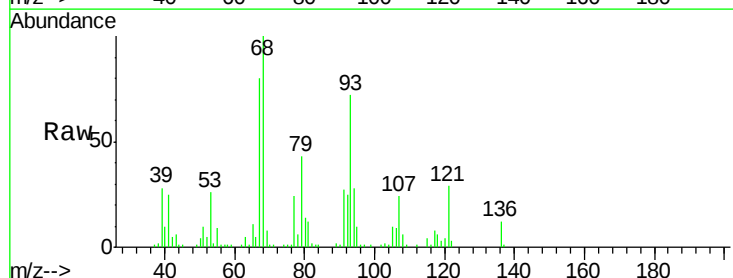
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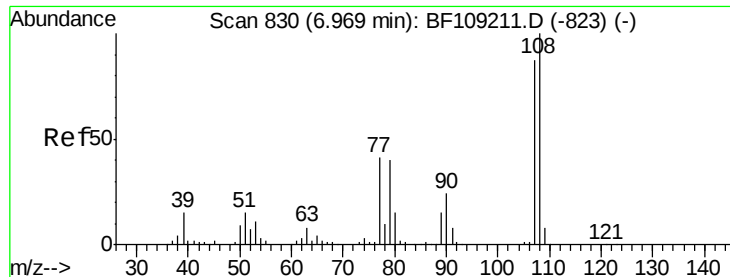
Tgt Ion: 93 Resp: 270903
Ion Ratio Lower Upper
93 100
63 10.2 58.6 98.6#
95 2.6 11.8 51.8#



#15
Benzyl Alcohol
Concen: 5.284 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Tgt Ion: 79 Resp: 31551
Ion Ratio Lower Upper
79 100
108 14.6 65.1 97.7#
77 56.5 50.6 75.8





#17

2-Methylphenol

Concen: 29.344 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

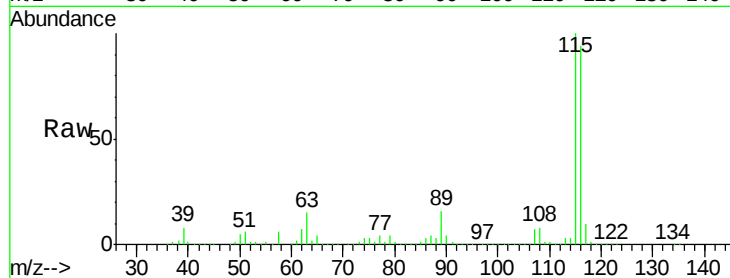
Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:	107	Resp:	161417
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	56.5	33.8	50.8#
79	50.0	33.8	50.8

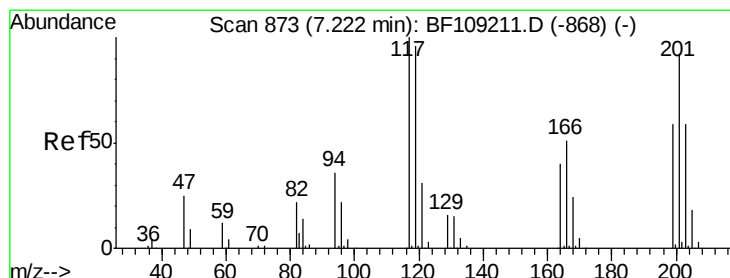
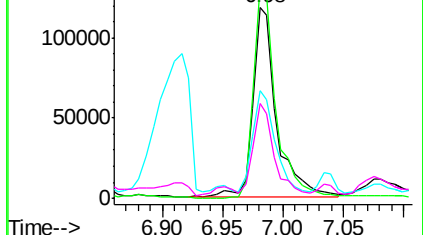
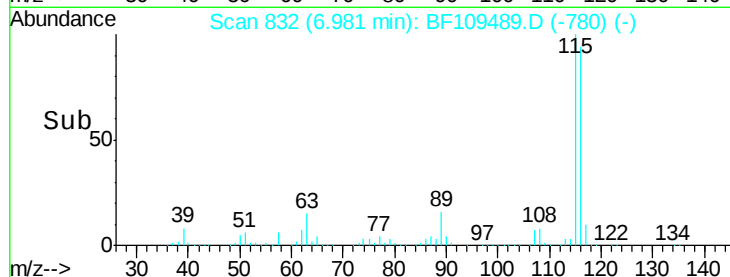


Abundance Ion 107.00 (106.70 to 107.70): E

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: 16.365 ng

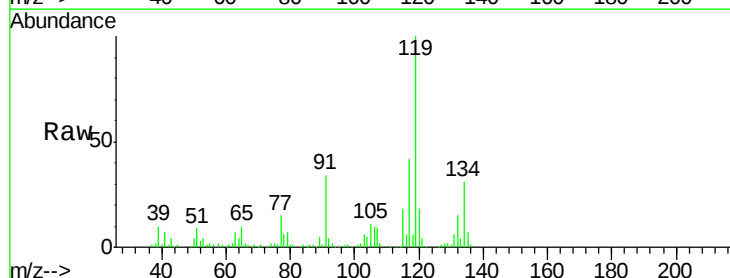
RT: 7.25 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

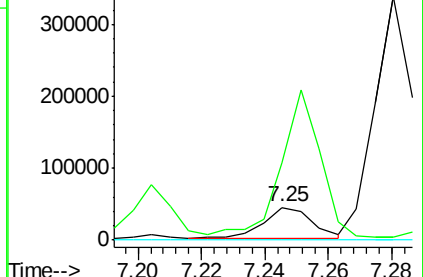
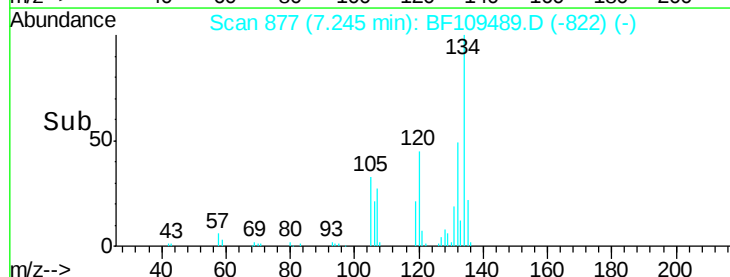
Tgt Ion:	117	Resp:	45466
Ion	Ratio	Lower	Upper
117	100		
119	235.5	75.8	113.8#
201	0.0	75.7	113.5#

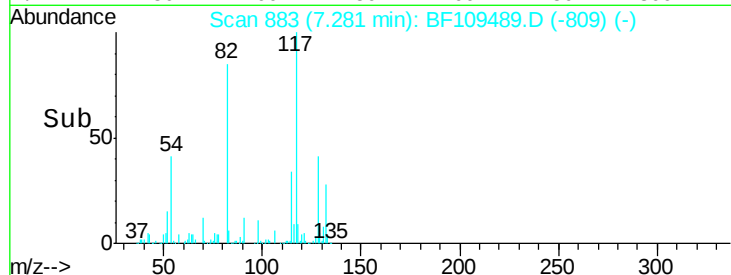
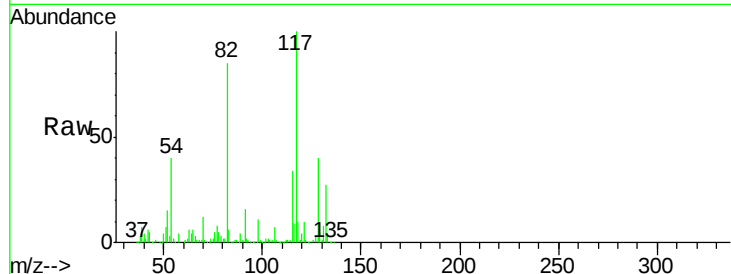
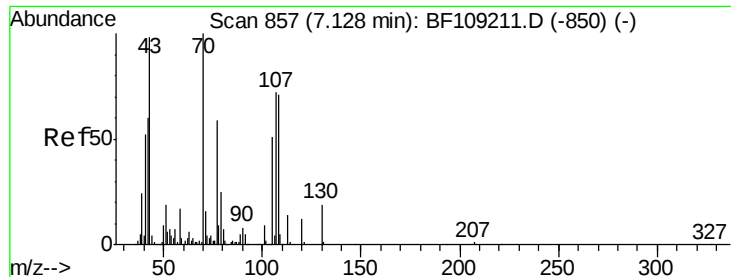


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

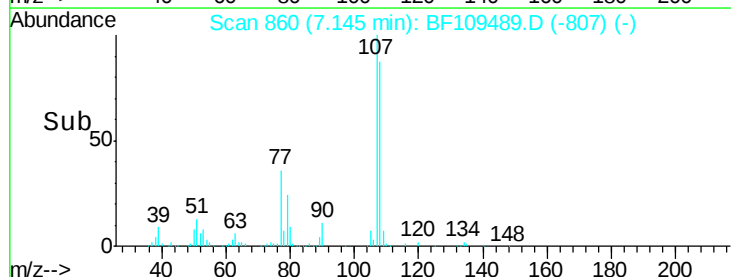
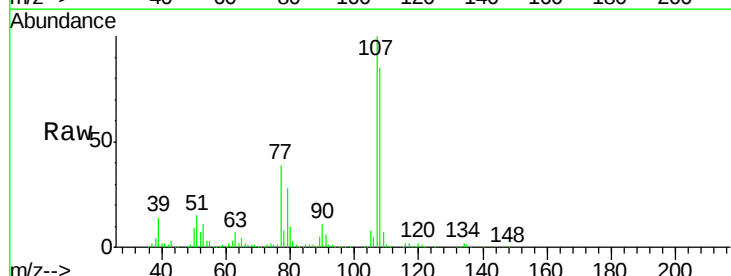
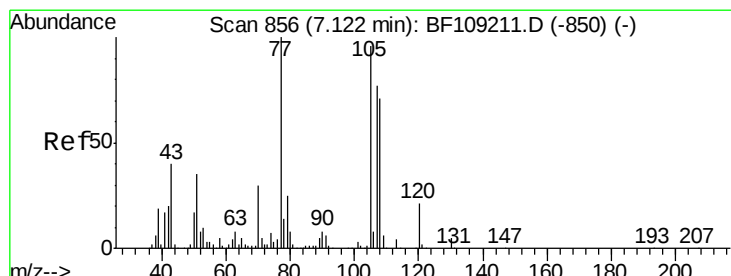
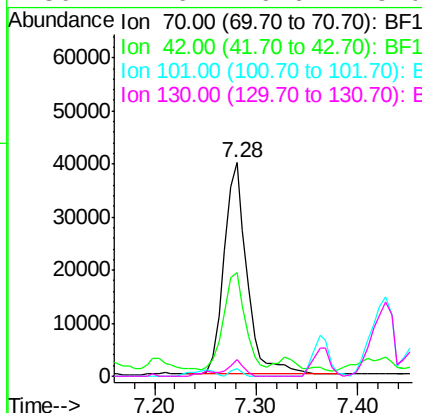




#19
n-Nitroso-di-n-propylamine
Concen: 12.194 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

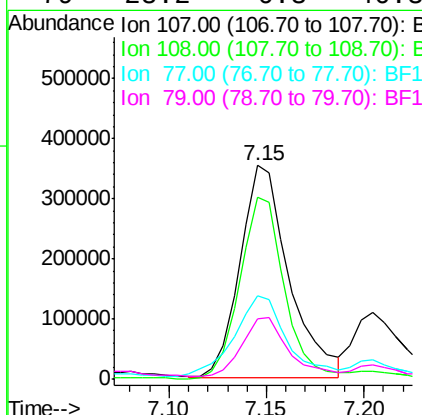
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

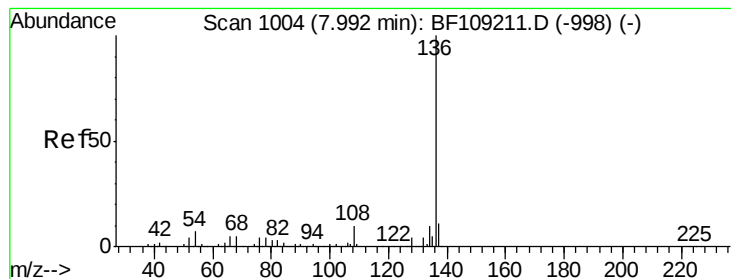
Tgt Ion:	70	Resp:	62333
Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	3.8	7.4	11.2#
130	7.6	16.6	25.0#



#20
3+4-Methylphenols
Concen: 93.677 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Tgt Ion:	107	Resp:	622134
Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.2	108.2
77	39.0	26.7	66.7
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:136 Resp: 205443

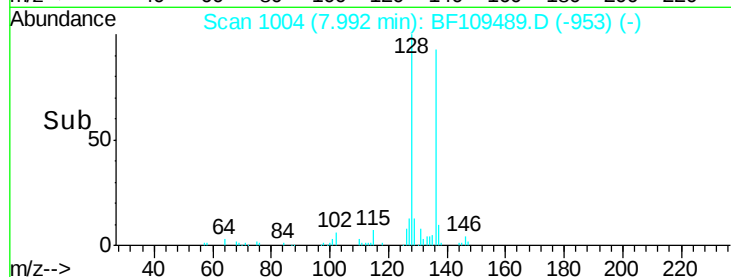
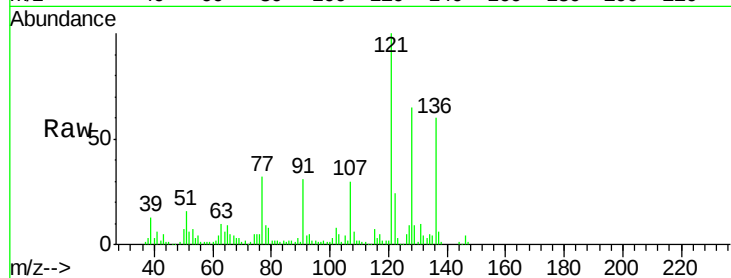
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.7 6.6 9.8#

68 4.3 5.0 7.4#



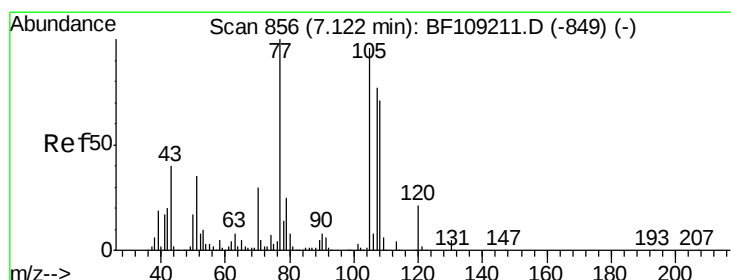
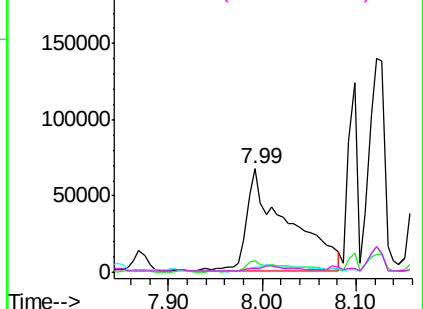
Abundance

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: 18.581 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Tgt Ion:105 Resp: 88257

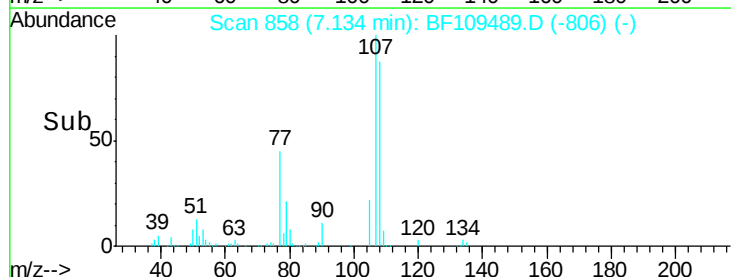
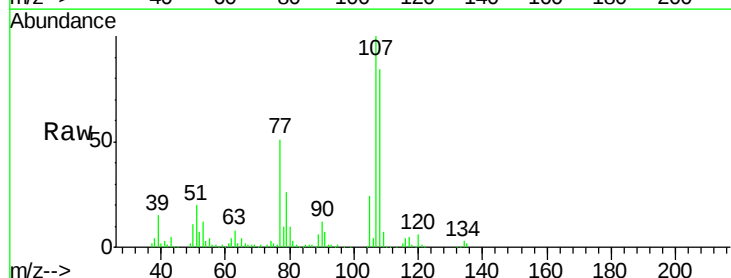
Ion Ratio Lower Upper

105 100

71 3.7 4.4 6.6#

51 82.7 22.3 33.5#

120 23.2 16.9 25.3



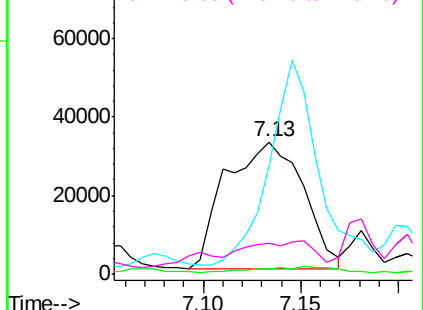
Abundance

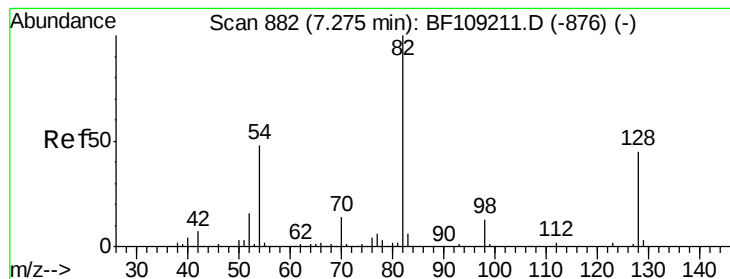
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 127.667 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

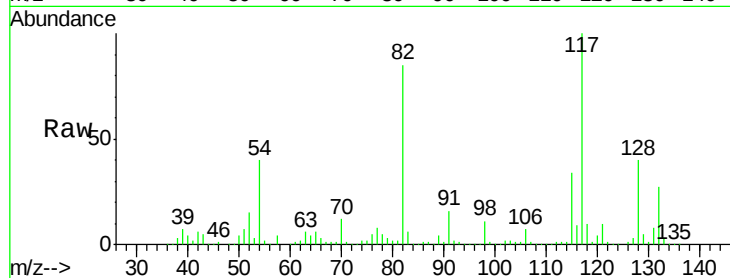
Tgt Ion: 82 Resp: 444310

Ion Ratio Lower Upper

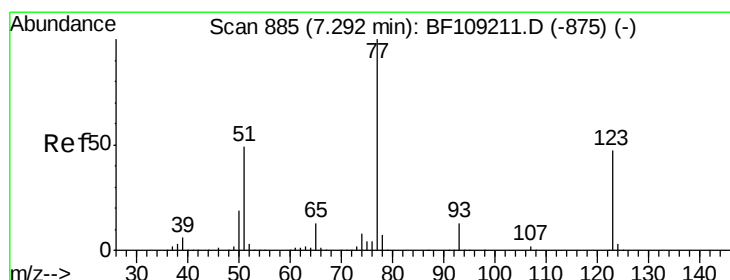
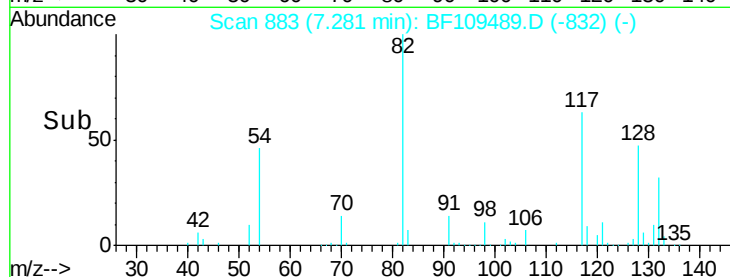
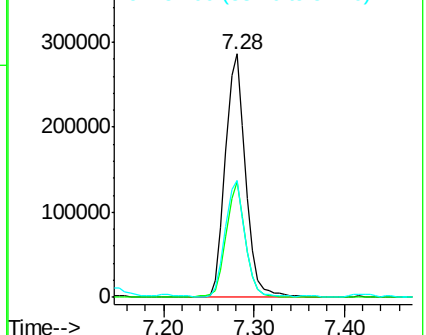
82 100

128 47.3 36.1 54.1

54 47.9 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: 6.848 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

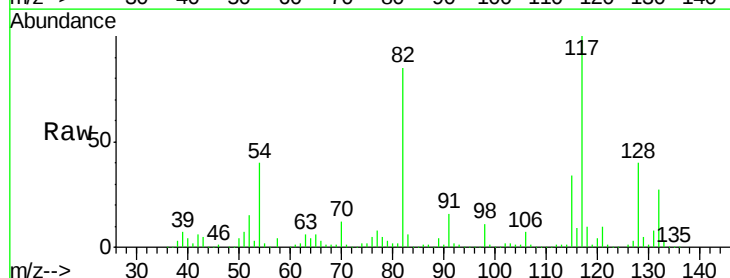
Tgt Ion: 77 Resp: 25342

Ion Ratio Lower Upper

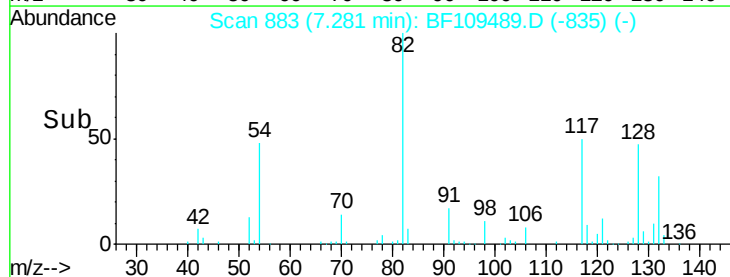
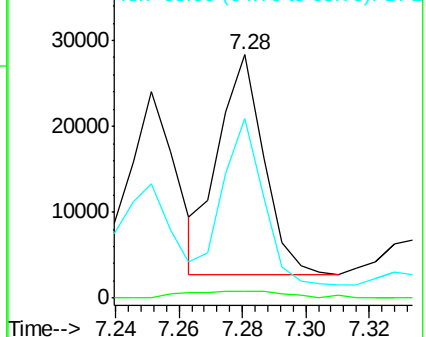
77 100

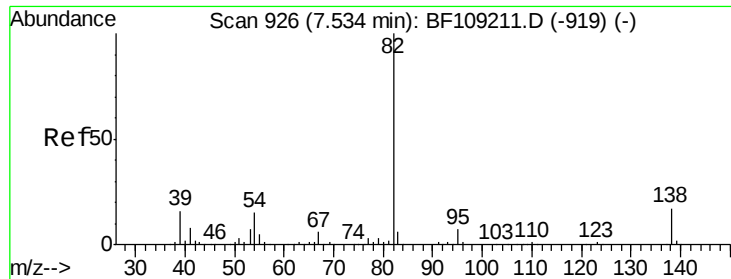
123 2.7 37.9 56.9#

65 73.8 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: 68.707 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

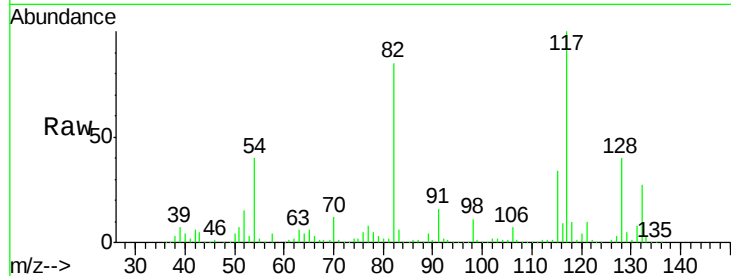
Tgt Ion: 82 Resp: 430587

Ion Ratio Lower Upper

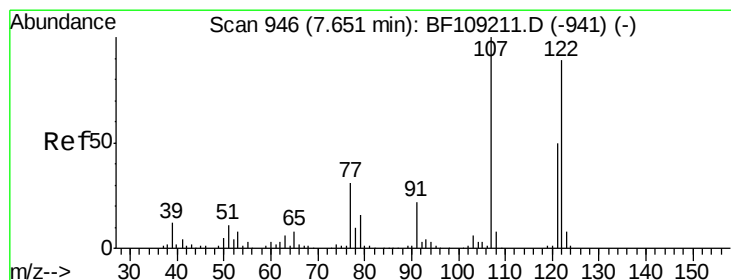
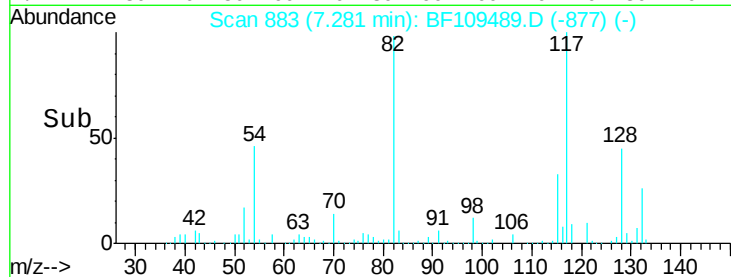
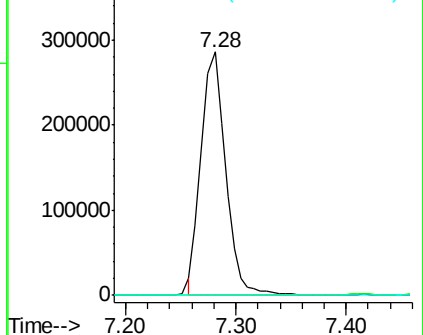
82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 441.447 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.05 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

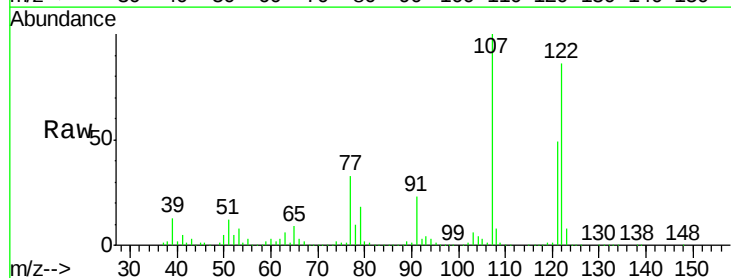
Tgt Ion: 122 Resp: 1205455

Ion Ratio Lower Upper

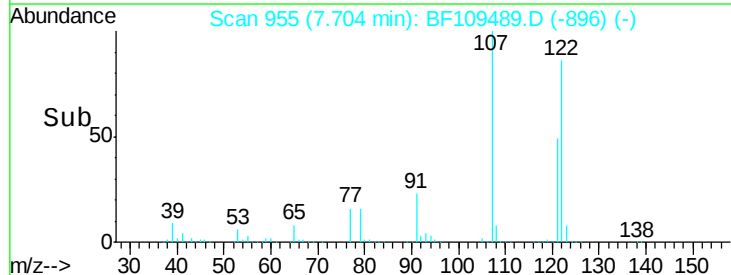
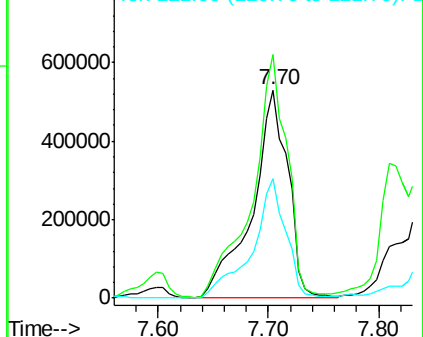
122 100

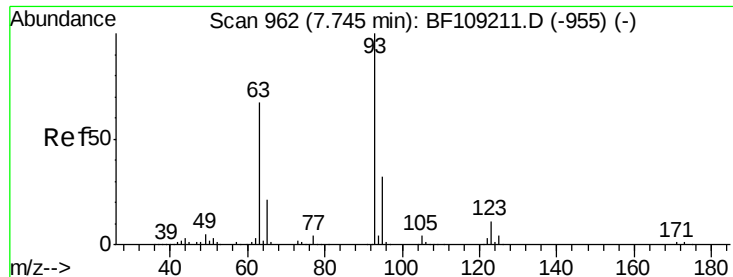
107 116.9 91.2 136.8

121 57.2 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: 12.779 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

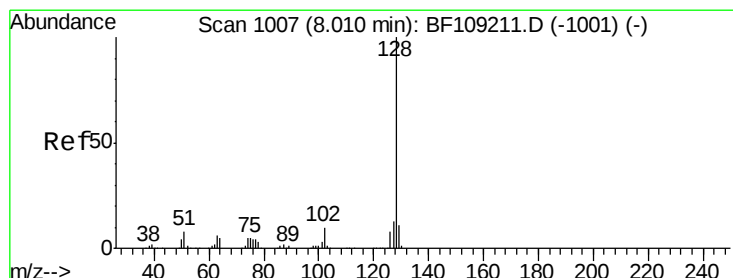
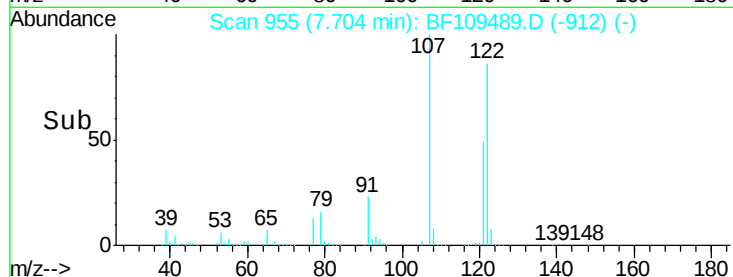
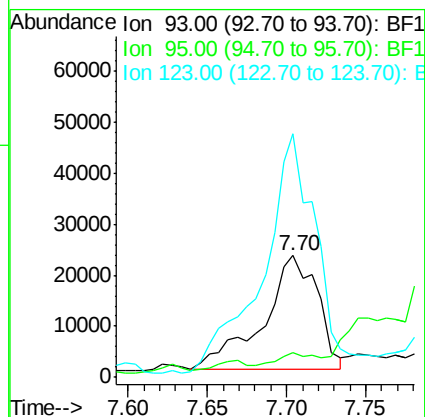
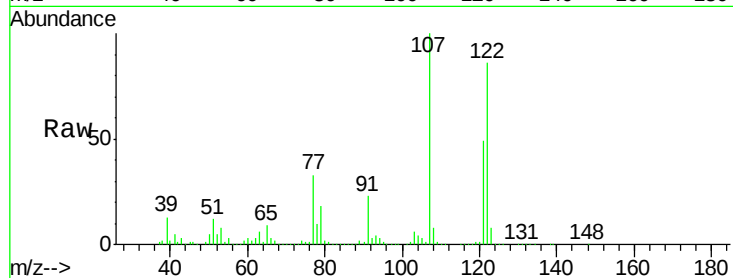
Tgt Ion: 93 Resp: 53015

Ion Ratio Lower Upper

93 100

95 20.6 26.3 39.5#

123 200.1 9.8 14.6#



#31

Naphthalene

Concen: 1920.008 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.09 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

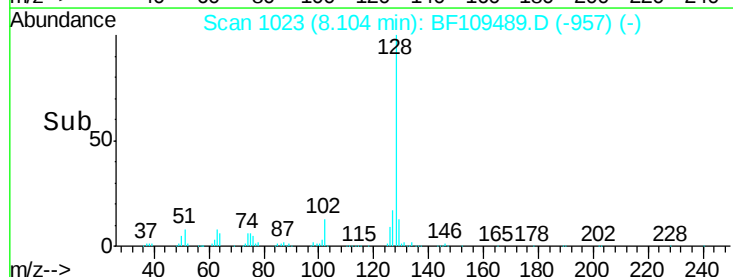
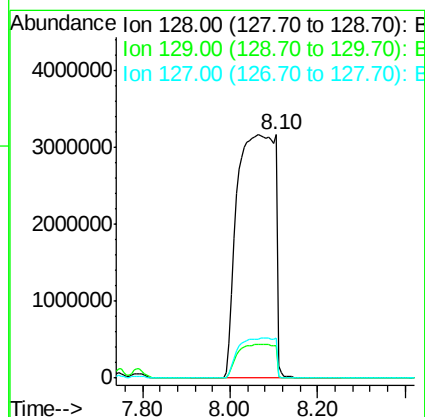
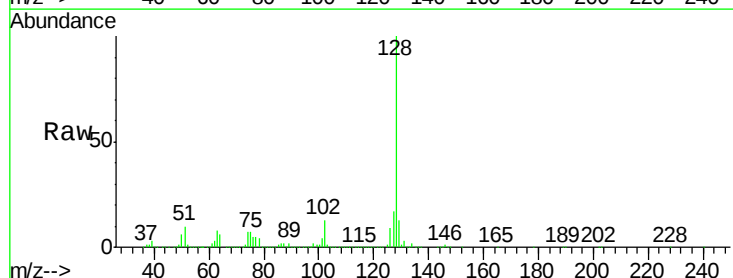
Tgt Ion: 128 Resp: 18432640

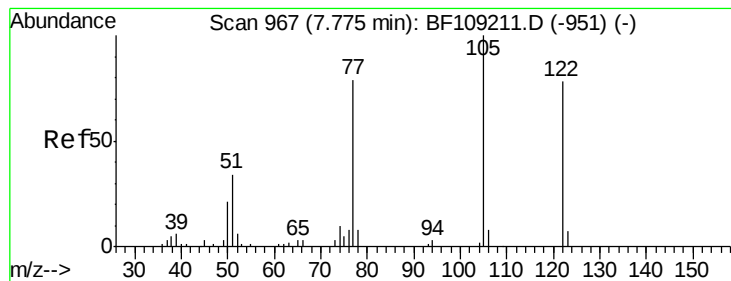
Ion Ratio Lower Upper

128 100

129 13.2 8.8 13.2

127 16.6 10.9 16.3#





#32

Benzoic acid

Concen: 426.414 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

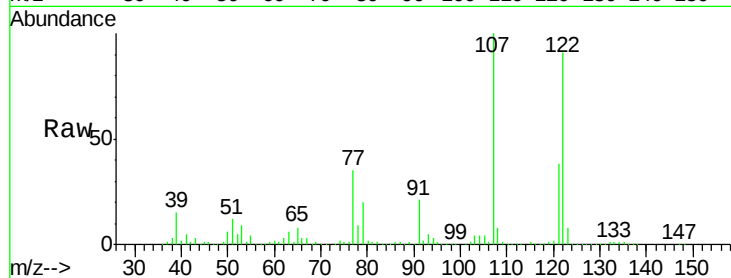
Tgt Ion:122 Resp: 907107

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

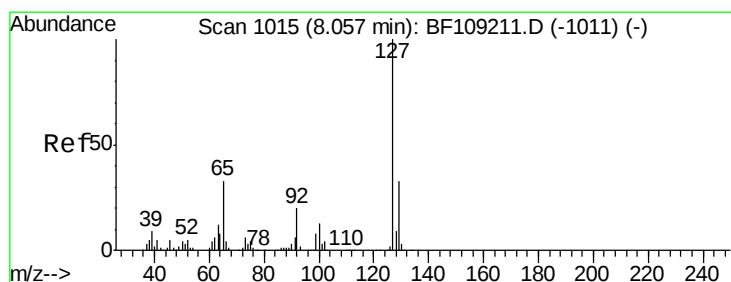
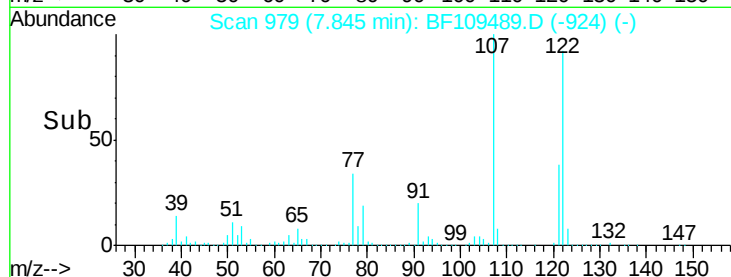
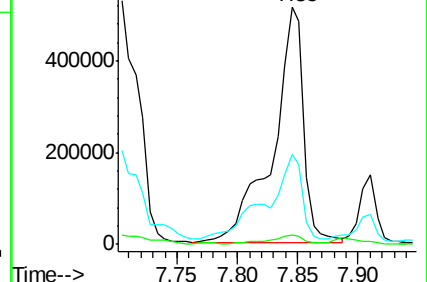
77 38.1 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 702.265 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.04 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Tgt Ion:127 Resp: 2945263

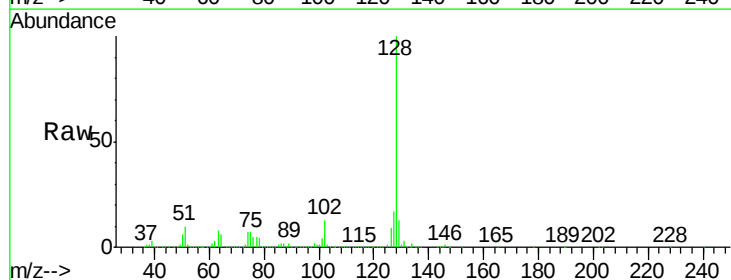
Ion Ratio Lower Upper

127 100

129 79.2 25.9 38.9#

65 0.0 25.0 37.4#

92 0.2 15.2 22.8#

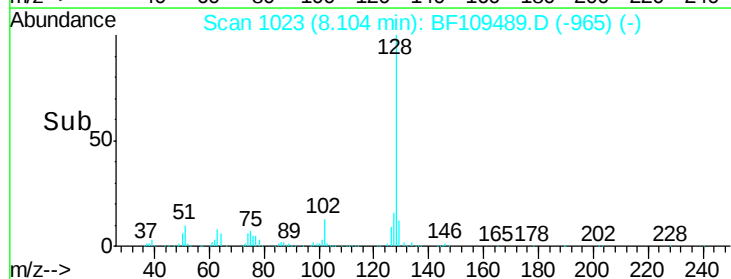
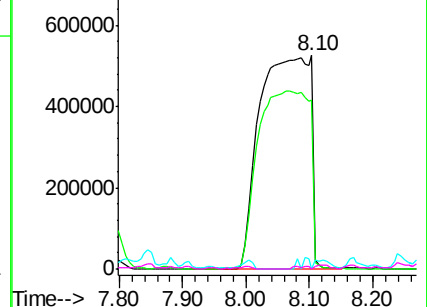


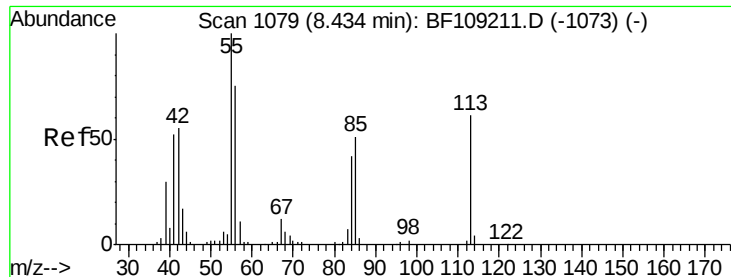
Abundance Ion 127.00 (126.70 to 127.70): E

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

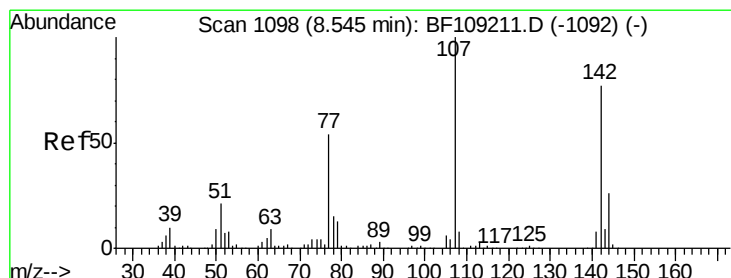
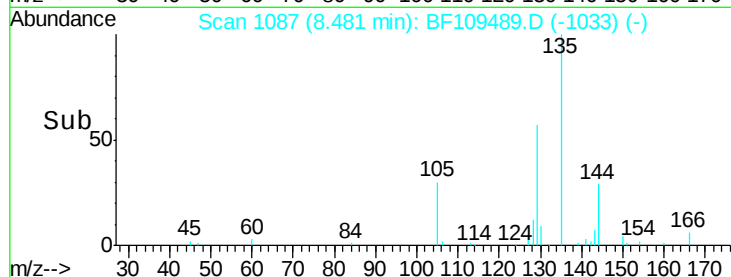
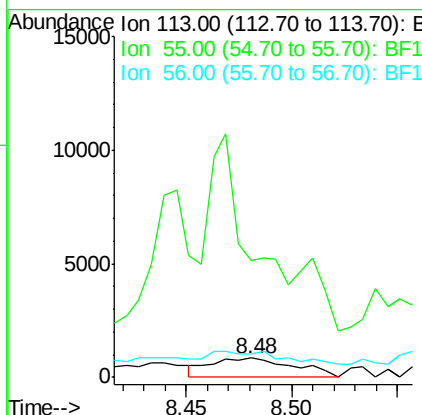
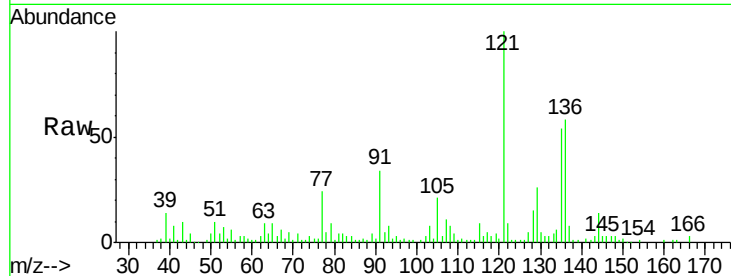




#35
 Caprolactam
 Concen: 2.602 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.02 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

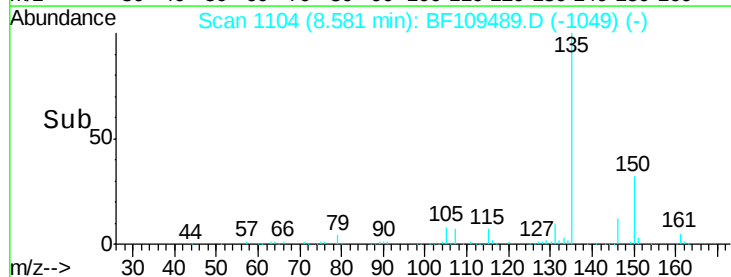
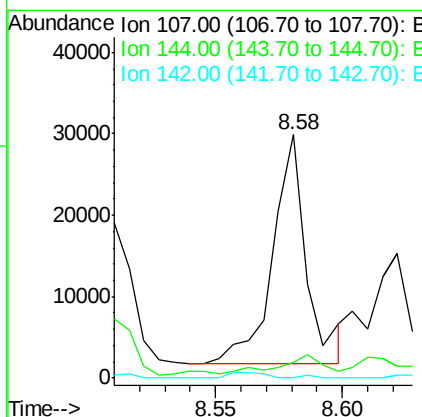
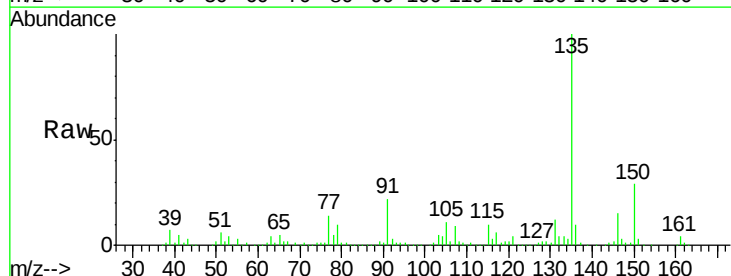
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

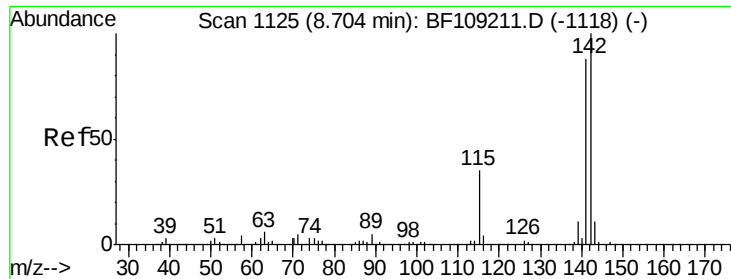
Tgt Ion:113 Resp: 2383
 Ion Ratio Lower Upper
 113 100
 55 600.8 163.3 203.3#
 56 121.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 8.724 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

Tgt Ion:107 Resp: 26339
 Ion Ratio Lower Upper
 107 100
 144 6.7 20.5 30.7#
 142 0.0 62.0 93.0#

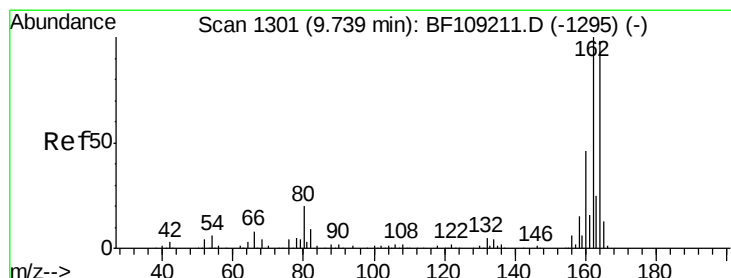
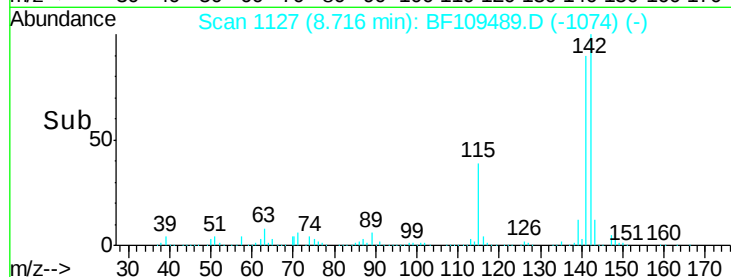
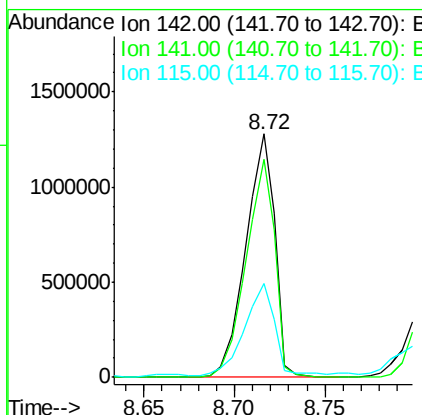
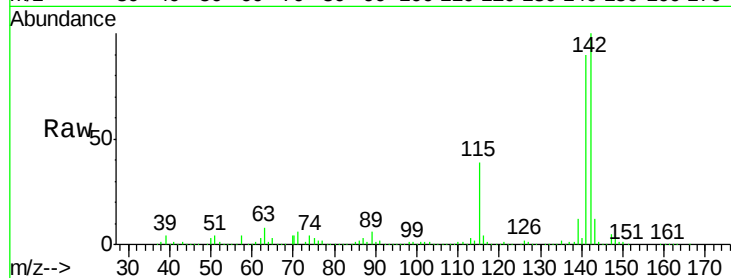




#37
 2-Methylnaphthalene
 Concen: 230.016 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

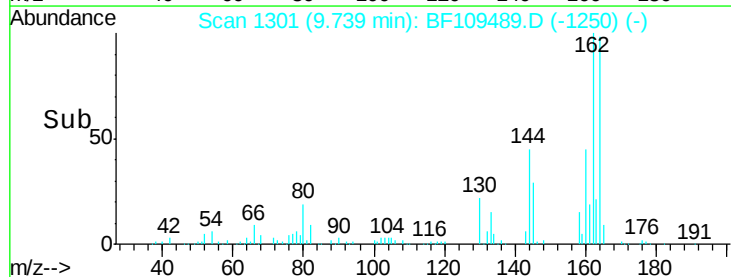
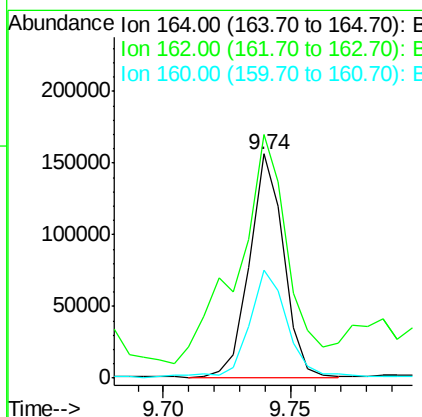
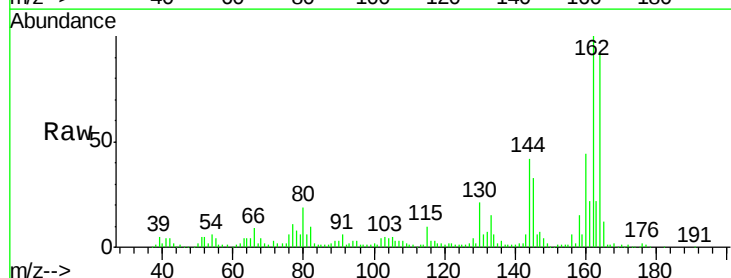
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

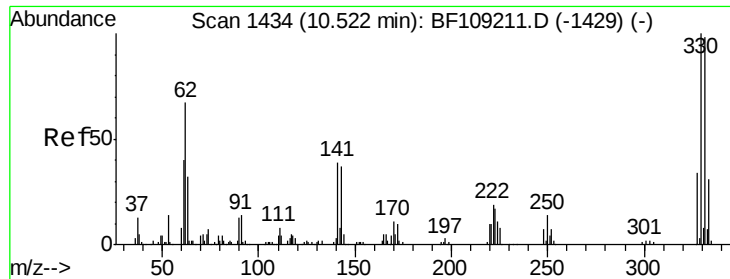
Tgt Ion:142 Resp: 1423534
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 38.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

Tgt Ion:164 Resp: 145898
 Ion Ratio Lower Upper
 164 100
 162 108.5 86.1 129.1
 160 47.9 38.3 57.5

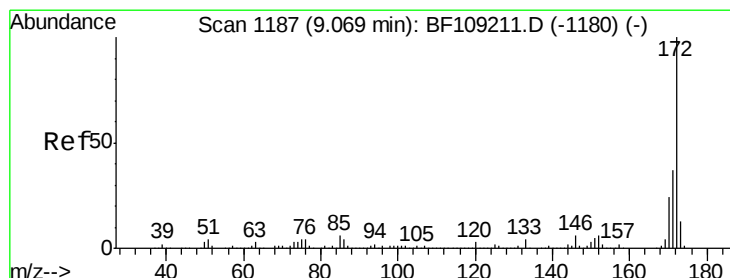
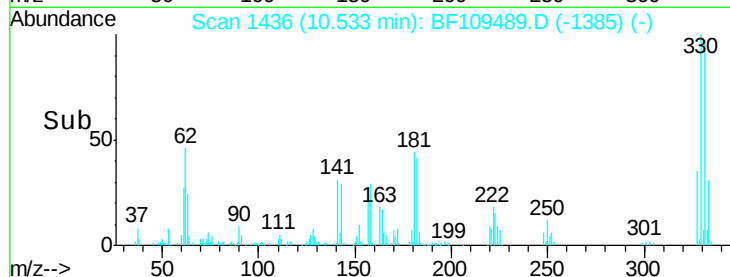
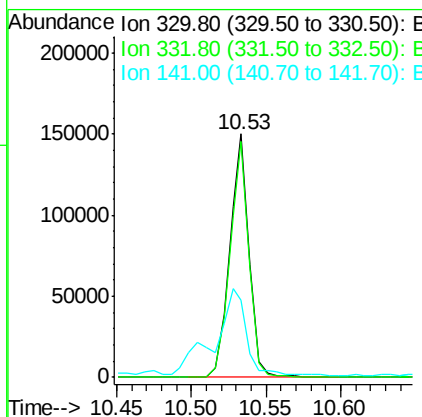
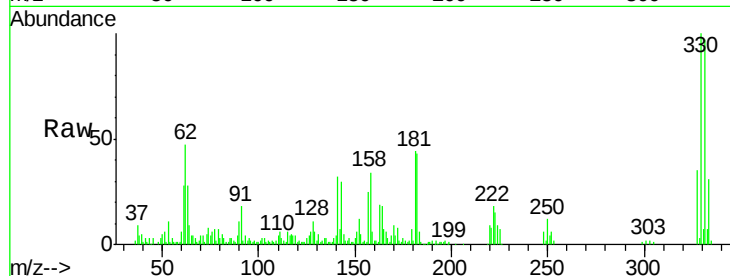




#41
 2,4,6-Tribromophenol
 Concen: 94.966 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

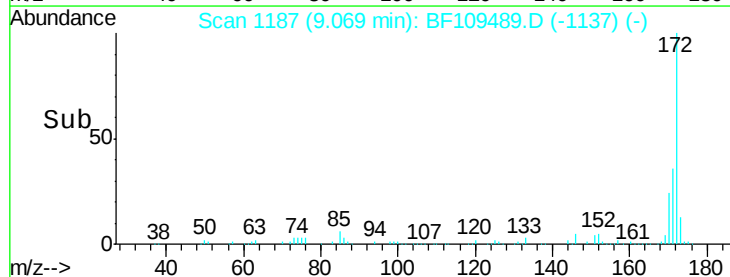
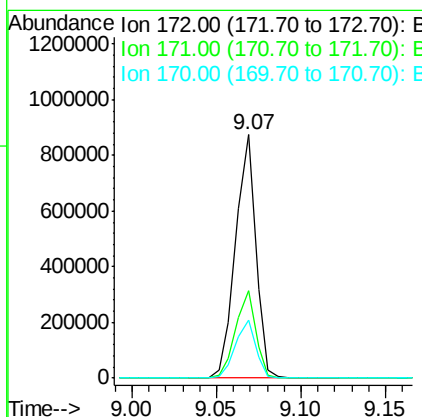
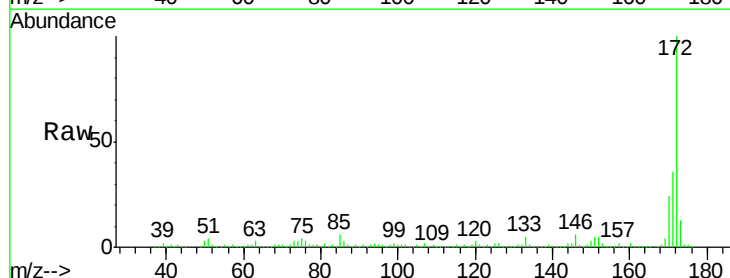
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

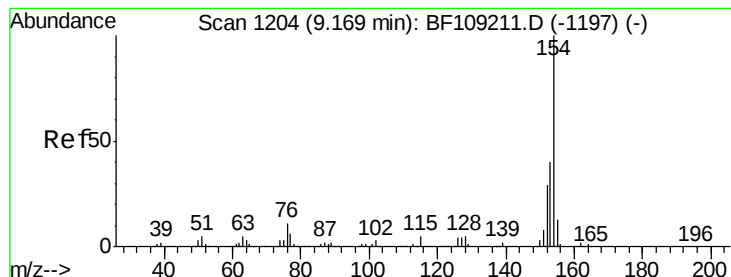
Tgt Ion:330 Resp: 136585
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 57.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 75.919 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

Tgt Ion:172 Resp: 734420
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 19.6 29.4





#45

1,1'-Biphenyl

Concen: 47.007 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

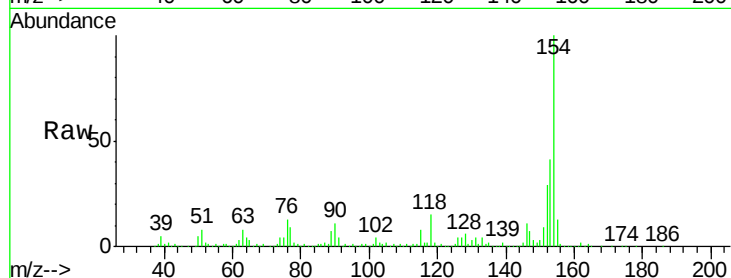
Tgt Ion:154 Resp: 558783

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

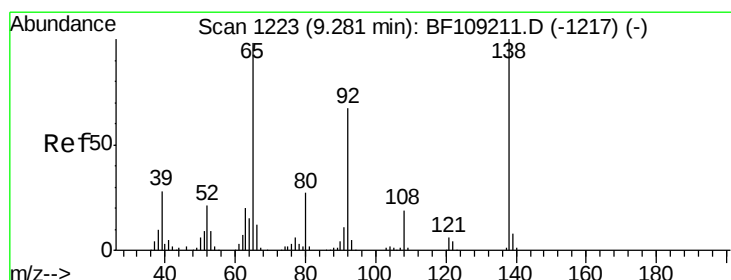
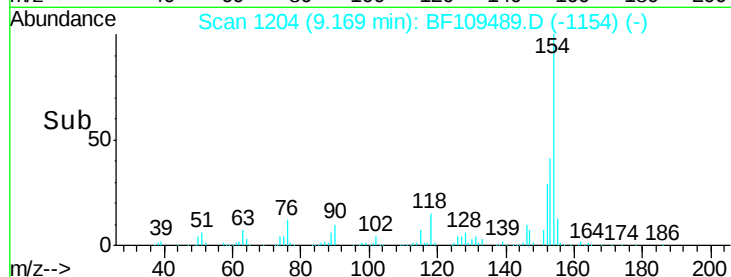
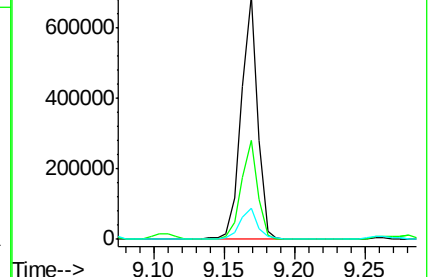
76 12.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Nitroaniline

Concen: 6.318 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

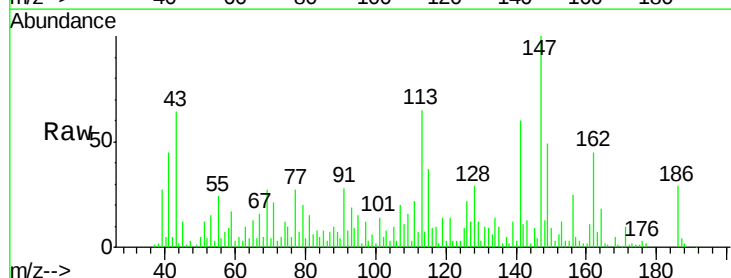
Tgt Ion: 65 Resp: 17010

Ion Ratio Lower Upper

65 100

92 57.2 55.8 83.6

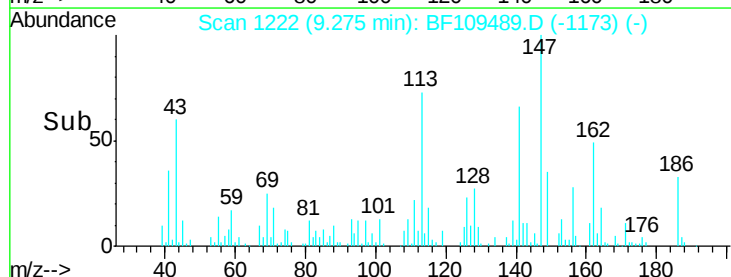
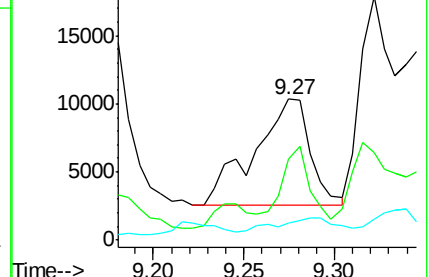
138 11.7 91.2 136.8#

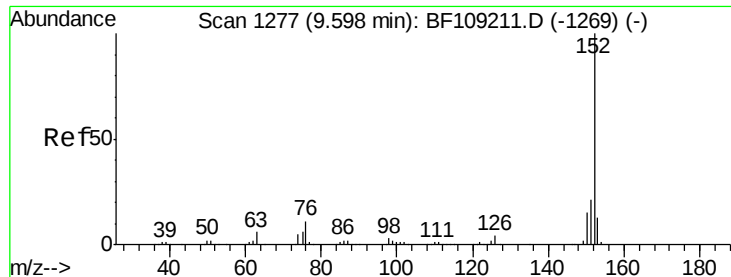


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 7.048 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

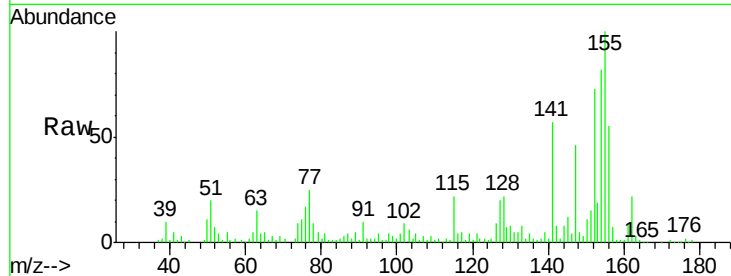
Instrument :

BNA_F

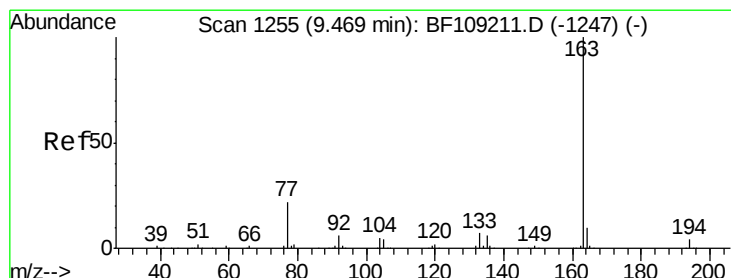
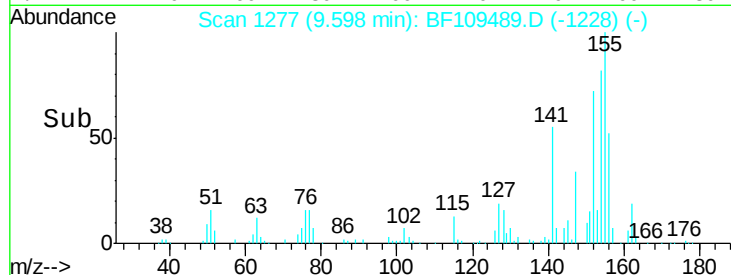
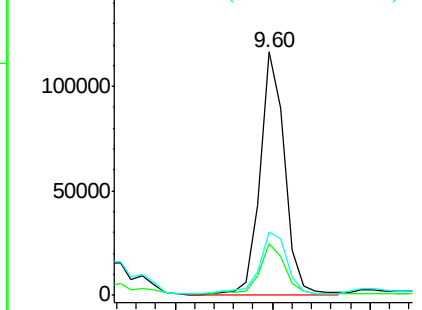
ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:	152	Resp:	100970
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	25.8	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: 18.705 ng

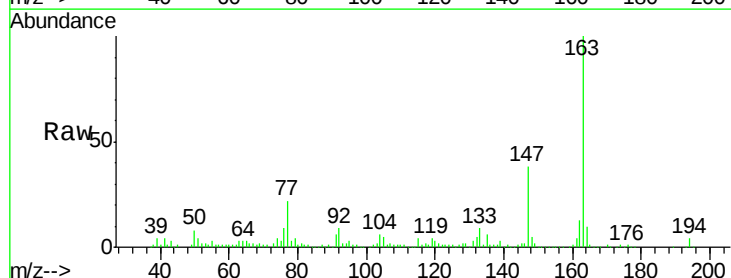
RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

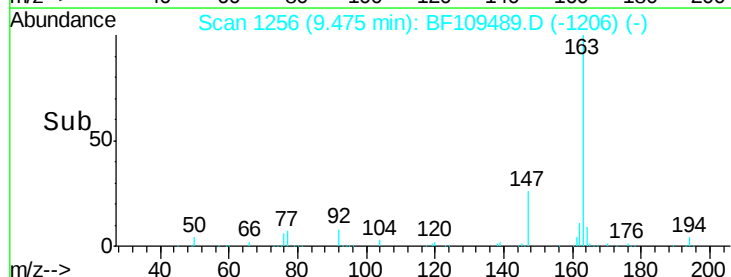
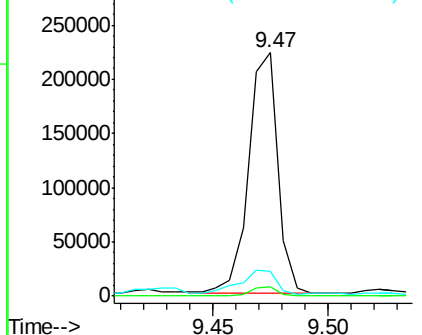
Lab File: BF109489.D

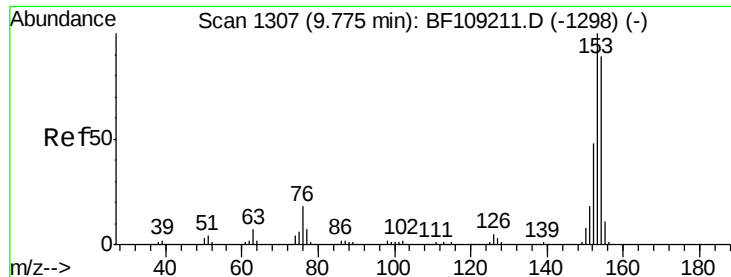
Acq: 1 Oct 2018 22:35

Tgt Ion:	163	Resp:	198495
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	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





#51

Acenaphthene

Concen: 103.435 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

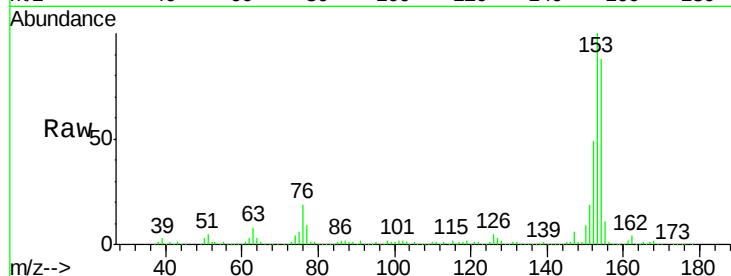
Tgt Ion:154 Resp: 895907

Ion Ratio Lower Upper

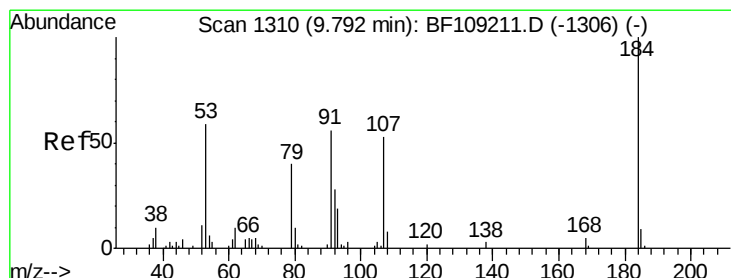
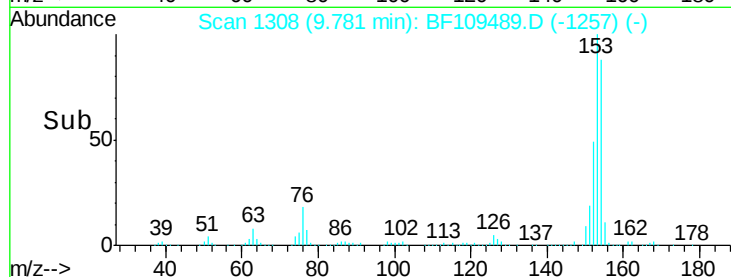
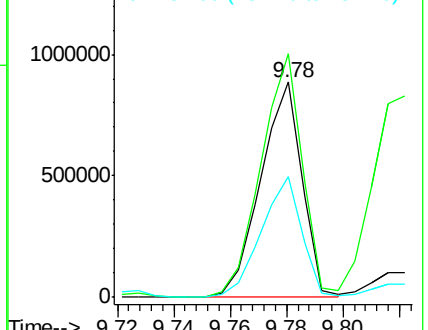
154 100

153 113.2 91.2 136.8

152 56.0 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 8.828 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.04 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

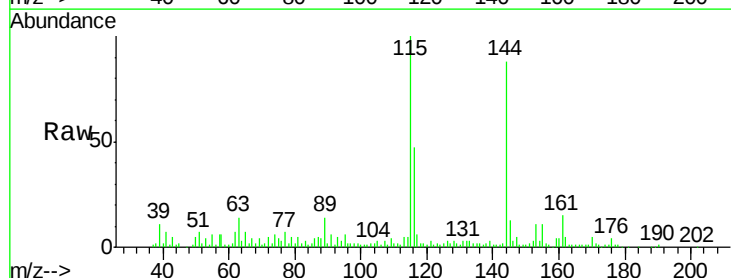
Tgt Ion:184 Resp: 272

Ion Ratio Lower Upper

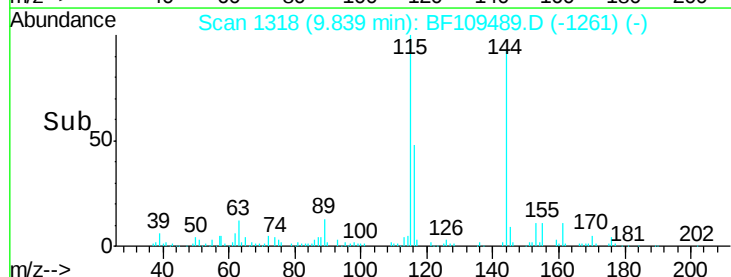
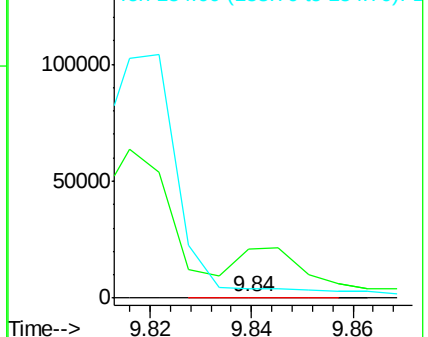
184 100

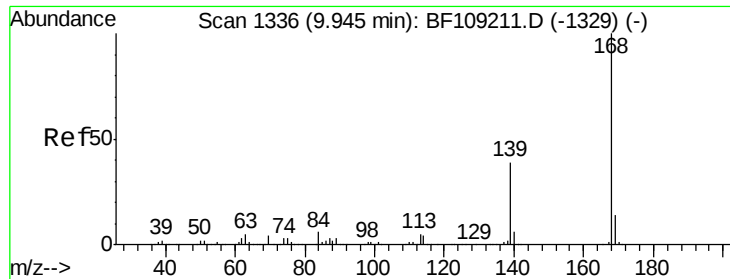
63 4993.8 54.2 81.2#

154 970.5 184.0 276.0#



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





#54

Dibenzofuran

Concen: 79.185 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

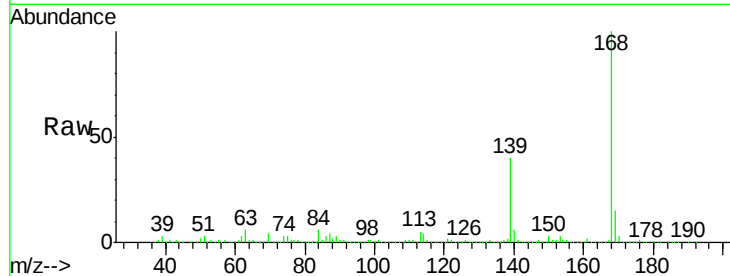
Tgt Ion:168 Resp: 1020010

Ion Ratio Lower Upper

168 100

139 40.4 30.1 45.1

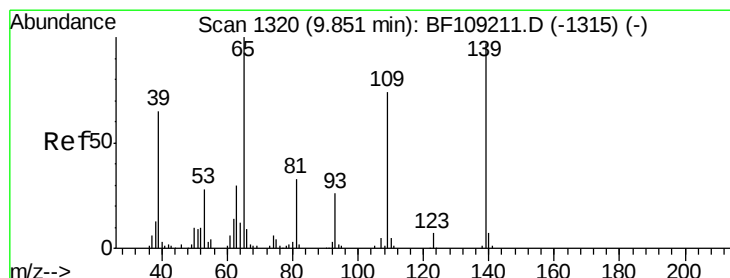
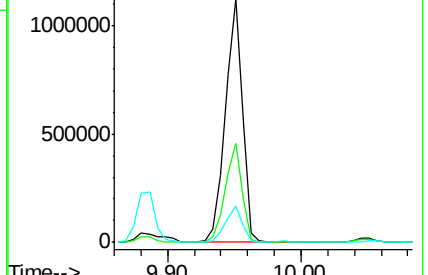
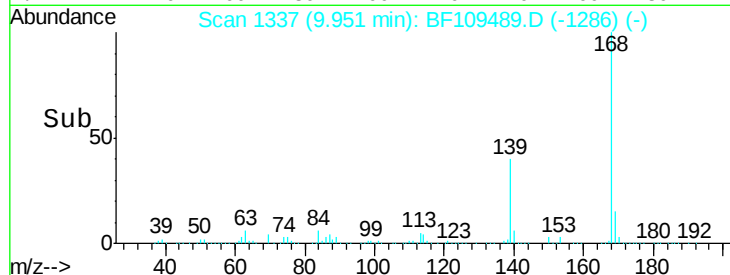
169 14.9 10.9 16.3



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: 13.390 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

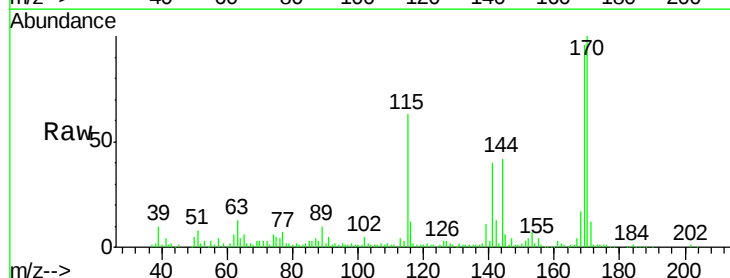
Tgt Ion:139 Resp: 24550

Ion Ratio Lower Upper

139 100

109 18.6 48.4 88.4#

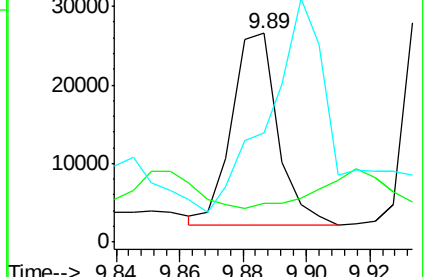
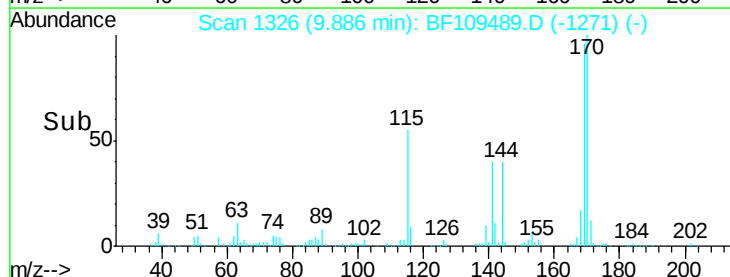
65 52.4 72.6 112.6#

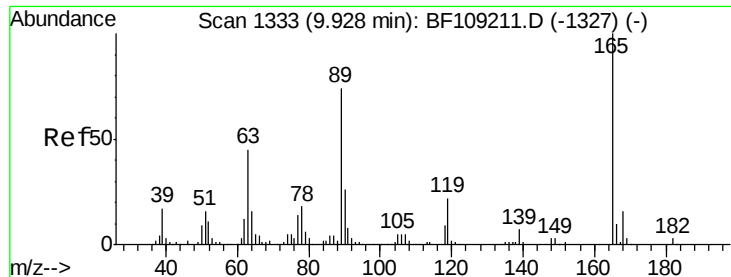


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

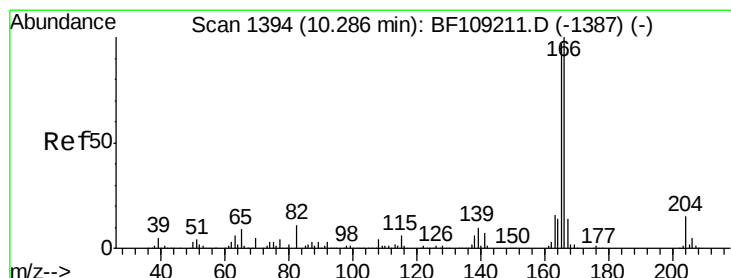
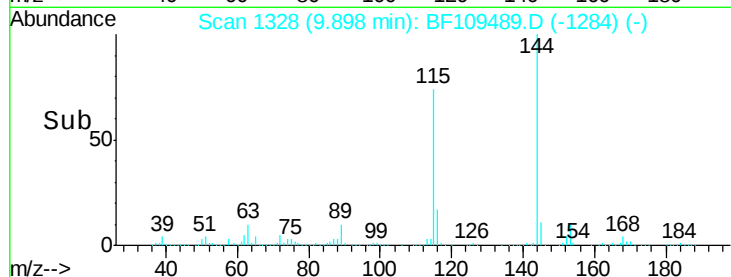
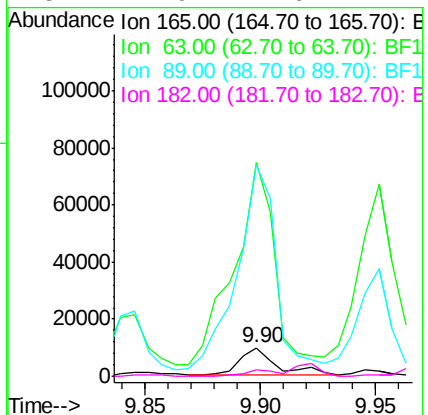
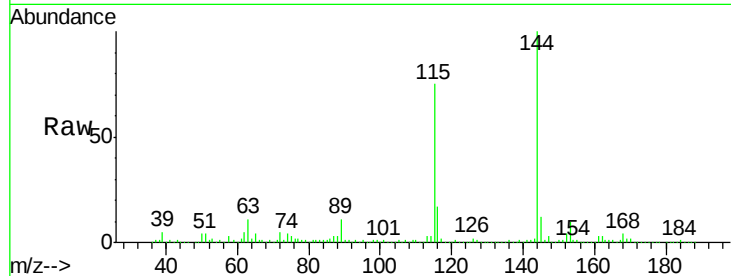




#56
2,4-Dinitrotoluene
Concen: 3.959 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

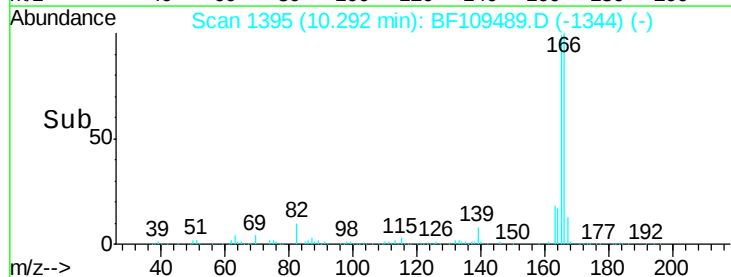
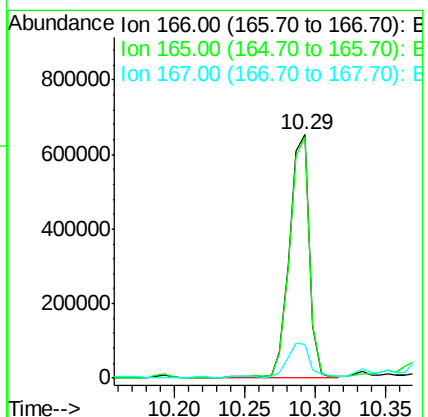
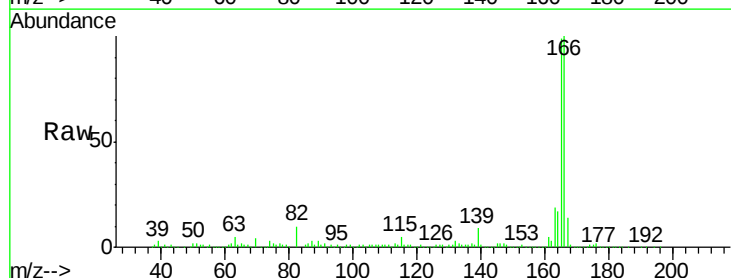
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

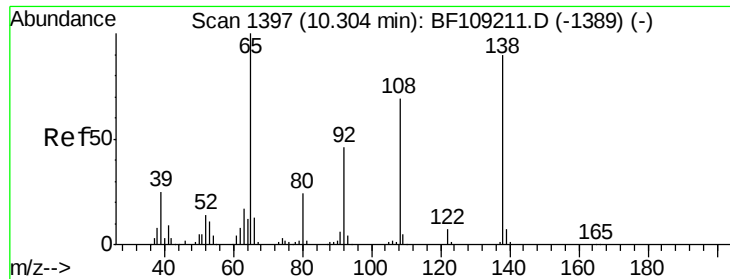
Tgt Ion:165 Resp: 10528
Ion Ratio Lower Upper
165 100
63 746.0 36.4 54.6#
89 735.8 57.8 86.6#
182 21.9 1.6 2.4#



#57
Fluorene
Concen: 69.433 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Tgt Ion:166 Resp: 638141
Ion Ratio Lower Upper
166 100
165 99.2 79.8 119.8
167 13.8 10.6 16.0

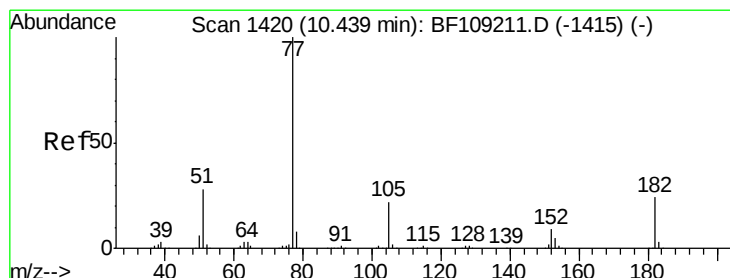
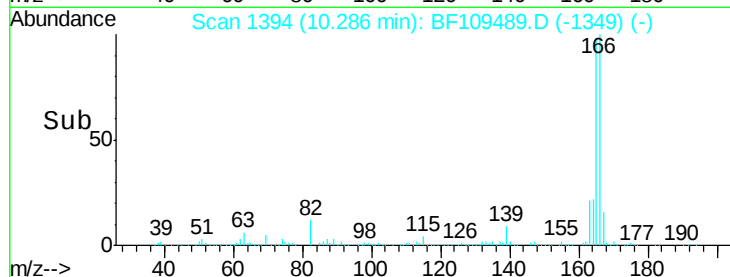
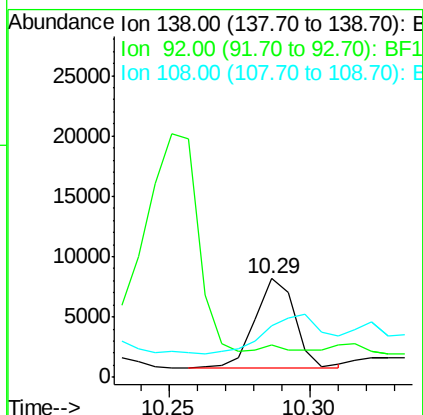
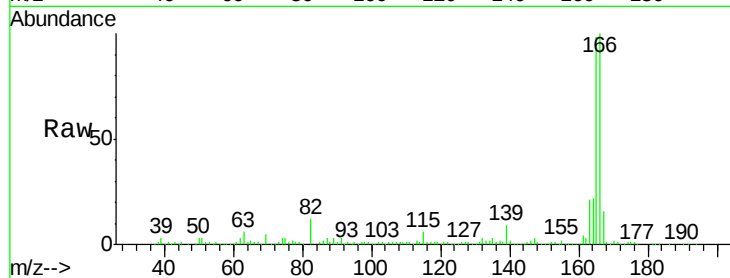




#61
4-Nitroaniline
Concen: 3.156 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

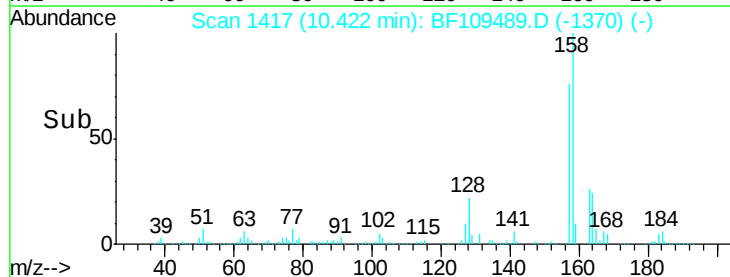
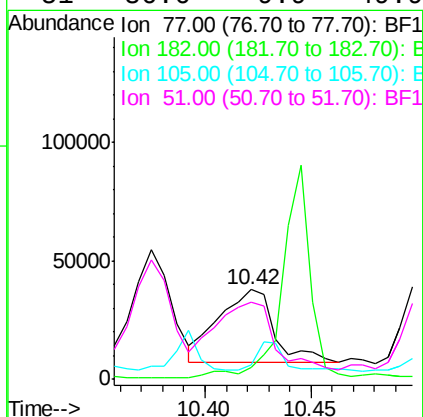
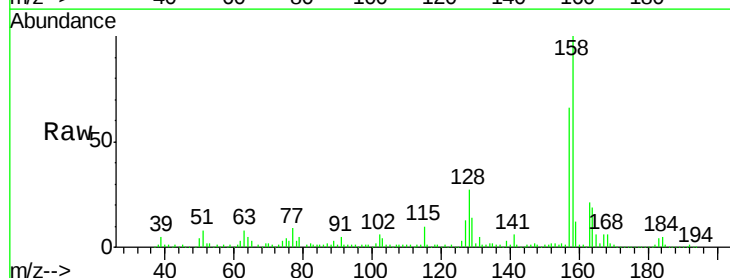
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

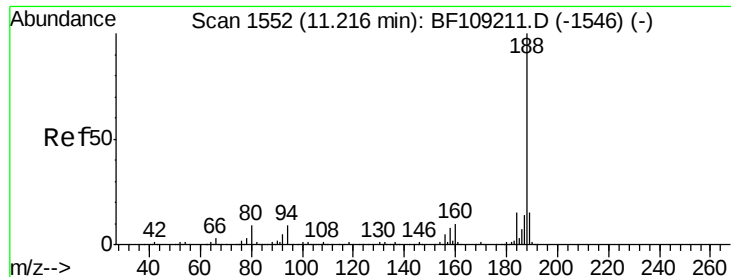
Tgt Ion: 138 Resp: 7490
Ion Ratio Lower Upper
138 100
92 32.8 30.2 70.2
108 52.6 52.5 92.5



#62
Azobenzene
Concen: 5.012 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Tgt Ion: 77 Resp: 55955
Ion Ratio Lower Upper
77 100
182 12.6 1.7 41.7
105 15.1 3.0 43.0
51 86.6 9.9 49.9#

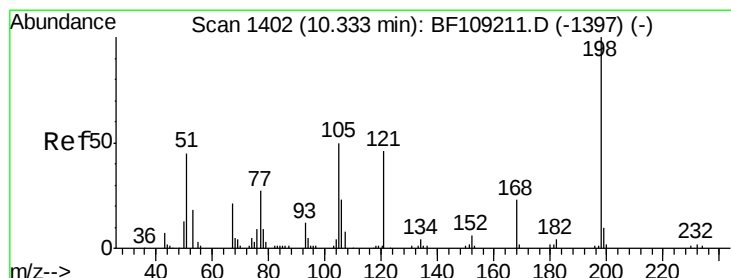
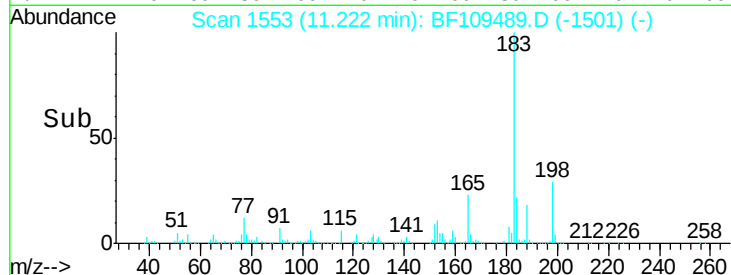
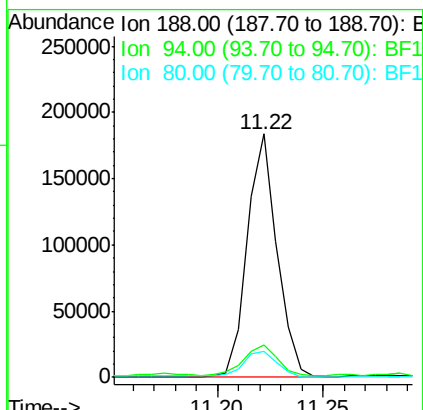
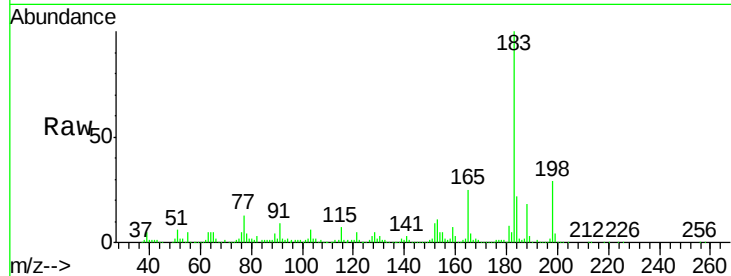




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

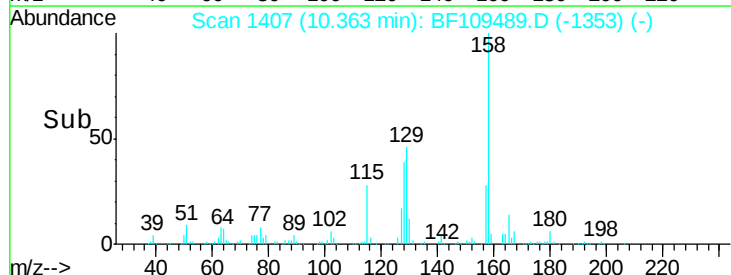
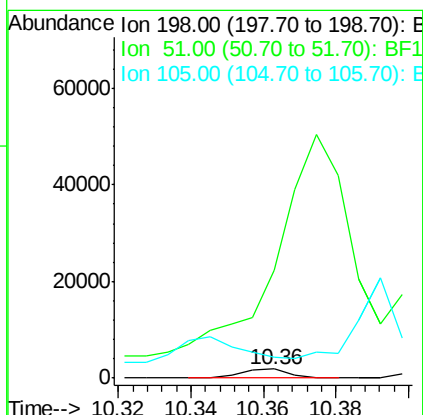
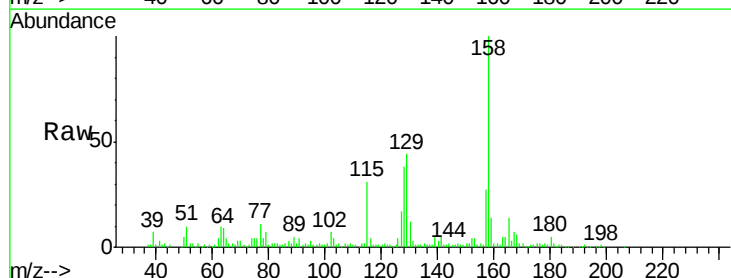
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

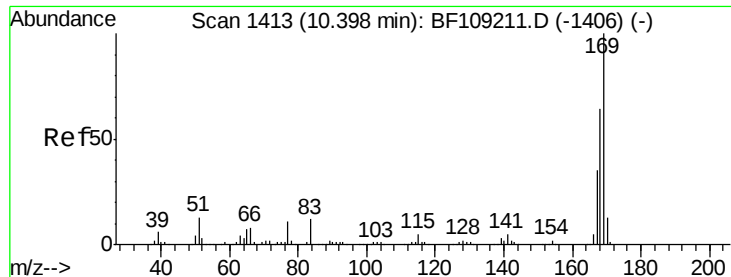
Tgt Ion:188 Resp: 178063
Ion Ratio Lower Upper
188 100
94 13.4 8.5 12.7#
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.517 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.02 min
Lab File: BF109489.D
Acq: 1 Oct 2018 22:35

Tgt Ion:198 Resp: 1647
Ion Ratio Lower Upper
198 100
51 1196.1 37.7 77.7#
105 228.4 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 3.090 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.25 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

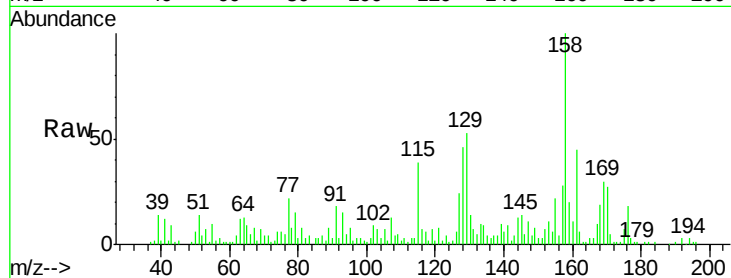
Tgt Ion:169 Resp: 18177

Ion Ratio Lower Upper

169 100

168 63.7 54.4 81.6

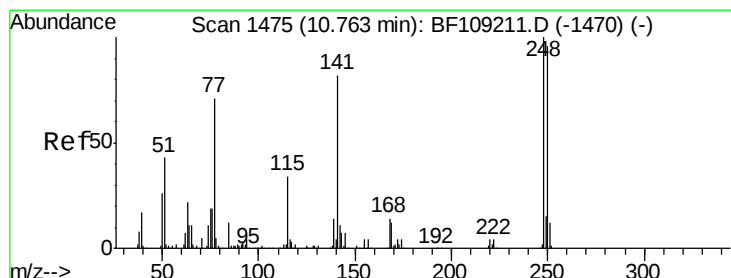
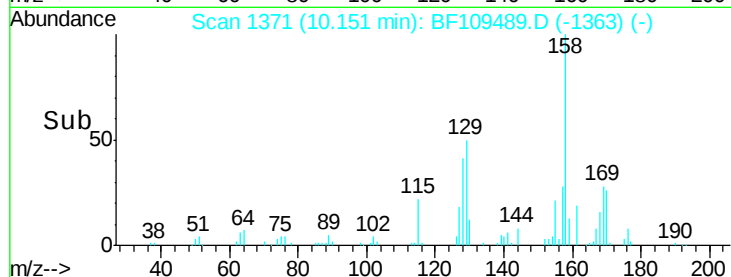
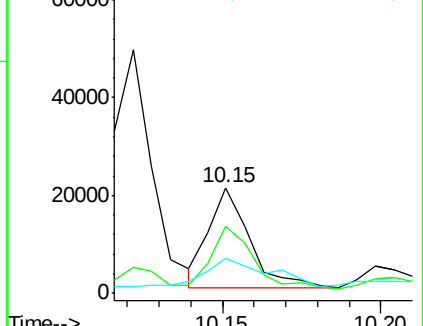
167 33.1 29.8 44.6



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: 4.220 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.24 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

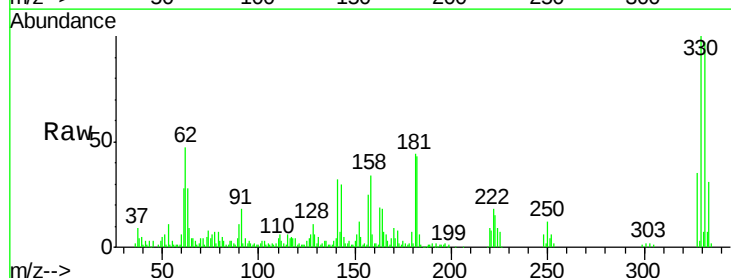
Tgt Ion:248 Resp: 8345

Ion Ratio Lower Upper

248 100

250 187.5 76.9 115.3#

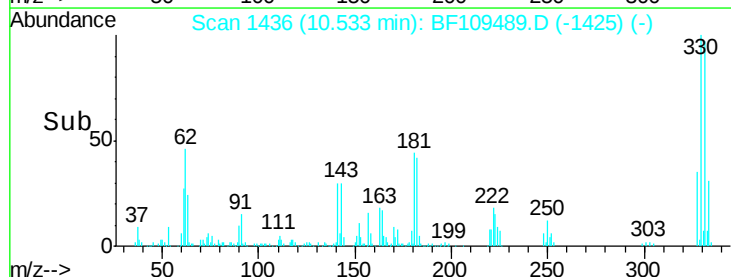
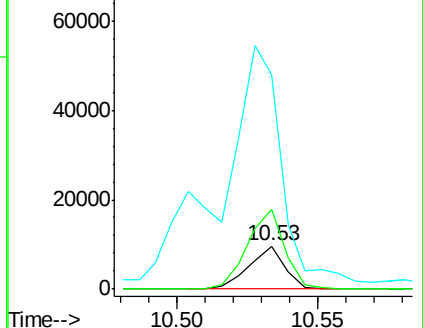
141 502.5 74.4 111.6#

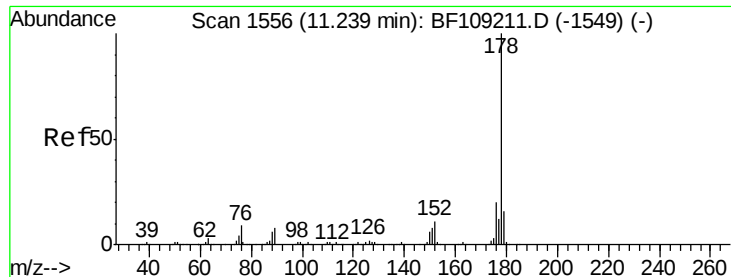


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 104.047 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

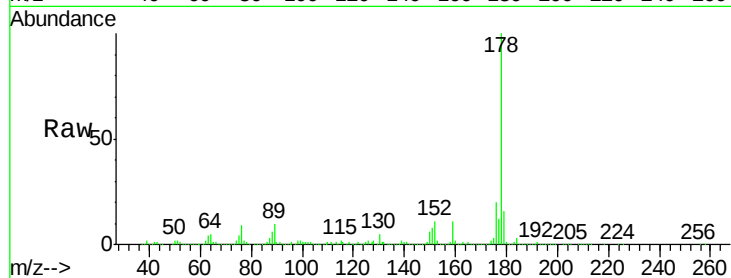
Tgt Ion:178 Resp: 925044

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

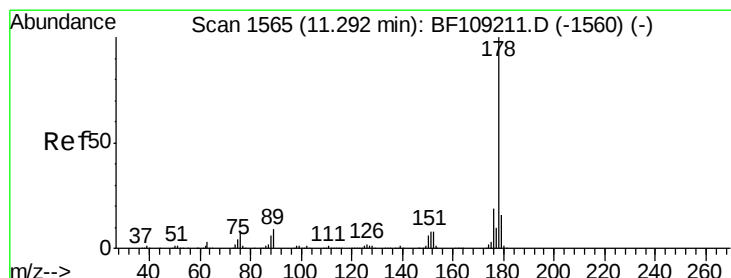
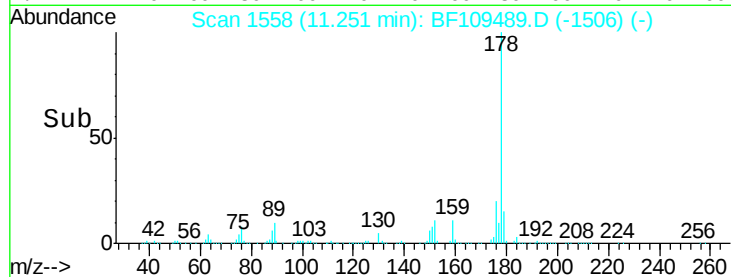
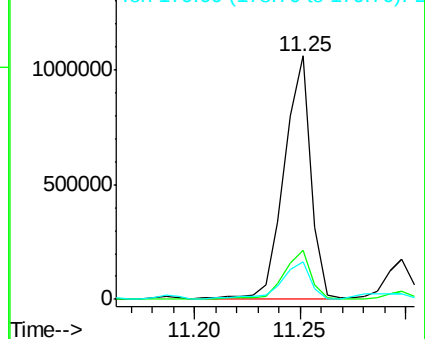
179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 16.026 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

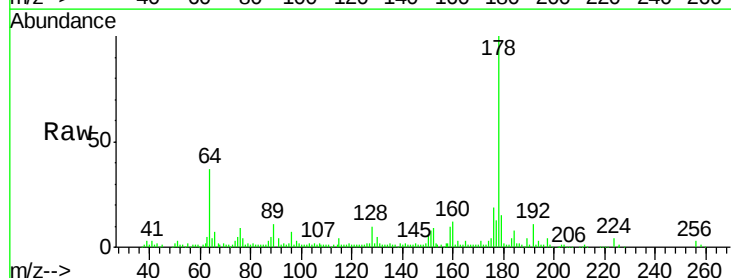
Tgt Ion:178 Resp: 144515

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

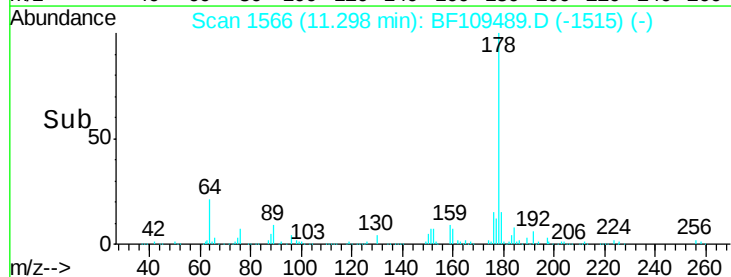
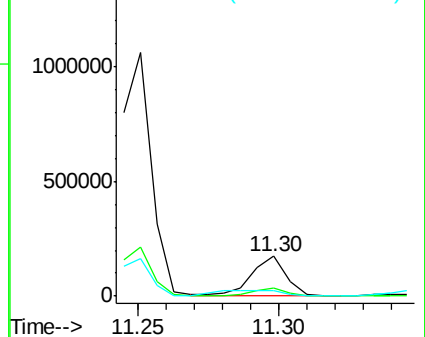
179 15.5 12.6 19.0

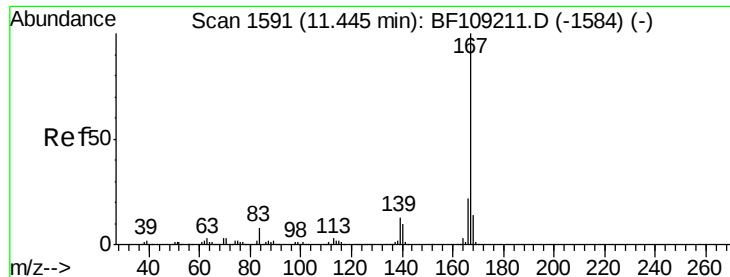


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 79.572 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

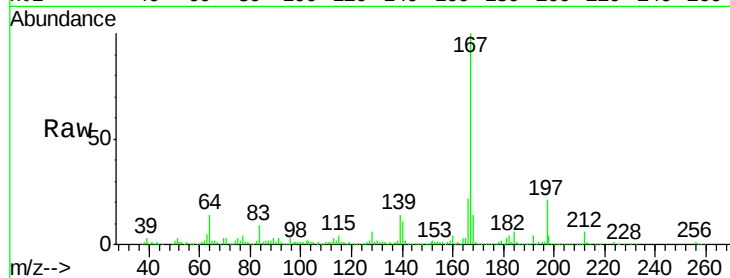
Tgt Ion:167 Resp: 713912

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

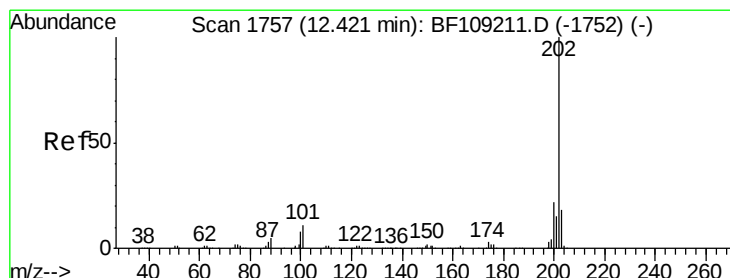
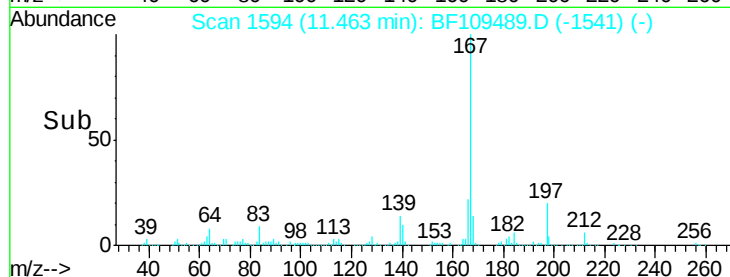
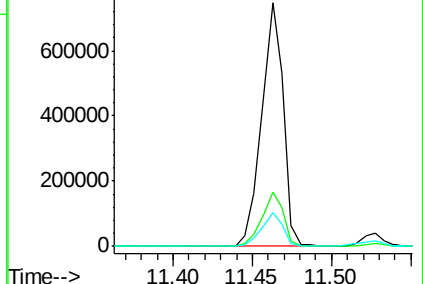
139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 10.525 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.02 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

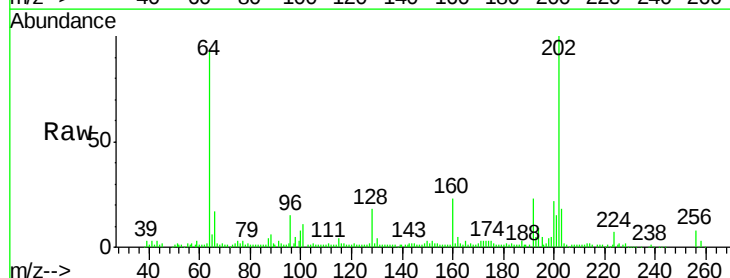
Tgt Ion:202 Resp: 99997

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

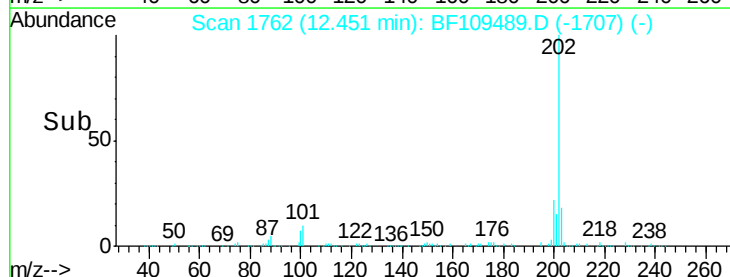
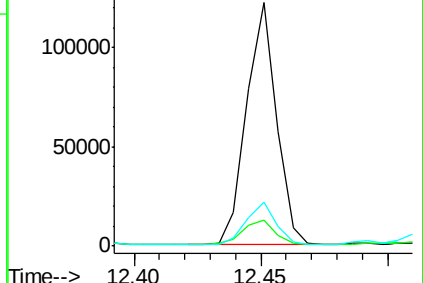
203 18.0 0.0 38.1

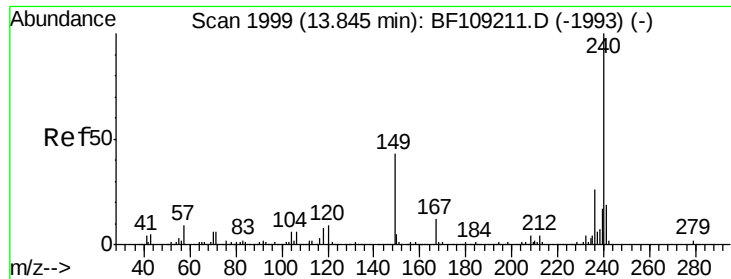


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Instrument :

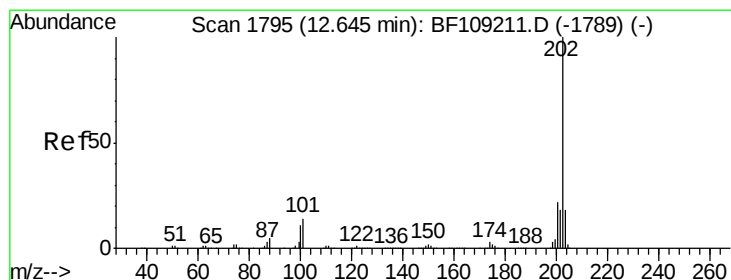
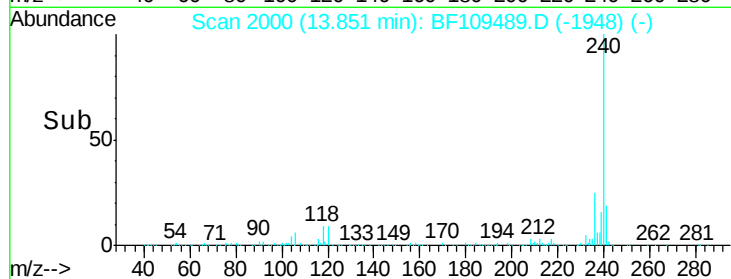
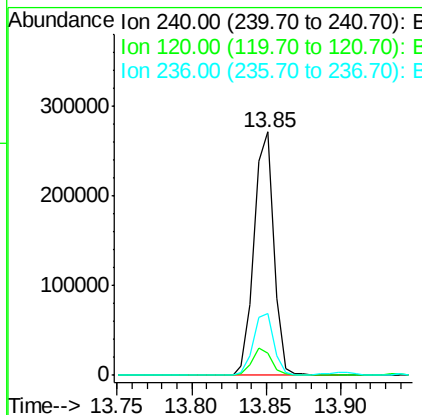
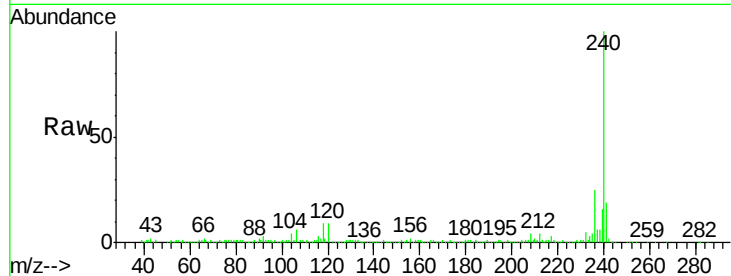
BNA_F

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:240 Resp: 246664

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.3	20.7	31.1



#77

Pyrene

Concen: 3.916 ng

RT: 12.66 min Scan# 1798

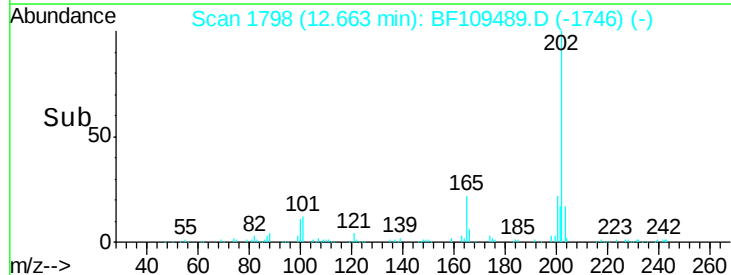
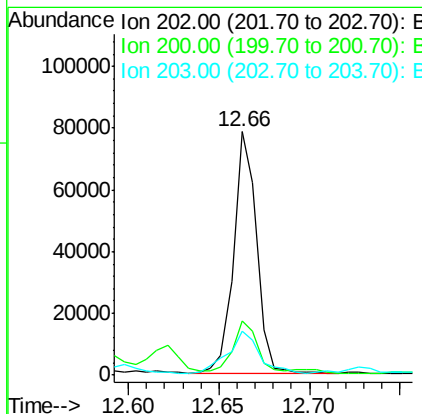
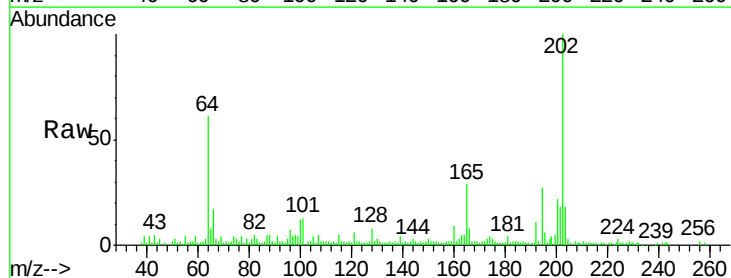
Delta R.T. 0.01 min

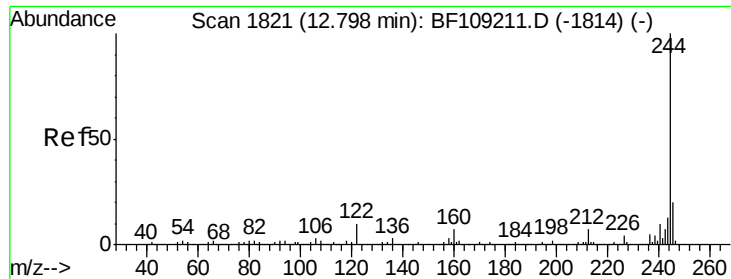
Lab File: BF109489.D

Acq: 1 Oct 2018 22:35

Tgt Ion:202 Resp: 69229

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.2	14.3	21.5

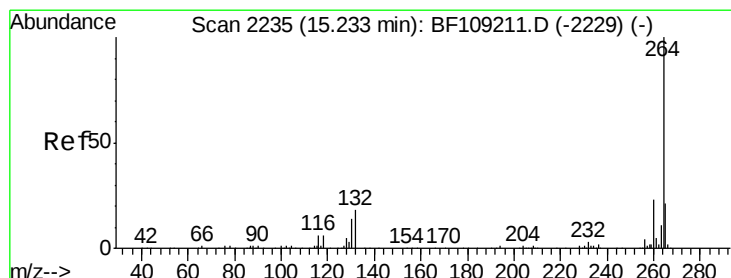
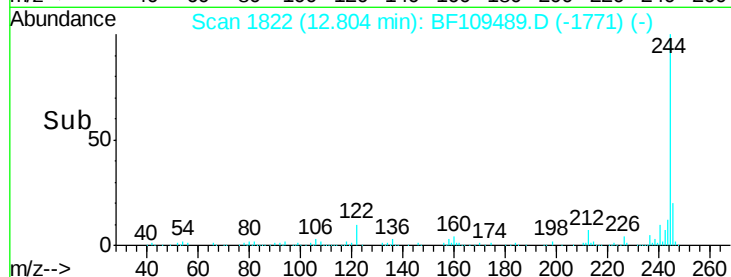
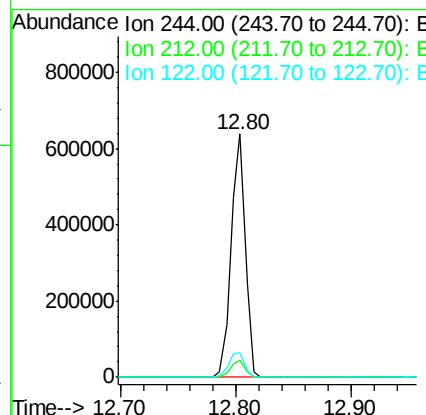
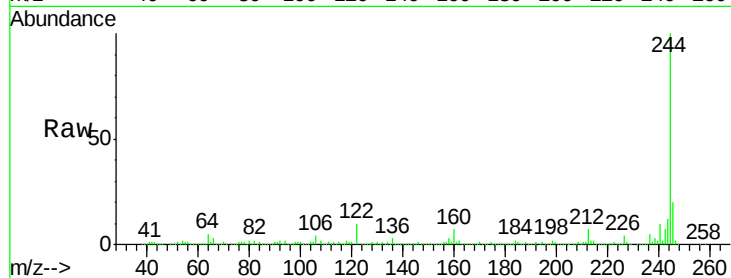




#78
 Terphenyl-d14
 Concen: 53.776 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion: 244 Resp: 540497
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109489.D
 Acq: 1 Oct 2018 22:35

Tgt Ion: 264 Resp: 172136
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.8 17.5 26.3

