

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081827.D
 Acq On : 26 Sep 2015 14:54
 Operator : UM/IZ
 Sample : G3654-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Quant Time: Sep 28 03:13:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	115648	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	263327	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	212967	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	404974	20.00	ng	0.00
75) Chrysene-d12	14.12	240	330641	20.00	ng	0.00
86) Perylene-d12	15.59	264	301517	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	192445	28.15	ng	-0.01
7) Phenol-d6	6.56	99	328932	38.04	ng	-0.01
23) Nitrobenzene-d5	7.51	82	625695	156.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	288720	156.15	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1086413	83.74	ng	-0.01
78) Terphenyl-d14	13.06	244	1114734	77.01	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	348573	68.19	ng	# 1
10) Phenol	6.57	94	57835	5.76	ng	74
17) 2-Methylphenol	7.19	107	62283	9.79	ng	# 83
18) Hexachloroethane	7.47	117	223074	75.96	ng	# 51
19) n-Nitroso-di-n-propylamine	7.51	70	98607	17.11	ng	# 59
20) 3+4-Methylphenols	7.34	107	94657	11.84	ng	# 78
22) Acetophenone	7.35	105	141731	24.54	ng	# 80
24) Nitrobenzene	7.55	77	31951	7.18	ng	# 2
25) Isophorone	7.99	82	21012	2.38	ng	# 1
27) 2,4-Dimethylphenol	7.90	122	121810	30.38	ng	# 83
28) bis(2-Chloroethoxy)methane	7.99	93	29991	5.81	ng	# 1
31) Naphthalene	8.31	128	12668330	1042.84	ng	# 88
32) Benzoic acid	7.97	122	43556	55.79	ng	# 1
33) 4-Chloroaniline	8.31	127	2118516	397.36	ng	# 37
35) Caprolactam	8.71	113	3062	3.07	ng	# 44
37) 2-Methylnaphthalene	8.95	142	2245718	259.41	ng	# 86
45) 1,1'-Biphenyl	9.41	154	855998	51.41	ng	93
47) 2-Nitroaniline	9.55	65	9293	2.61	ng	# 14
48) Acenaphthylene	9.85	152	2834964	125.05	ng	# 91
49) Dimethylphthalate	9.70	163	93086	5.74	ng	# 97
50) 2,6-Dinitrotoluene	9.68	165	13363	4.27	ng	# 86
51) Acenaphthene	10.02	154	814880	62.37	ng	# 88
53) 2,4-Dinitrophenol	10.13	184	1064	11.77	ng	# 1
55) 4-Nitrophenol	10.02	139	8388	3.59	ng	94
56) 2,4-Dinitrotoluene	10.16	165	12617	3.37	ng	# 67
57) Fluorene	10.54	166	886389	60.27	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	479	8.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	19012	4.22	ng	# 1
69) Pentachlorophenol	11.27	266	508	5.83	ng	98
70) Phenanthrene	11.54	178	365424	15.78	ng	96
71) Anthracene	11.54	178	365424	16.38	ng	97
72) Carbazole	11.70	167	73523	3.55	ng	96
74) Fluoranthene	12.69	202	441433	18.92	ng	87
77) Pyrene	12.91	202	571411	22.92	ng	96

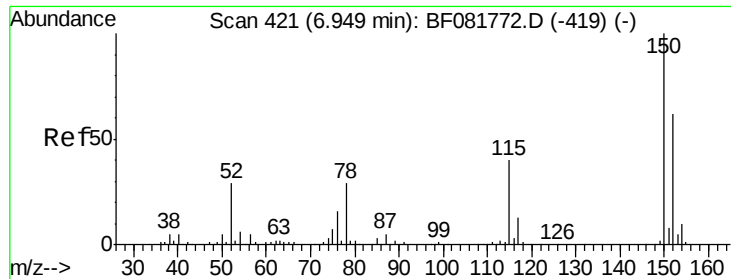
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081827.D
Acq On : 26 Sep 2015 14:54
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Sample : G3654-06
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.10	228	85329	4.26	ng	# 60
82) Chrysene	14.14	228	53826	2.80	ng	93
87) Benzo(b)fluoranthene	15.16	252	62037	3.47	ng	# 89
88) Benzo(k)fluoranthene	15.16	252	62037	3.60	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

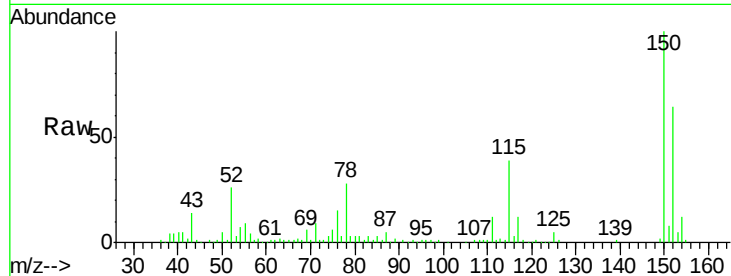
Tgt Ion:152 Resp: 115648

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

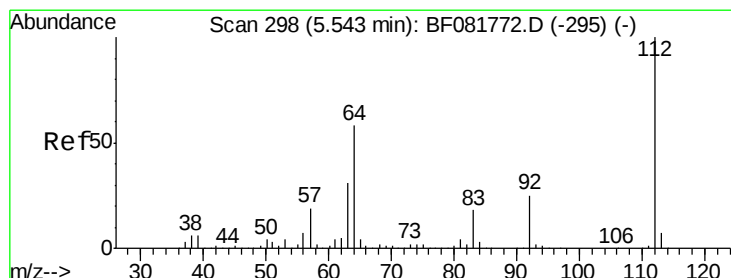
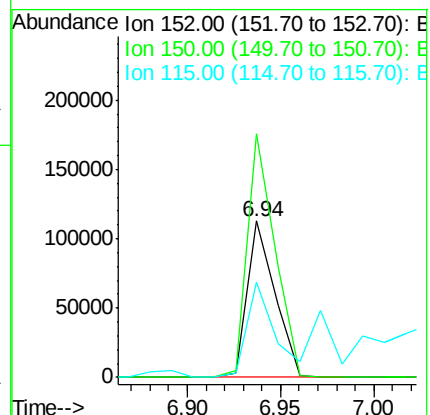
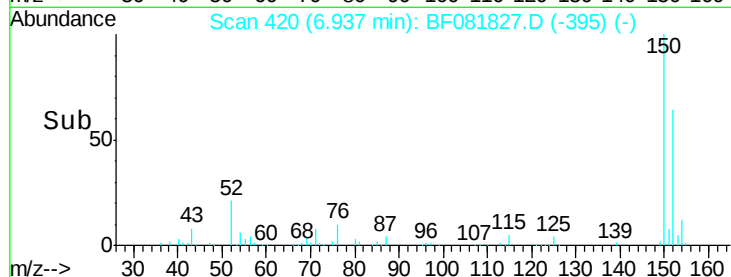
115 61.0 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 28.15 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

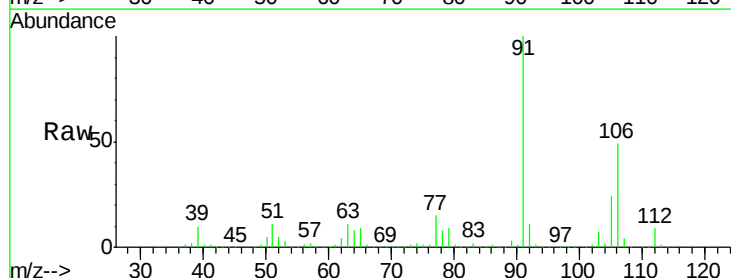
Tgt Ion:112 Resp: 192445

Ion Ratio Lower Upper

112 100

64 89.3 39.7 59.5#

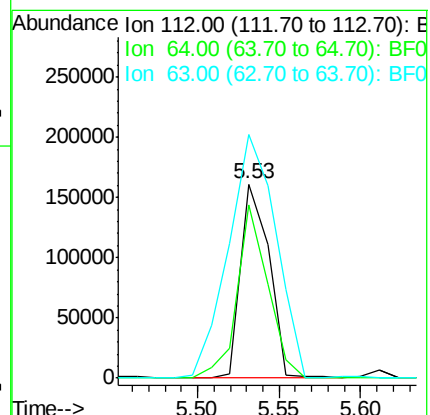
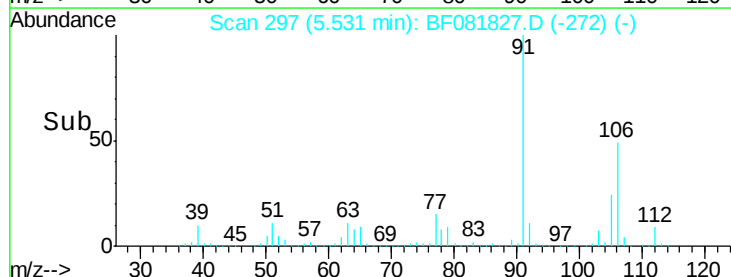
63 125.4 17.4 26.0#

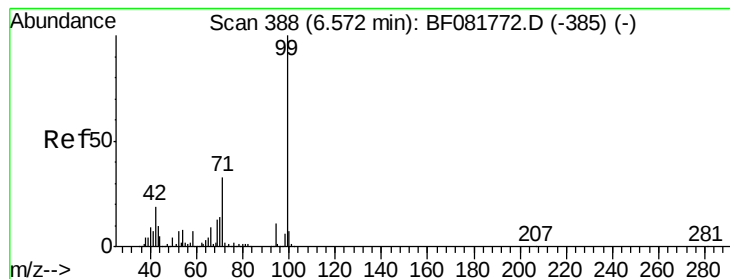


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.04 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

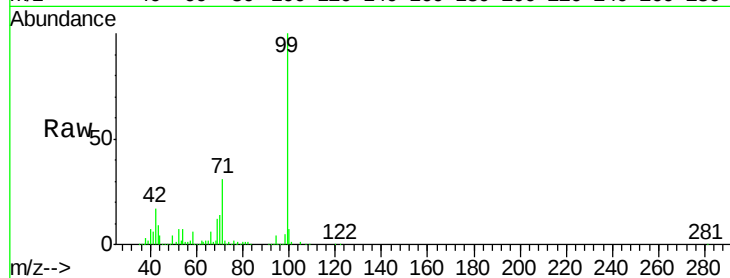
Tgt Ion: 99 Resp: 328932

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

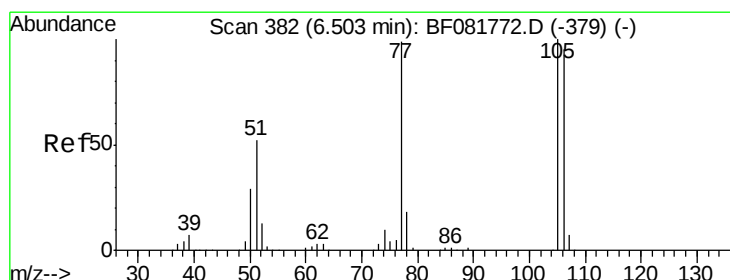
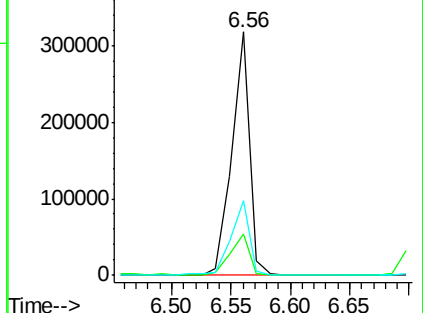
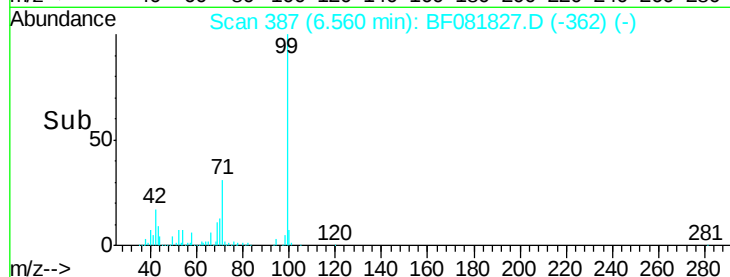
71 30.8 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 68.19 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

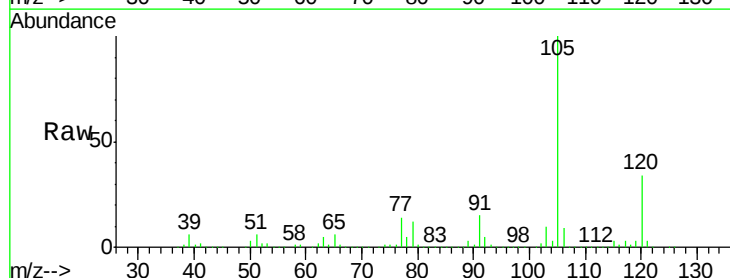
Tgt Ion: 77 Resp: 348573

Ion Ratio Lower Upper

77 100

105 710.7 91.6 131.6#

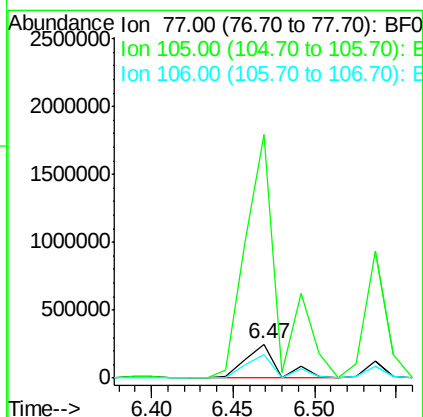
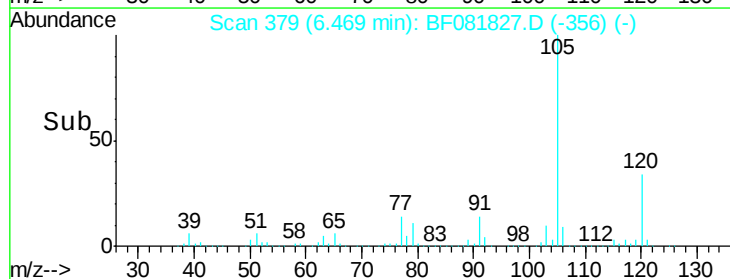
106 67.4 102.6 142.6#

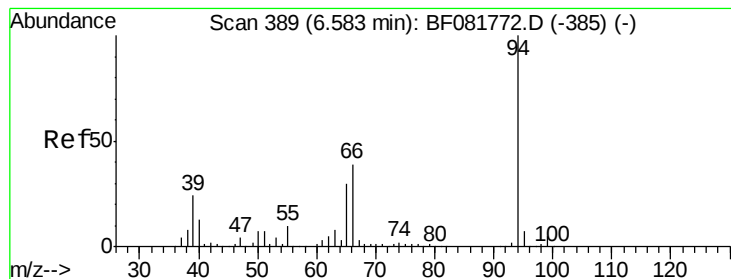


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 5.76 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

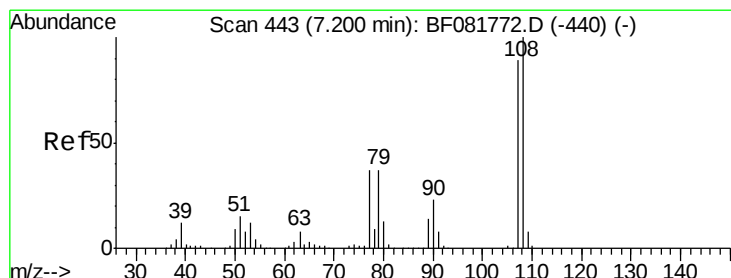
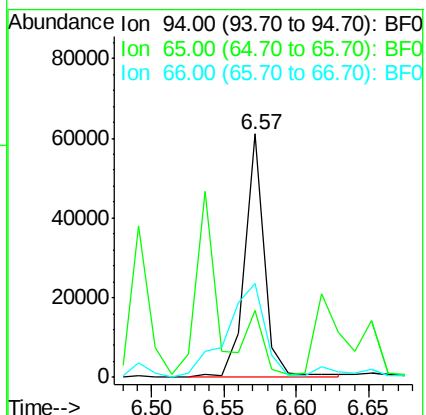
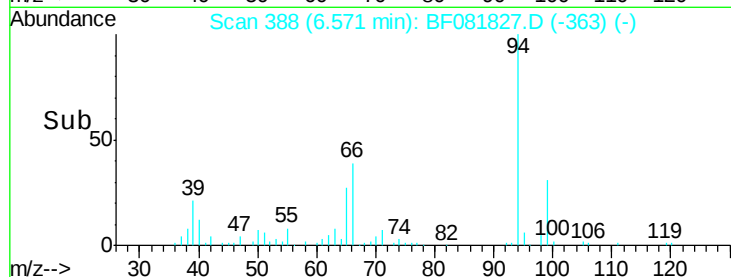
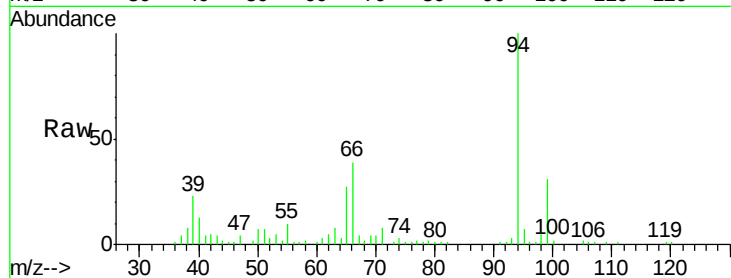
Tgt Ion: 94 Resp: 57835

Ion Ratio Lower Upper

94 100

65 27.5 0.7 40.7

66 38.7 0.8 40.8



#17

2-Methylphenol

Concen: 9.79 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Tgt Ion: 107 Resp: 62283

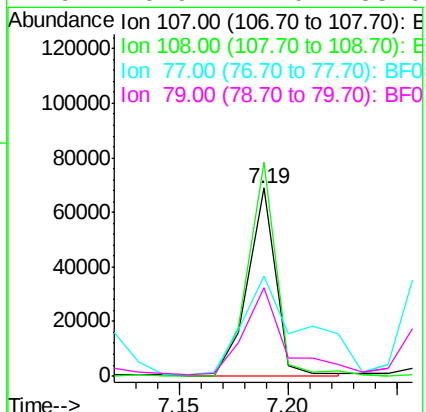
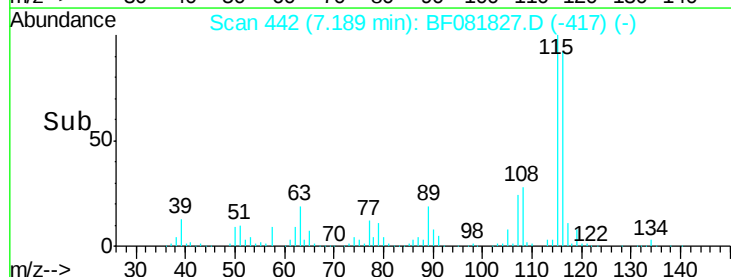
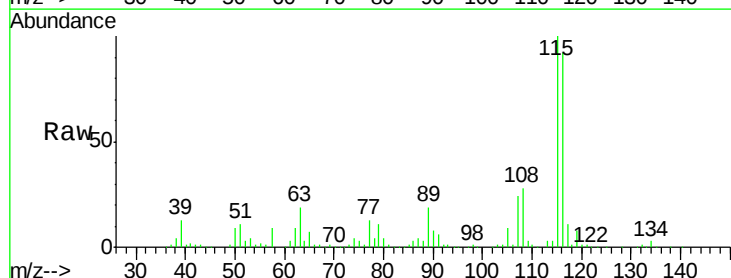
Ion Ratio Lower Upper

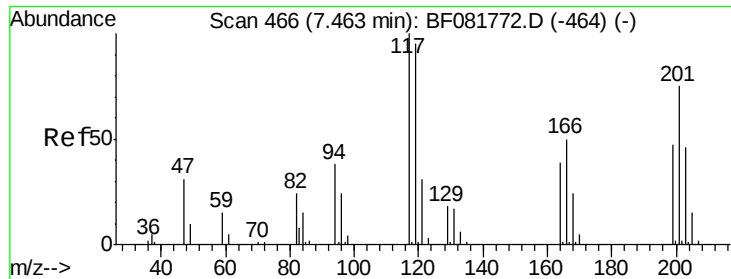
107 100

108 113.7 96.6 145.0

77 53.0 23.3 34.9#

79 46.9 22.0 33.0#

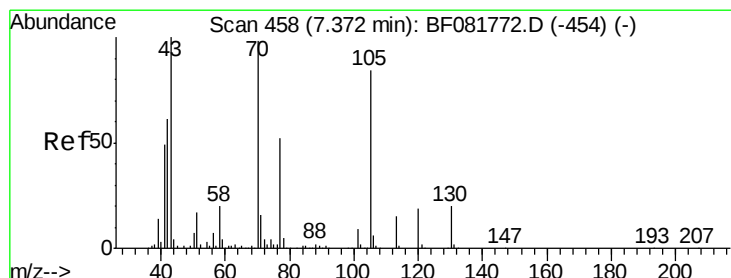
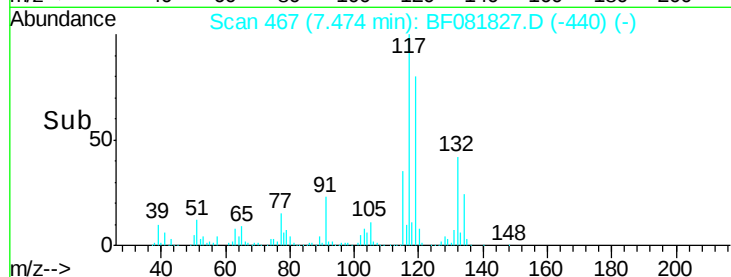
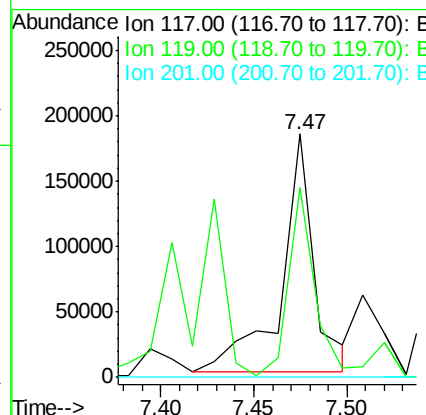
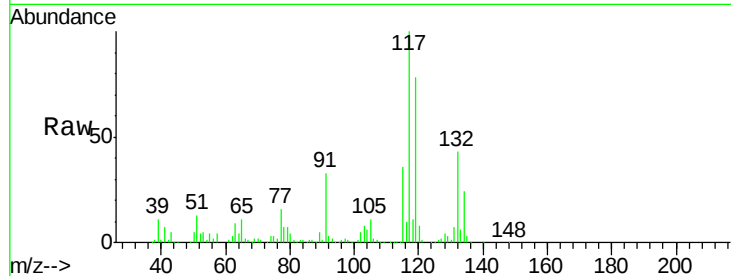




#18
Hexachloroethane
Concen: 75.96 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

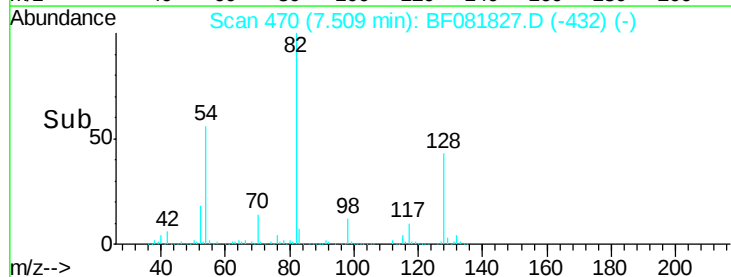
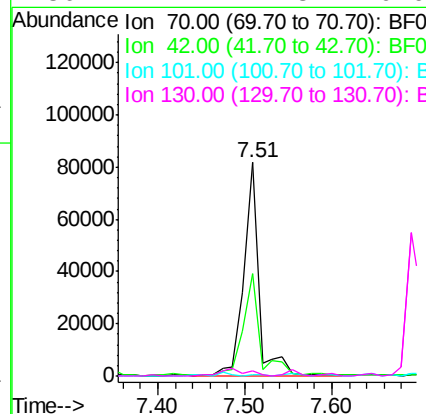
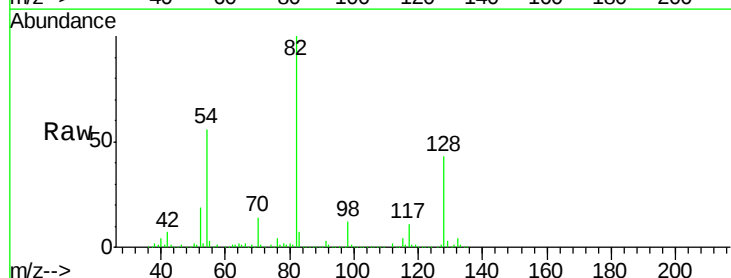
Instrument :
BNA_F
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MW-7BD

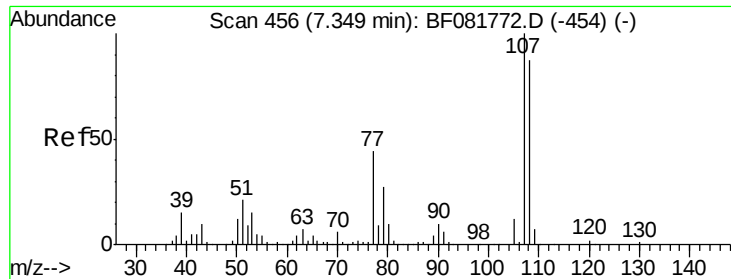
Tgt Ion:117 Resp: 223074
Ion Ratio Lower Upper
117 100
119 78.2 83.8 125.6#
201 0.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

Tgt Ion: 70 Resp: 98607
Ion Ratio Lower Upper
70 100
42 47.8 63.8 95.6#
101 0.5 9.2 13.8#
130 2.4 27.3 40.9#





#20

3+4-Methylphenols

Concen: 11.84 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

Tgt Ion:107 Resp: 94657

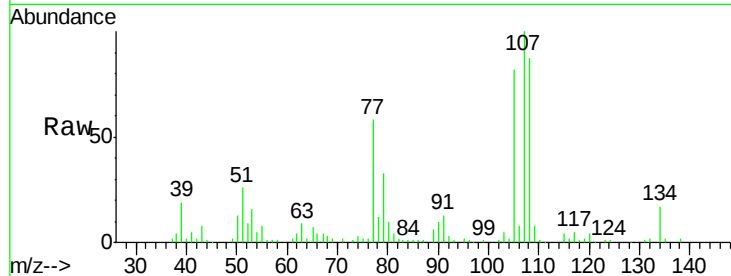
Ion Ratio Lower Upper

107 100

108 87.3 74.6 114.6

77 57.8 0.7 40.7#

79 33.2 0.0 38.9

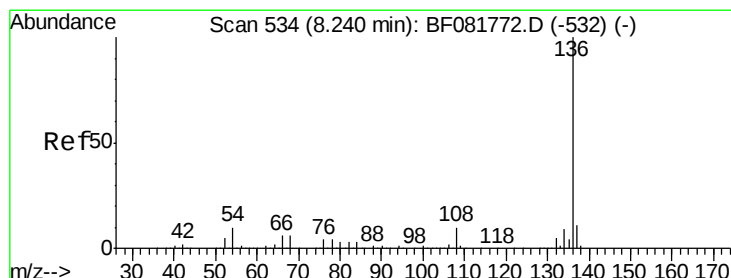
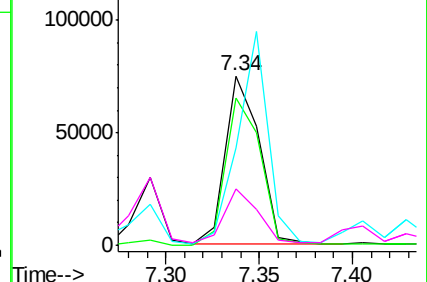
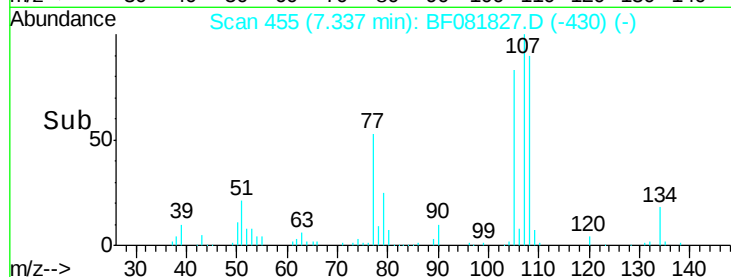


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Tgt Ion:136 Resp: 263327

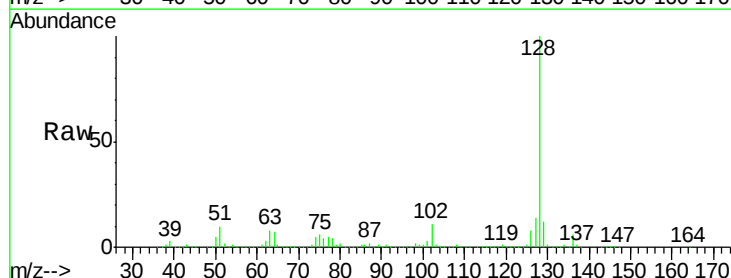
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.7 8.2 12.2

68 6.4 5.8 8.6

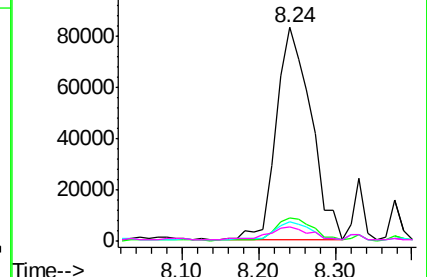
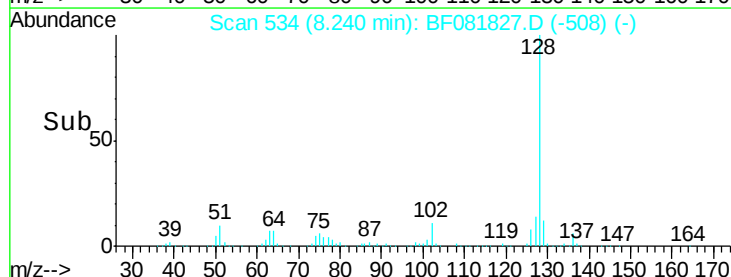


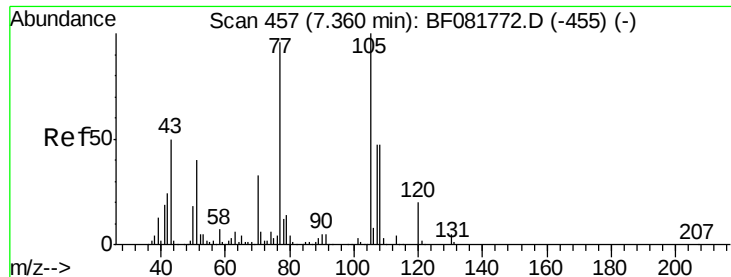
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 24.54 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

Tgt Ion:105 Resp: 141731

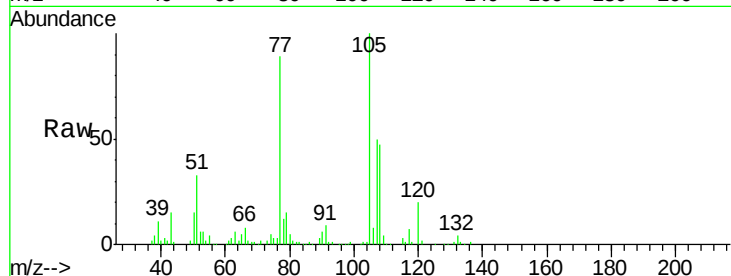
Ion Ratio Lower Upper

105 100

71 2.1 4.7 7.1#

51 33.2 22.0 33.0#

120 20.3 30.1 45.1#

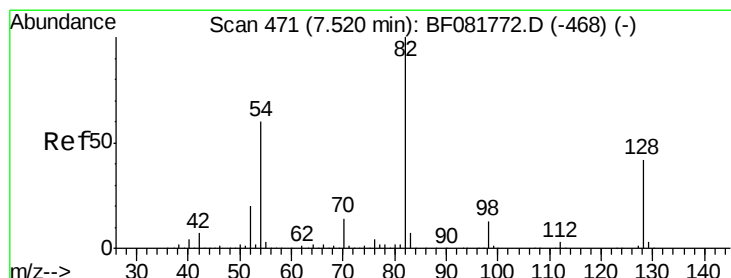
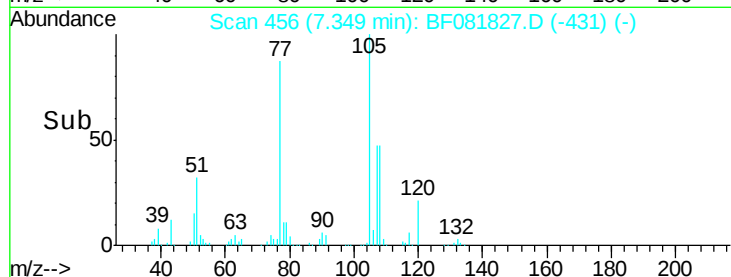
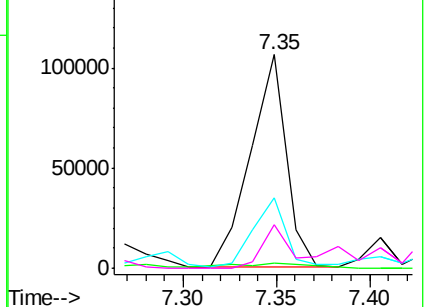


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 156.78 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

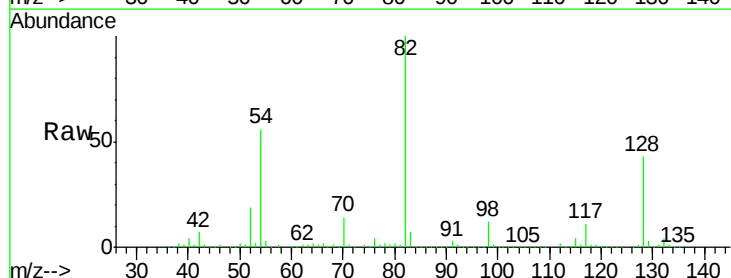
Tgt Ion: 82 Resp: 625695

Ion Ratio Lower Upper

82 100

128 43.4 51.0 76.6#

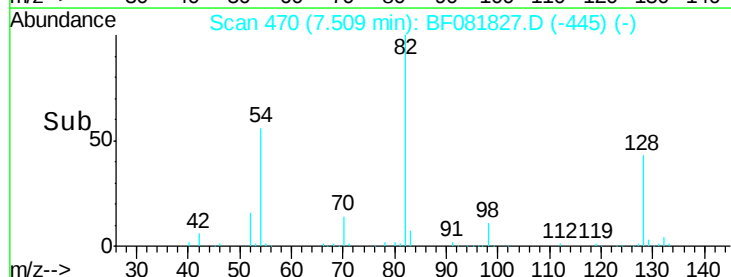
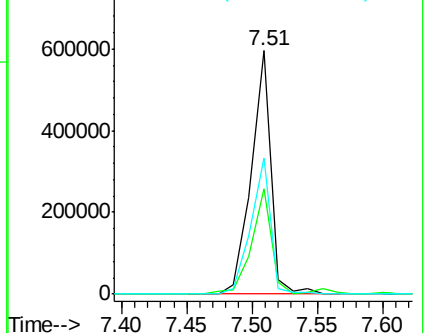
54 55.8 47.5 71.3

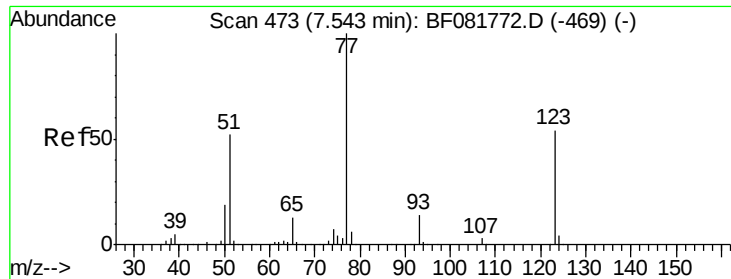


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

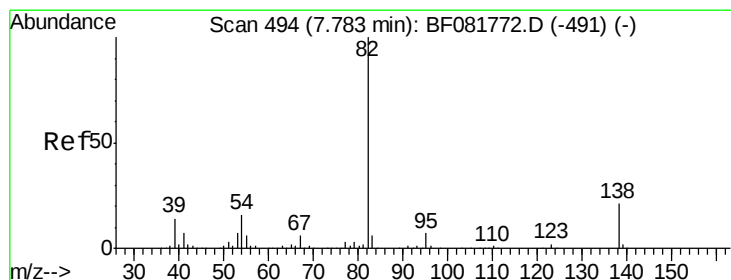
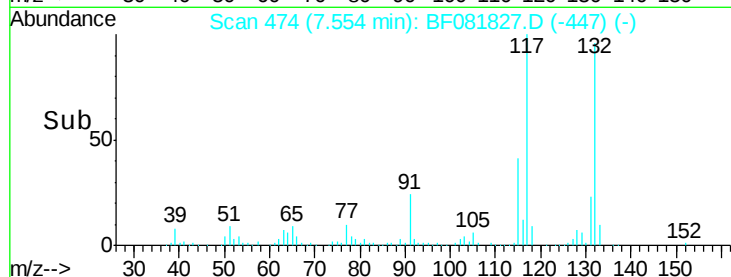
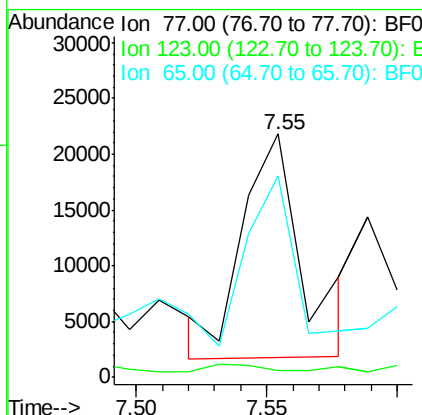
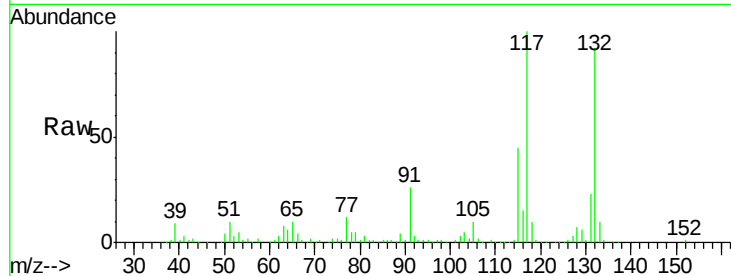




#24
 Nitrobenzene
 Concen: 7.18 ng
 RT: 7.55 min Scan# 474
 Delta R.T. 0.01 min
 Lab File: BF081827.D
 Acq: 26 Sep 2015 14:54

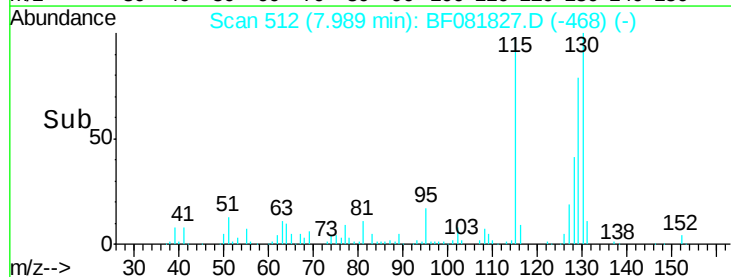
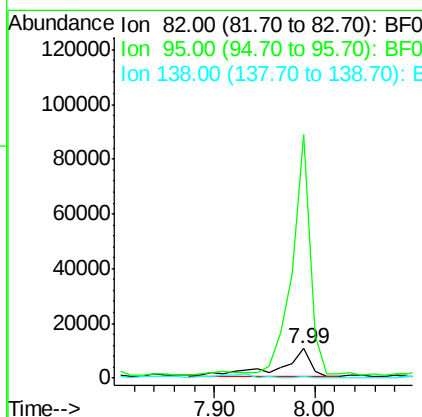
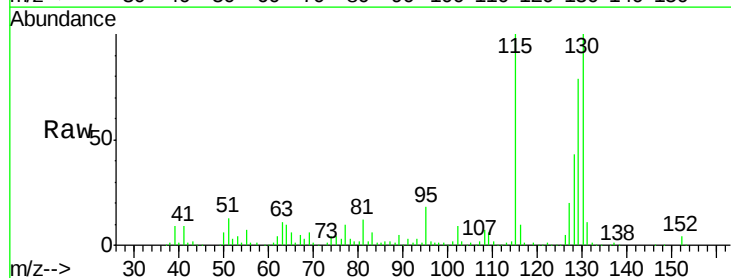
Instrument :
 BNA_F
 ClientSampled :
 MW-7BD

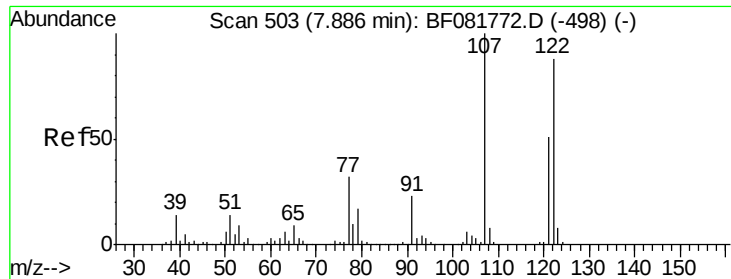
Tgt Ion: 77 Resp: 31951
 Ion Ratio Lower Upper
 77 100
 123 2.6 59.8 89.8#
 65 82.5 10.2 15.4#



#25
 Isophorone
 Concen: 2.38 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.21 min
 Lab File: BF081827.D
 Acq: 26 Sep 2015 14:54

Tgt Ion: 82 Resp: 21012
 Ion Ratio Lower Upper
 82 100
 95 831.0 4.0 6.0#
 138 4.8 18.3 27.5#





#27

2,4-Dimethylphenol

Concen: 30.38 ng

RT: 7.90 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

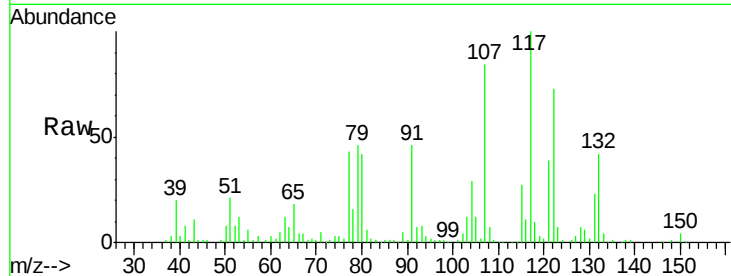
Tgt Ion:122 Resp: 121810

Ion Ratio Lower Upper

122 100

107 114.8 71.8 107.6#

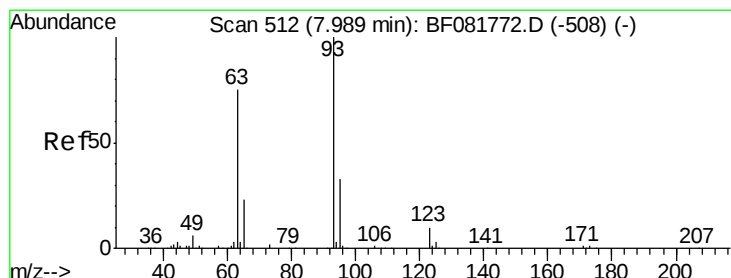
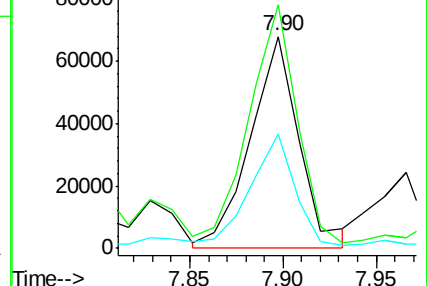
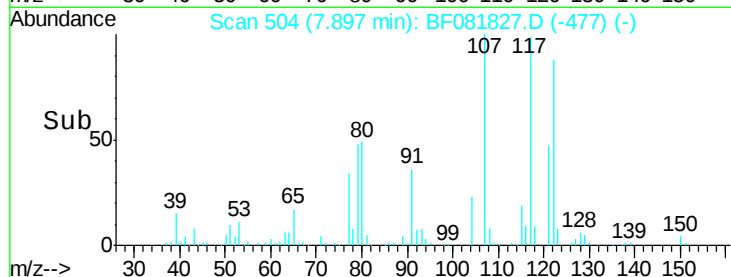
121 53.7 42.3 63.5



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: 5.81 ng

RT: 7.99 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

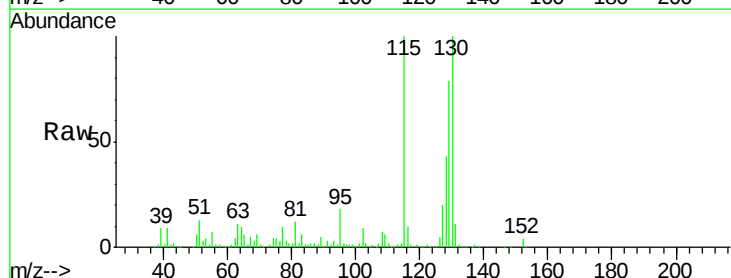
Tgt Ion: 93 Resp: 29991

Ion Ratio Lower Upper

93 100

95 627.1 27.5 41.3#

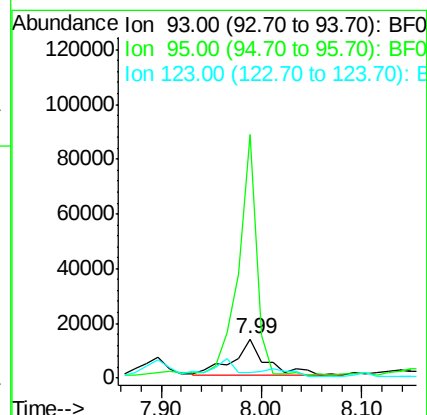
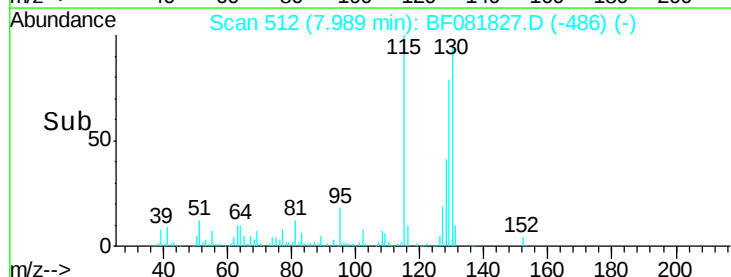
123 12.7 13.7 20.5#

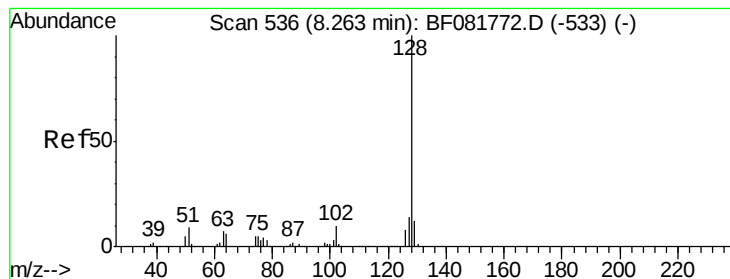


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 1042.84 ng

RT: 8.31 min Scan# 540

Delta R.T. 0.05 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

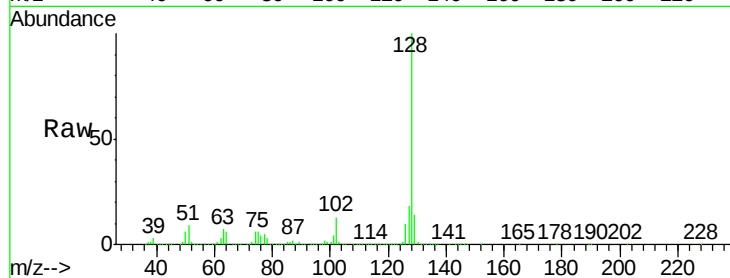
Tgt Ion:128 Resp:12668330

Ion Ratio Lower Upper

128 100

129 14.4 8.4 12.6#

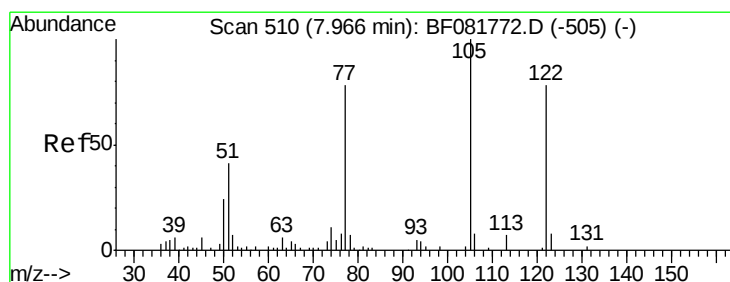
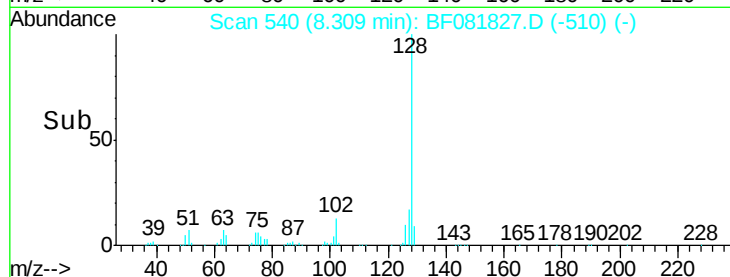
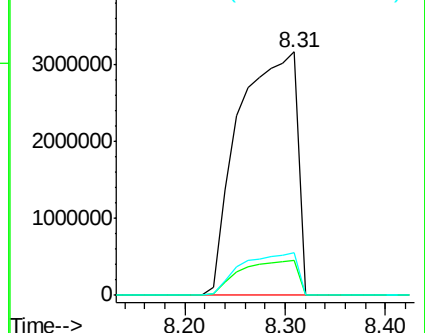
127 17.8 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.79 ng

RT: 7.97 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

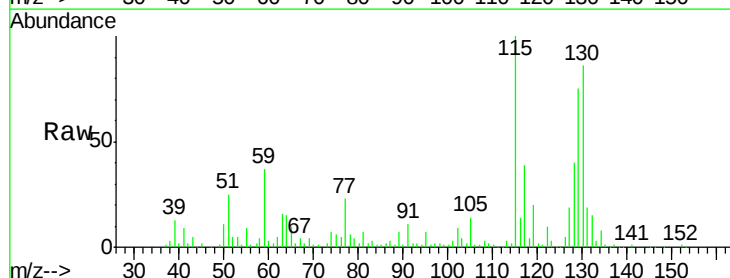
Tgt Ion:122 Resp: 43556

Ion Ratio Lower Upper

122 100

105 132.3 76.1 116.1#

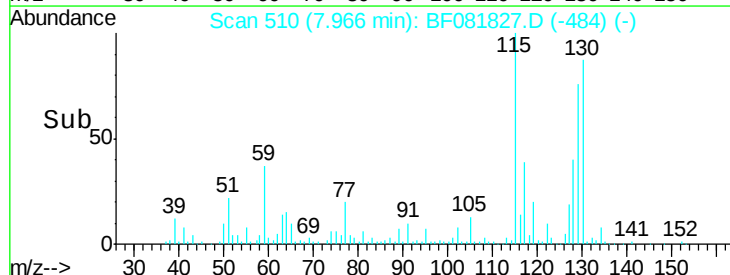
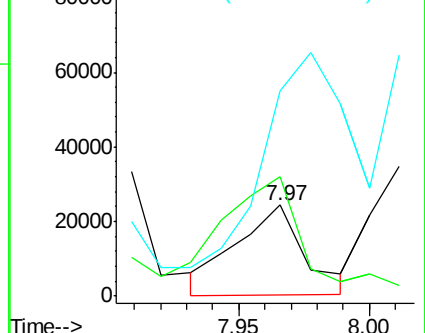
77 225.9 40.5 80.5#

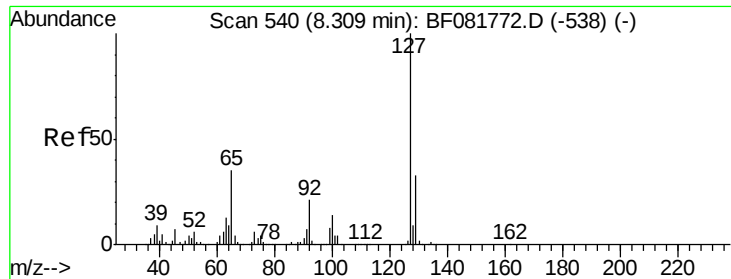


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

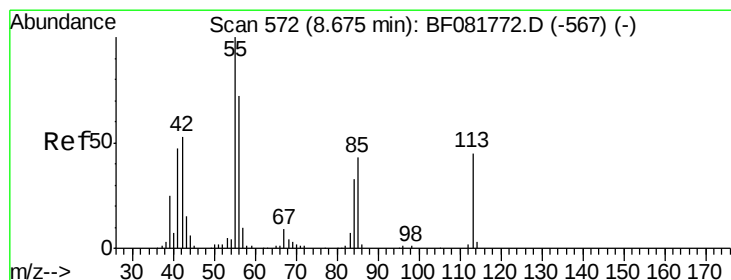
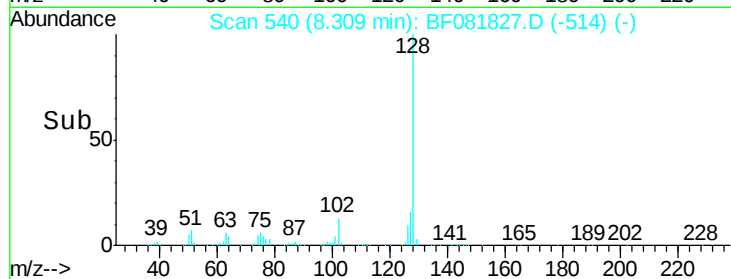
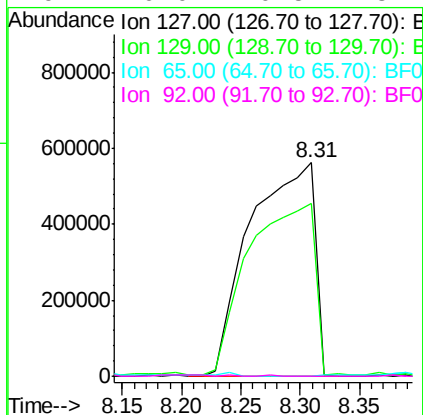
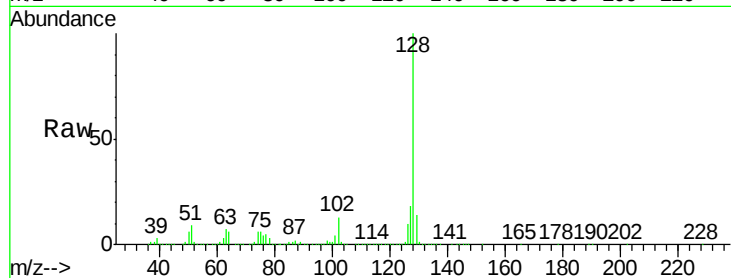




#33
4-Chloroaniline
Concen: 397.36 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

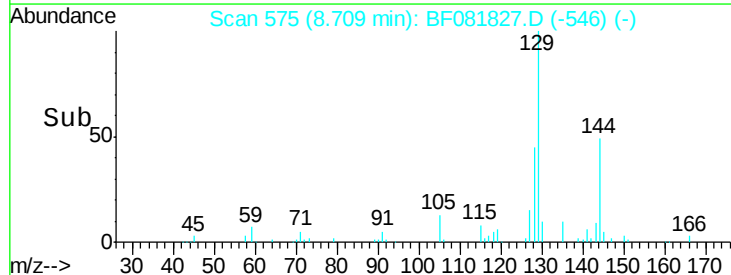
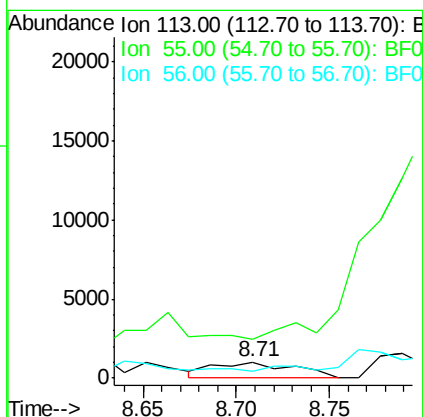
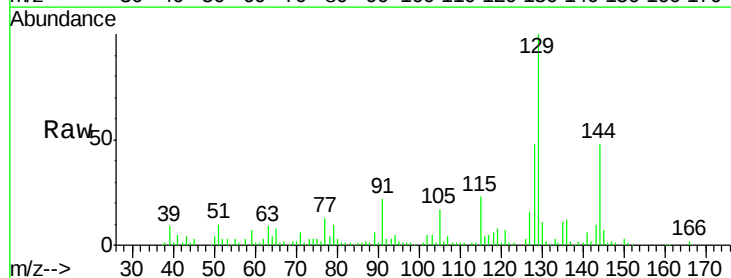
Instrument :
BNA_F
ClientSampleId :
MW-7BD

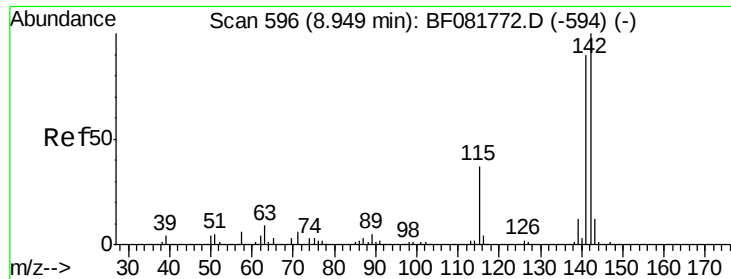
Tgt Ion:127 Resp: 2118516
Ion Ratio Lower Upper
127 100
129 80.8 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#35
Caprolactam
Concen: 3.07 ng
RT: 8.71 min Scan# 575
Delta R.T. 0.03 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

Tgt Ion:113 Resp: 3062
Ion Ratio Lower Upper
113 100
55 233.8 152.4 192.4#
56 41.9 104.6 144.6#

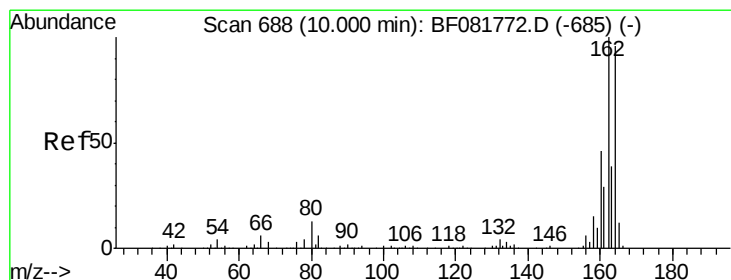
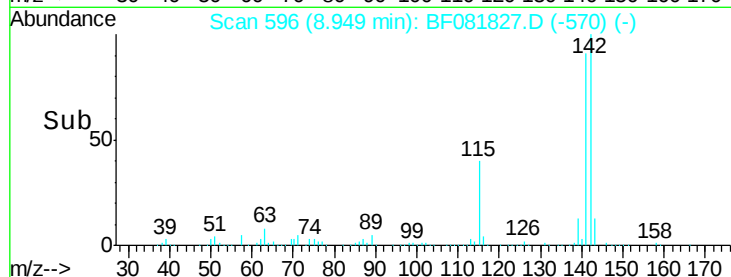
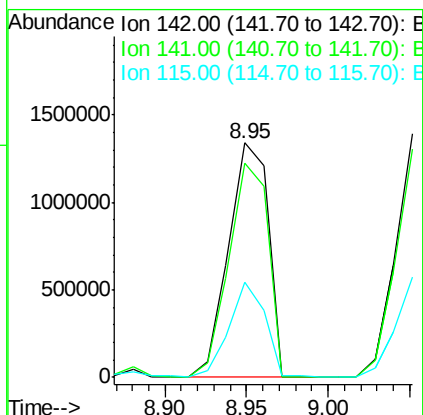
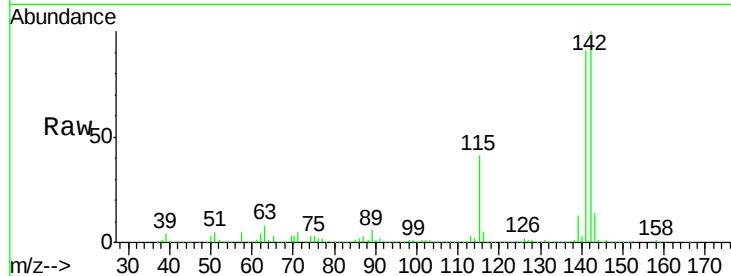




#37
2-Methylnaphthalene
Concen: 259.41 ng
RT: 8.95 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

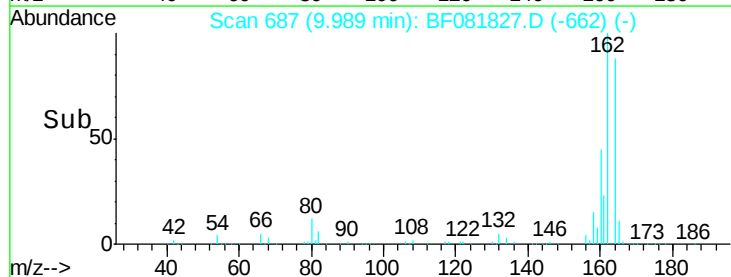
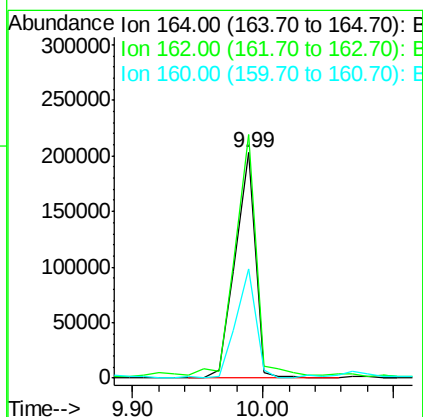
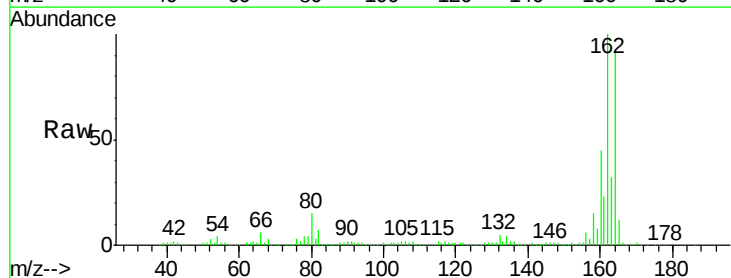
Instrument :
BNA_F
ClientSampleId :
MW-7BD

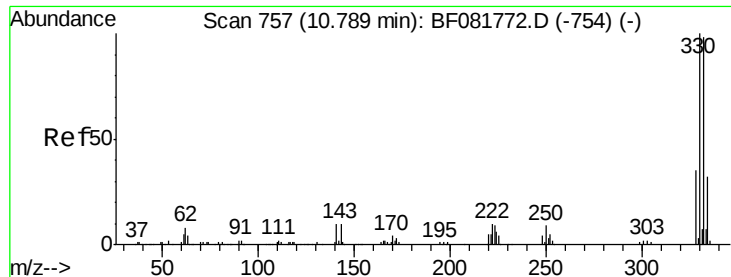
Tgt Ion:142 Resp: 2245718
Ion Ratio Lower Upper
142 100
141 91.3 67.5 101.3
115 40.7 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

Tgt Ion:164 Resp: 212967
Ion Ratio Lower Upper
164 100
162 108.1 75.2 112.8
160 48.6 31.5 47.3#

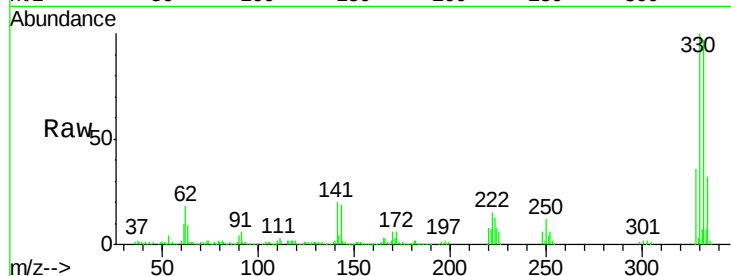




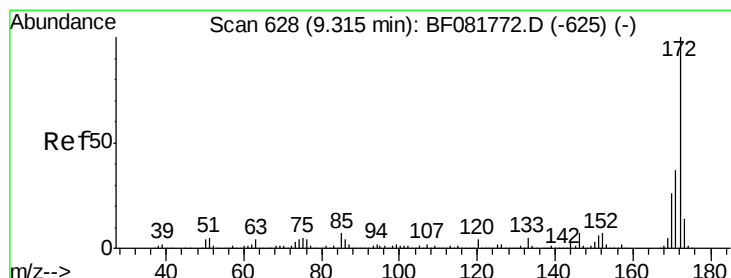
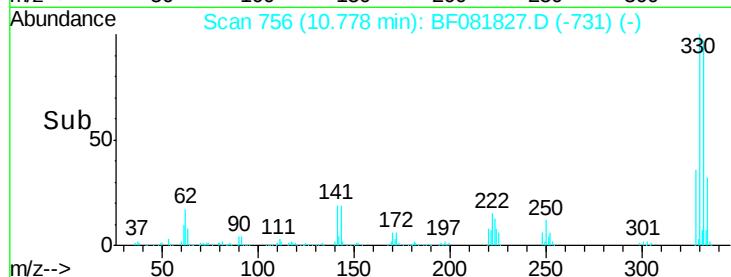
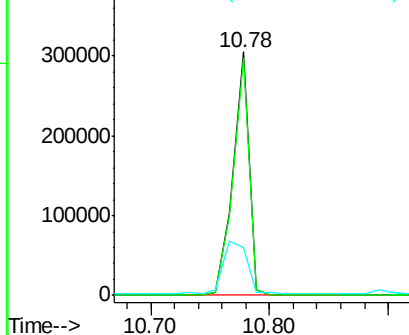
#41
 2,4,6-Tribromophenol
 Concen: 156.15 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081827.D
 Acq: 26 Sep 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	33.2	29.7	44.5

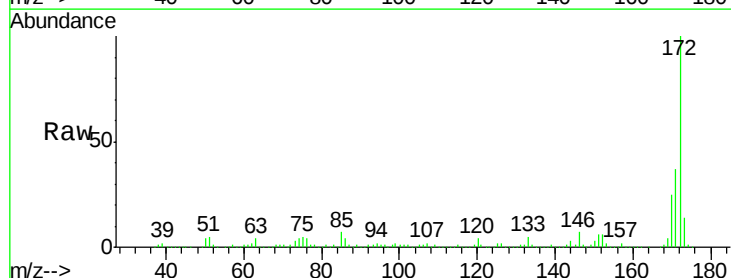


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

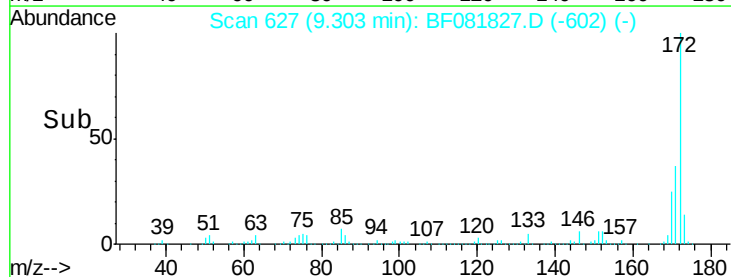
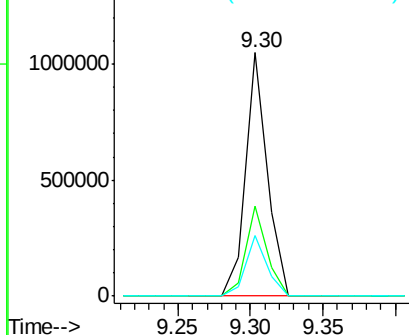


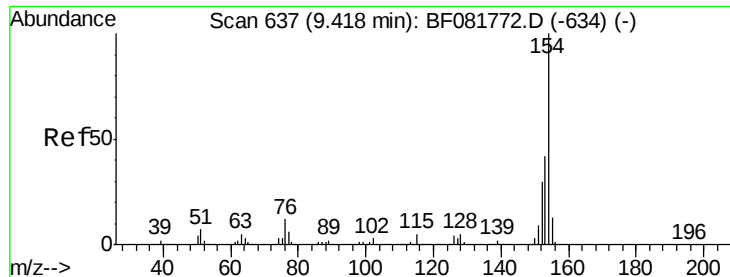
#44
 2-Fluorobiphenyl
 Concen: 83.74 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081827.D
 Acq: 26 Sep 2015 14:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	25.0	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

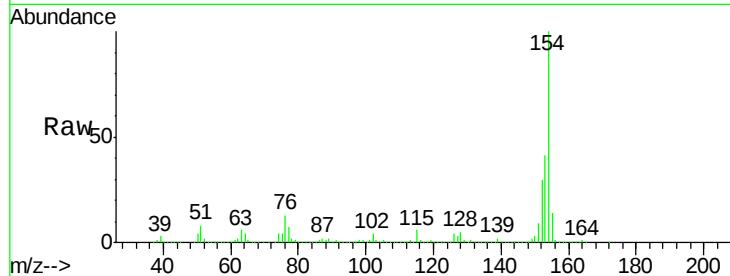




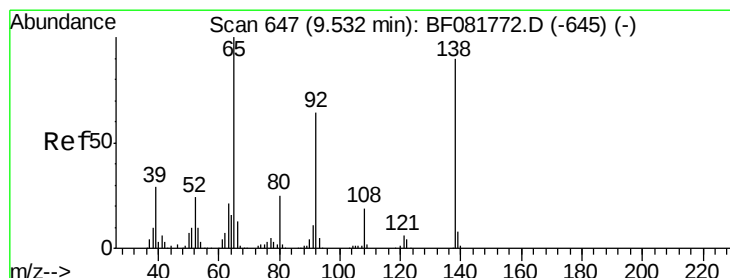
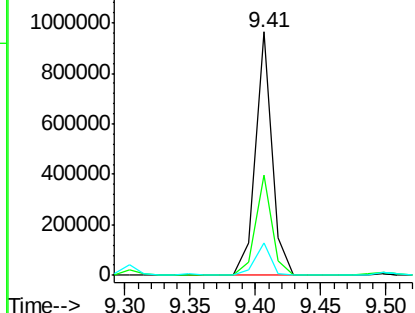
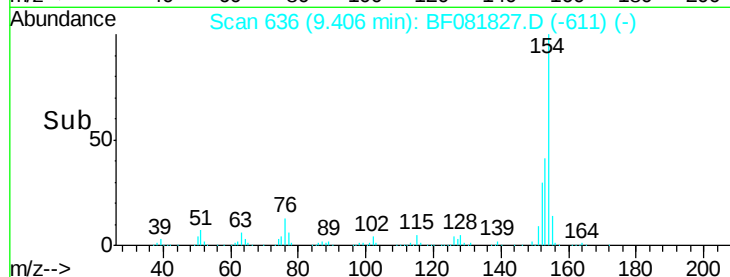
#45
 1,1'-Biphenyl
 Concen: 51.41 ng
 RT: 9.41 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF081827.D
 Acq: 26 Sep 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Tgt Ion:154 Resp: 855998
 Ion Ratio Lower Upper
 154 100
 153 41.4 17.1 57.1
 76 13.4 0.0 31.6

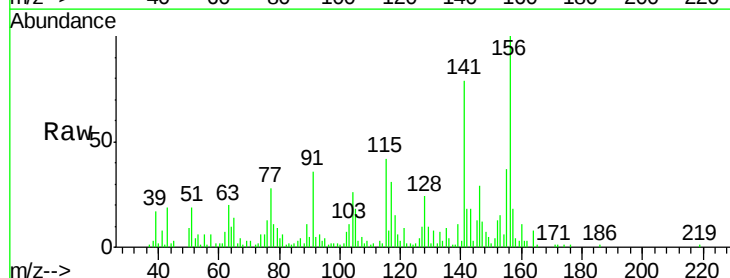


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

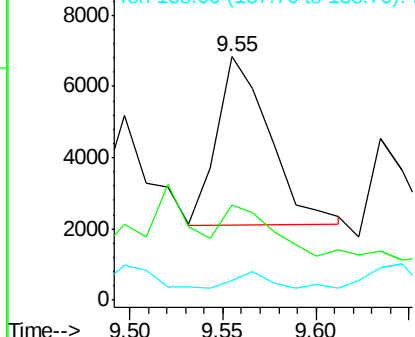
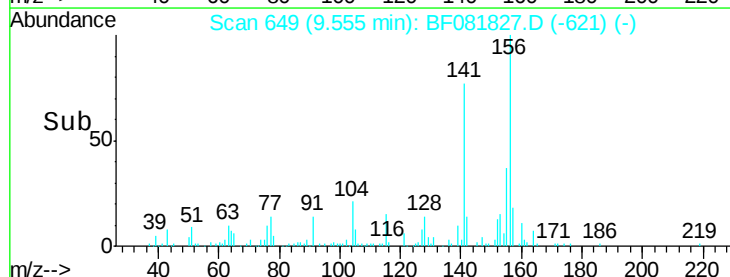


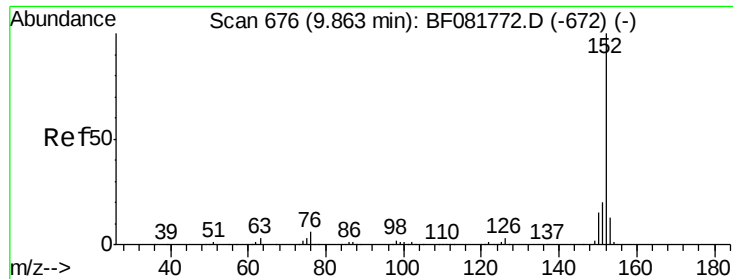
#47
 2-Nitroaniline
 Concen: 2.61 ng
 RT: 9.55 min Scan# 649
 Delta R.T. 0.02 min
 Lab File: BF081827.D
 Acq: 26 Sep 2015 14:54

Tgt Ion: 65 Resp: 9293
 Ion Ratio Lower Upper
 65 100
 92 39.1 55.4 83.0#
 138 8.2 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 125.05 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampled :

MW-7BD

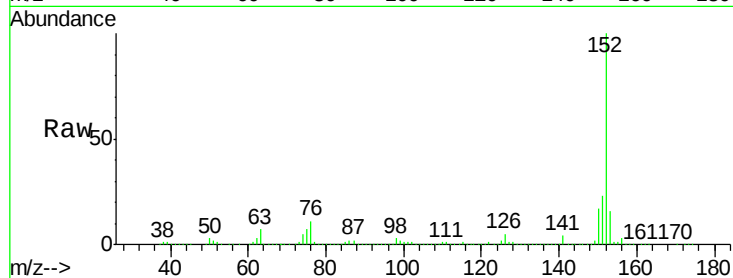
Tgt Ion:152 Resp: 2834964

Ion Ratio Lower Upper

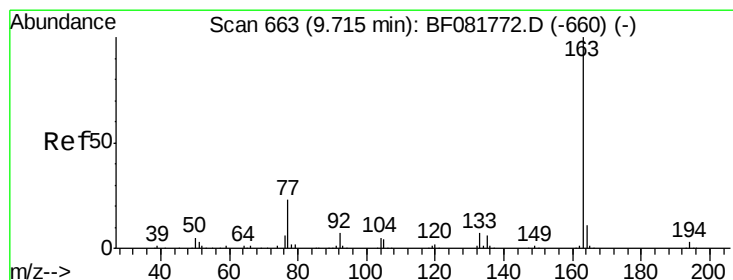
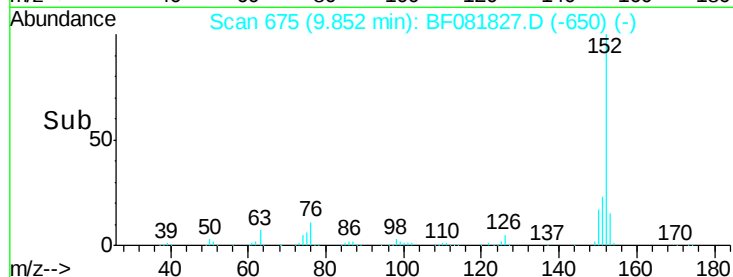
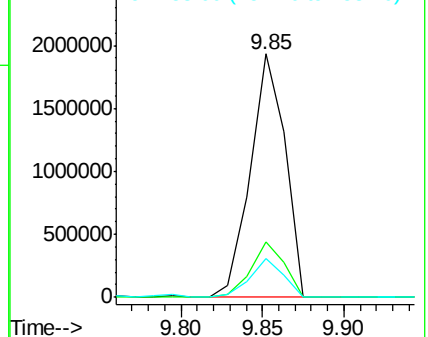
152 100

151 22.6 14.6 22.0#

153 15.8 10.3 15.5#



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: 5.74 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

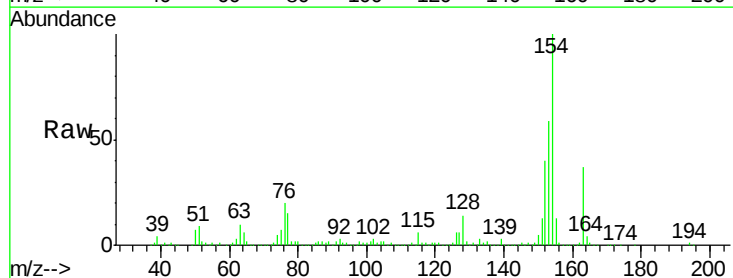
Tgt Ion:163 Resp: 93086

Ion Ratio Lower Upper

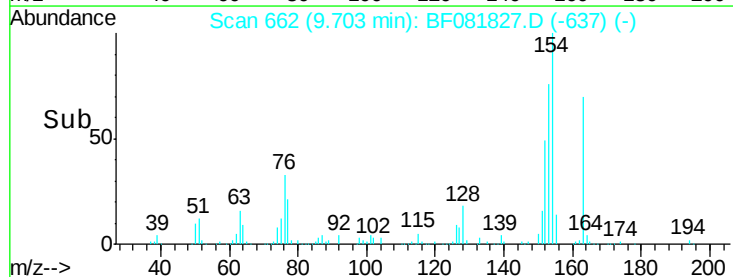
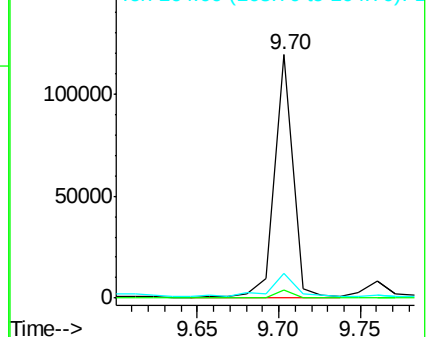
163 100

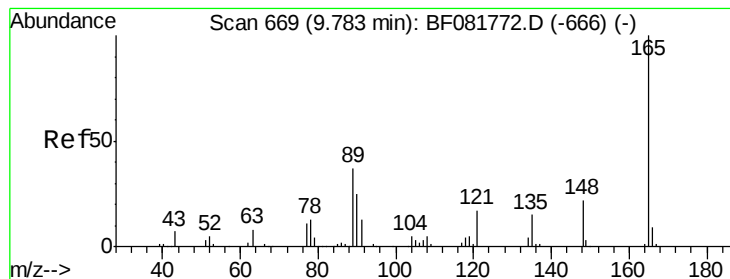
194 3.4 4.4 6.6#

164 10.2 8.3 12.5



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: 4.27 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.10 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

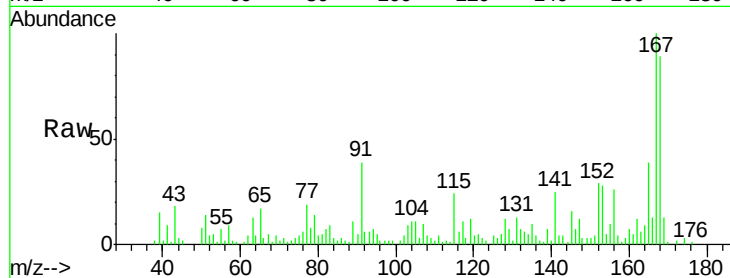
Tgt Ion:165 Resp: 13363

Ion Ratio Lower Upper

165 100

63 32.4 32.3 48.5

89 27.2 28.6 43.0#

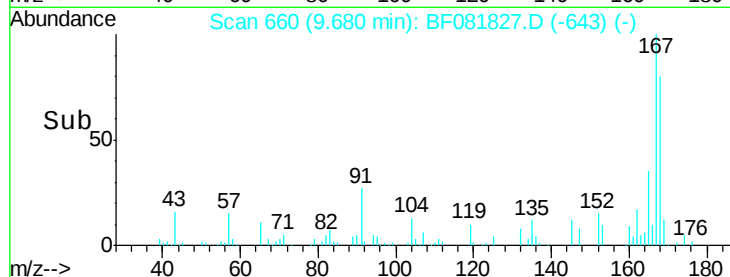


Abundance Ion 165.00 (164.70 to 165.70): E

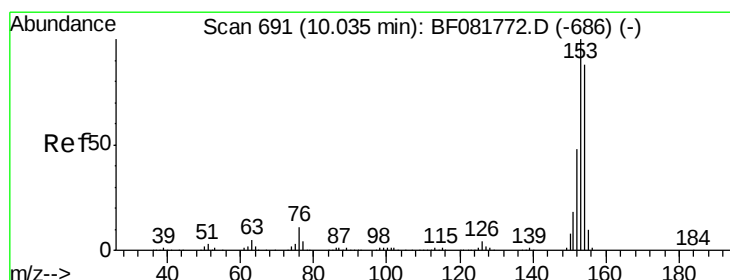
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



Time-->



#51

Acenaphthene

Concen: 62.37 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

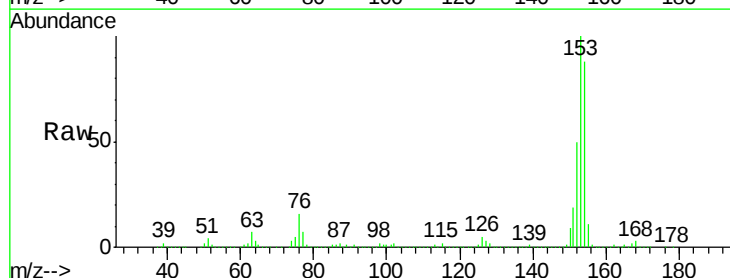
Tgt Ion:154 Resp: 814880

Ion Ratio Lower Upper

154 100

153 114.0 82.1 123.1

152 56.9 37.9 56.9#

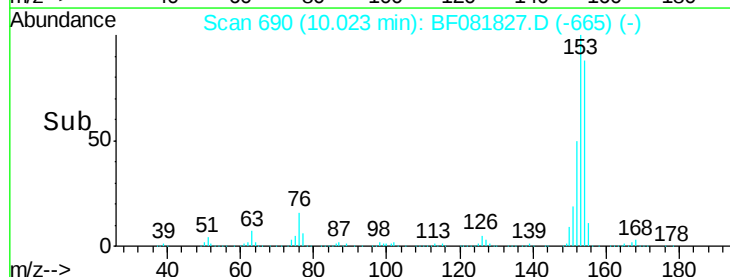


Abundance Ion 154.00 (153.70 to 154.70): E

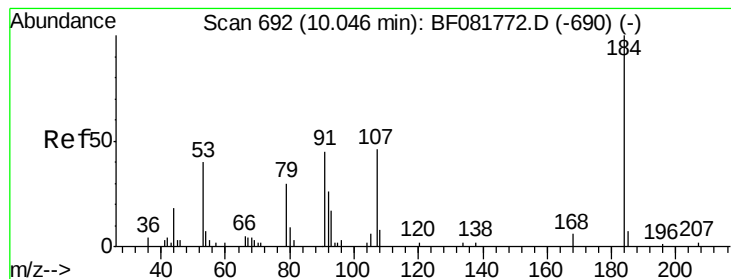
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

2,4-Dinitrophenol

Concen: 11.77 ng

RT: 10.13 min Scan# 699

Delta R.T. 0.08 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

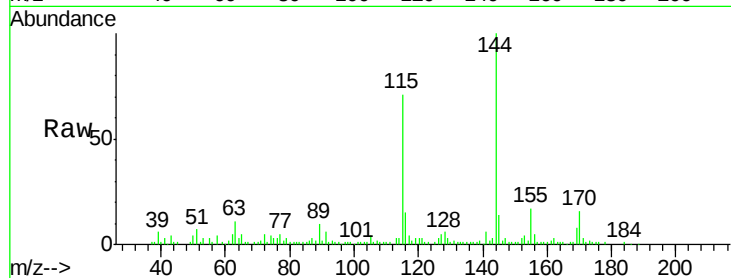
Tgt Ion:184 Resp: 1064

Ion Ratio Lower Upper

184 100

63 1217.5 35.4 53.2#

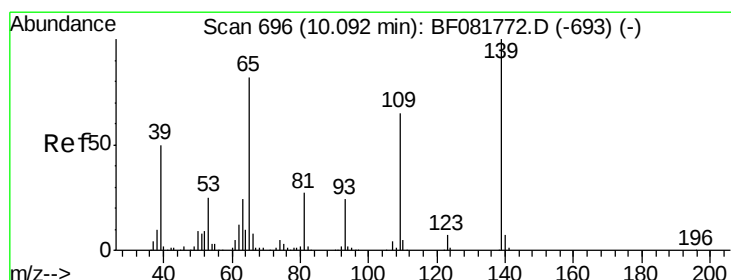
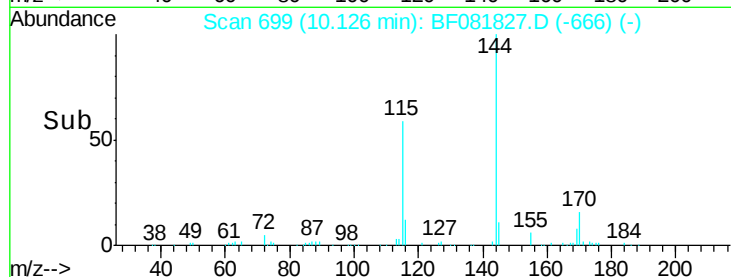
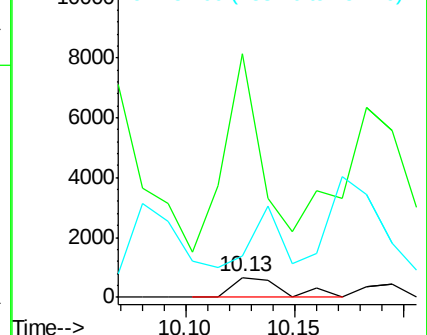
154 206.4 32.2 48.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 3.59 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

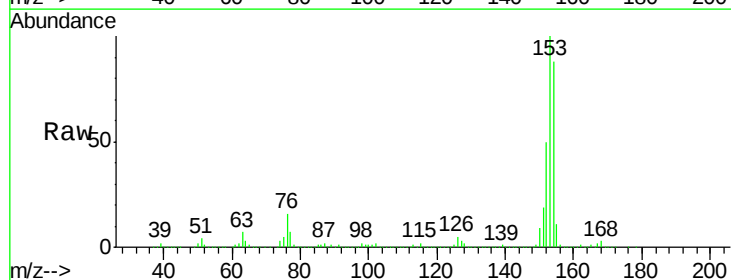
Tgt Ion:139 Resp: 8388

Ion Ratio Lower Upper

139 100

109 24.9 12.7 52.7

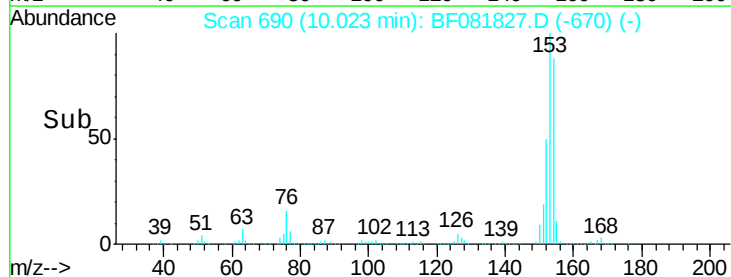
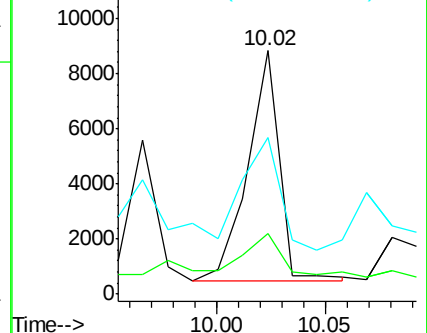
65 64.4 45.9 85.9

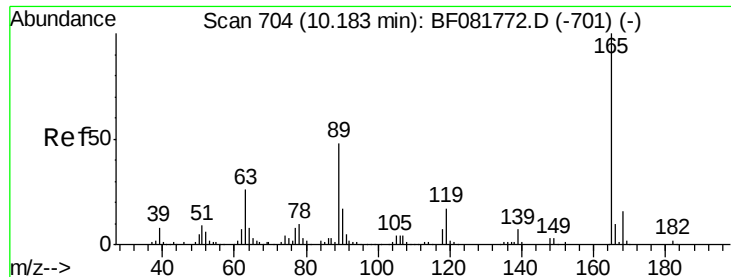


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

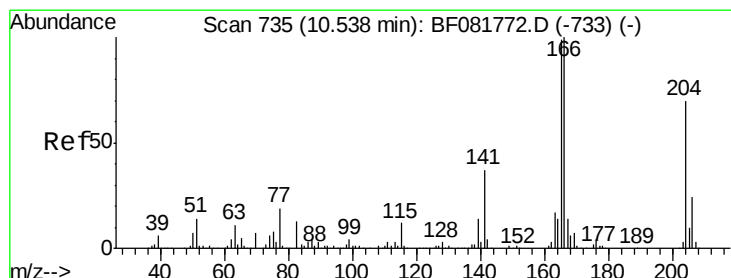
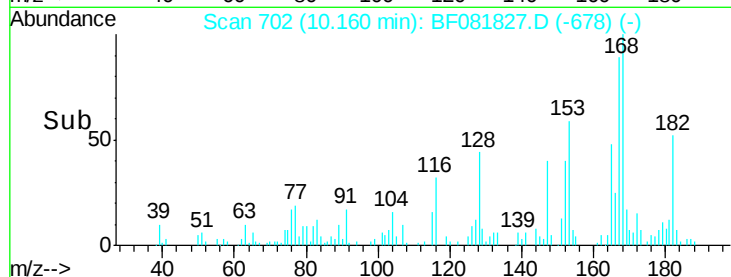
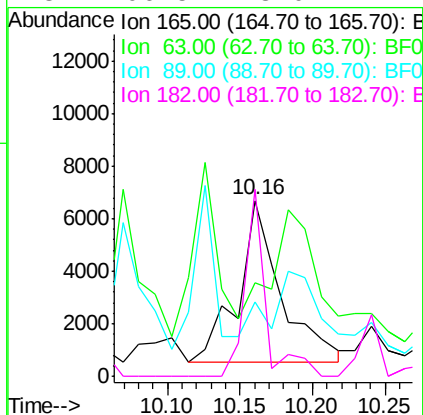
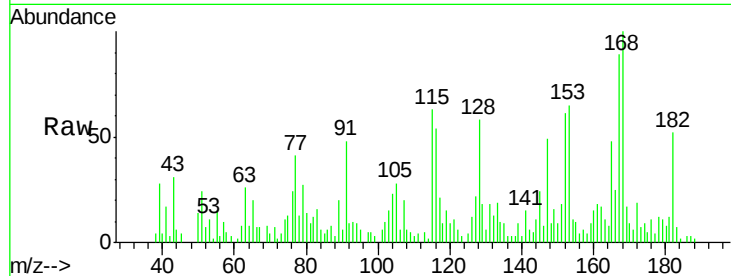




#56
2,4-Dinitrotoluene
Concen: 3.37 ng
RT: 10.16 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

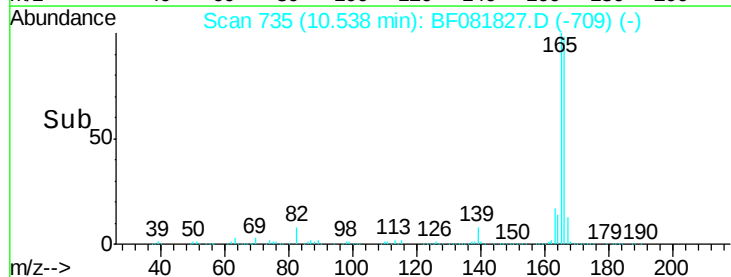
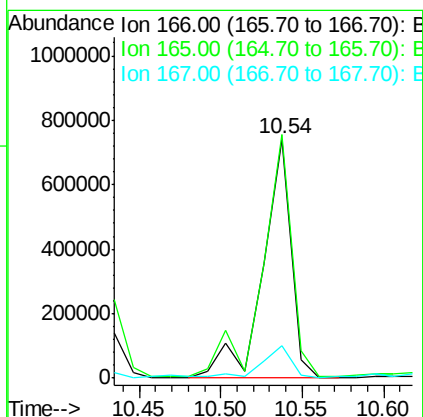
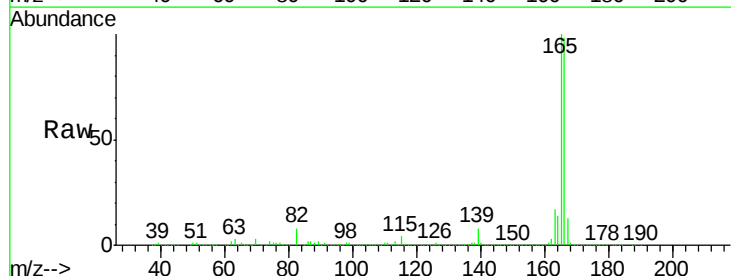
Instrument :
BNA_F
ClientSampleId :
MW-7BD

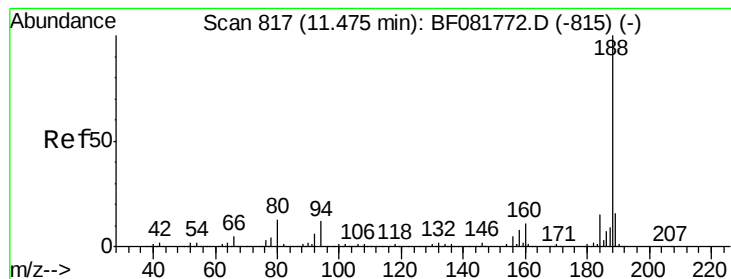
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.4	29.8	44.6#
89	42.2	44.5	66.7#
182	106.5	3.0	4.4#



#57
Fluorene
Concen: 60.27 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081827.D
Acq: 26 Sep 2015 14:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	72.6	109.0
167	13.7	10.6	16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

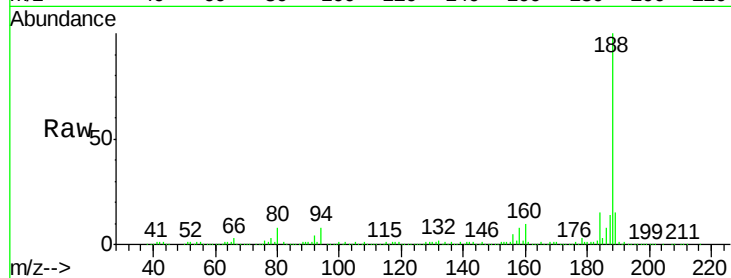
Tgt Ion:188 Resp: 404974

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

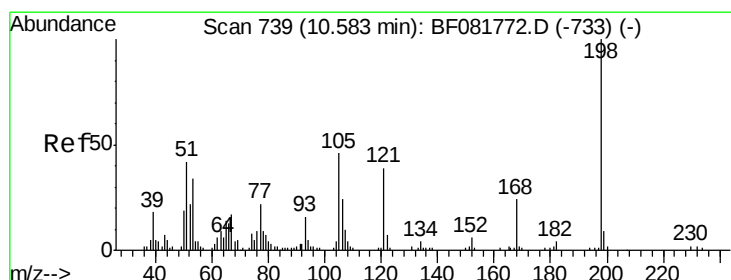
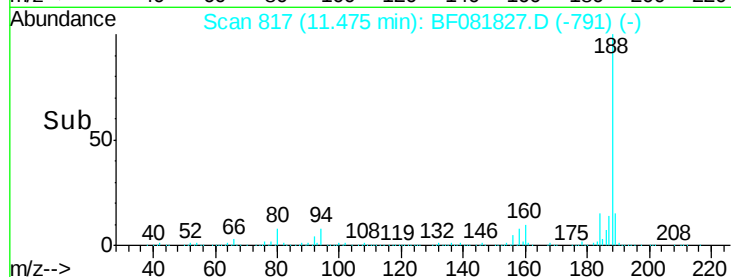
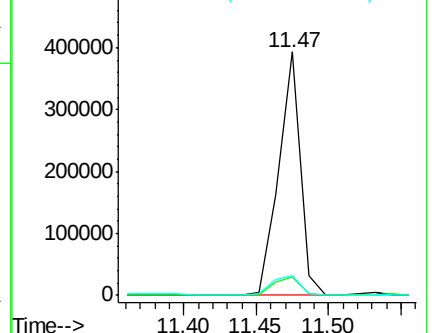
80 8.2 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.23 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

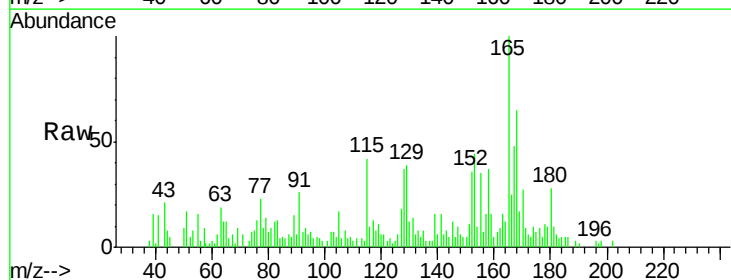
Tgt Ion:198 Resp: 479

Ion Ratio Lower Upper

198 100

51 618.2 39.6 79.6#

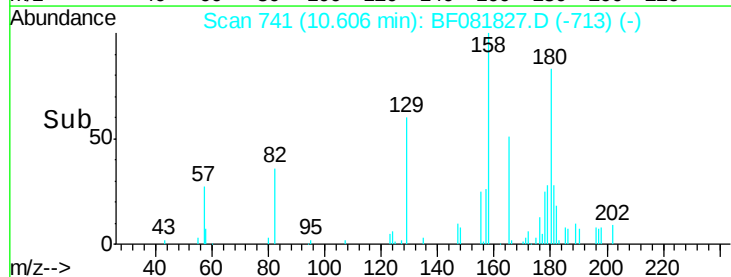
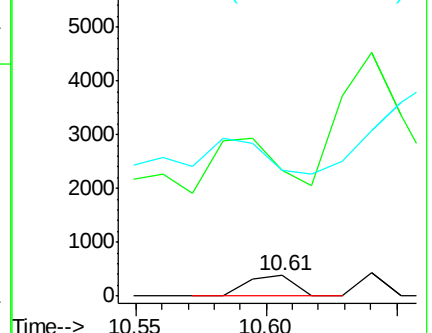
105 616.9 28.5 68.5#

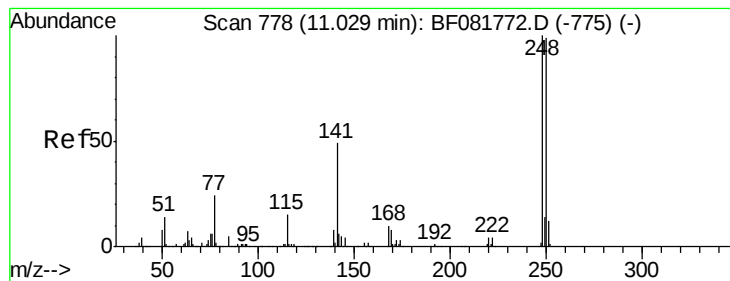


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.22 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

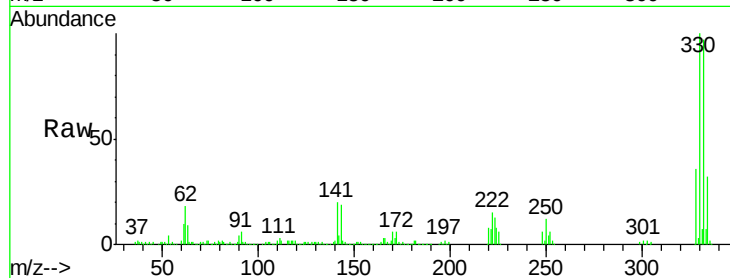
Tgt Ion:248 Resp: 19012

Ion Ratio Lower Upper

248 100

250 201.8 78.5 117.7#

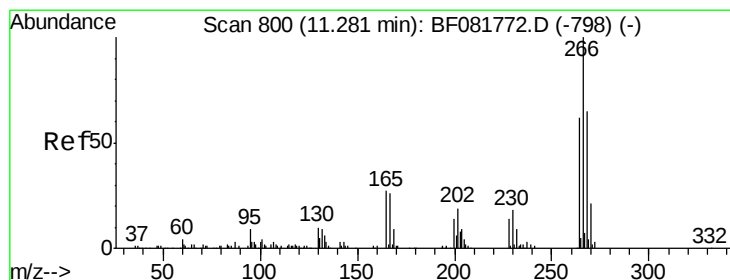
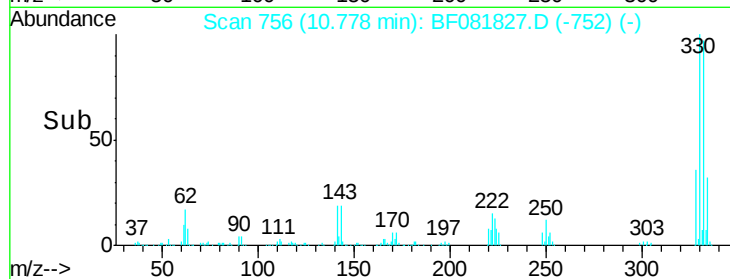
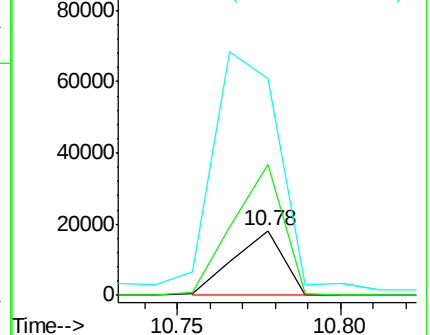
141 333.3 59.0 88.6#



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



#69

Pentachlorophenol

Concen: 5.83 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

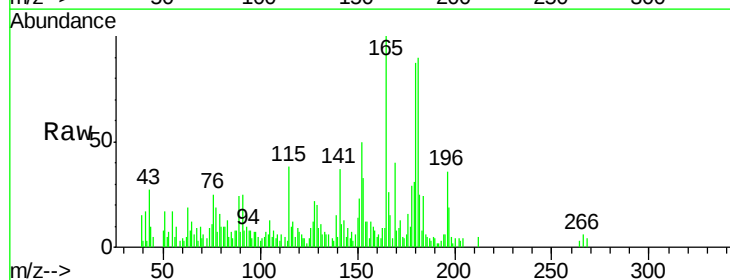
Tgt Ion:266 Resp: 508

Ion Ratio Lower Upper

266 100

268 64.6 49.8 74.6

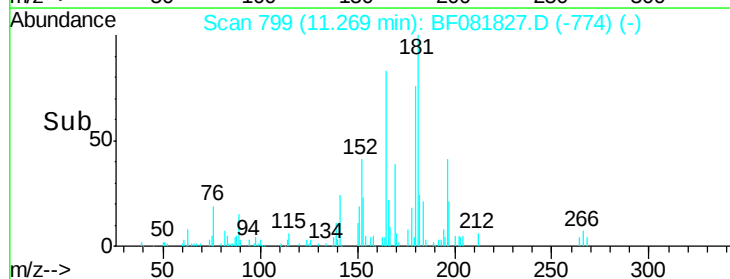
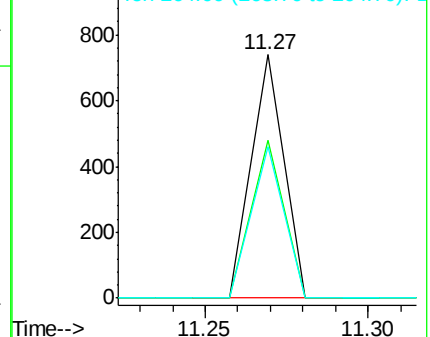
264 62.3 50.2 75.2

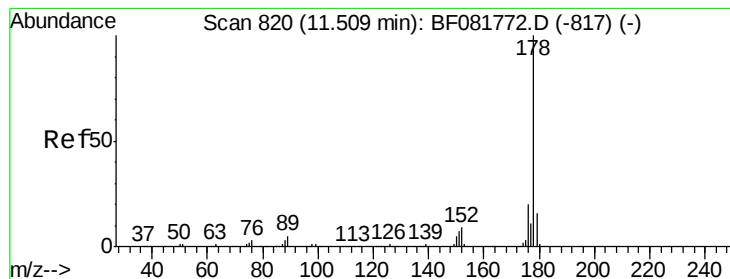


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 15.78 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

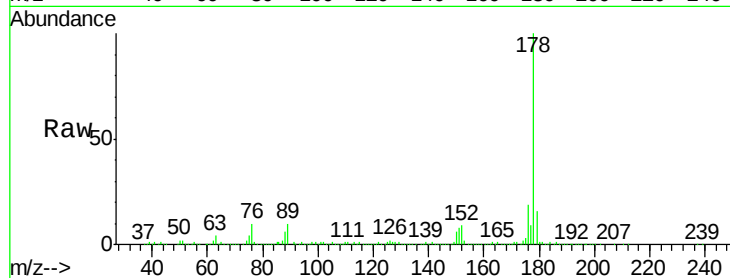
Tgt Ion:178 Resp: 365424

Ion Ratio Lower Upper

178 100

176 19.3 13.8 20.8

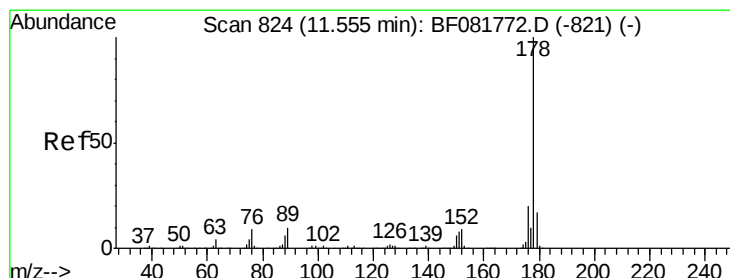
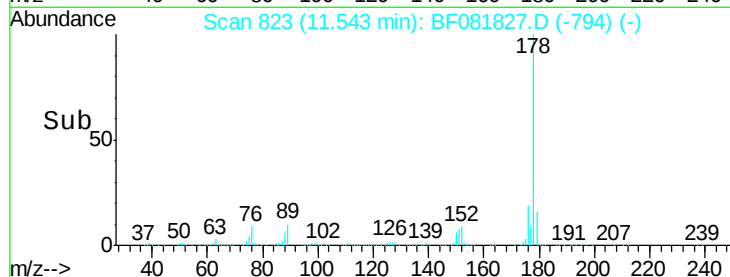
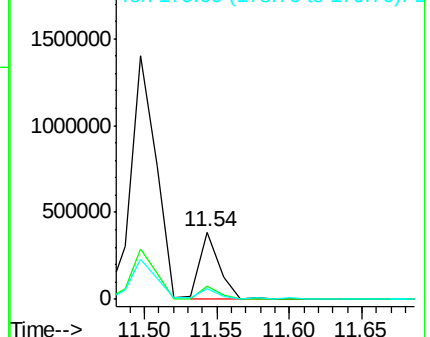
179 16.3 12.2 18.2



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: 16.38 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

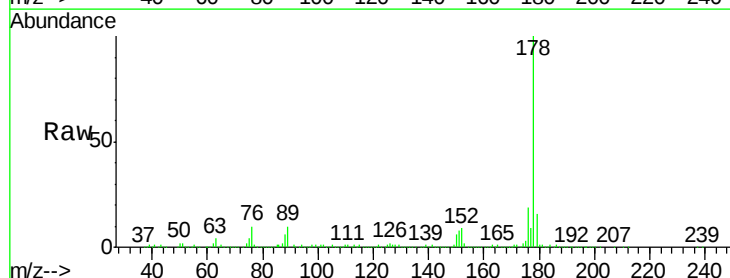
Tgt Ion:178 Resp: 365424

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

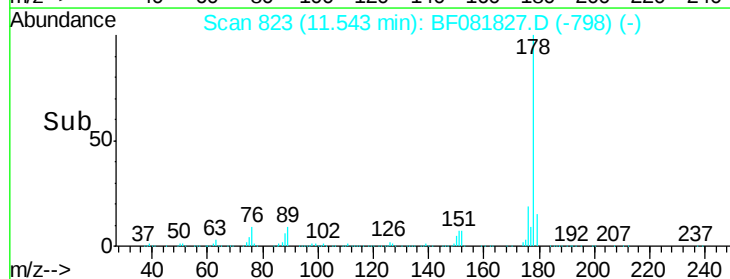
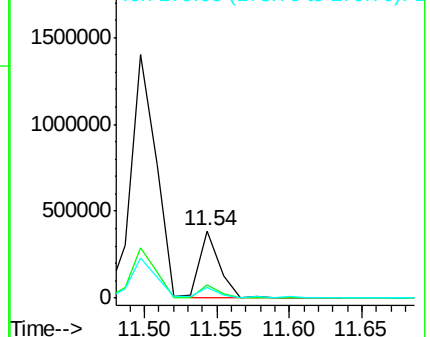
179 16.3 12.2 18.2

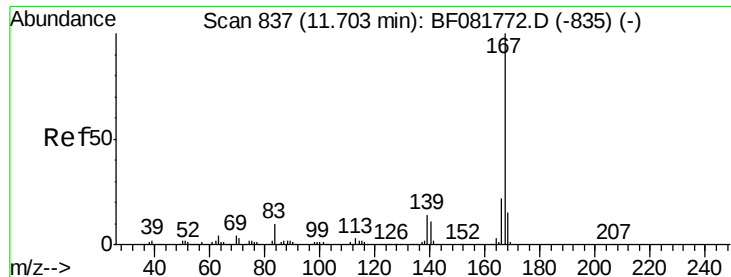


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.55 ng

RT: 11.70 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

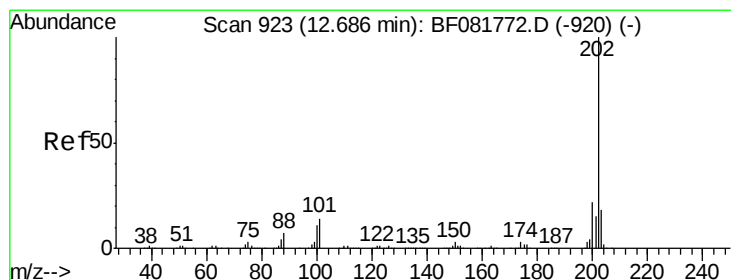
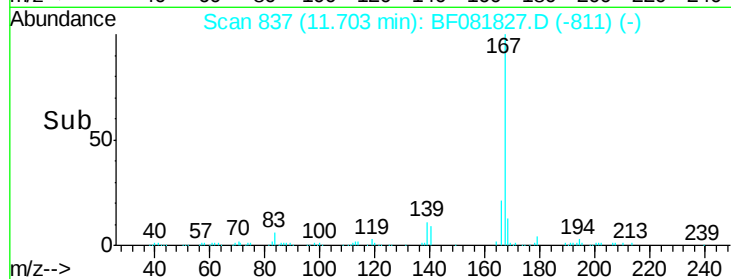
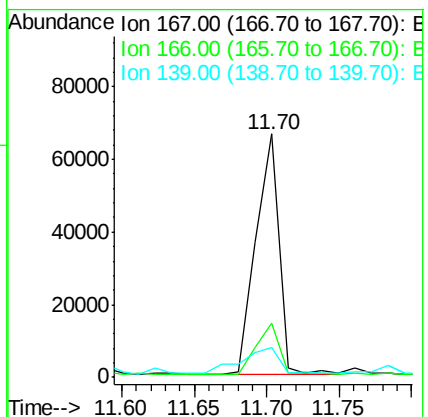
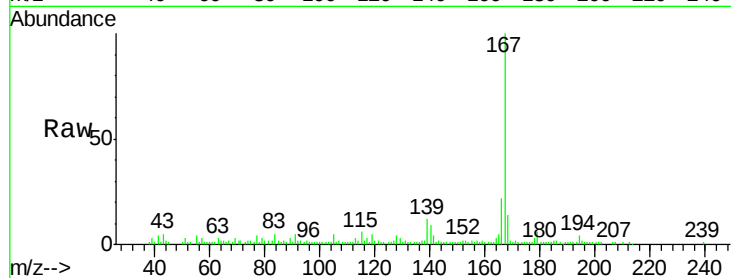
Tgt Ion:167 Resp: 73523

Ion Ratio Lower Upper

167 100

166 22.4 15.7 23.5

139 12.3 9.5 14.3



#74

Fluoranthene

Concen: 18.92 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

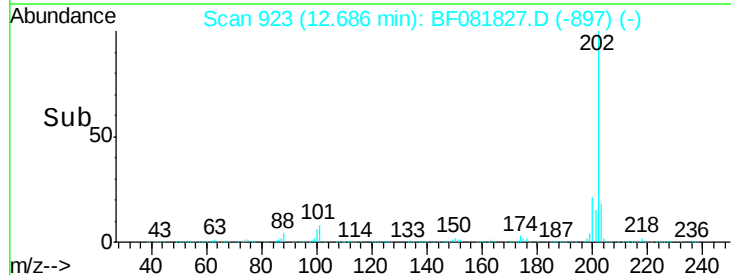
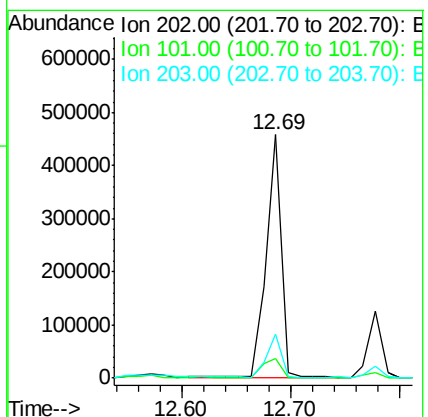
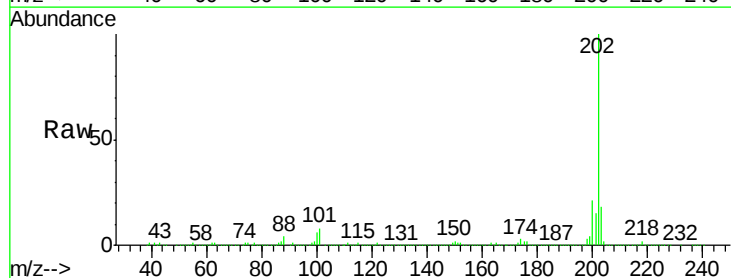
Tgt Ion:202 Resp: 441433

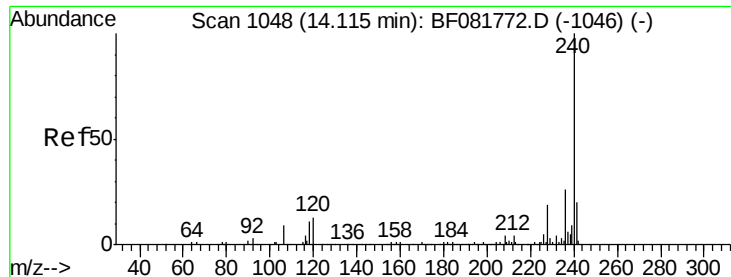
Ion Ratio Lower Upper

202 100

101 7.9 0.0 38.3

203 17.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

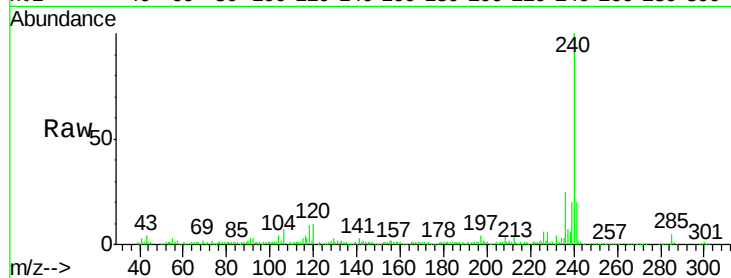
Tgt Ion:240 Resp: 330641

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

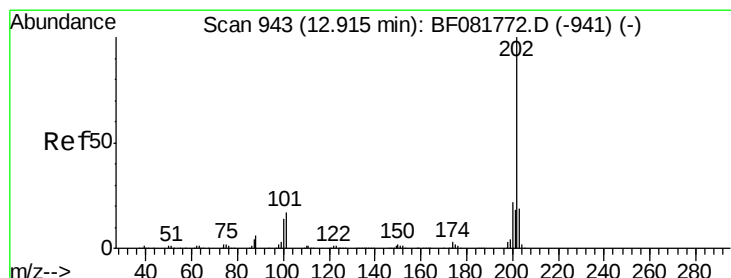
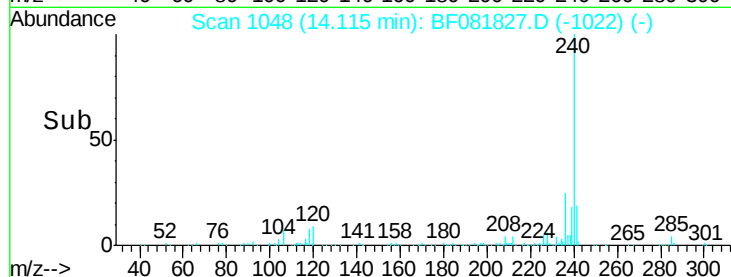
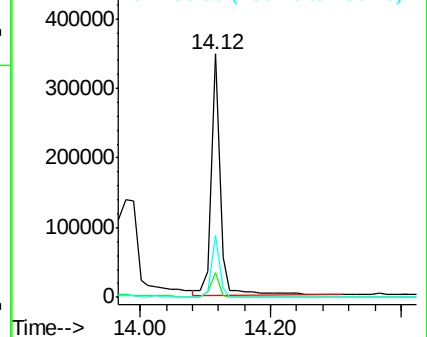
236 25.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 22.92 ng

RT: 12.91 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

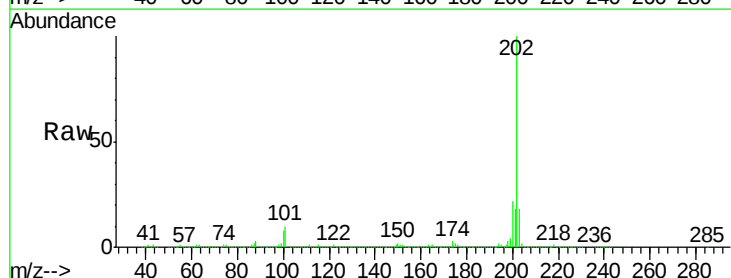
Tgt Ion:202 Resp: 571411

Ion Ratio Lower Upper

202 100

200 21.6 15.0 22.4

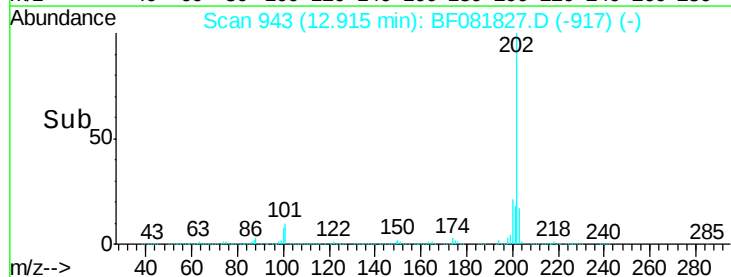
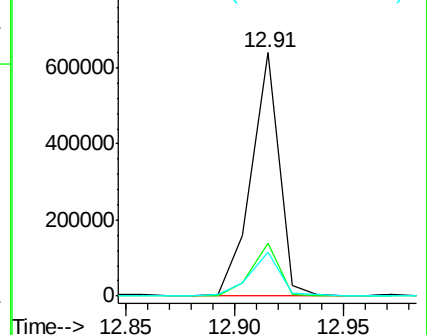
203 17.8 14.1 21.1

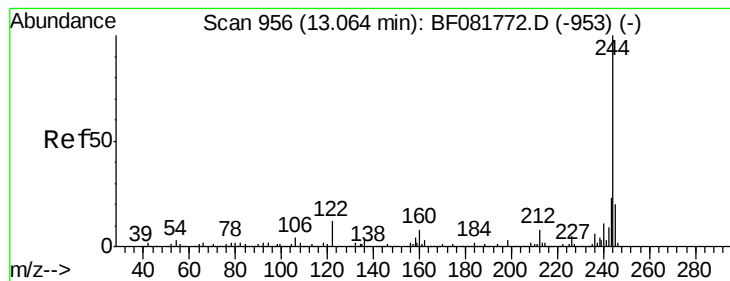


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.01 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

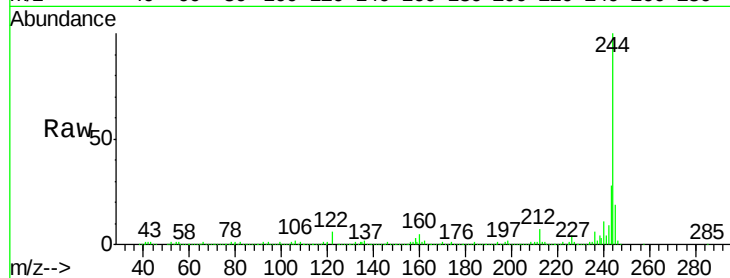
Tgt Ion:244 Resp: 1114734

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

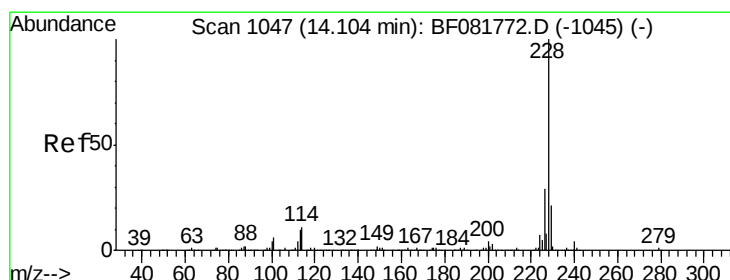
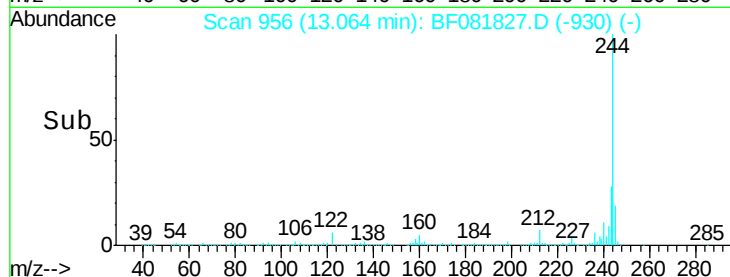
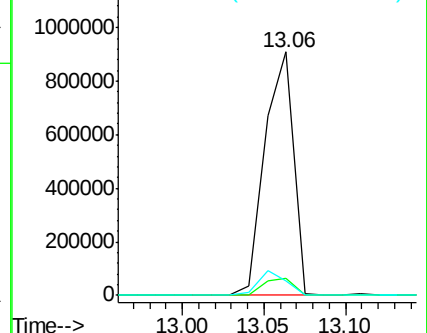
122 6.2 17.4 26.2#



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



#80

Benzo(a)anthracene

Concen: 4.26 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

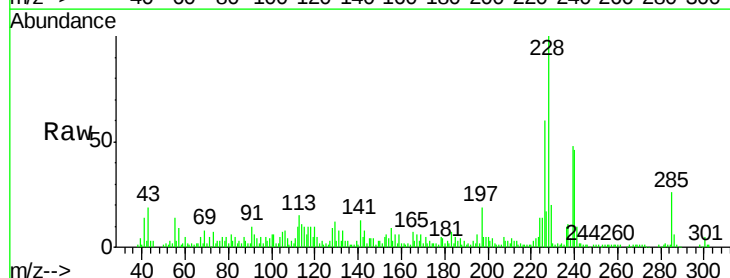
Tgt Ion:228 Resp: 85329

Ion Ratio Lower Upper

228 100

226 60.5 20.0 30.0#

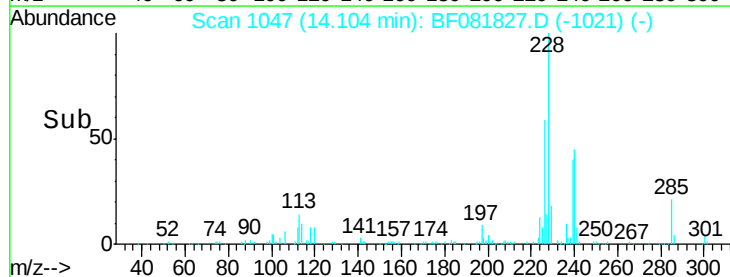
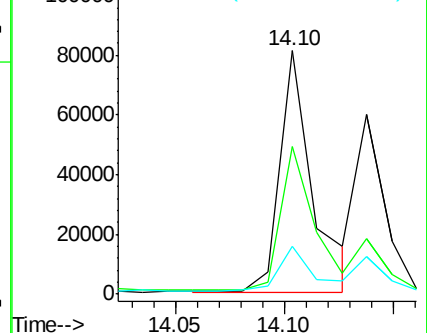
229 19.6 15.4 23.2

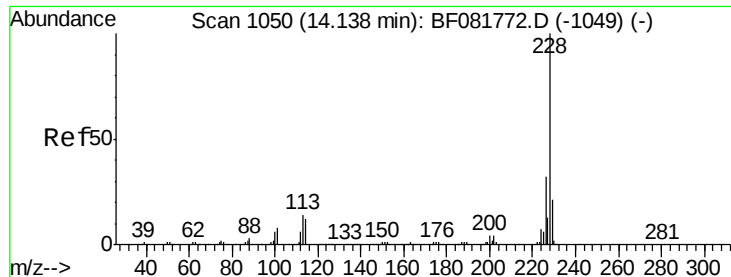


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.80 ng

RT: 14.14 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Instrument :

BNA_F

ClientSampleId :

MW-7BD

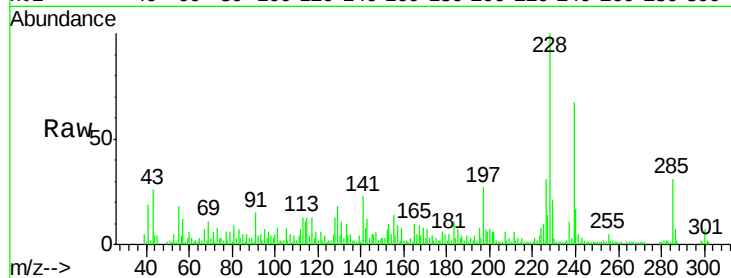
Tgt Ion:228 Resp: 53826

Ion Ratio Lower Upper

228 100

226 31.1 21.0 31.4

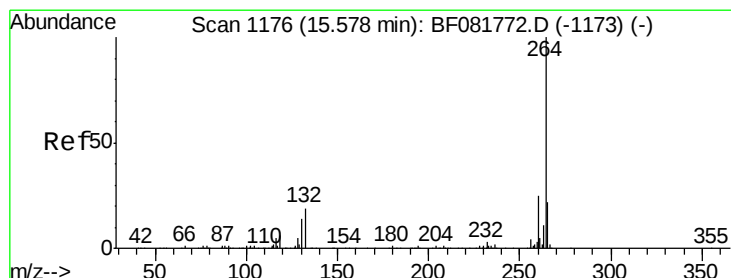
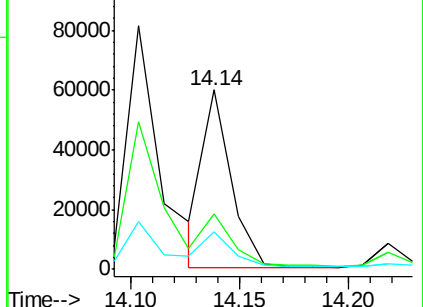
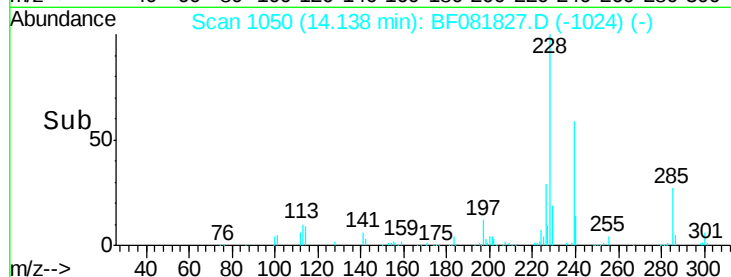
229 21.0 15.6 23.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.59 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

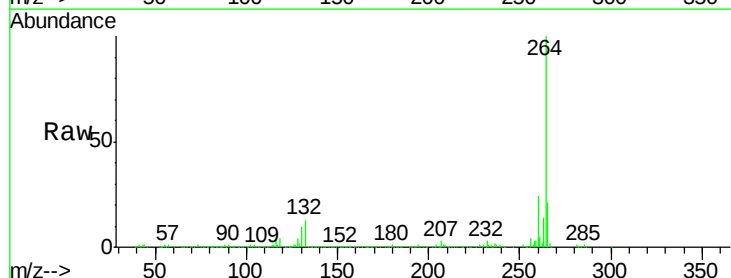
Tgt Ion:264 Resp: 301517

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

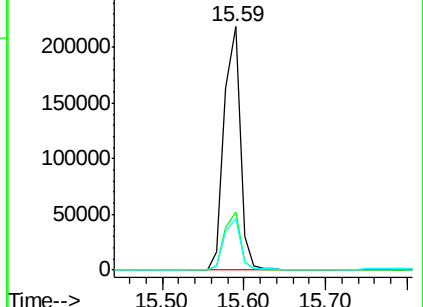
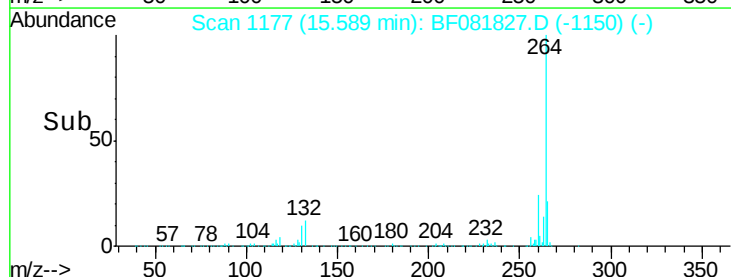
265 21.3 17.2 25.8

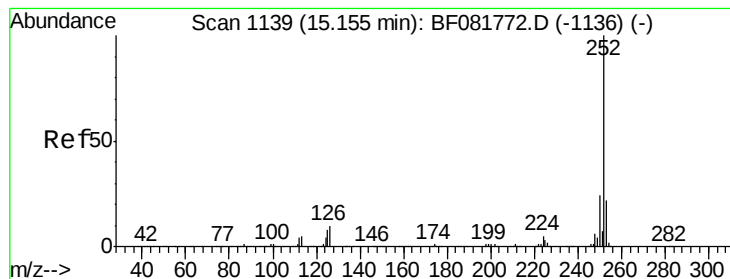


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.47 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

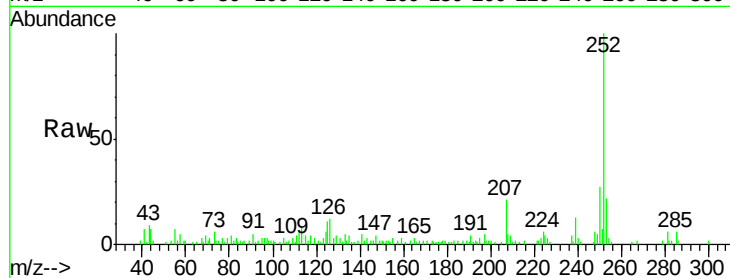
Instrument :

BNA_F

ClientSampleId :

MW-7BD

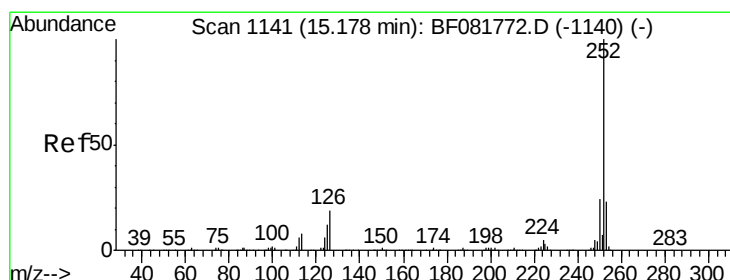
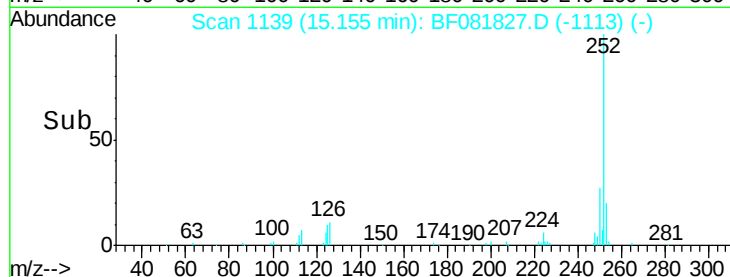
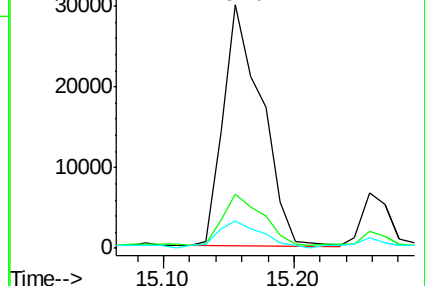
Tgt Ion:	252	Resp:	62037
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	11.5	17.1	25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.60 ng

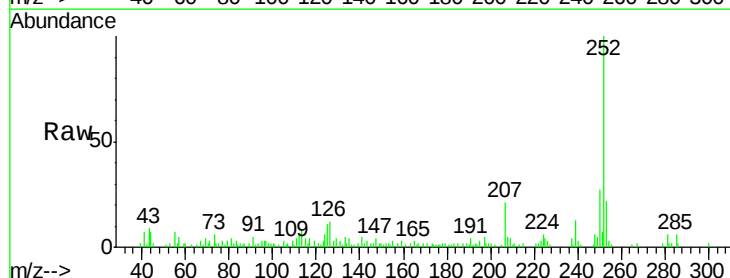
RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081827.D

Acq: 26 Sep 2015 14:54

Tgt Ion:	252	Resp:	62037
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.4
125	11.5	16.0	24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

