

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081815.D
 Acq On : 25 Sep 2015 21:27
 Operator : UM/IZ
 Sample : G3704-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-15-15

Quant Time: Sep 25 23:25:04 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

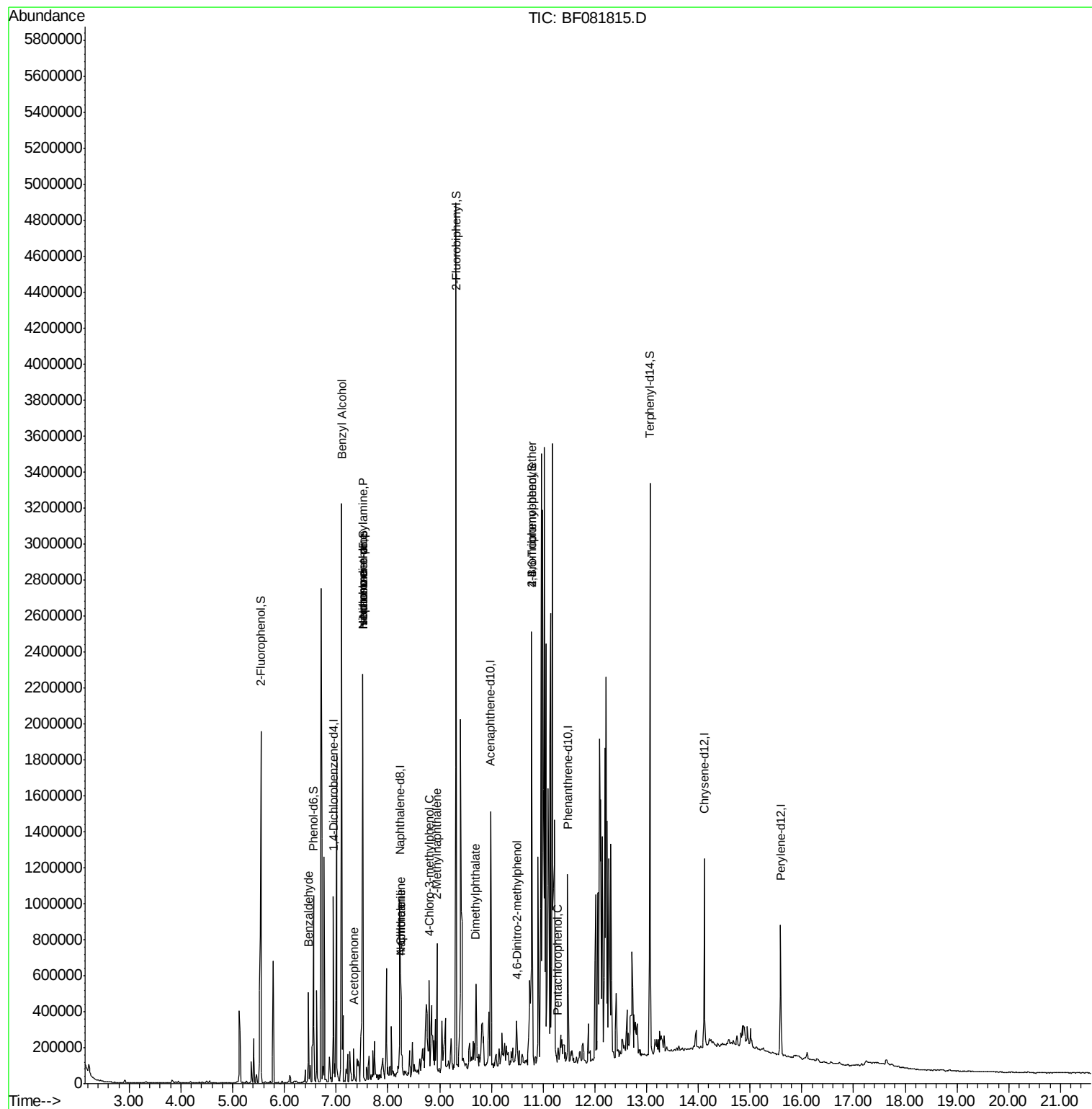
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	153351	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	520279	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	258889	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	399315	20.00	ng	0.00
75) Chrysene-d12	14.12	240	351208	20.00	ng	0.00
86) Perylene-d12	15.59	264	337662	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	518859	57.24	ng	0.00
7) Phenol-d6	6.56	99	349535	30.49	ng	-0.01
23) Nitrobenzene-d5	7.52	82	946687	120.06	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	345188	153.58	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1499038	95.05	ng	0.00
78) Terphenyl-d14	13.06	244	1012251	65.84	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	24165	3.56	ng	# 1
15) Benzyl Alcohol	7.11	79	19113	2.11	ng	# 42
18) Hexachloroethane	7.52	117	79252	20.35	ng	# 27
19) n-Nitroso-di-n-propylamine	7.52	70	130722	17.10	ng	# 55
22) Acetophenone	7.34	105	55748	4.89	ng	# 49
25) Isophorone	7.52	82	867976	49.69	ng	# 59
31) Naphthalene	8.25	128	144134	6.01	ng	# 96
33) 4-Chloroaniline	8.25	127	22606	2.15	ng	# 35
36) 4-Chloro-3-methylphenol	8.80	107	62556	8.46	ng	# 12
37) 2-Methylnaphthalene	8.95	142	138711	8.11	ng	# 90
49) Dimethylphthalate	9.70	163	96253	4.89	ng	# 76
64) 4,6-Dinitro-2-methylphenol	10.49	198	225	7.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	21124	4.75	ng	# 1
69) Pentachlorophenol	11.28	266	278	5.75	ng	# 19

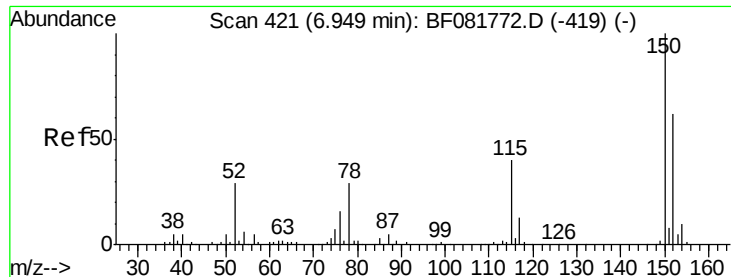
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

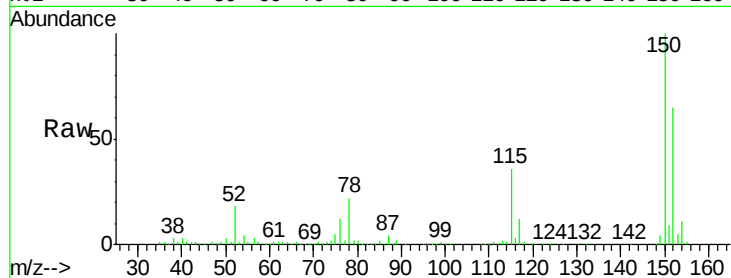
Tgt Ion:152 Resp: 153351

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

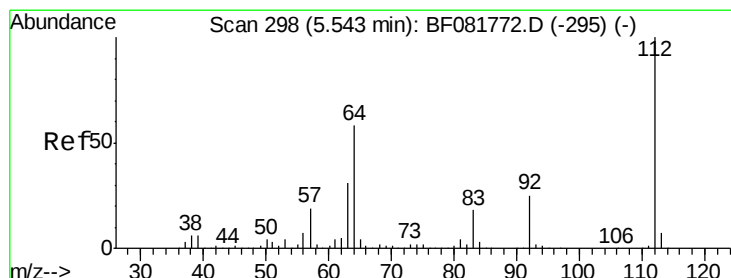
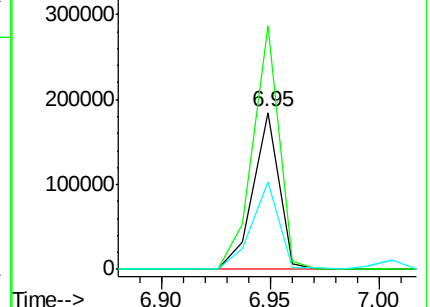
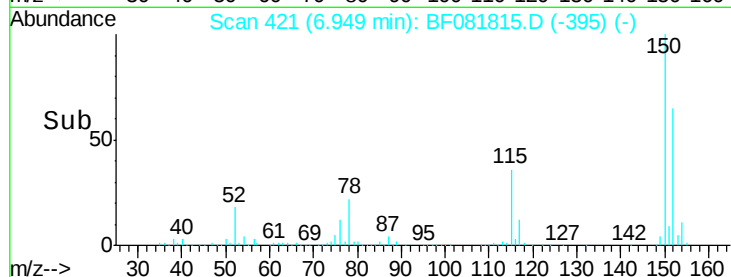
115 55.7 39.0 58.4



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: 57.24 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

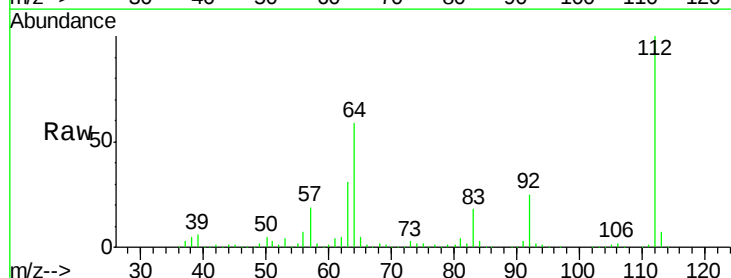
Tgt Ion:112 Resp: 518859

Ion Ratio Lower Upper

112 100

64 59.2 39.7 59.5

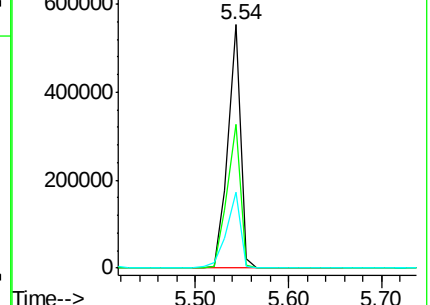
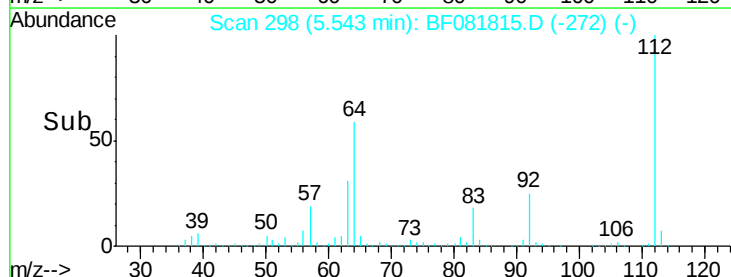
63 31.2 17.4 26.0#



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: 30.49 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

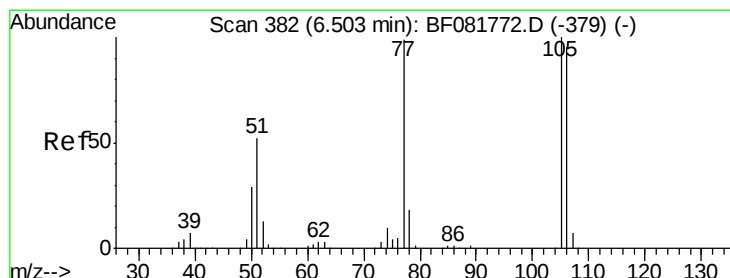
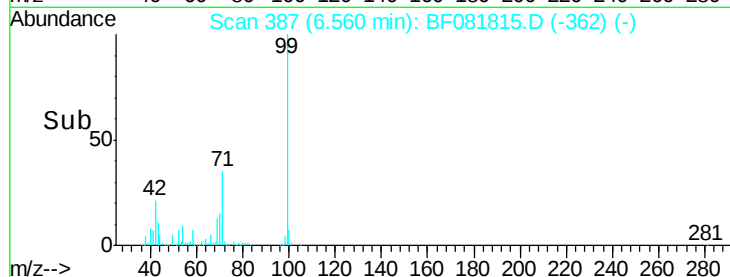
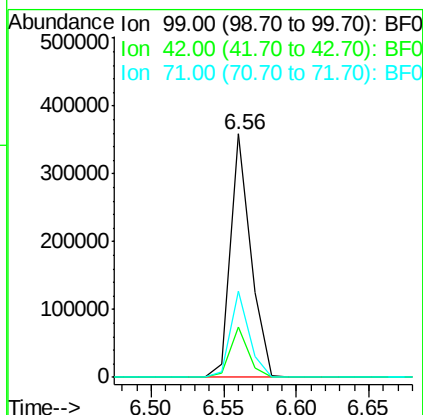
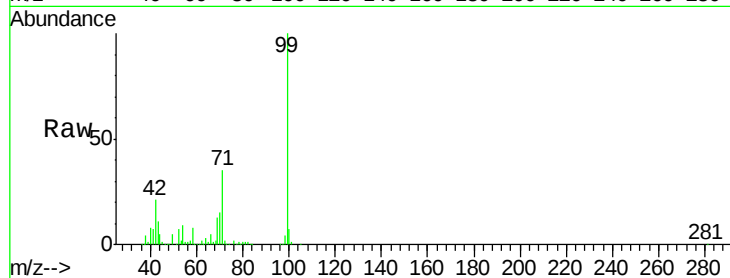
Tgt Ion: 99 Resp: 349535

Ion Ratio Lower Upper

99 100

42 20.9 13.7 20.5#

71 35.1 14.2 21.2#



#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

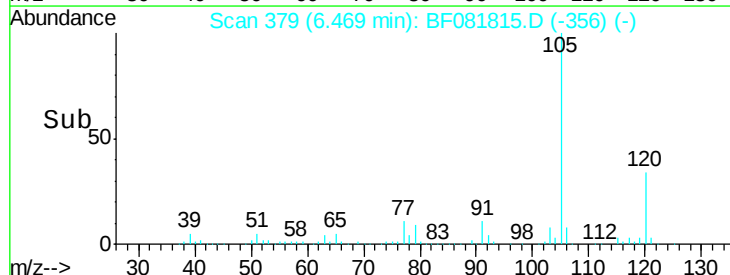
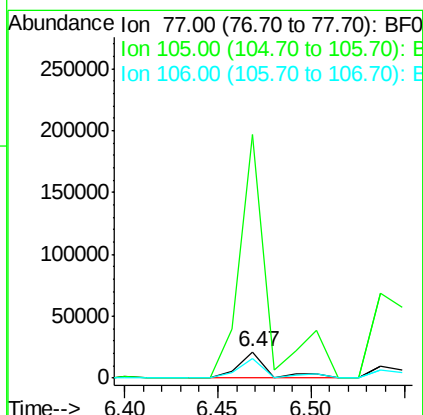
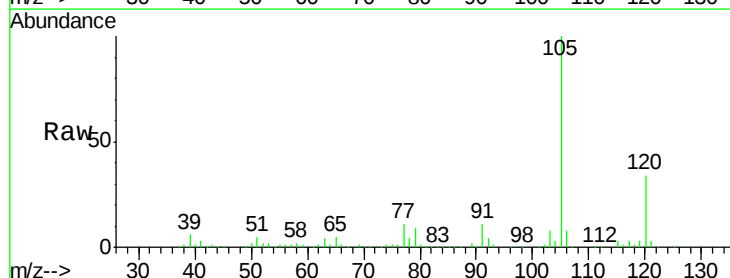
Tgt Ion: 77 Resp: 24165

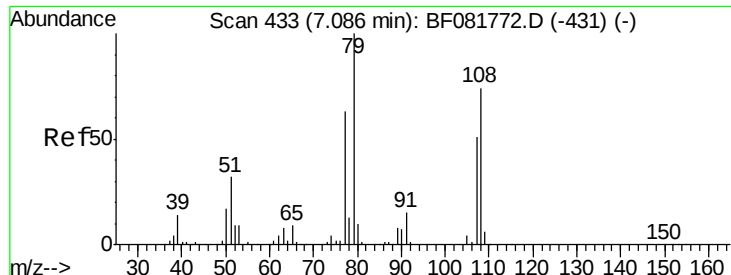
Ion Ratio Lower Upper

77 100

105 920.7 91.6 131.6#

106 76.4 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.02 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

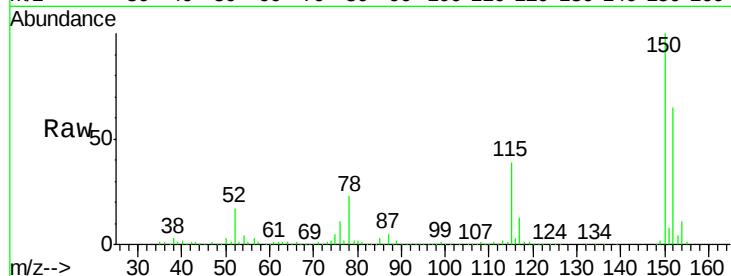
Tgt Ion: 79 Resp: 19113

Ion Ratio Lower Upper

79 100

108 56.2 88.6 132.8#

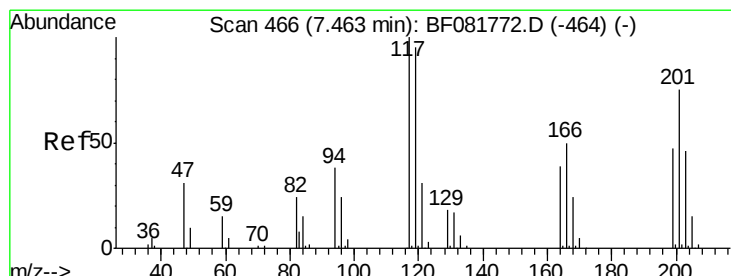
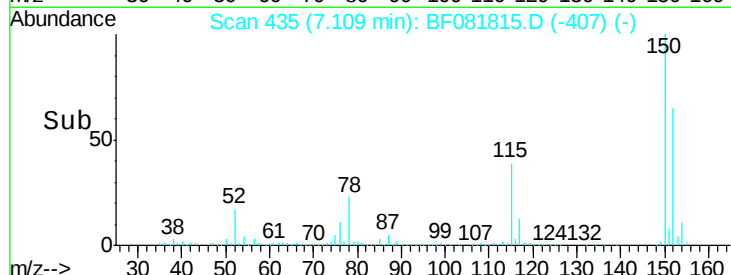
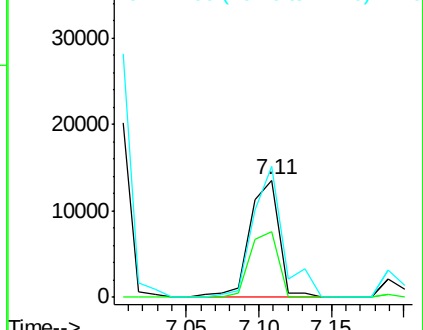
77 111.1 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 20.35 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.06 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

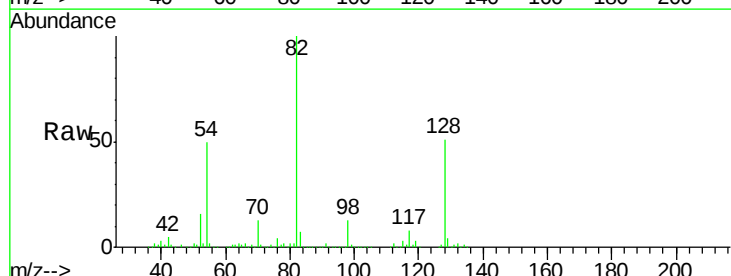
Tgt Ion: 117 Resp: 79252

Ion Ratio Lower Upper

117 100

119 38.0 83.8 125.6#

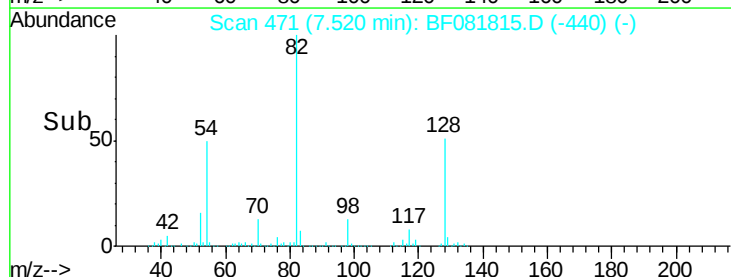
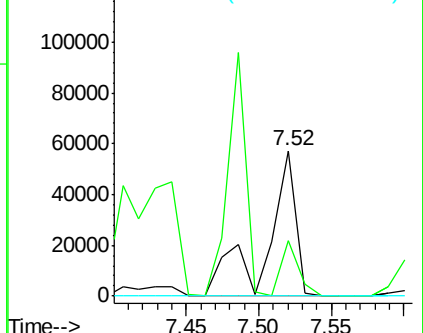
201 0.0 55.1 82.7#

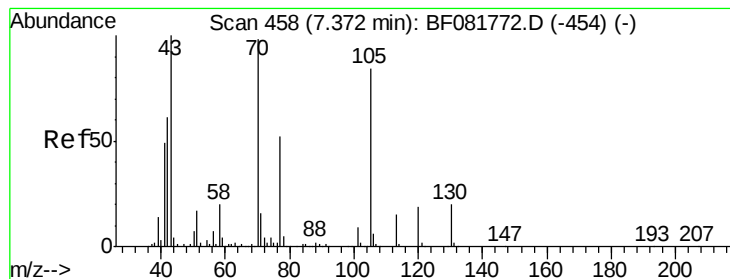


Abundance Ion 117.00 (116.70 to 117.70): BF0

Ion 119.00 (118.70 to 119.70): BF0

Ion 201.00 (200.70 to 201.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.10 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

Tgt Ion: 70 Resp: 130722

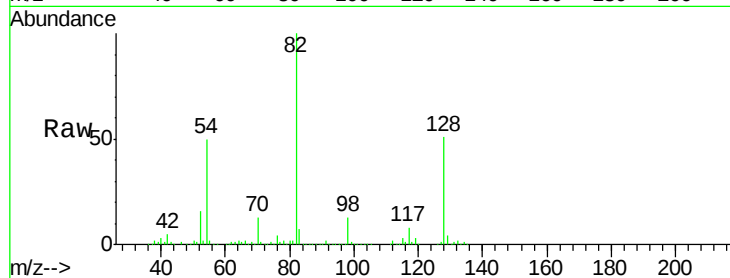
Ion Ratio Lower Upper

70 100

42 41.5 63.8 95.6#

101 0.4 9.2 13.8#

130 2.8 27.3 40.9#

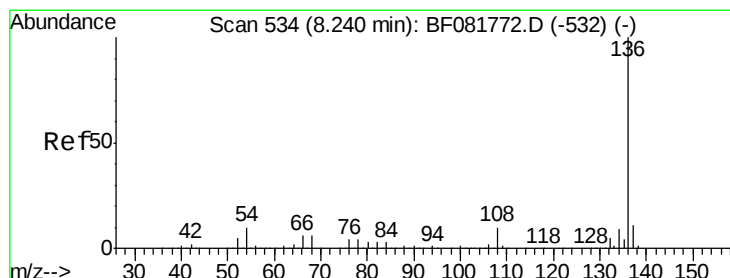
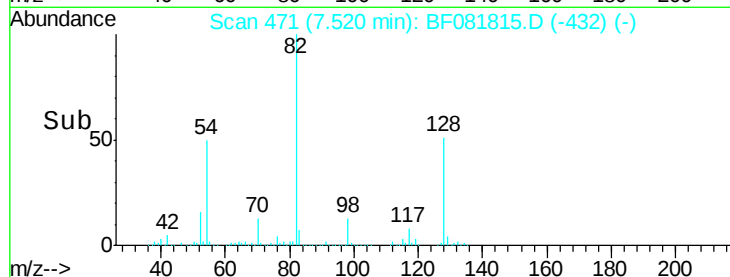
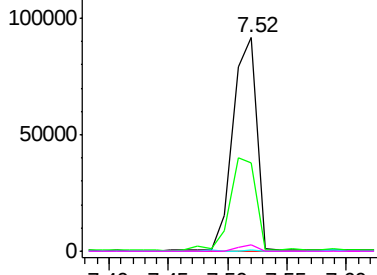


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Tgt Ion: 136 Resp: 520279

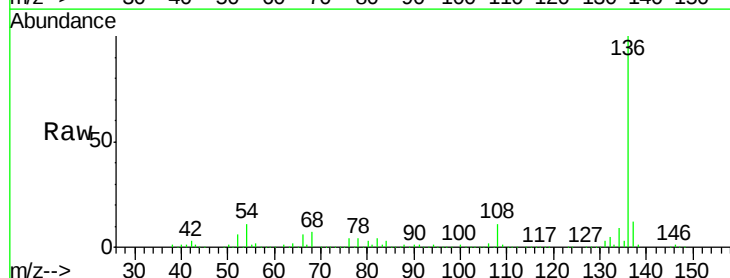
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 10.7 8.2 12.2

68 7.1 5.8 8.6

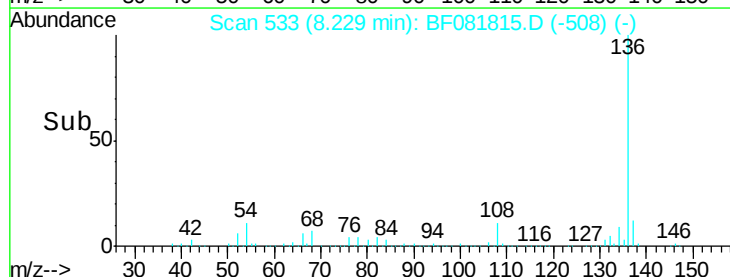
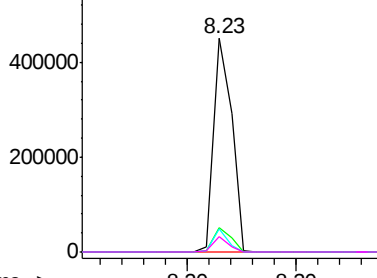


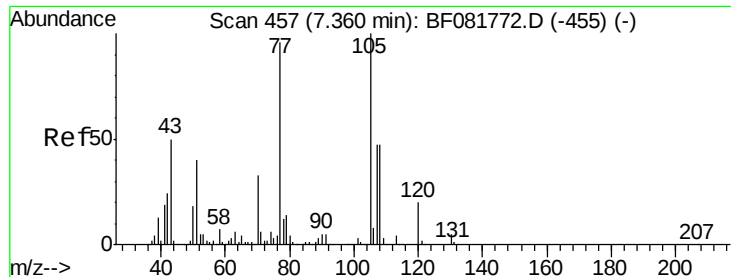
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.89 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

Tgt Ion:105 Resp: 55748

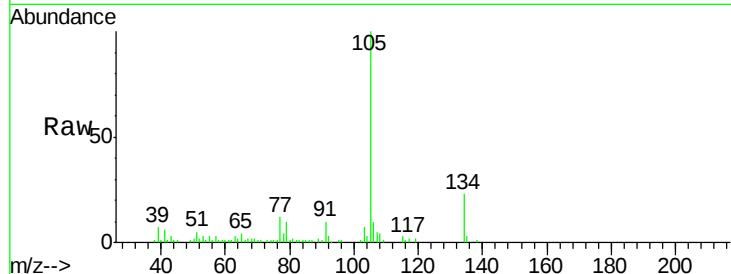
Ion Ratio Lower Upper

105 100

71 0.7 4.7 7.1#

51 5.0 22.0 33.0#

120 0.0 30.1 45.1#

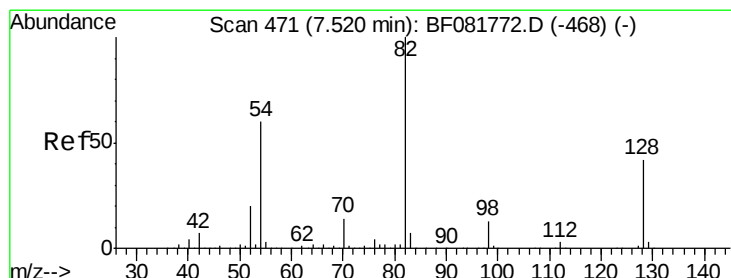
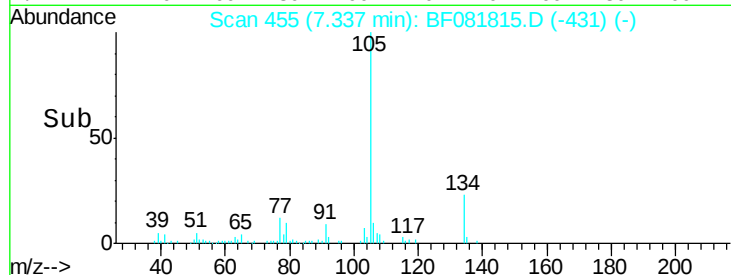
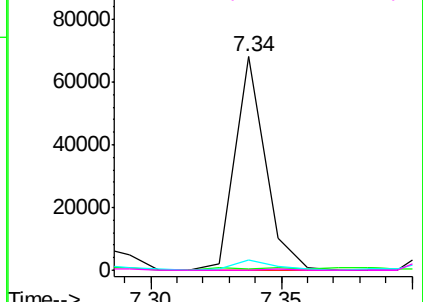


Abundance Ion 105.00 (104.70 to 105.70): E

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: 120.06 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

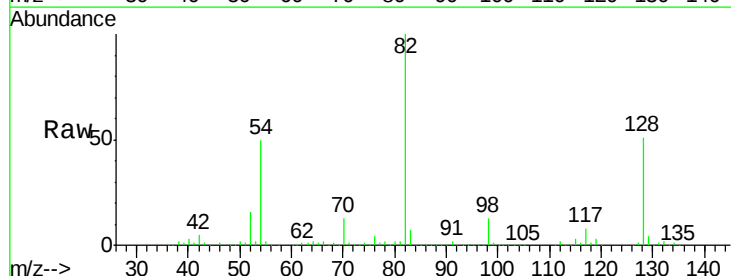
Tgt Ion: 82 Resp: 946687

Ion Ratio Lower Upper

82 100

128 51.3 51.0 76.6

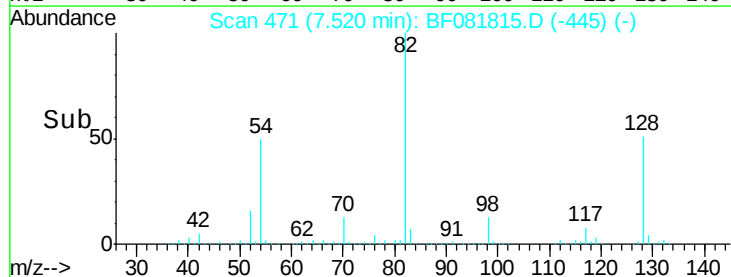
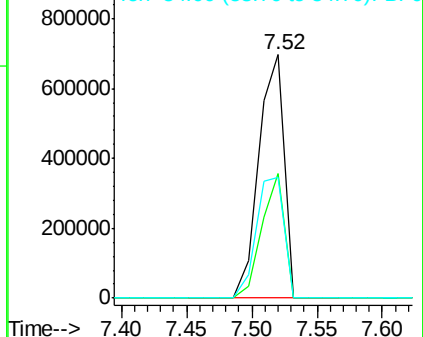
54 49.7 47.5 71.3

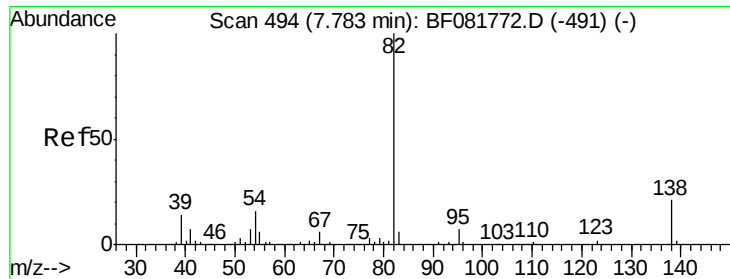


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.69 ng

RT: 7.52 min Scan# 471

Delta R.T. -0.26 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

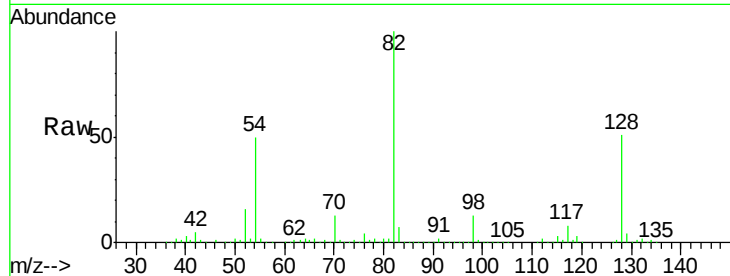
Tgt Ion: 82 Resp: 867976

Ion Ratio Lower Upper

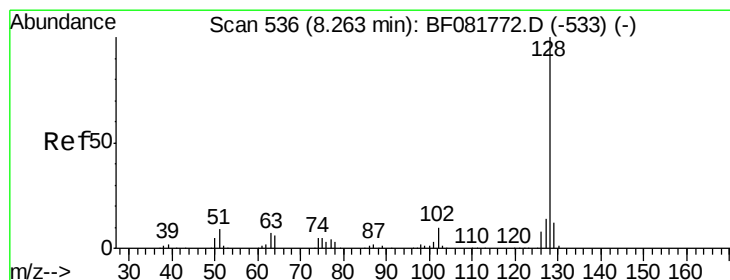
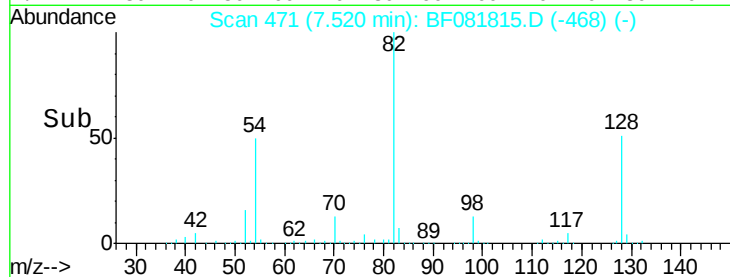
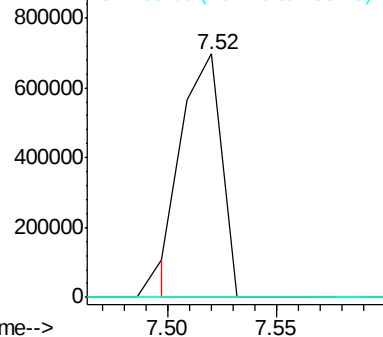
82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 6.01 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

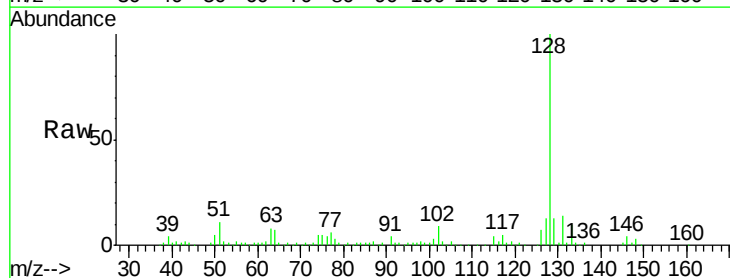
Tgt Ion: 128 Resp: 144134

Ion Ratio Lower Upper

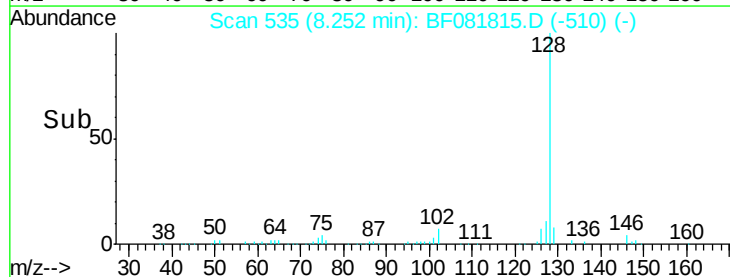
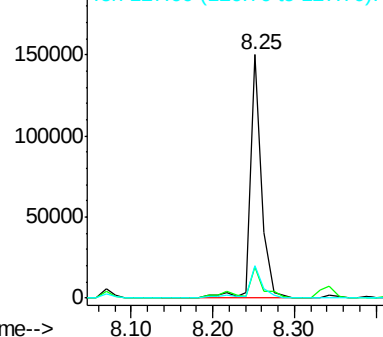
128 100

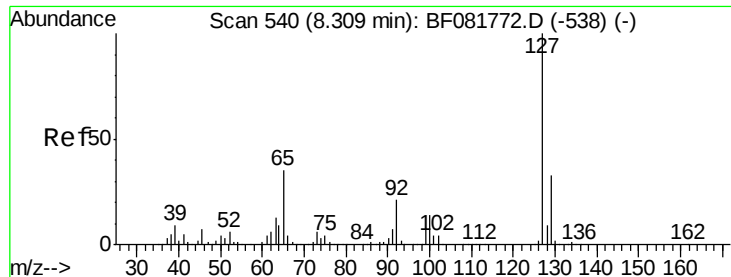
129 12.7 8.4 12.6#

127 13.3 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

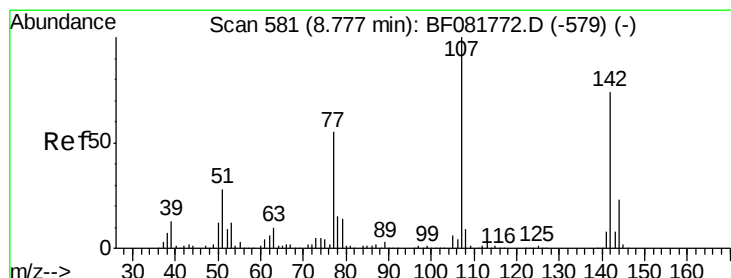
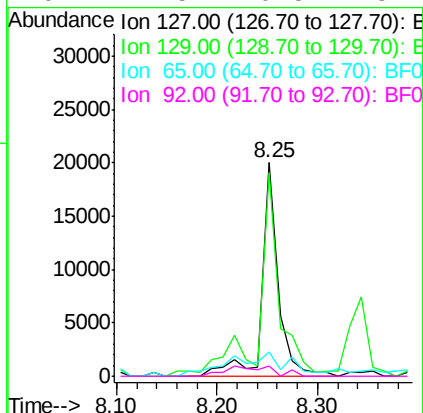
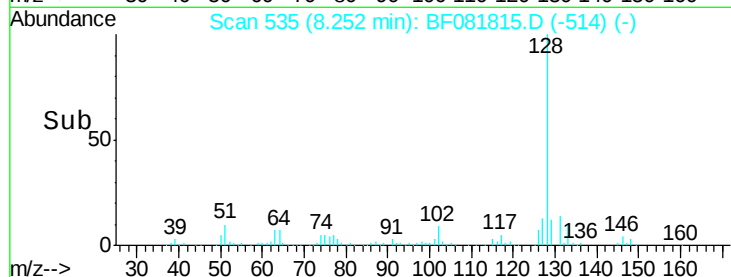
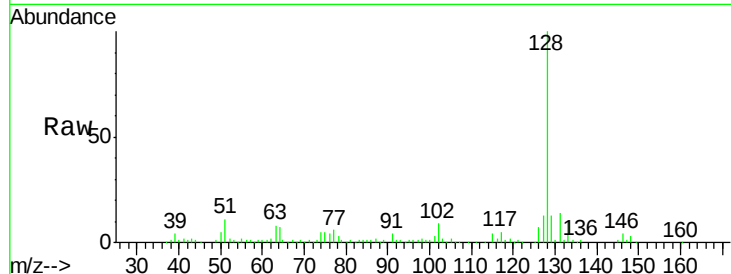




#33
4-Chloroaniline
Concen: 2.15 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF081815.D
Acq: 25 Sep 2015 21:27

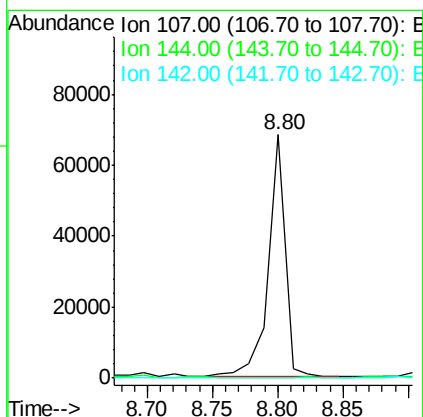
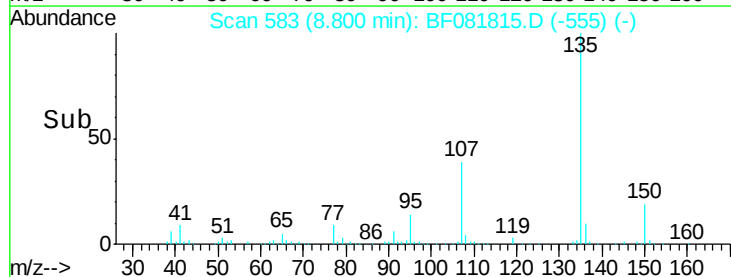
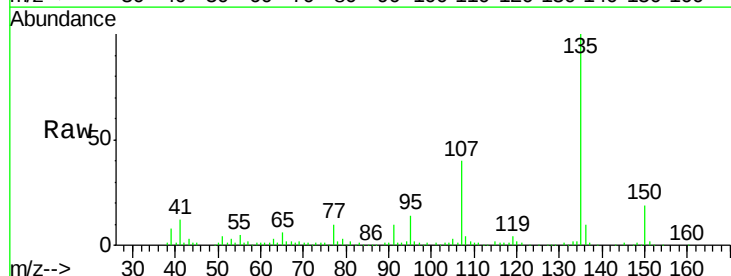
Instrument :
BNA_F
ClientSampleId :
MW-9-9-15-15

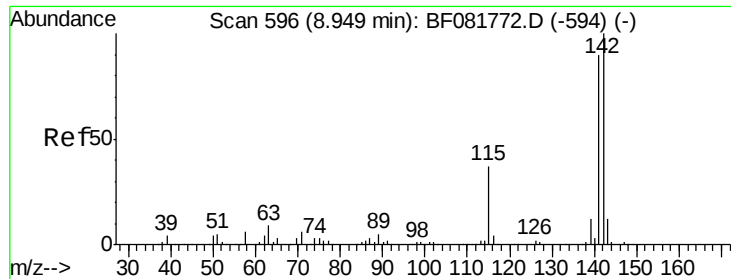
Tgt Ion:	127	Resp:	22606
Ion	Ratio	Lower	Upper
127	100		
129	95.0	25.8	38.6#
65	11.1	17.9	26.9#
92	4.5	10.5	15.7#



#36
4-Chloro-3-methylphenol
Concen: 8.46 ng
RT: 8.80 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF081815.D
Acq: 25 Sep 2015 21:27

Tgt Ion:	107	Resp:	62556
Ion	Ratio	Lower	Upper
107	100		
144	0.0	25.4	38.0#
142	0.0	77.3	115.9#

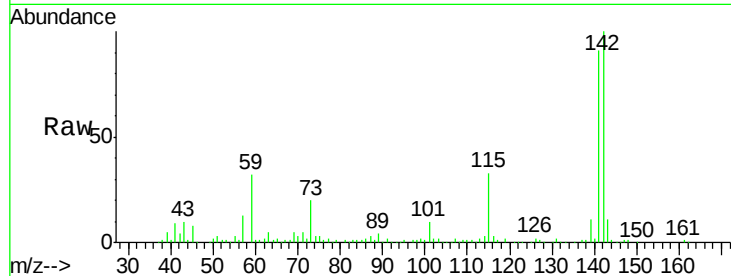




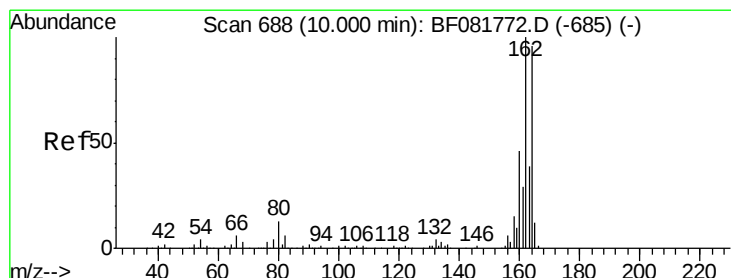
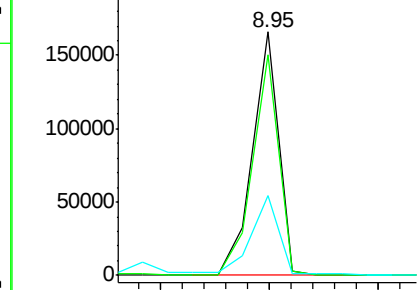
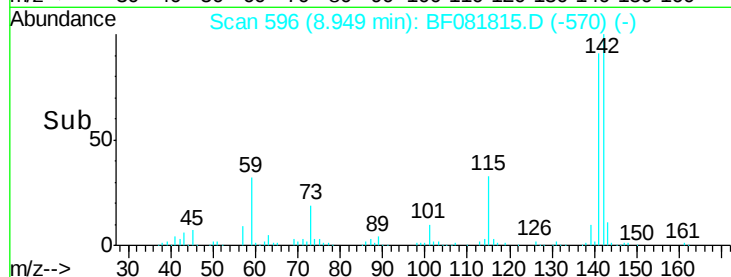
#37
2-Methylnaphthalene
Concen: 8.11 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081815.D
Acq: 25 Sep 2015 21:27

Instrument :
BNA_F
ClientSampleId :
MW-9-9-15-15

Tgt Ion:142 Resp: 138711
Ion Ratio Lower Upper
142 100
141 90.7 67.5 101.3
115 33.0 18.2 27.2#

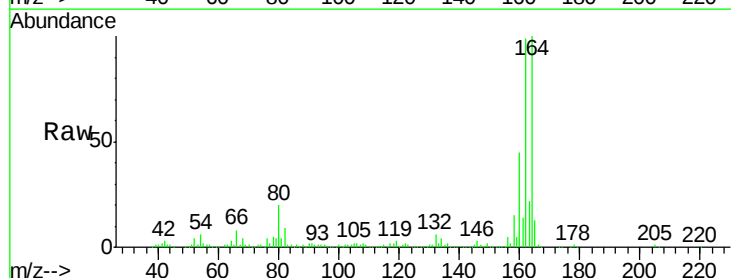


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

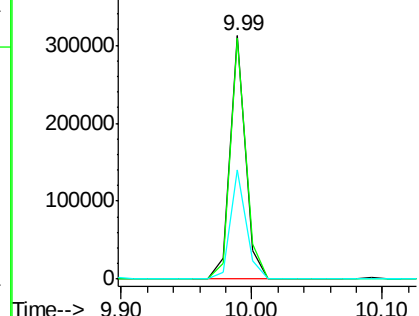
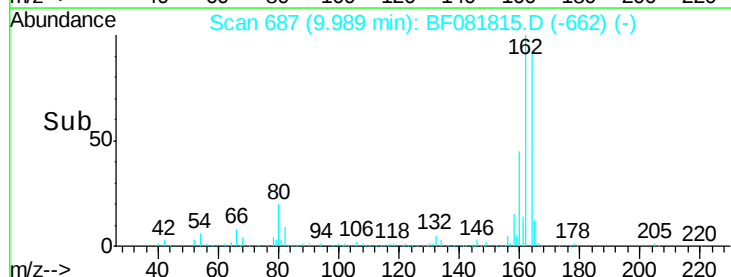


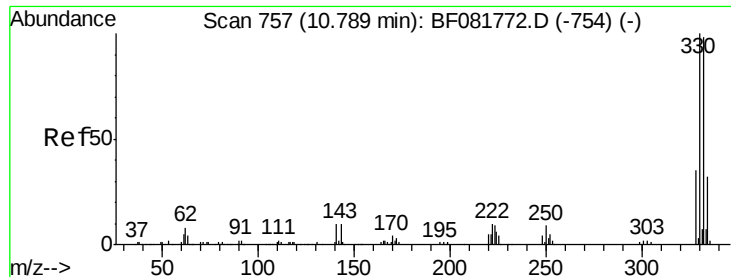
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081815.D
Acq: 25 Sep 2015 21:27

Tgt Ion:164 Resp: 258889
Ion Ratio Lower Upper
164 100
162 98.9 75.2 112.8
160 44.6 31.5 47.3



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

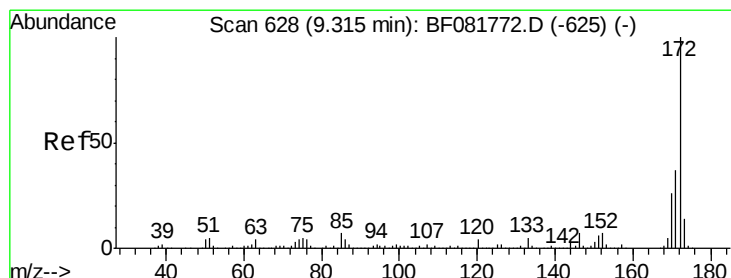
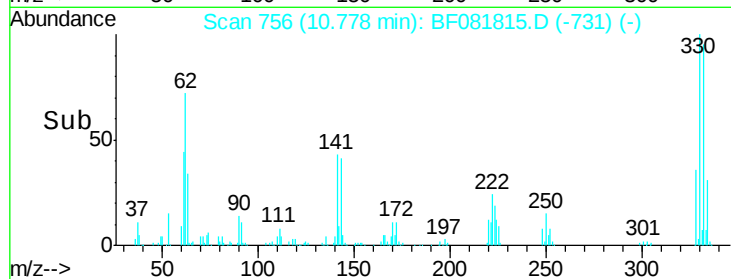
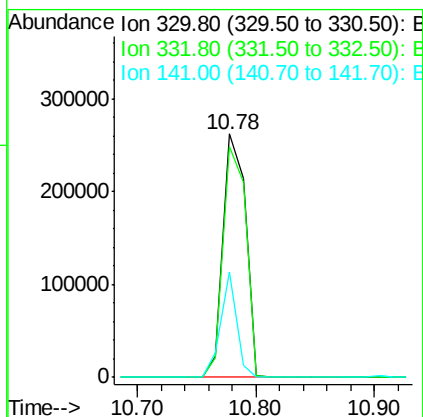
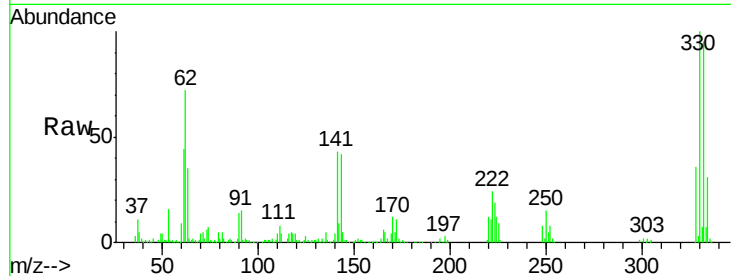




#41
 2,4,6-Tribromophenol
 Concen: 153.58 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081815.D
 Acq: 25 Sep 2015 21:27

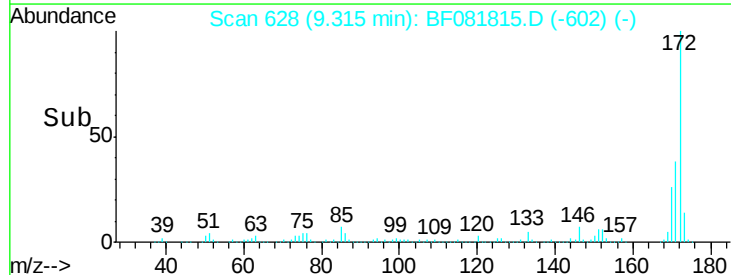
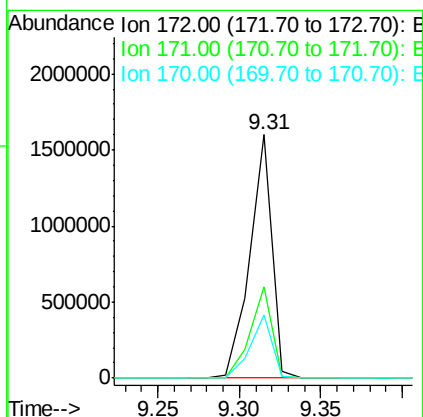
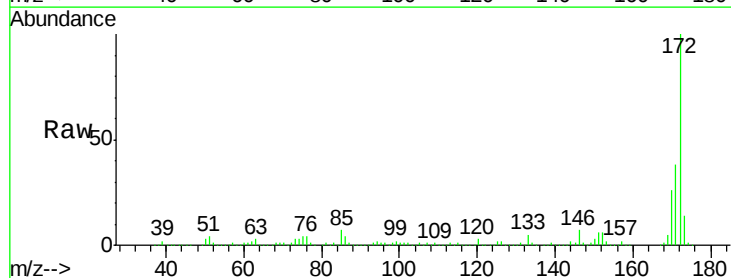
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-15-15

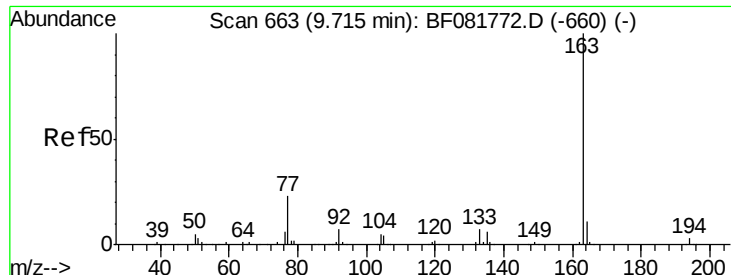
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	30.8	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 95.05 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081815.D
 Acq: 25 Sep 2015 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.9	17.4	26.2

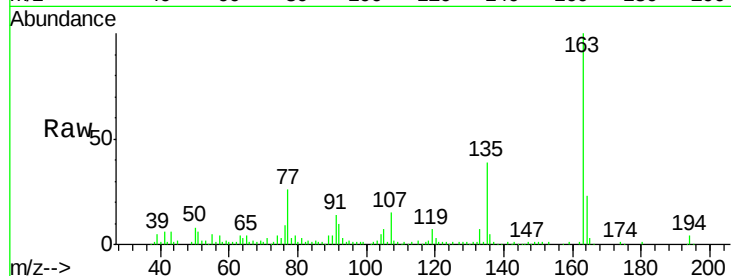




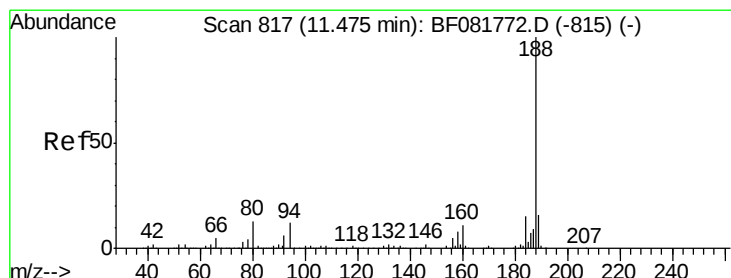
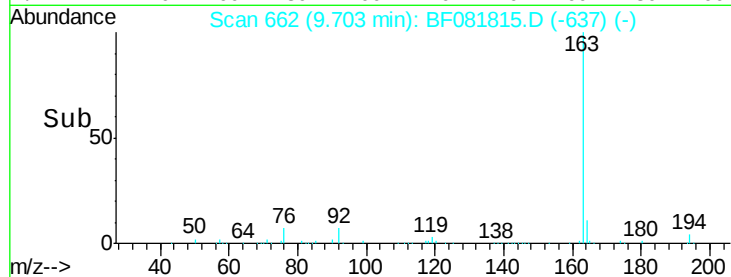
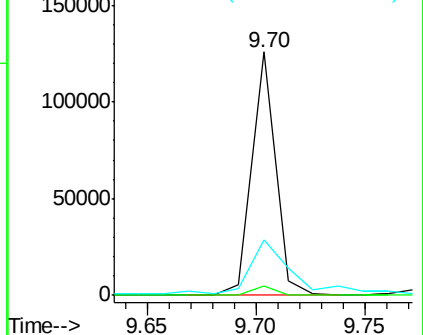
#49
Dimethylphthalate
Concen: 4.89 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081815.D
Acq: 25 Sep 2015 21:27

Instrument :
BNA_F
ClientSampleId :
MW-9-9-15-15

Tgt Ion:163 Resp: 96253
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 22.8 8.3 12.5#

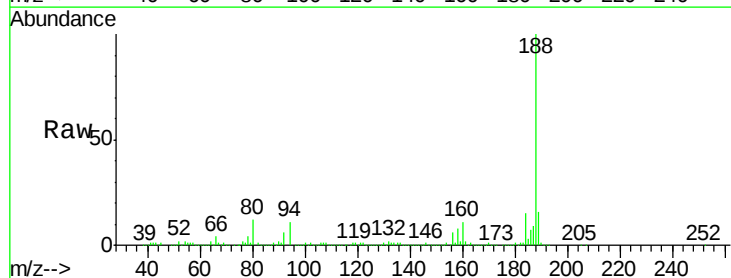


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

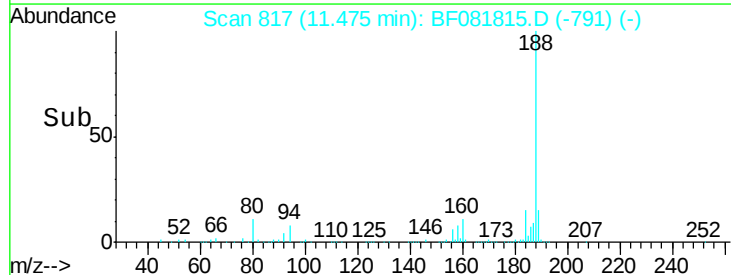
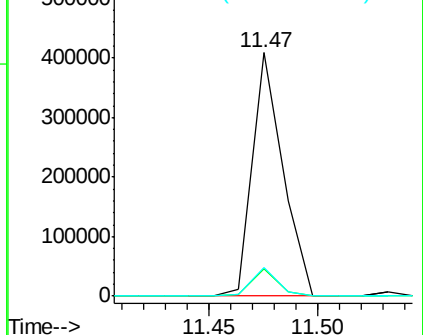


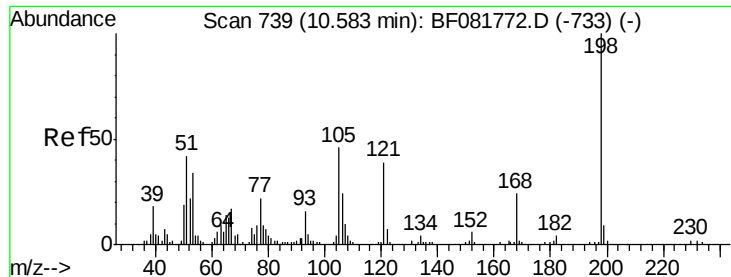
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081815.D
Acq: 25 Sep 2015 21:27

Tgt Ion:188 Resp: 399315
Ion Ratio Lower Upper
188 100
94 11.2 11.1 16.7
80 11.9 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: 7.77 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

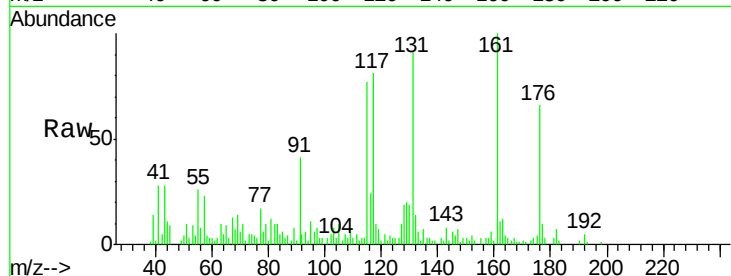
Tgt Ion:198 Resp: 225

Ion Ratio Lower Upper

198 100

51 827.1 39.6 79.6#

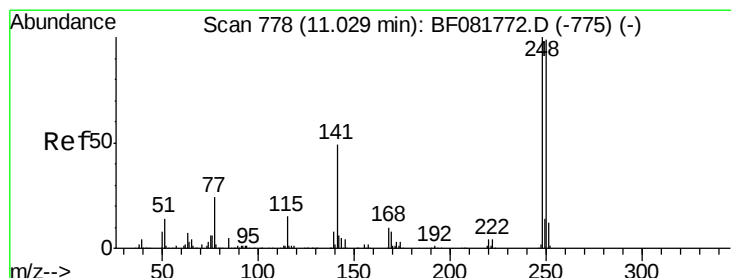
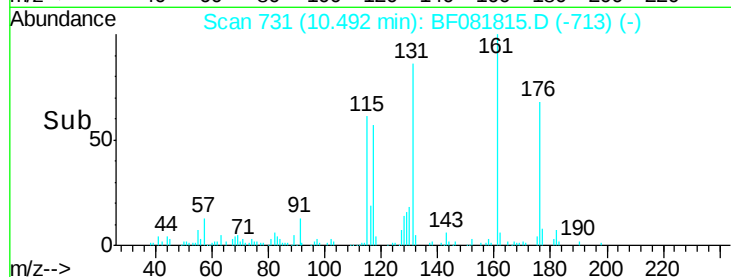
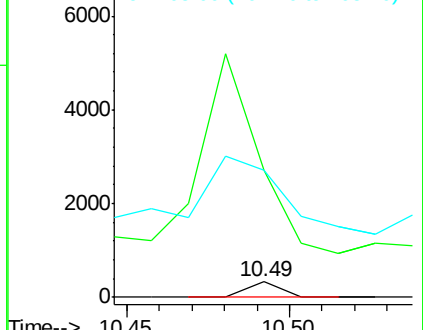
105 828.7 28.5 68.5#



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: 4.75 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

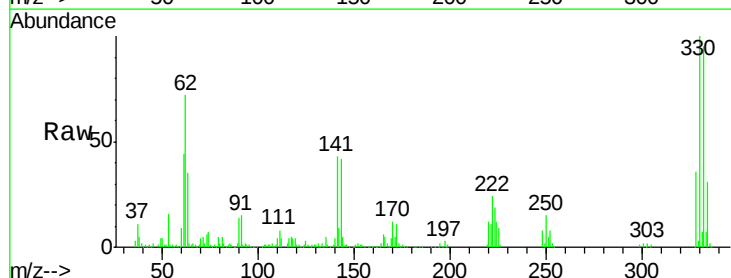
Tgt Ion:248 Resp: 21124

Ion Ratio Lower Upper

248 100

250 190.4 78.5 117.7#

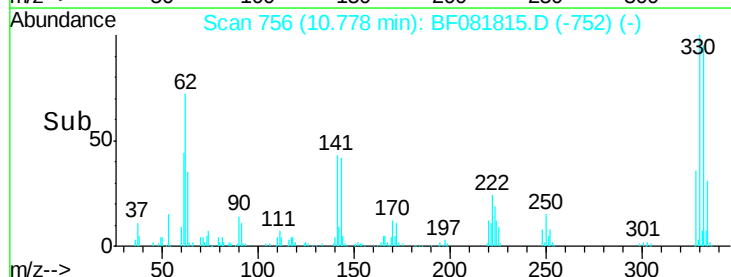
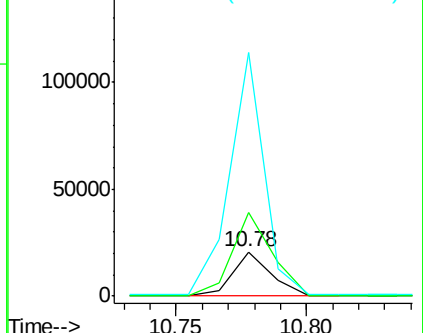
141 551.3 59.0 88.6#

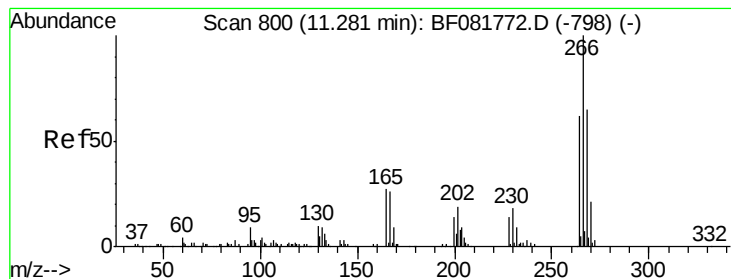


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Pentachlorophenol

Concen: 5.75 ng

RT: 11.28 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

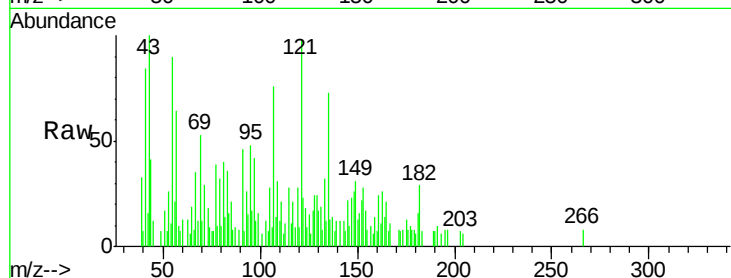
Tgt Ion:266 Resp: 278

Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

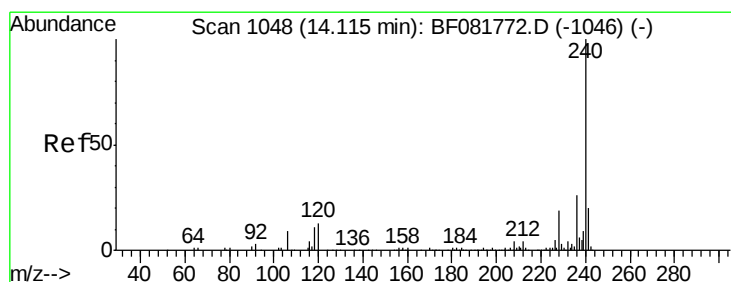
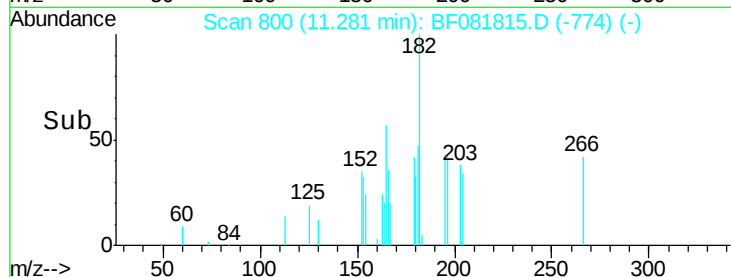
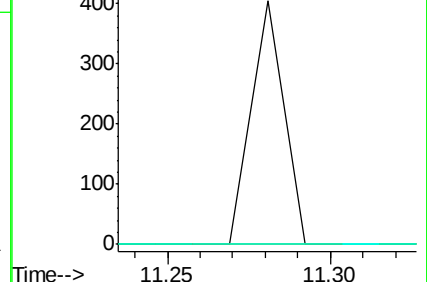
264 0.0 50.2 75.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081815.D

Acq: 25 Sep 2015 21:27

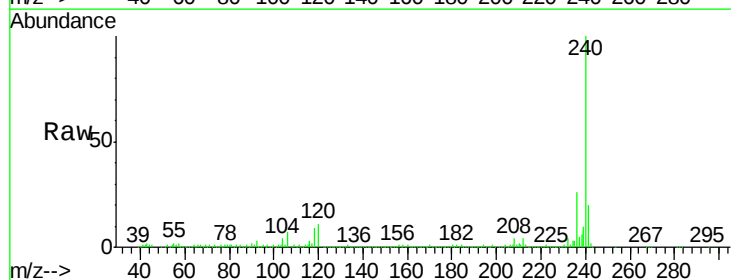
Tgt Ion:240 Resp: 351208

Ion Ratio Lower Upper

240 100

120 10.7 16.2 24.2#

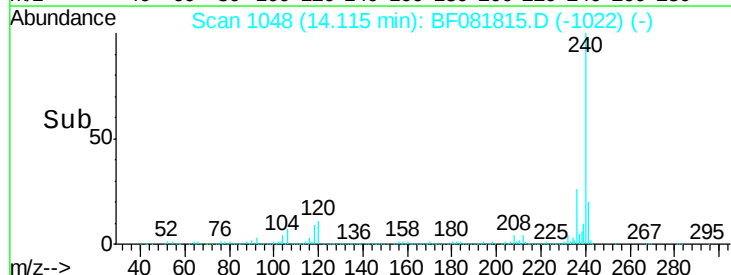
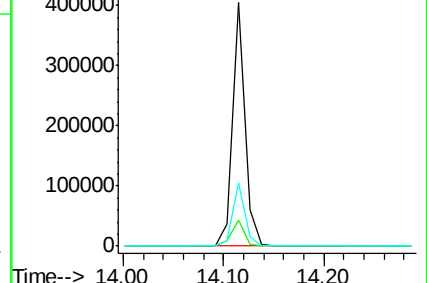
236 26.1 18.4 27.6

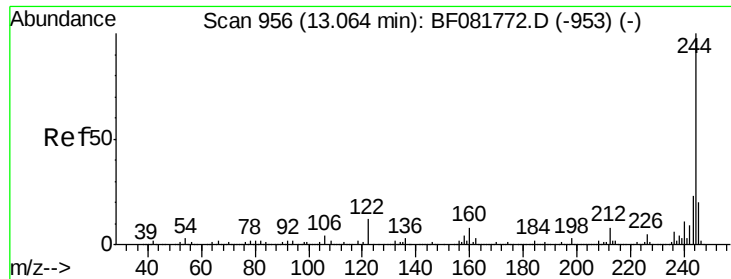


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

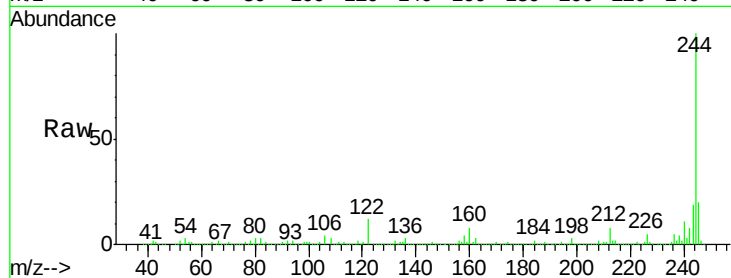




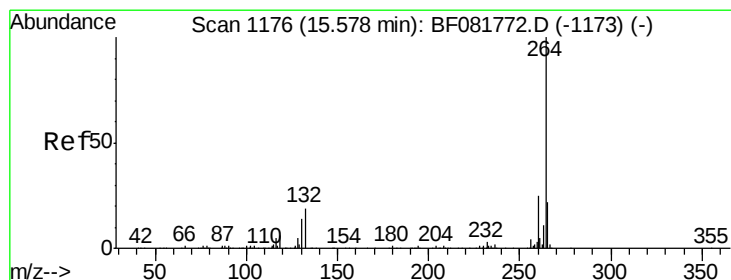
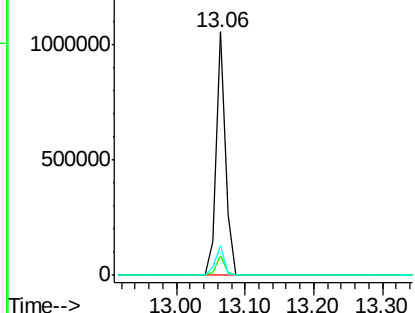
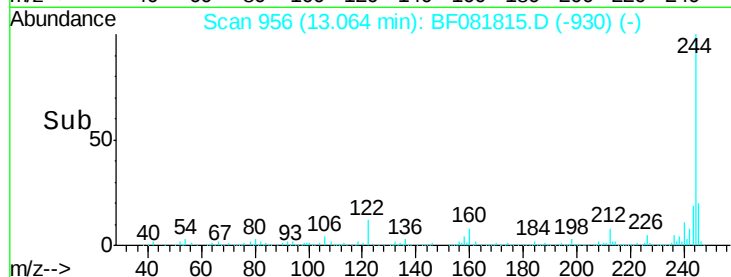
#78
 Terphenyl-d14
 Concen: 65.84 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081815.D
 Acq: 25 Sep 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-15-15

Tgt Ion:244 Resp: 1012251
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 12.2 17.4 26.2#

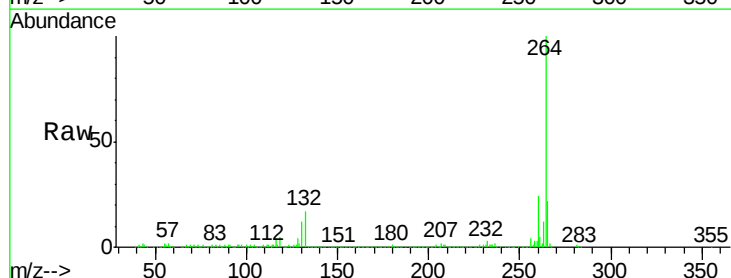


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081815.D
 Acq: 25 Sep 2015 21:27

Tgt Ion:264 Resp: 337662
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 22.1 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

