

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
 Data File : BF078244.D
 Acq On : 3 Apr 2015 16:17
 Operator : TP/IZ
 Sample : G1719-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-105-33015DL

Quant Time: Apr 03 17:22:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 14:42:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	39220	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	161404	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	79085	20.00	ng	-0.01
63) Phenanthrene-d10	12.55	188	159584	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	164152	20.00	ng	-0.01
86) Perylene-d12	17.53	264	158178	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	23717	9.97	ng	0.00
7) Phenol-d6	6.59	99	18034	6.05	ng	0.02
23) Nitrobenzene-d5	7.68	82	44135	16.57	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	18167	27.70	ng	-0.01
44) 2-Fluorobiphenyl	9.90	172	104342	18.86	ng	0.00
78) Terphenyl-d14	14.55	244	121333	16.70	ng	-0.01

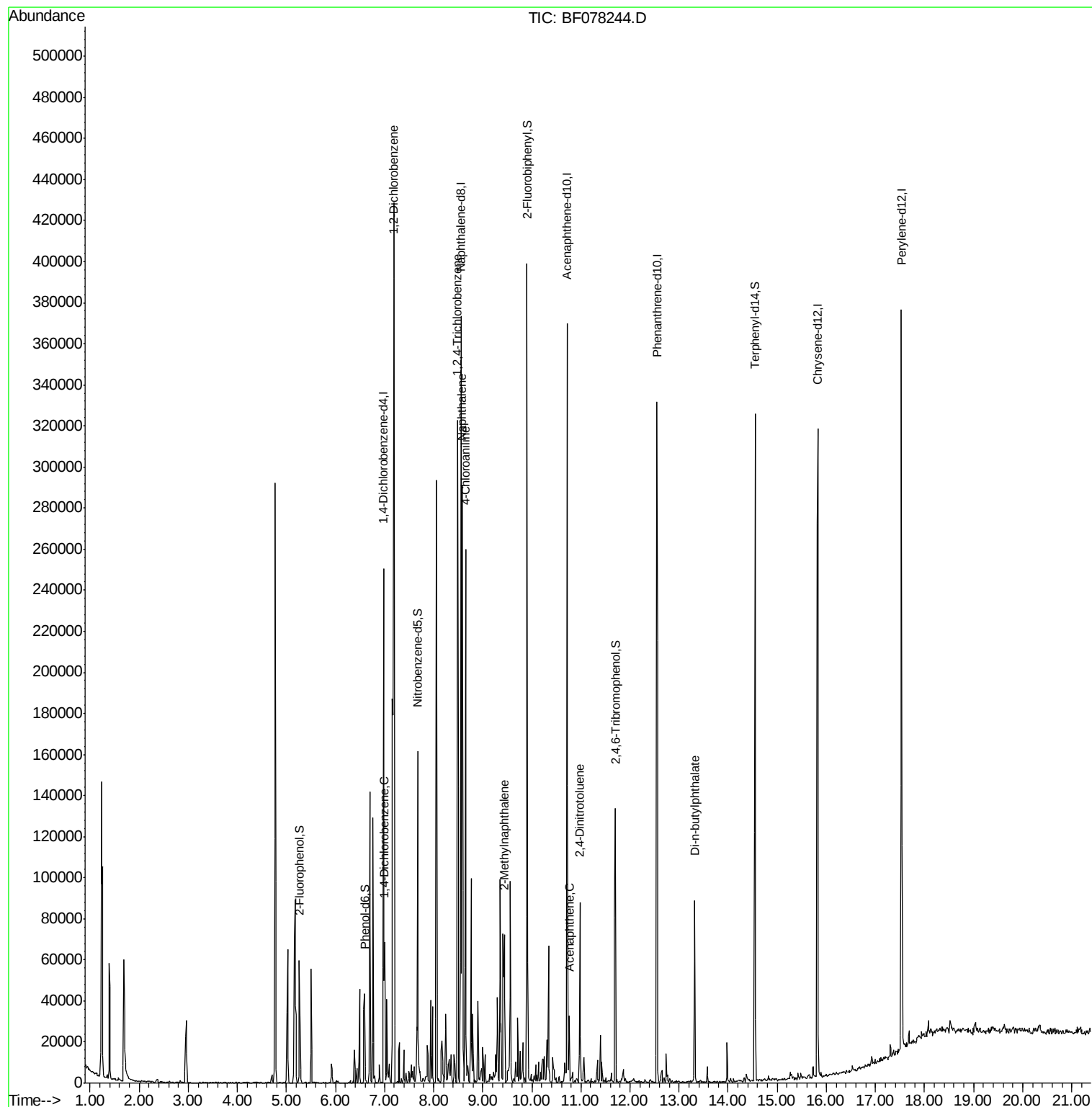
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) 1,4-Dichlorobenzene	7.00	146	18191	5.85	ng	94
14) 1,2-Dichlorobenzene	7.18	146	83891	28.77	ng	94
30) 1,2,4-Trichlorobenzene	8.49	180	68605	26.66	ng	# 94
31) Naphthalene	8.58	128	140454	16.72	ng	98
33) 4-Chloroaniline	8.65	127	72106	20.68	ng	98
37) 2-Methylnaphthalene	9.44	142	27937	4.90	ng	96
51) Acenaphthene	10.76	154	9889	2.14	ng	100
56) 2,4-Dinitrotoluene	10.98	165	12830	8.10	ng	# 61
73) Di-n-butylphthalate	13.32	149	62713	6.49	ng	99

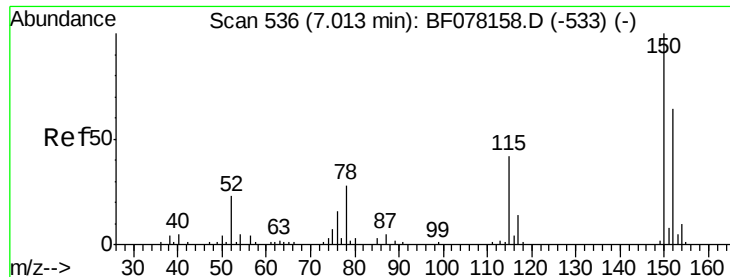
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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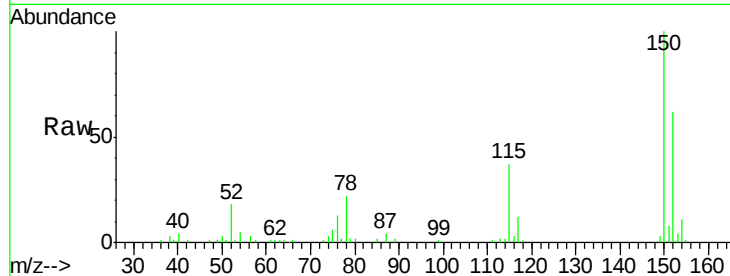


#1

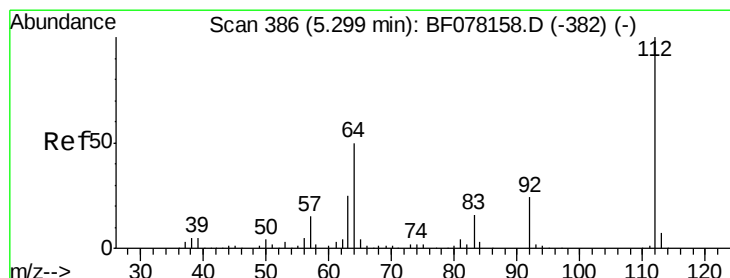
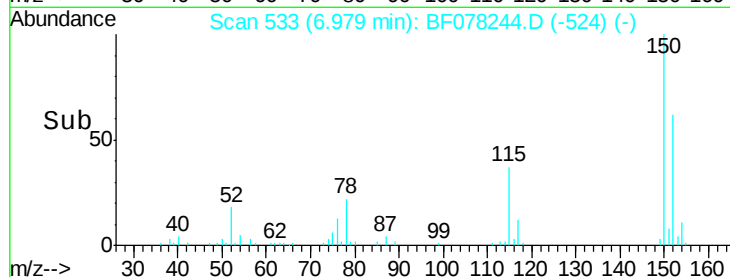
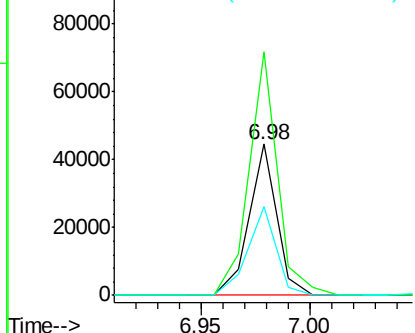
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078244.D
Acq: 3 Apr 2015 16:17

Instrument :
BNA_F
ClientSampleId :
DCW-WW-105-33015DL

Tot Ion:152 Resp: 39220
Ion Ratio Lower Upper
152 100
150 161.3 125.9 188.9
115 58.9 52.7 79.1



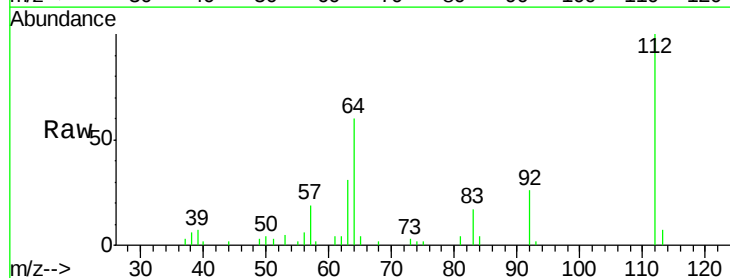
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



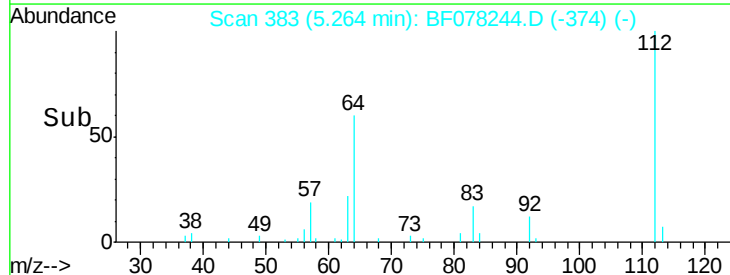
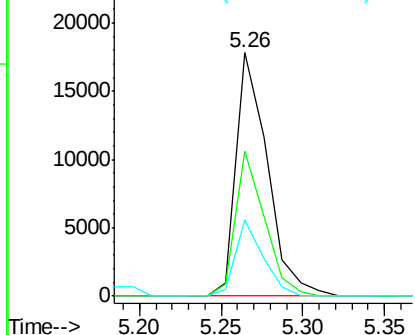
#5

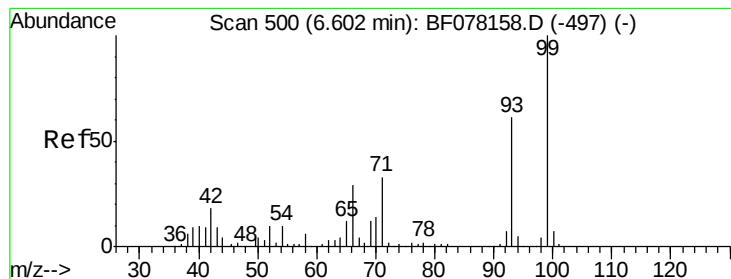
2-Fluorophenol
Concen: 9.97 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078244.D
Acq: 3 Apr 2015 16:17

Tgt Ion:112 Resp: 23717
Ion Ratio Lower Upper
112 100
64 59.6 39.9 59.9
63 31.4 20.2 30.4#



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: 6.05 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.02 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-105-33015DL

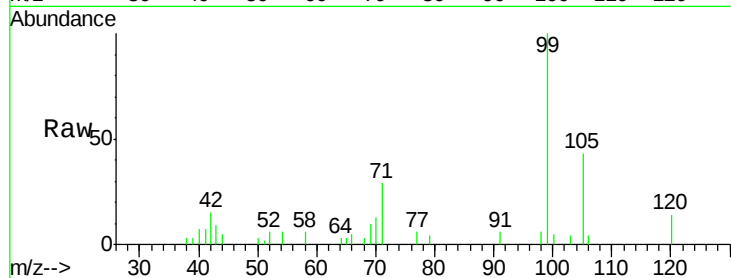
Tot Ion: 99 Resp: 18034

Ion Ratio Lower Upper

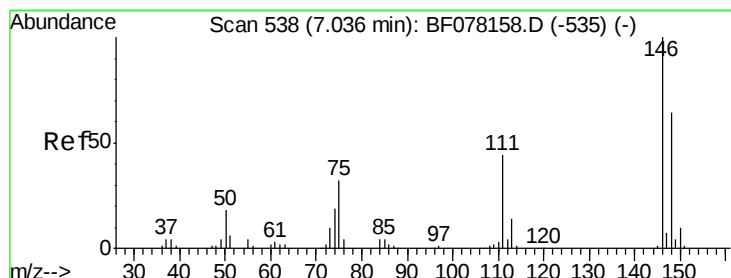
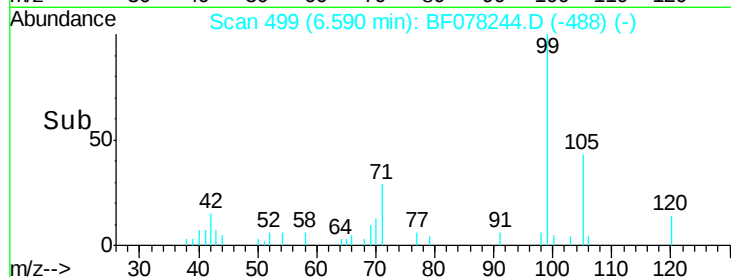
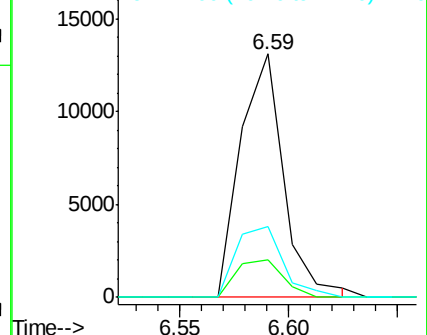
99 100

42 15.5 14.8 22.2

71 29.3 26.6 39.8



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



#13

1,4-Dichlorobenzene

Concen: 5.85 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

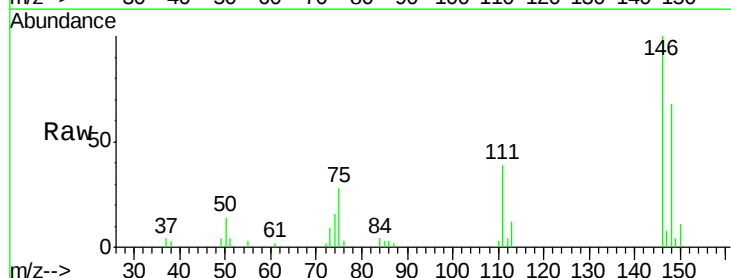
Tgt Ion: 146 Resp: 18191

Ion Ratio Lower Upper

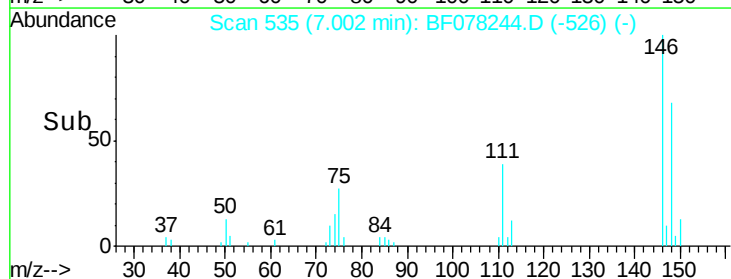
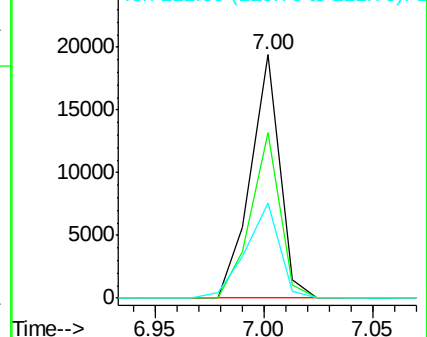
146 100

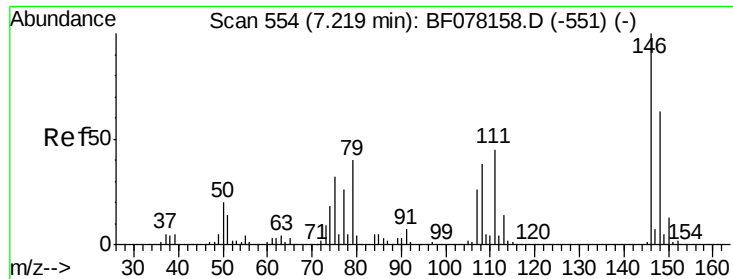
148 68.1 51.4 77.0

111 39.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 28.77 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-105-33015DL

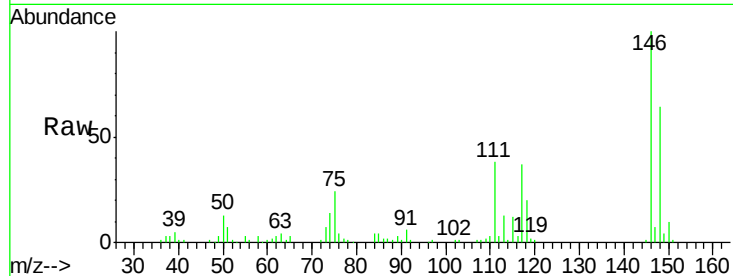
Tot Ion:146 Resp: 83891

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.4

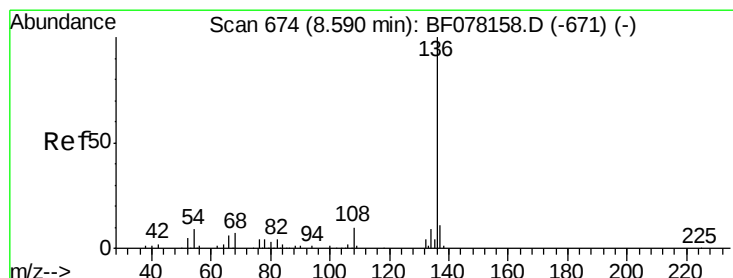
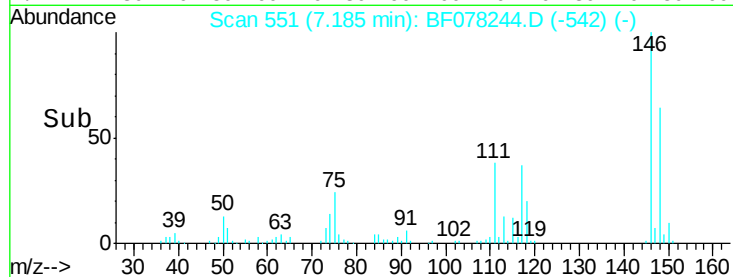
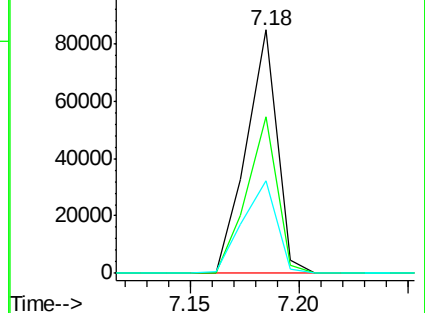
111 37.8 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Tgt Ion:136 Resp: 161404

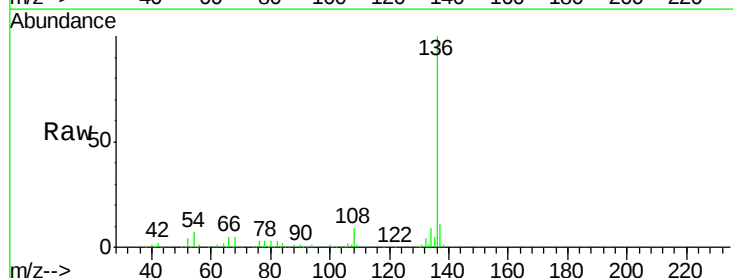
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.8 7.0 10.6#

68 5.4 5.4 8.2#

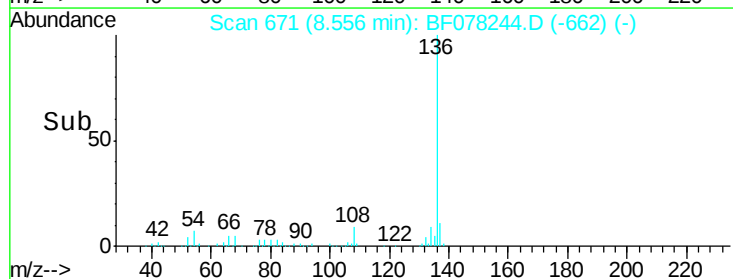
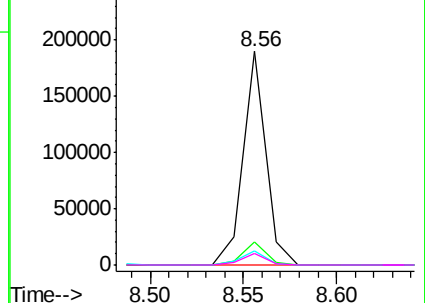


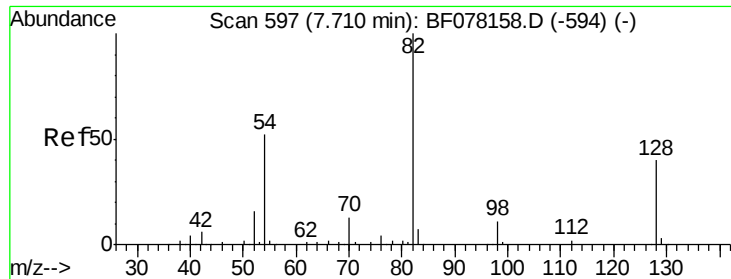
Abundance Ion 136.00 (135.70 to 136.70): E

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

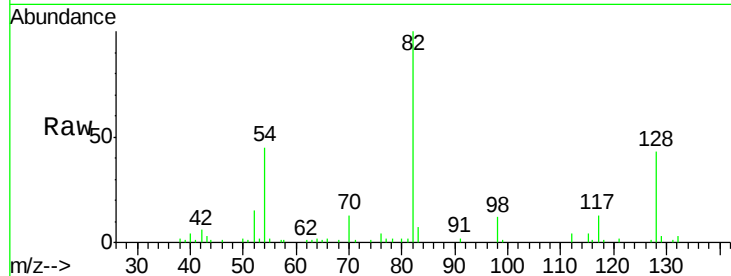




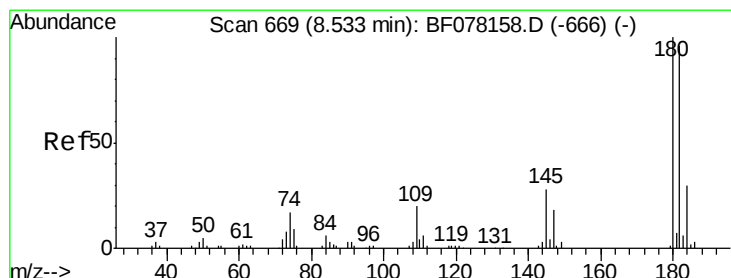
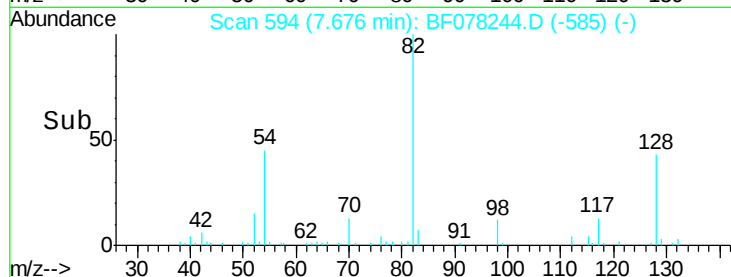
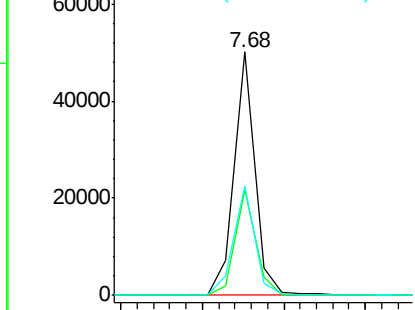
#23
Nitrobenzene-d5
Concen: 16.57 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078244.D
Acq: 3 Apr 2015 16:17

Instrument :
BNA_F
ClientSampleId :
DCW-WW-105-33015DL

Tot Ion	82	Resp	44135
Ion Ratio	Lower	Upper	
82	100		
128	43.3	31.8	47.8
54	44.7	41.5	62.3

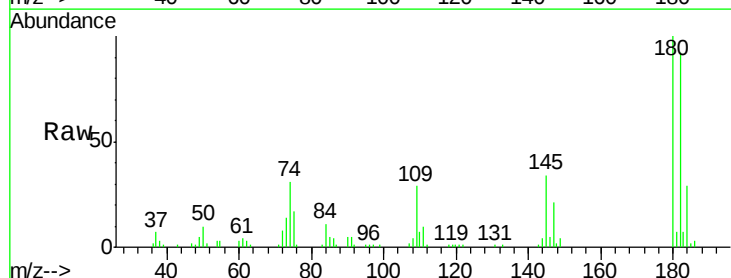


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

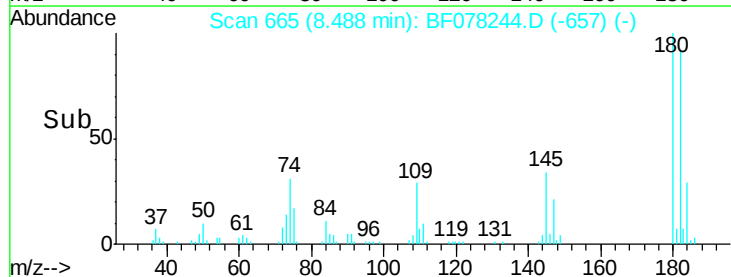
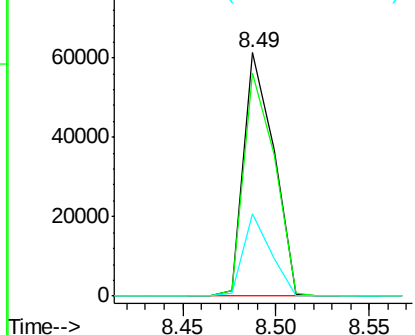


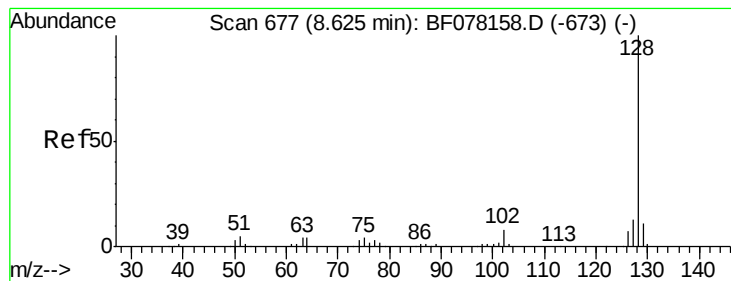
#30
1,2,4-Trichlorobenzene
Concen: 26.66 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF078244.D
Acq: 3 Apr 2015 16:17

Tgt Ion	180	Resp	68605
Ion Ratio	Lower	Upper	
180	100		
182	91.9	76.9	115.3
145	34.1	22.5	33.7#



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





#31

Naphthalene

Concen: 16.72 ng

RT: 8.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-105-33015DL

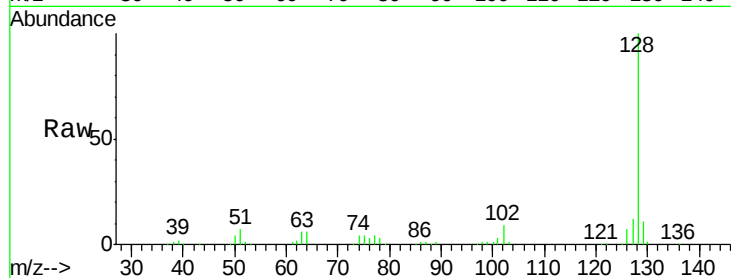
Tot Ion:128 Resp: 140454

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

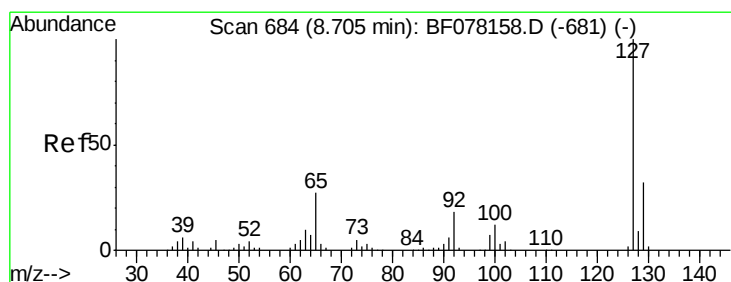
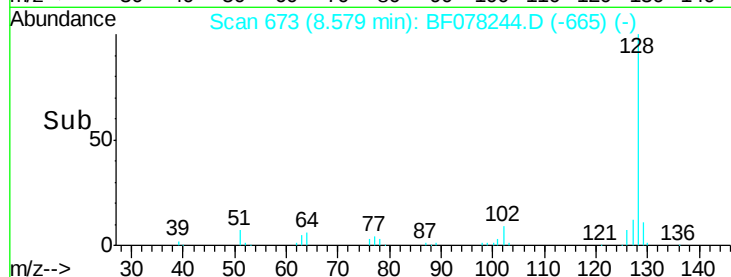
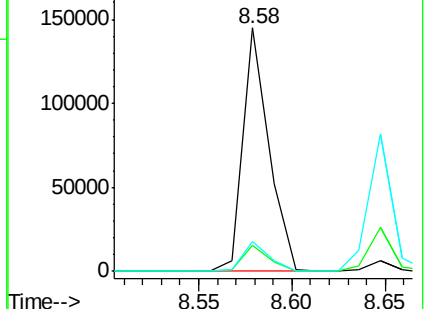
127 12.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 20.68 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Tgt Ion:127 Resp: 72106

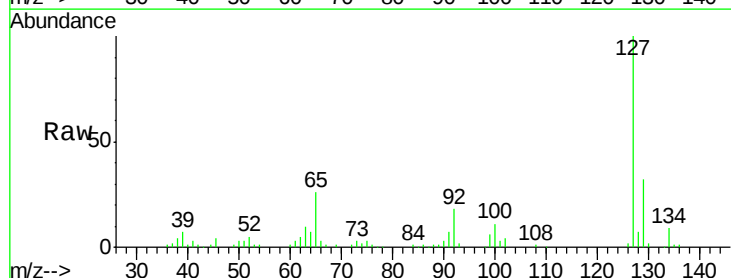
Ion Ratio Lower Upper

127 100

129 32.3 25.5 38.3

65 25.6 21.7 32.5

92 17.8 14.6 21.8

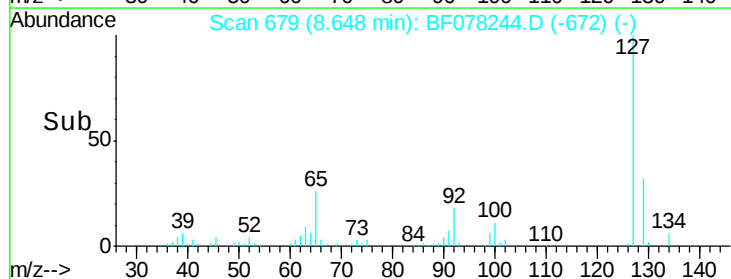
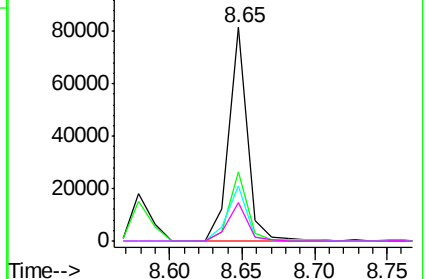


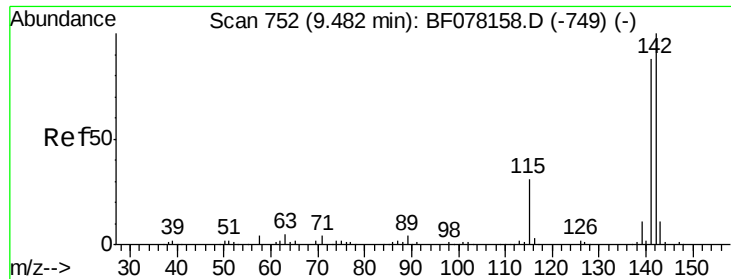
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

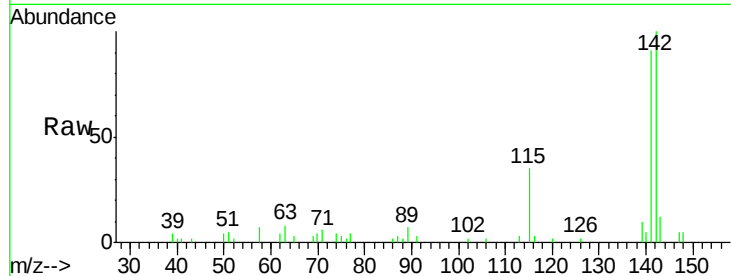




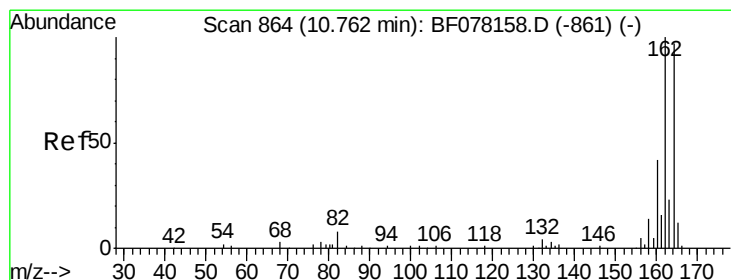
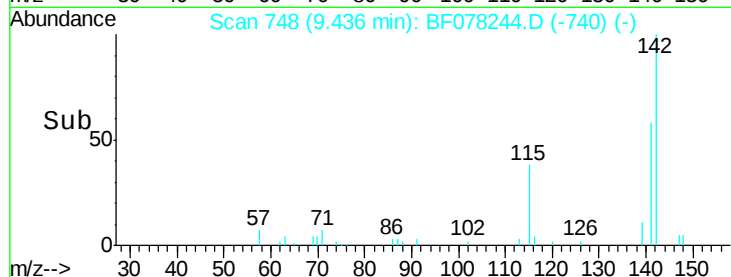
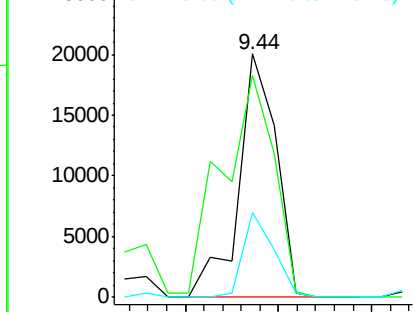
#37
 2-Methylnaphthalene
 Concen: 4.90 ng
 RT: 9.44 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF078244.D
 Acq: 3 Apr 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-105-33015DL

Tot Ion:142 Resp: 27937
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.3 105.5
 115 34.8 24.6 37.0

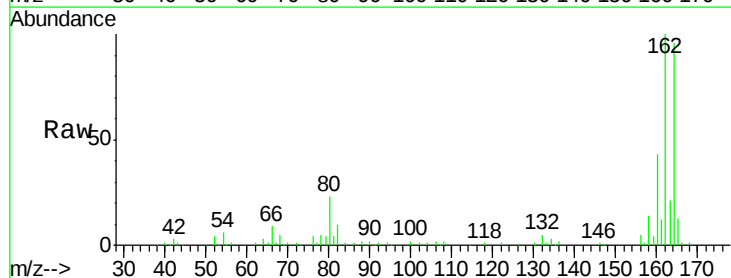


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

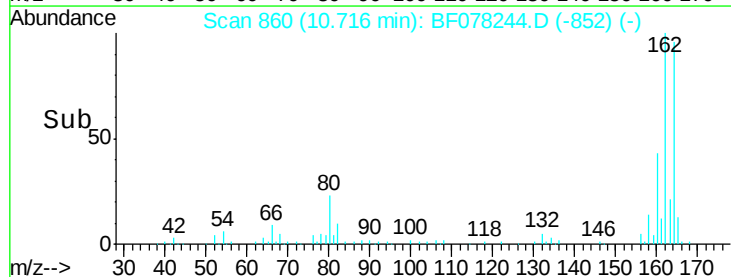
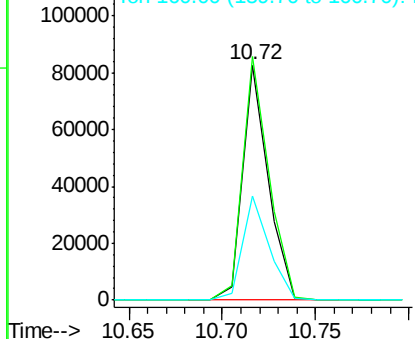


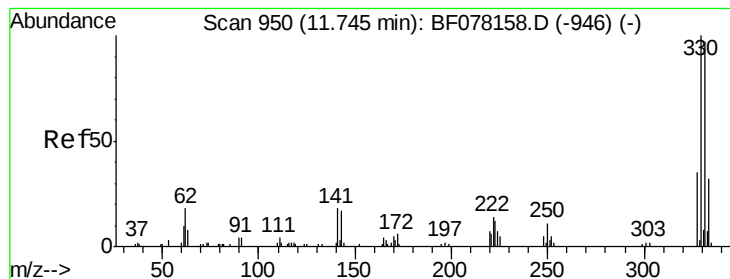
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF078244.D
 Acq: 3 Apr 2015 16:17

Tgt Ion:164 Resp: 79085
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 44.1 34.7 52.1



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

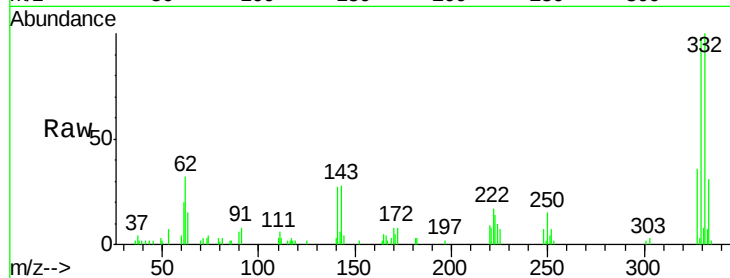




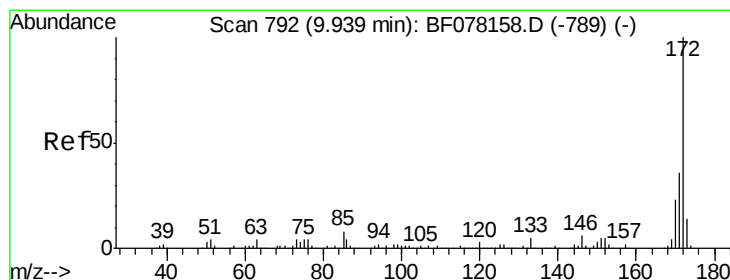
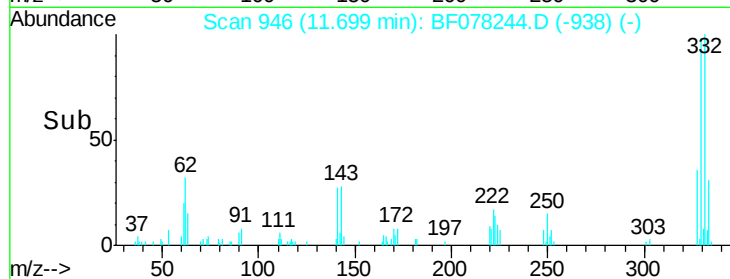
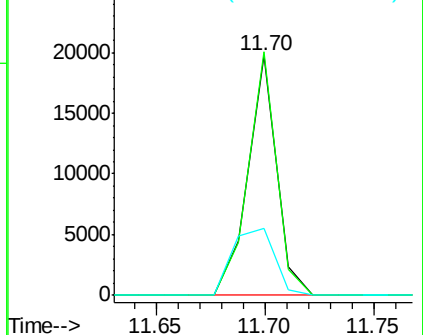
#41
 2,4,6-Tribromophenol
 Concen: 27.70 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF078244.D
 Acq: 3 Apr 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-105-33015DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.6	78.6	117.8
141	40.8	31.2	46.8

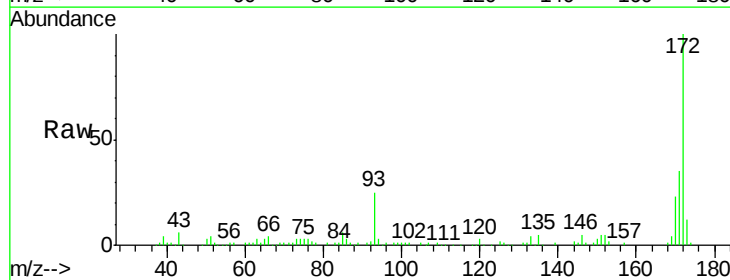


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

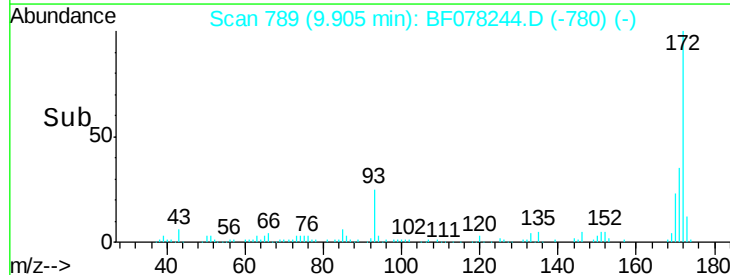
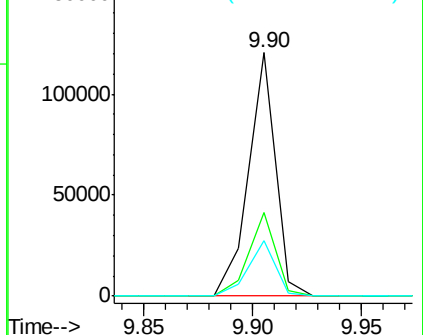


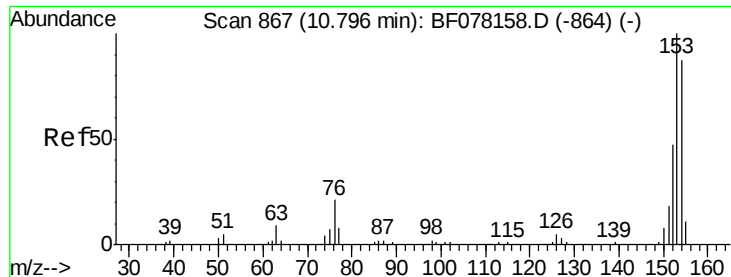
#44
 2-Fluorobiphenyl
 Concen: 18.86 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078244.D
 Acq: 3 Apr 2015 16:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.5	18.5	27.7



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





#51

Acenaphthene

Concen: 2.14 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-105-33015DL

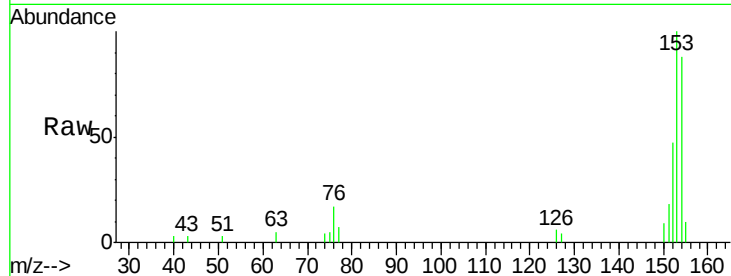
Tot Ion:154 Resp: 9889

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

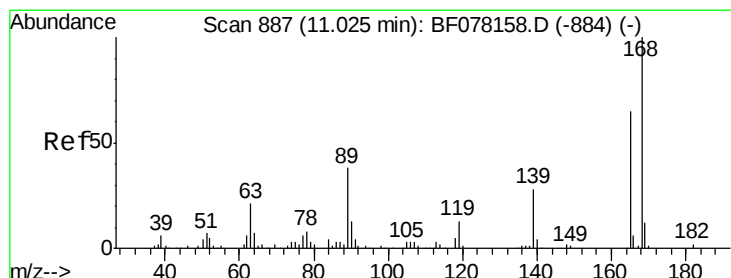
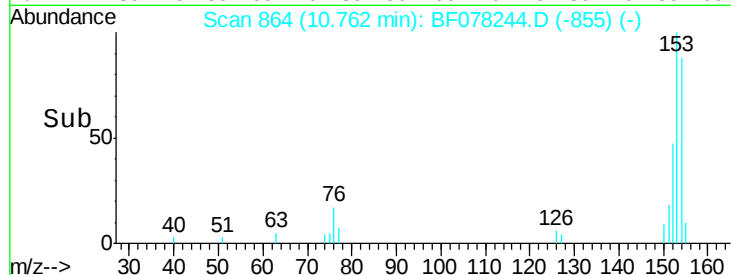
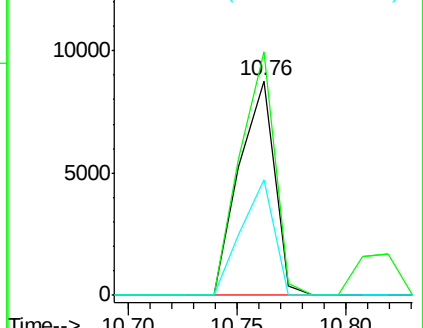
152 54.0 43.0 64.6



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



#56

2,4-Dinitrotoluene

Concen: 8.10 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Tgt Ion:165 Resp: 12830

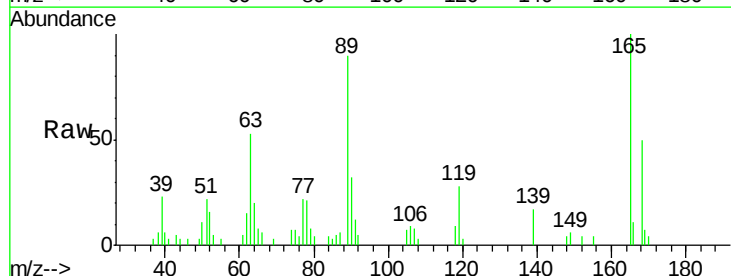
Ion Ratio Lower Upper

165 100

63 53.1 26.5 39.7#

89 89.8 46.4 69.6#

182 0.0 2.0 3.0#

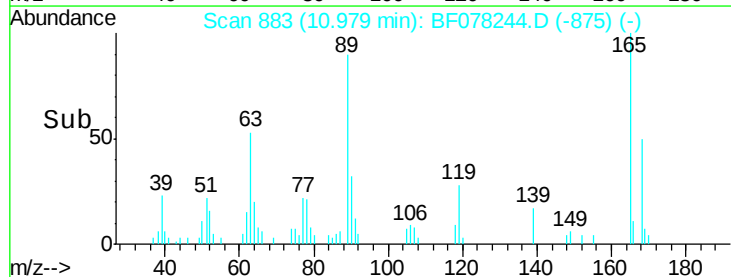
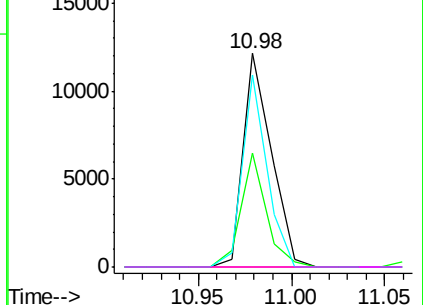


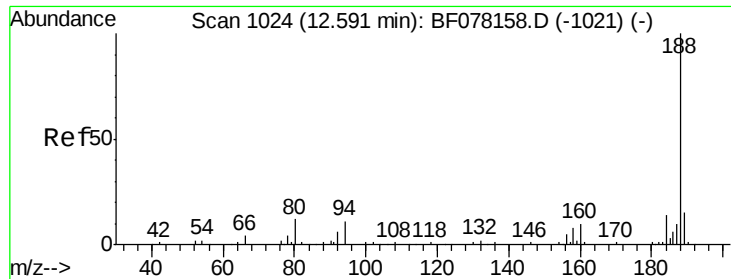
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

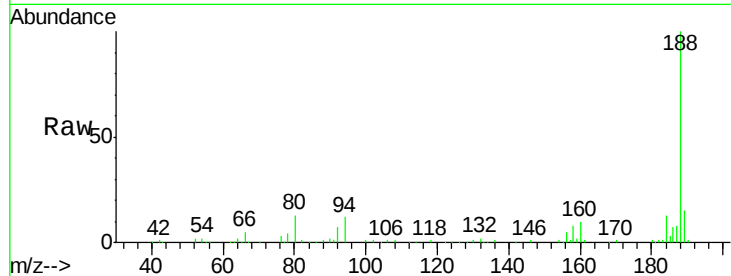




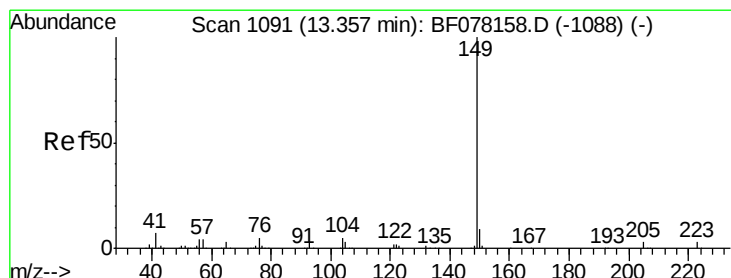
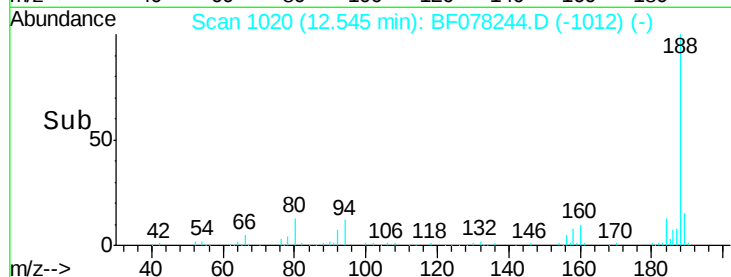
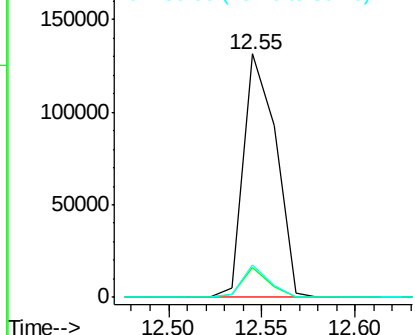
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078244.D
Acq: 3 Apr 2015 16:17

Instrument :
BNA_F
ClientSampleId :
DCW-WW-105-33015DL

Tot Ion:188 Resp: 159584
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.4
80 13.1 9.5 14.3

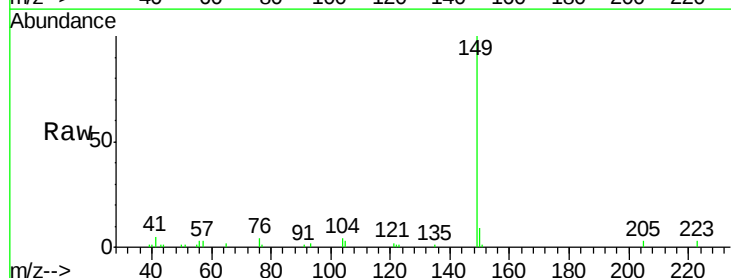


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

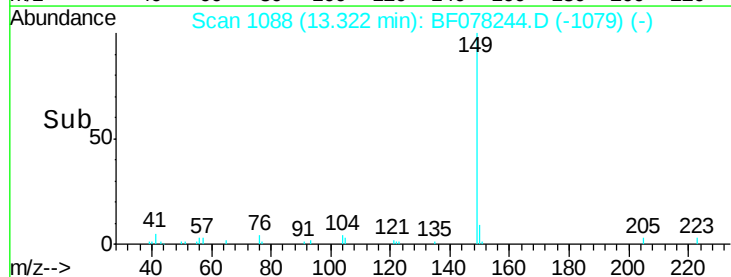
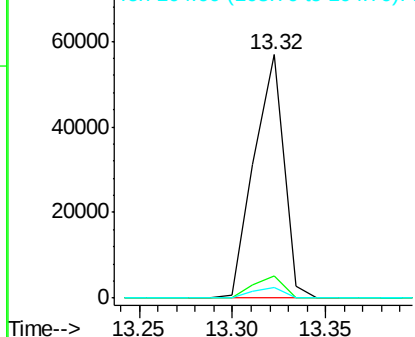


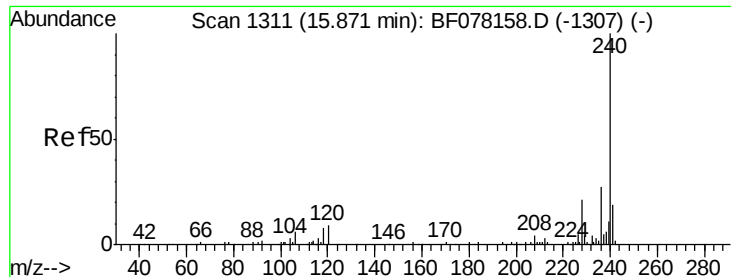
#73
Di-n-butylphthalate
Concen: 6.49 ng
RT: 13.32 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF078244.D
Acq: 3 Apr 2015 16:17

Tgt Ion:149 Resp: 62713
Ion Ratio Lower Upper
149 100
150 9.2 7.1 10.7
104 4.3 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.83 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-105-33015DL

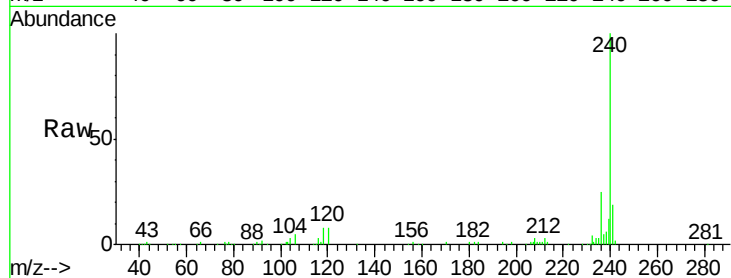
Tot Ion:240 Resp: 164152

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

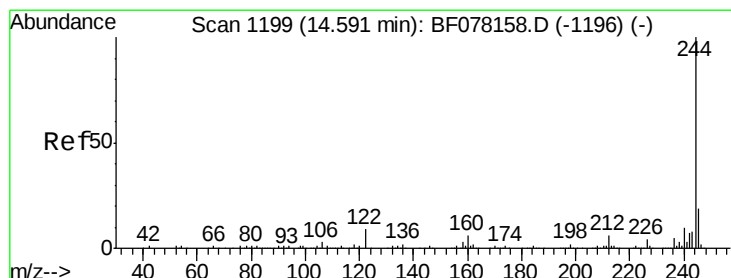
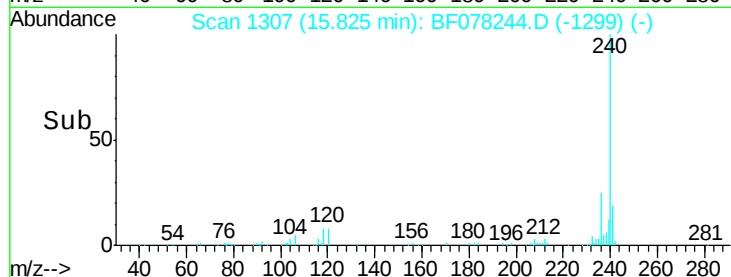
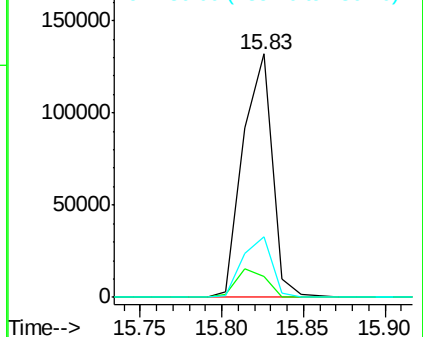
236 25.0 21.4 32.2



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: 16.70 ng

RT: 14.55 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF078244.D

Acq: 3 Apr 2015 16:17

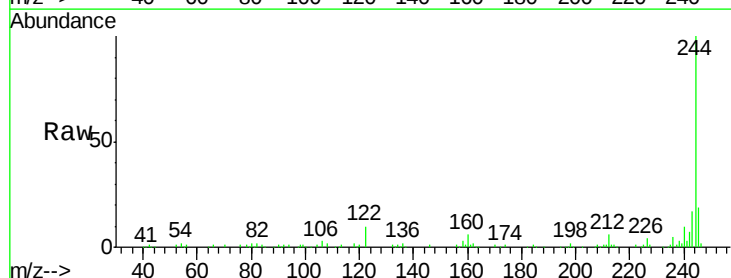
Tgt Ion:244 Resp: 121333

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

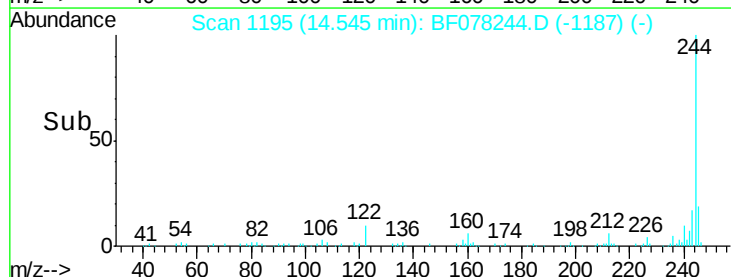
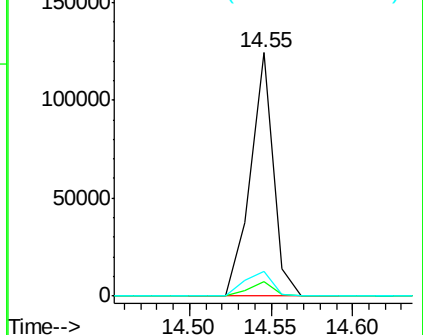
122 10.0 7.1 10.7

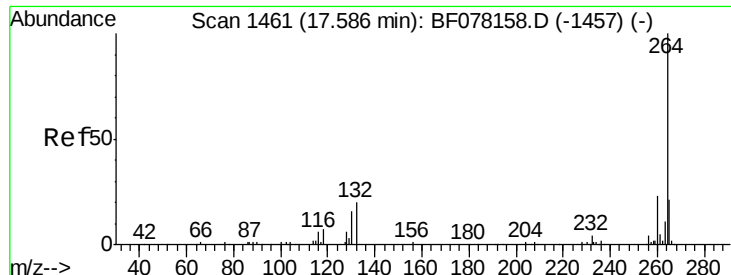


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

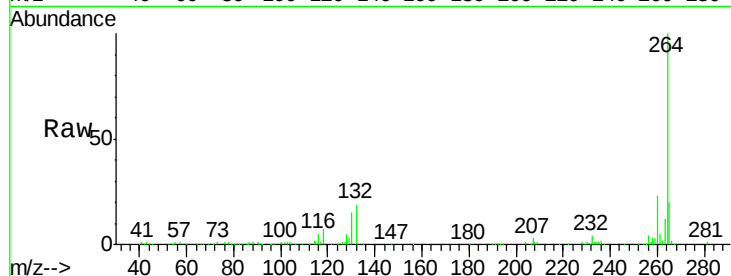




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.53 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF078244.D
 Acq: 3 Apr 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-105-33015DL

Tot Ion: 264 Resp: 158178
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.5 17.0 25.6



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

