

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078303.D
 Acq On : 7 Apr 2015 17:39
 Operator : TP/IZ
 Sample : G1779-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Apr 08 01:20:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

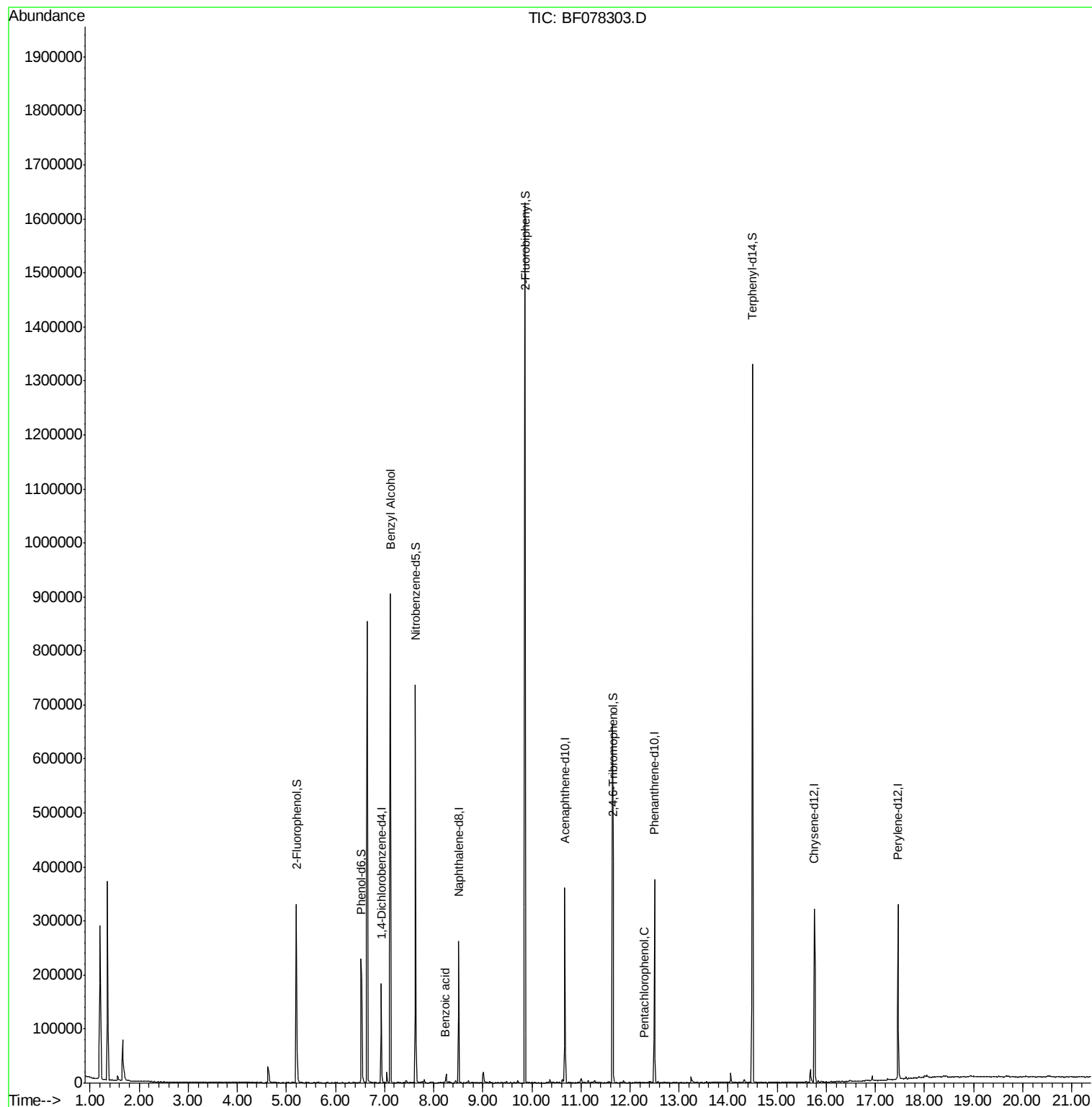
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	34727	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	141639	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	73390	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	143630	20.00	ng	0.00
75) Chrysene-d12	15.76	240	154524	20.00	ng	-0.02
86) Perylene-d12	17.46	264	143031	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	154291	73.25	ng	0.01
7) Phenol-d6	6.52	99	124807	47.28	ng	-0.01
23) Nitrobenzene-d5	7.63	82	227285	97.26	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	94552	155.34	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	499827	97.35	ng	0.00
78) Terphenyl-d14	14.49	244	578537	84.60	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.12	79	3806	2.05	ng	# 53
32) Benzoic acid	8.22	122	551	6.27	ng	81
69) Pentachlorophenol	12.28	266	223	8.03	ng	# 19

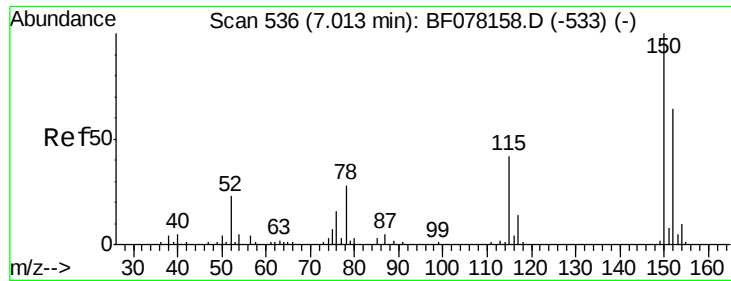
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

Instrument :

BNA_F

ClientSampleId :

TW-1

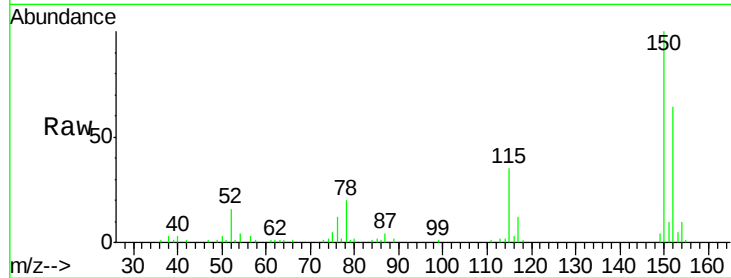
Tgt Ion:152 Resp: 34727

Ion Ratio Lower Upper

152 100

150 157.2 125.9 188.9

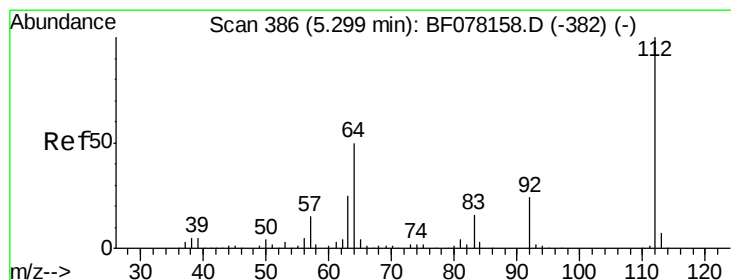
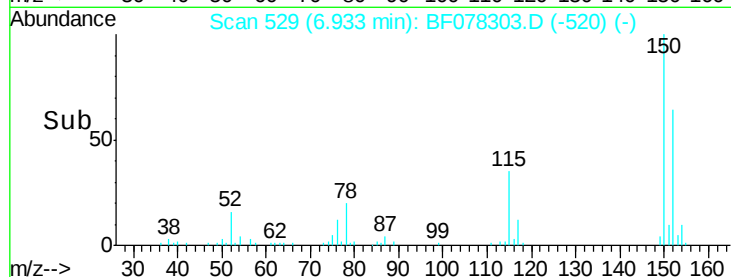
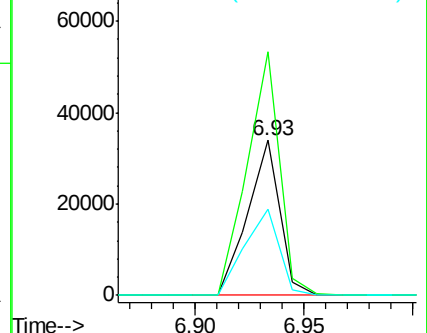
115 55.5 52.7 79.1



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: 73.25 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

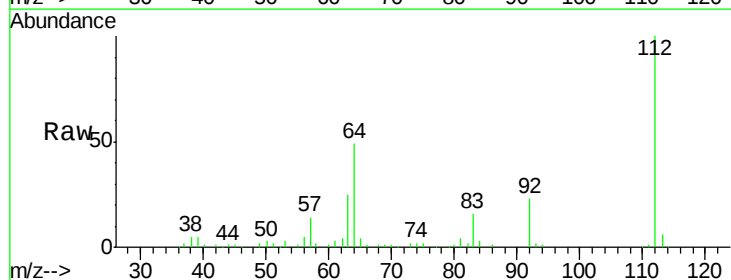
Tgt Ion:112 Resp: 154291

Ion Ratio Lower Upper

112 100

64 49.1 39.9 59.9

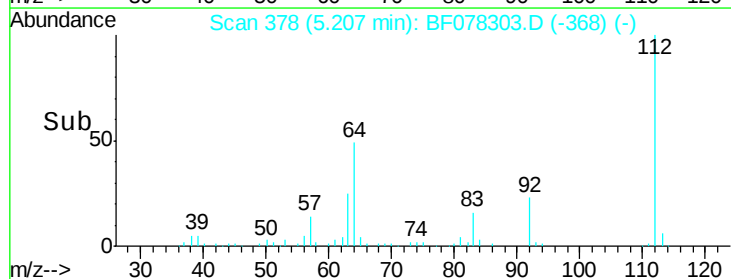
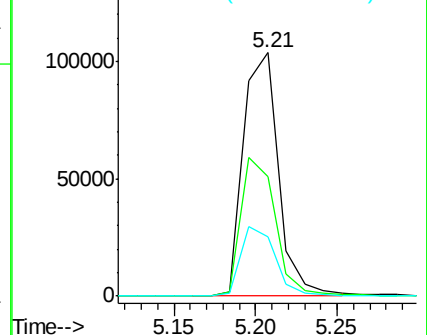
63 24.5 20.2 30.4

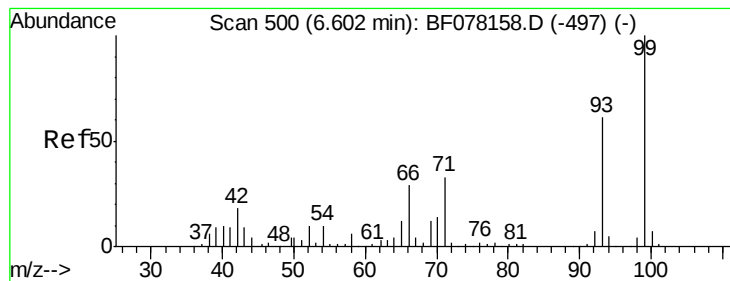


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.28 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

Instrument :

BNA_F

ClientSampleId :

TW-1

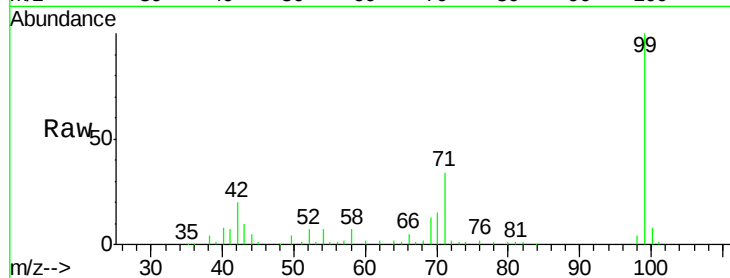
Tgt Ion: 99 Resp: 124807

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

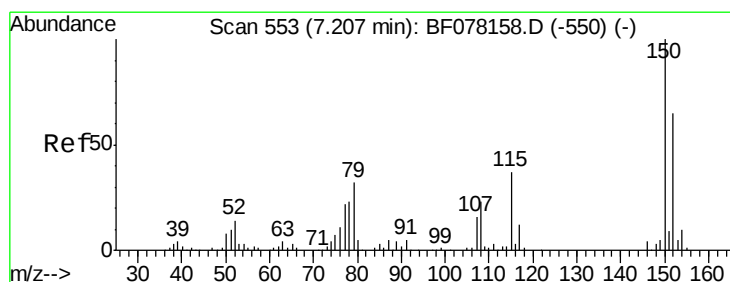
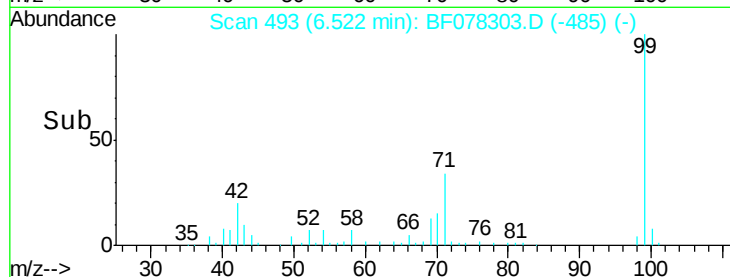
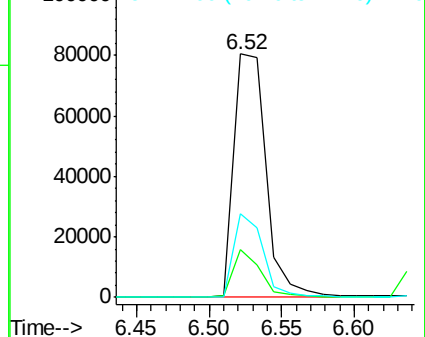
71 34.2 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

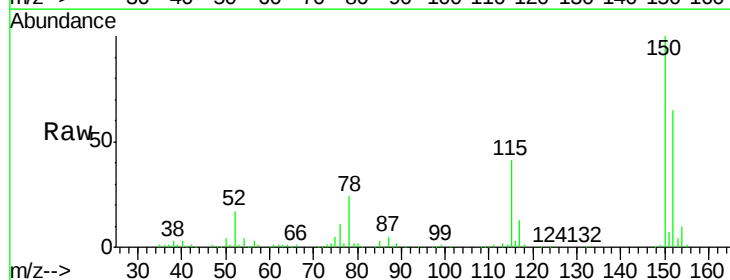
Tgt Ion: 79 Resp: 3806

Ion Ratio Lower Upper

79 100

108 28.6 57.6 86.4#

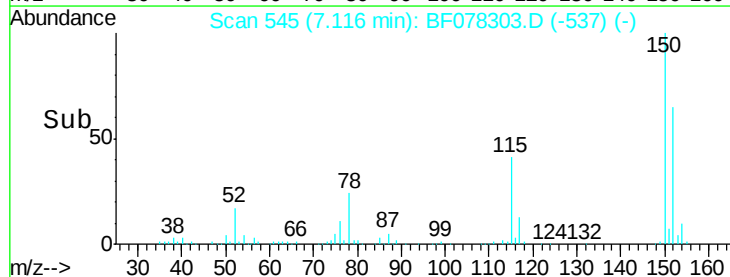
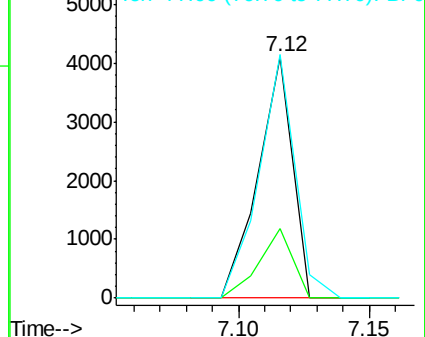
77 100.8 53.5 80.3#

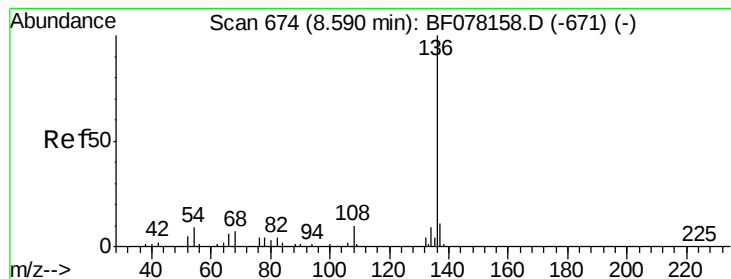


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

Instrument :

BNA_F

ClientSampleId :

TW-1

Tgt Ion:136 Resp: 141639

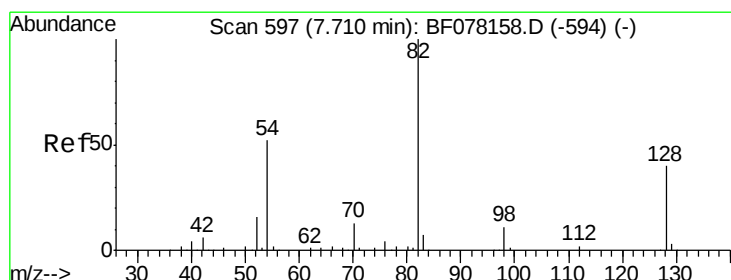
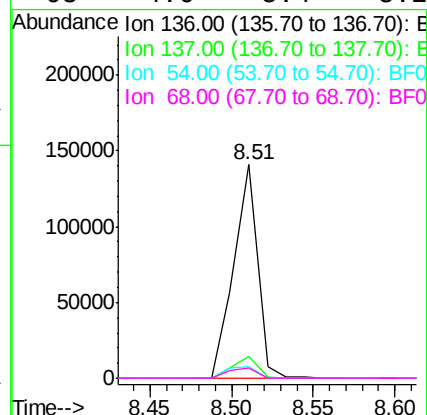
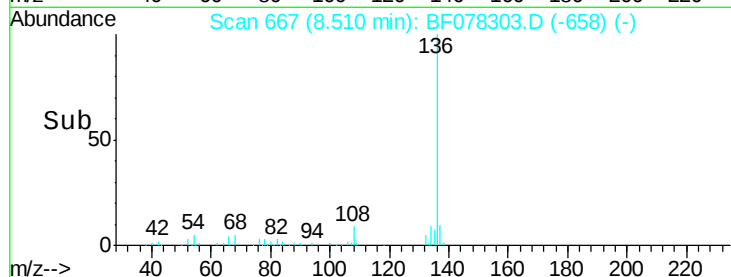
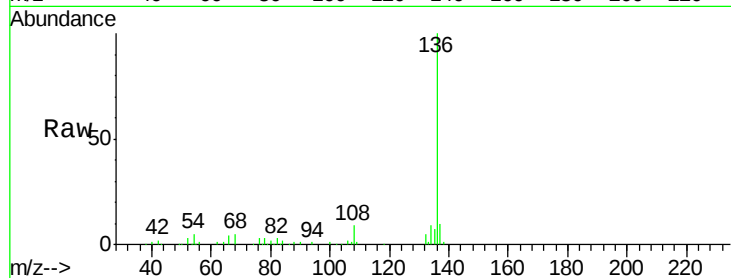
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.5 7.0 10.6#

68 4.6 5.4 8.2#



#23

Nitrobenzene-d5

Concen: 97.26 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

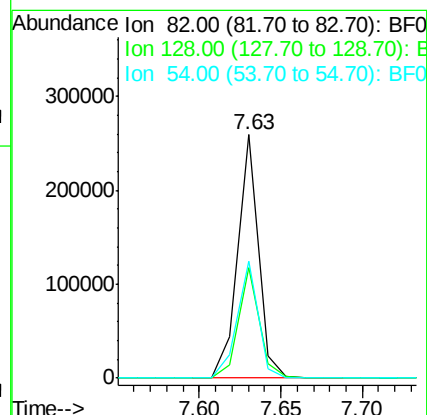
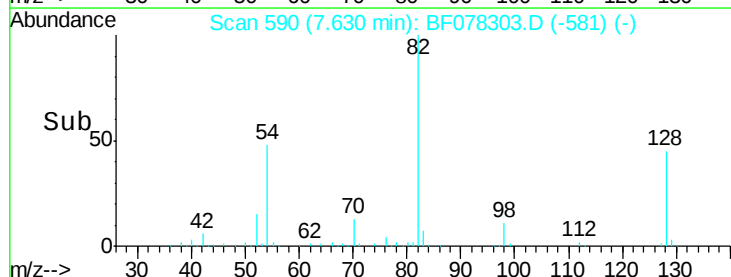
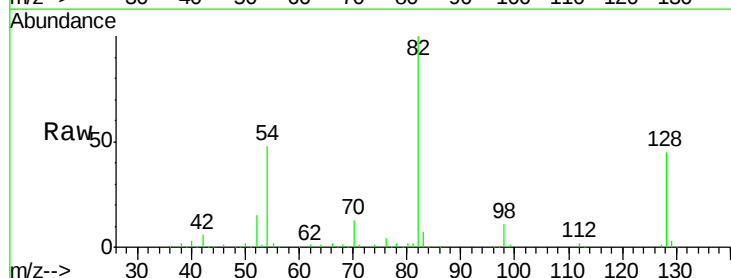
Tgt Ion: 82 Resp: 227285

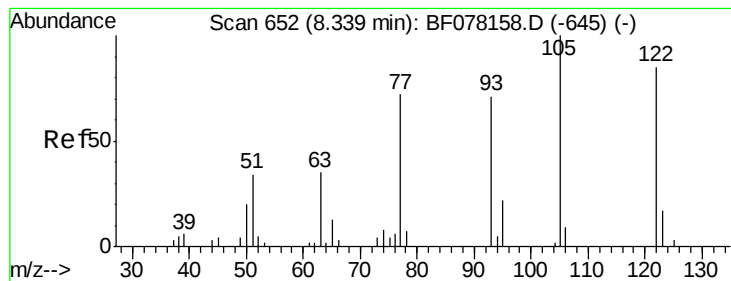
Ion Ratio Lower Upper

82 100

128 45.3 31.8 47.8

54 47.9 41.5 62.3





#32

Benzoic acid

Concen: 6.27 ng

RT: 8.22 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

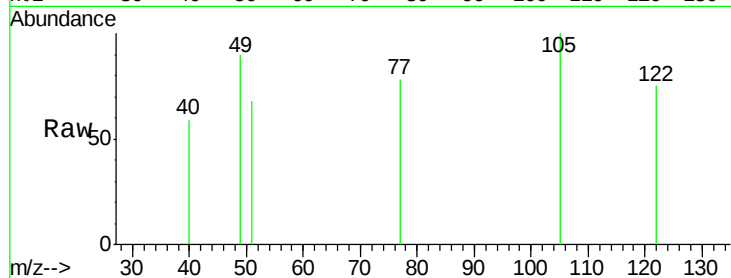
Instrument :

BNA_F

ClientSampleId :

TW-1

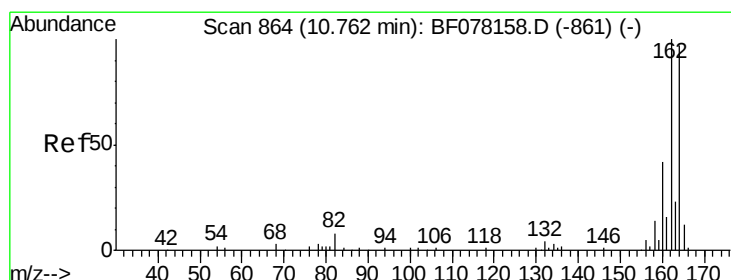
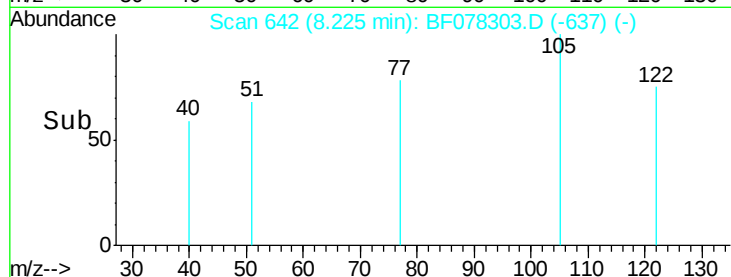
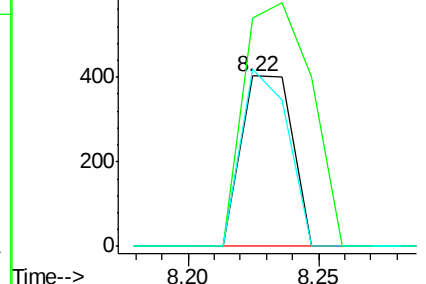
Tgt Ion:	122	Resp:	551
Ion Ratio	Lower	Upper	
122	100		
105	134.0	96.1	136.1
77	104.0	64.1	104.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

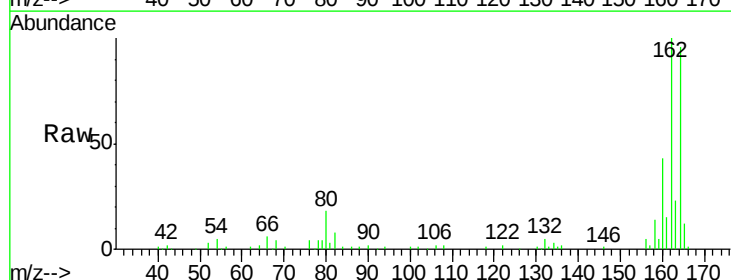
RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

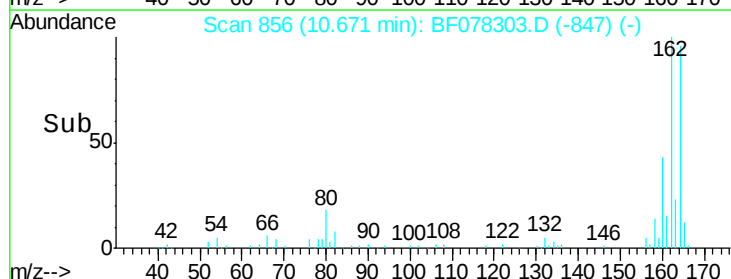
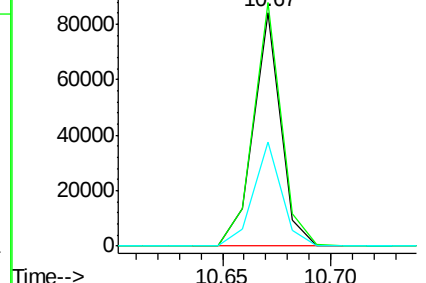
Tgt Ion:	164	Resp:	73390
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.2	123.2
160	44.7	34.7	52.1

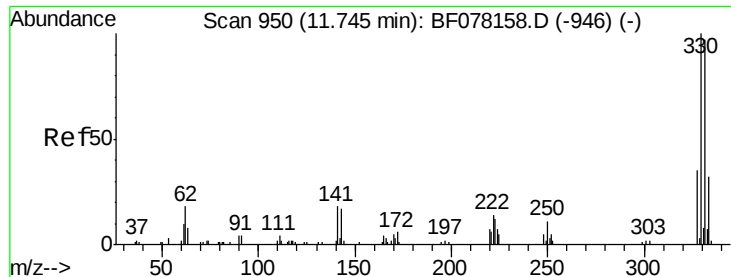


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

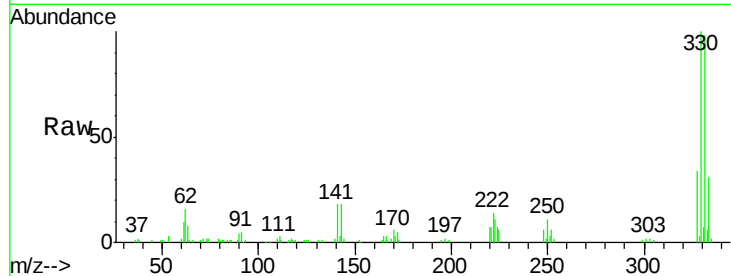




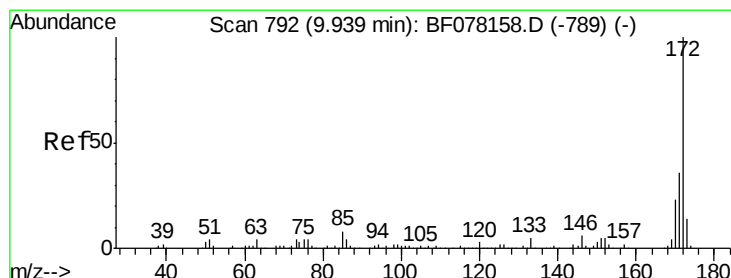
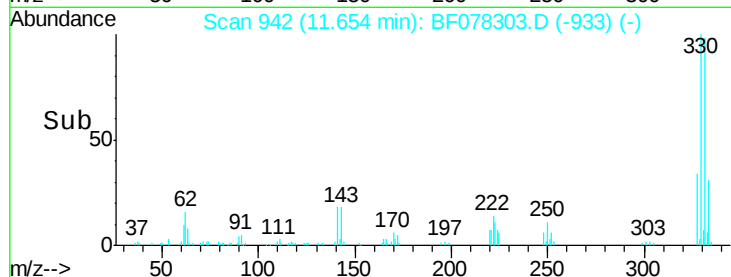
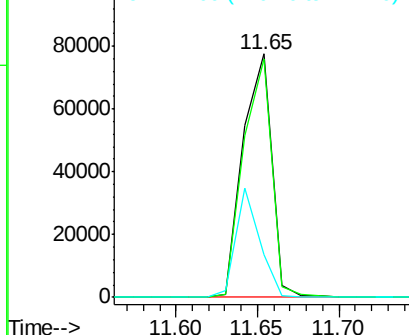
#41
 2,4,6-Tribromophenol
 Concen: 155.34 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078303.D
 Acq: 7 Apr 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:330 Resp: 94552
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 37.1 31.2 46.8

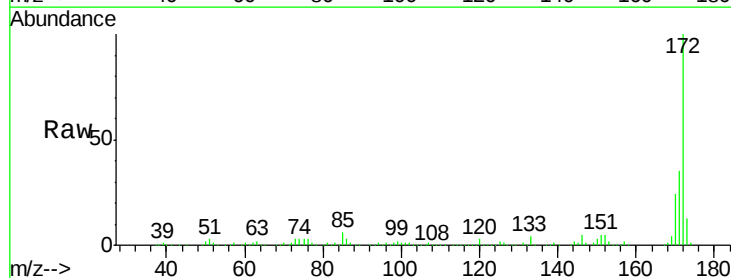


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

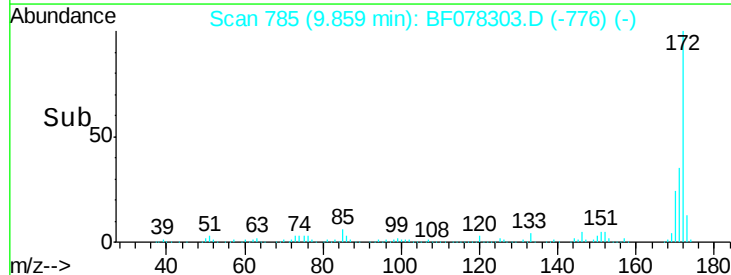
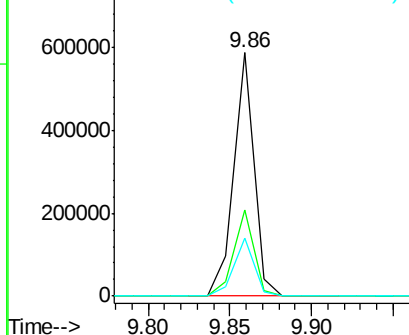


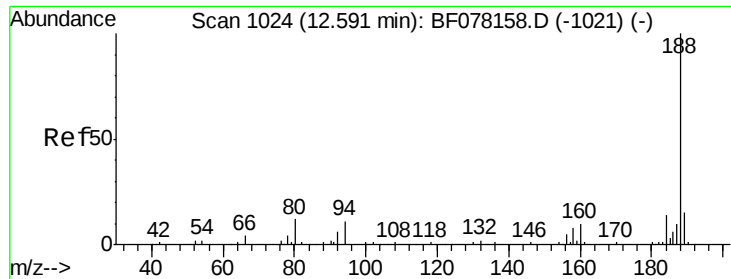
#44
 2-Fluorobiphenyl
 Concen: 97.35 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078303.D
 Acq: 7 Apr 2015 17:39

Tgt Ion:172 Resp: 499827
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.7 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

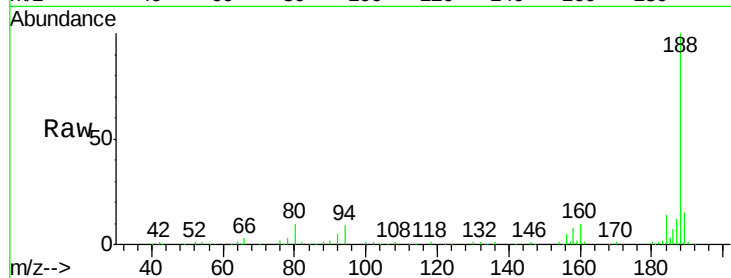




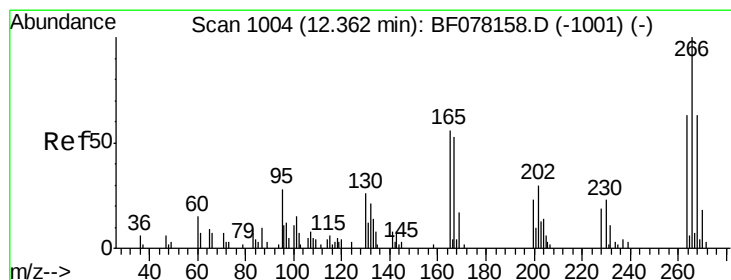
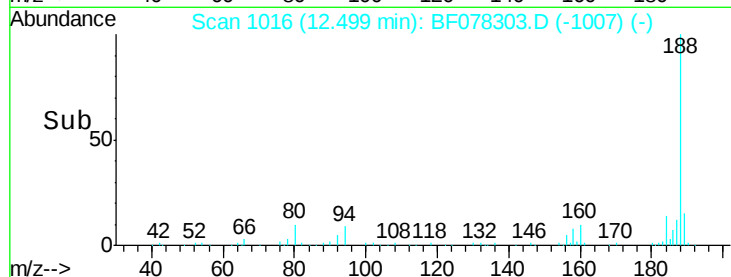
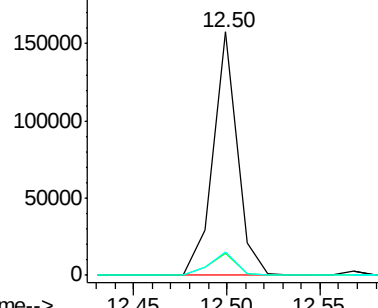
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078303.D
Acq: 7 Apr 2015 17:39

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:188 Resp: 143630
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.8 9.5 14.3

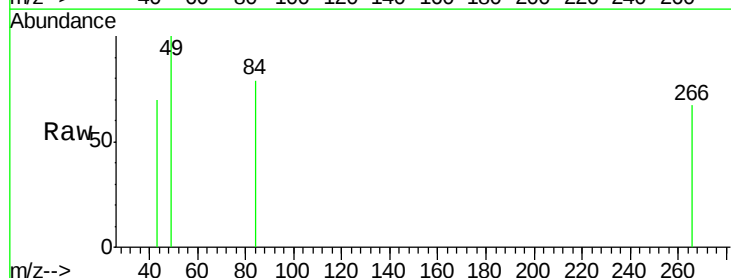


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

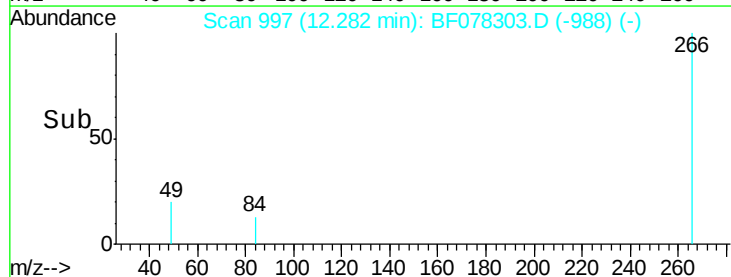
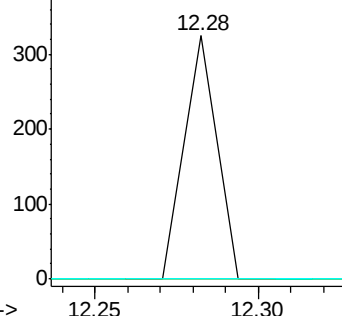


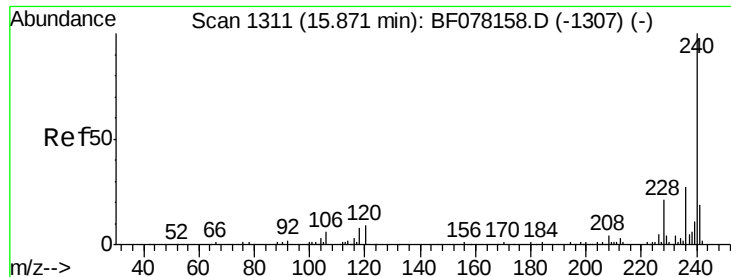
#69
Pentachlorophenol
Concen: 8.03 ng
RT: 12.28 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF078303.D
Acq: 7 Apr 2015 17:39

Tgt Ion:266 Resp: 223
Ion Ratio Lower Upper
266 100
268 0.0 50.1 75.1#
264 0.0 50.0 75.0#



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: 15.76 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

Instrument :

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TW-1

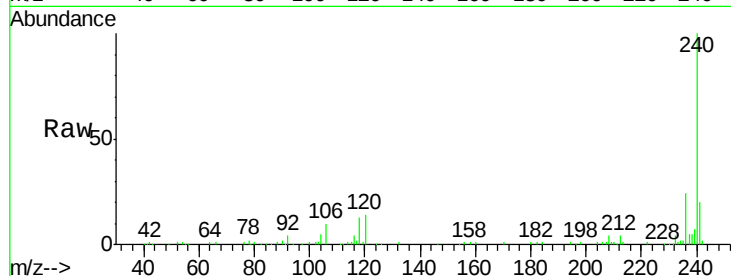
Tgt Ion:240 Resp: 154524

Ion Ratio Lower Upper

240 100

120 14.2 7.1 10.7#

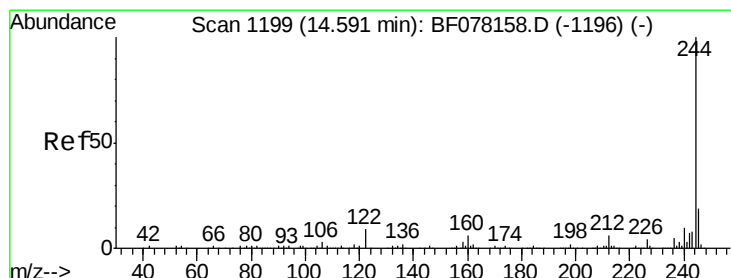
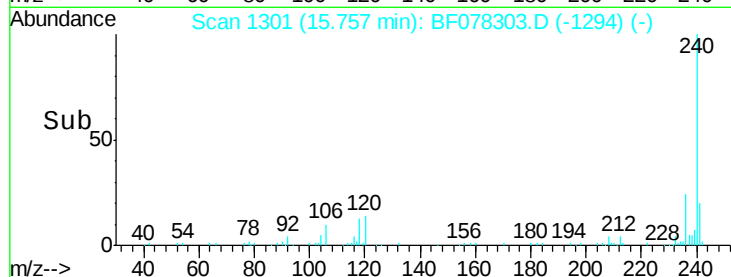
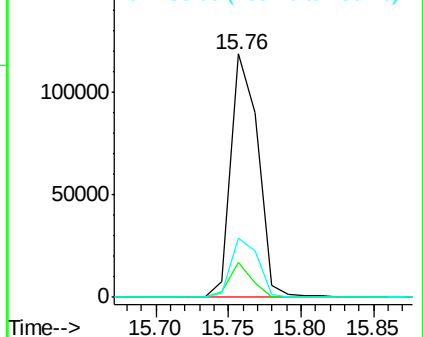
236 24.2 21.4 32.2



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: 84.60 ng

RT: 14.49 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF078303.D

Acq: 7 Apr 2015 17:39

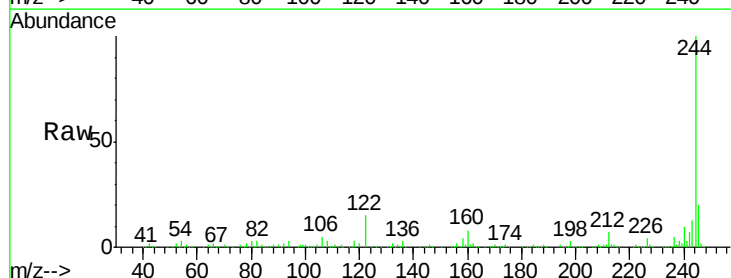
Tgt Ion:244 Resp: 578537

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

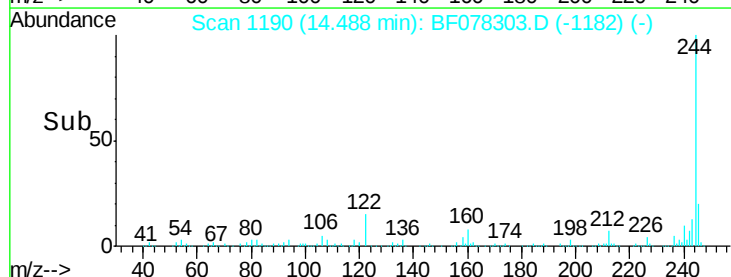
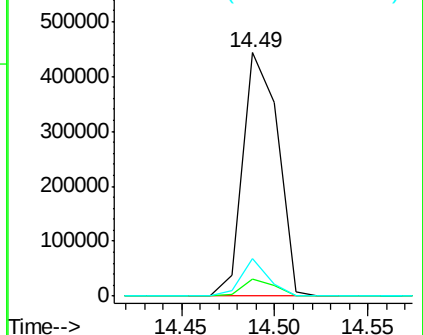
122 15.4 7.1 10.7#

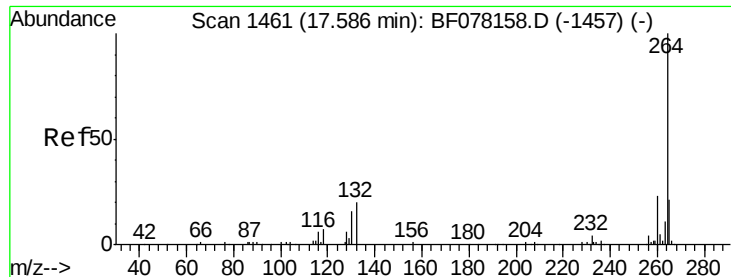


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

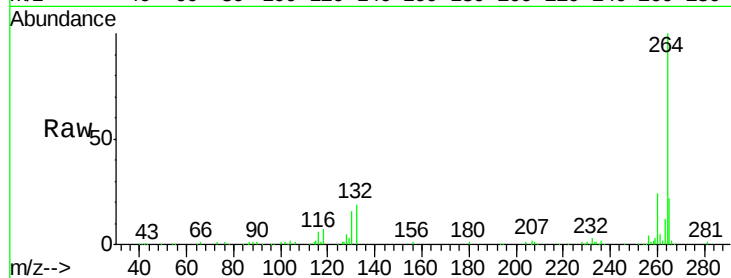




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.46 min Scan# 1450
Delta R.T. -0.10 min
Lab File: BF078303.D
Acq: 7 Apr 2015 17:39

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 264 Resp: 143031
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.5 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

