

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078660.D
 Acq On : 20 Apr 2015 23:19
 Operator : TP/IZ
 Sample : G1932-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Apr 21 01:32:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

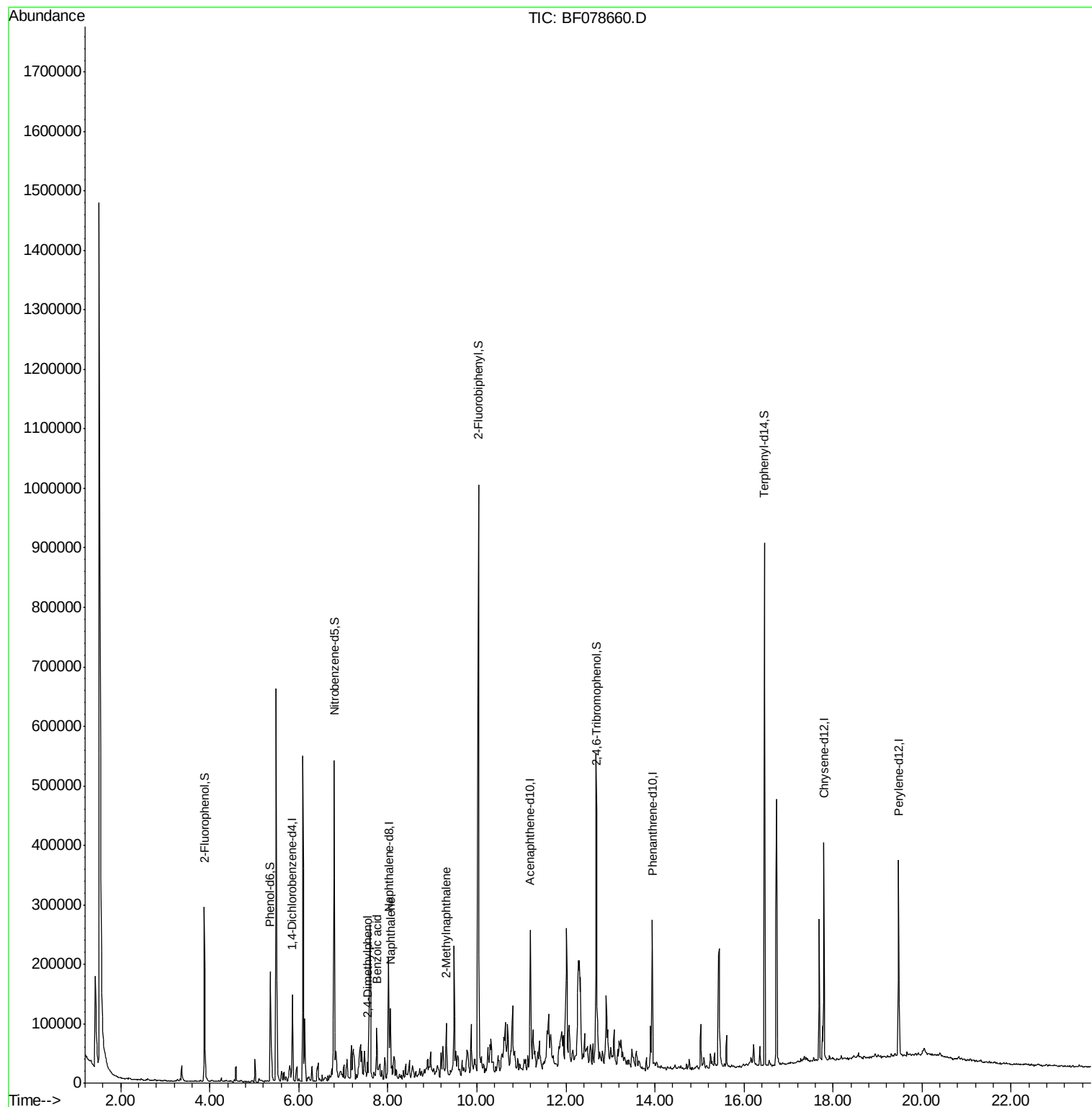
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	34670	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	143935	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	73886	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	140864	20.00	ng	0.00
75) Chrysene-d12	17.79	240	142620	20.00	ng	-0.01
86) Perylene-d12	19.47	264	137209	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	125668	59.76	ng	0.00
7) Phenol-d6	5.36	99	101167	38.39	ng	0.00
23) Nitrobenzene-d5	6.80	82	211524	89.08	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	92816	151.47	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	442331	85.57	ng	0.00
78) Terphenyl-d14	16.46	244	402291	63.74	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.54	122	7821	3.56	ng	93
31) Naphthalene	8.06	128	63638	8.49	ng	98
32) Benzoic acid	7.75	122	14766	18.34	ng	# 75
37) 2-Methylnaphthalene	9.31	142	25351	4.98	ng	97

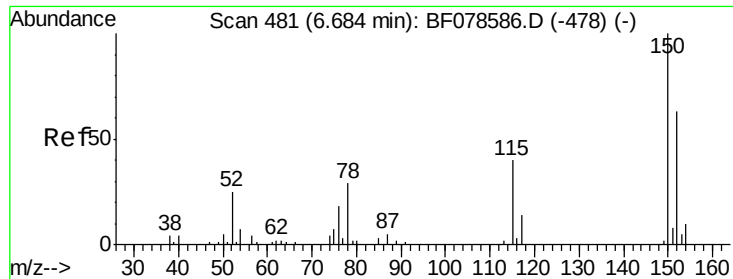
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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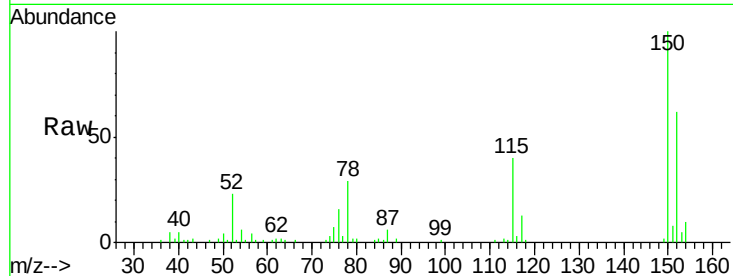


#1

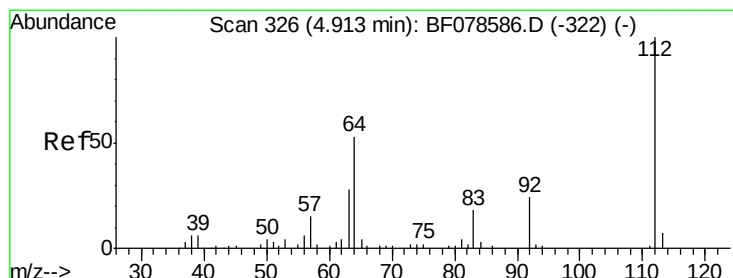
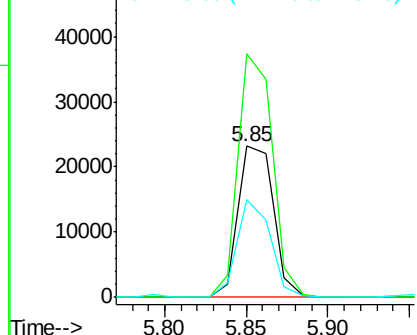
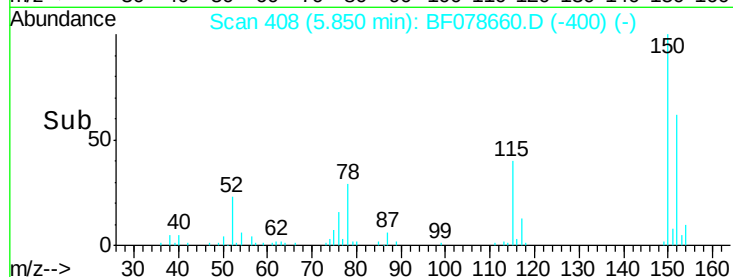
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078660.D
Acq: 20 Apr 2015 23:19

Instrument :
BNA_F
ClientSampleId :
MW-15

Tot Ion:152 Resp: 34670
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 64.8 52.7 79.1



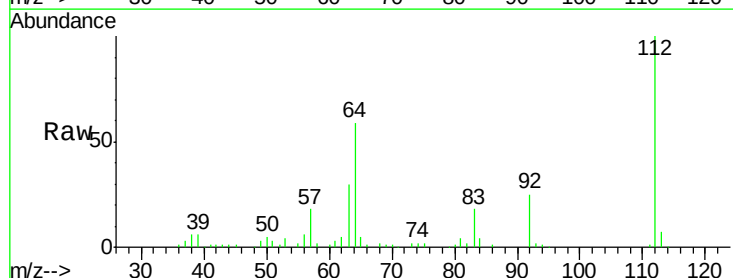
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



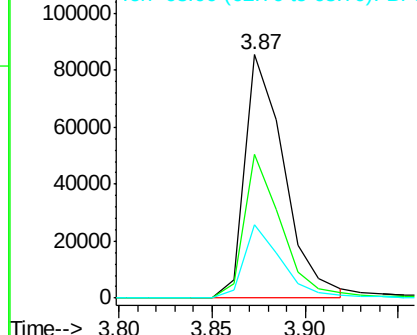
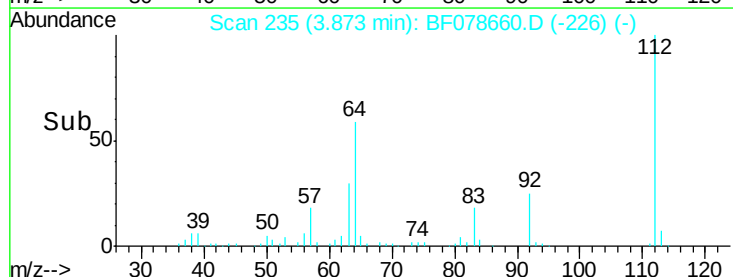
#5

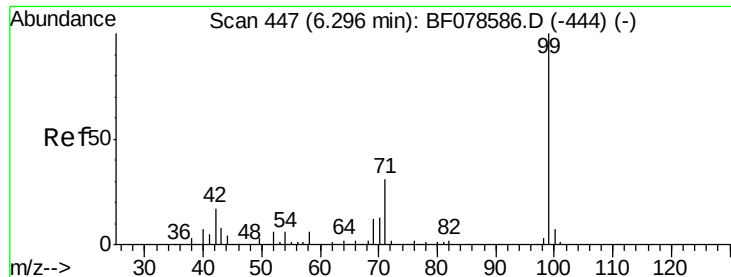
2-Fluorophenol
Concen: 59.76 ng
RT: 3.87 min Scan# 235
Delta R.T. 0.00 min
Lab File: BF078660.D
Acq: 20 Apr 2015 23:19

Tgt Ion:112 Resp: 125668
Ion Ratio Lower Upper
112 100
64 58.9 39.9 59.9
63 30.1 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: 38.39 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078660.D

Acq: 20 Apr 2015 23:19

Instrument :

BNA_F

ClientSampleId :

MW-15

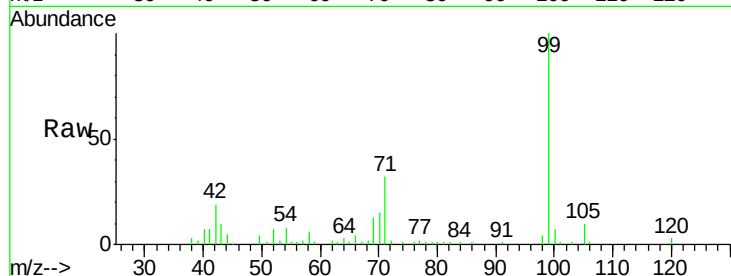
Tot Ion: 99 Resp: 101167

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

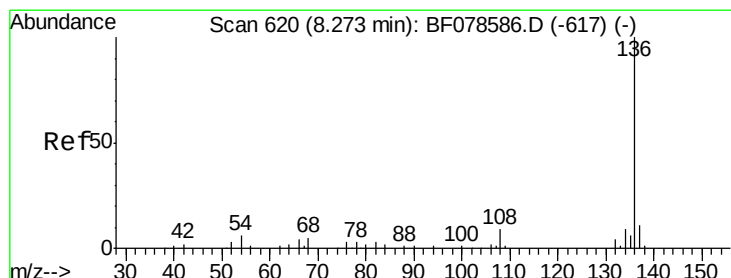
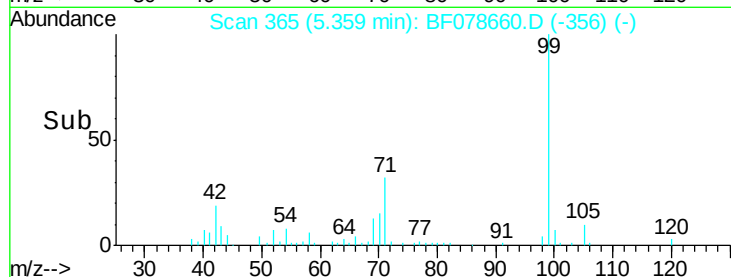
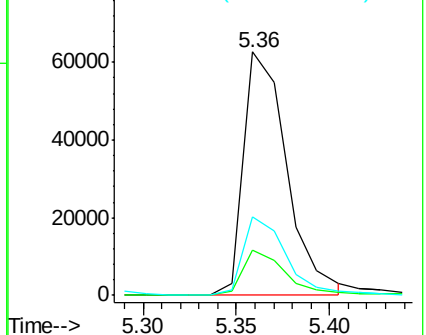
71 32.4 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078660.D

Acq: 20 Apr 2015 23:19

Tgt Ion: 136 Resp: 143935

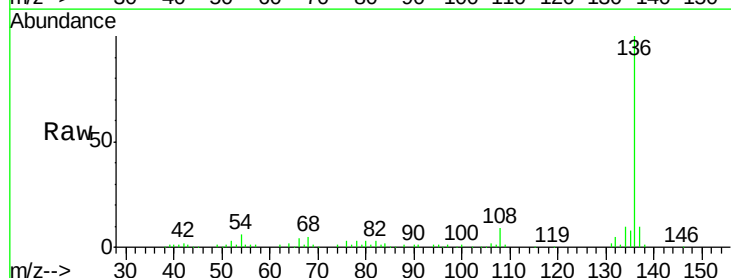
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.2 7.0 10.6#

68 5.3 5.4 8.2#

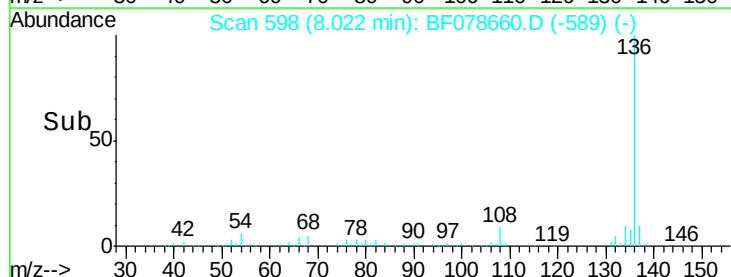
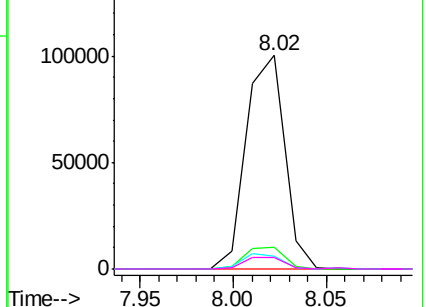


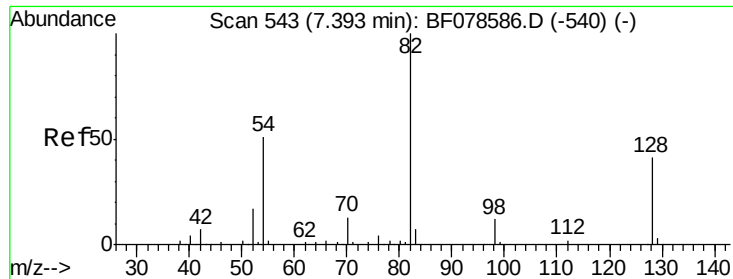
Abundance Ion 136.00 (135.70 to 136.70): E

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

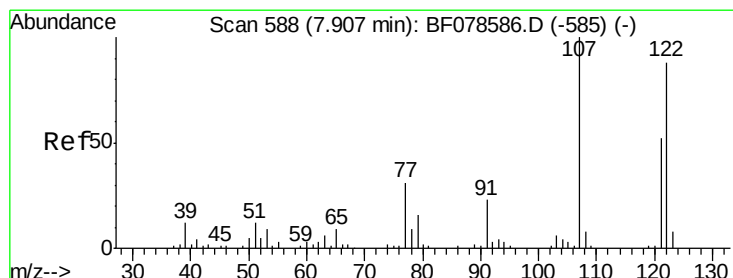
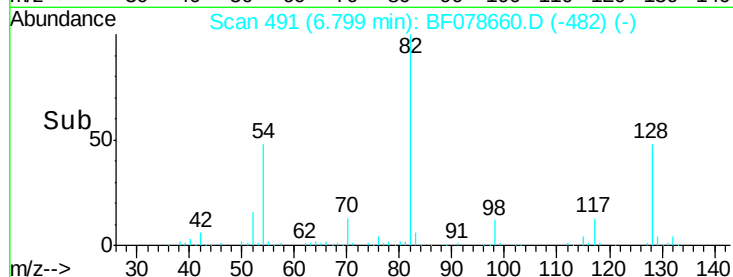
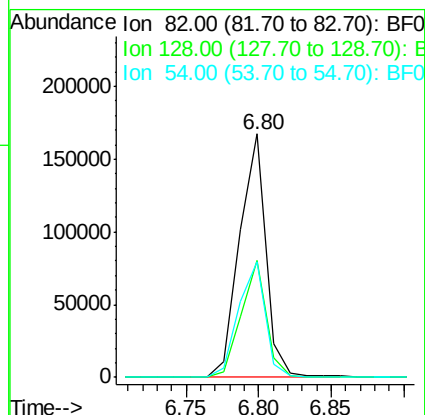
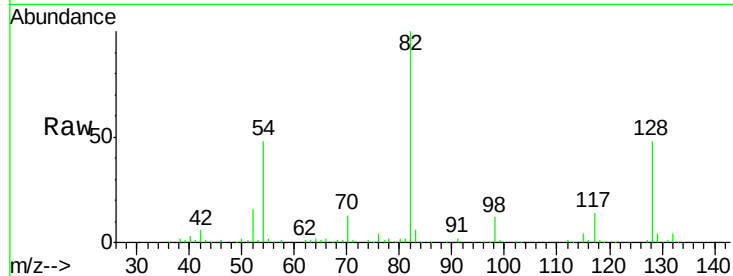




#23
 Nitrobenzene-d5
 Concen: 89.08 ng
 RT: 6.80 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF078660.D
 Acq: 20 Apr 2015 23:19

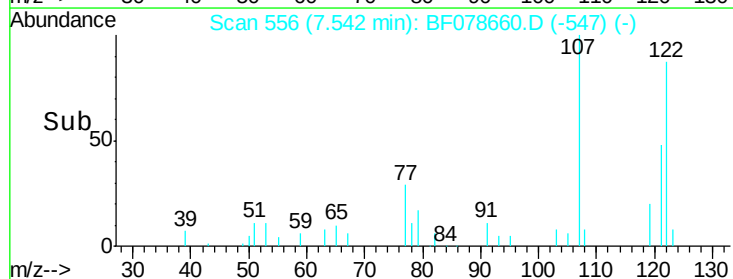
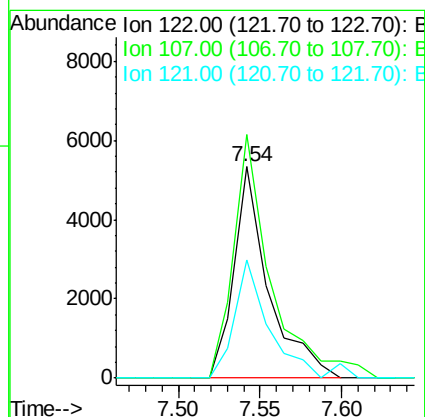
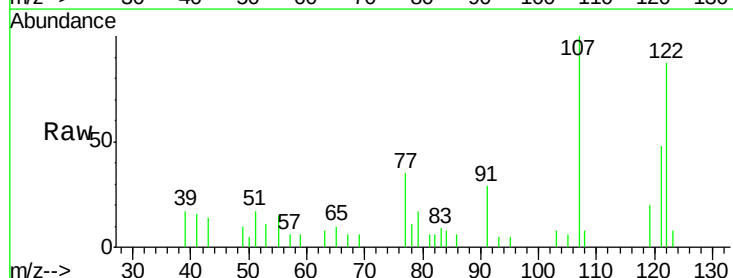
Instrument :
 BNA_F
 ClientSampled :
 MW-15

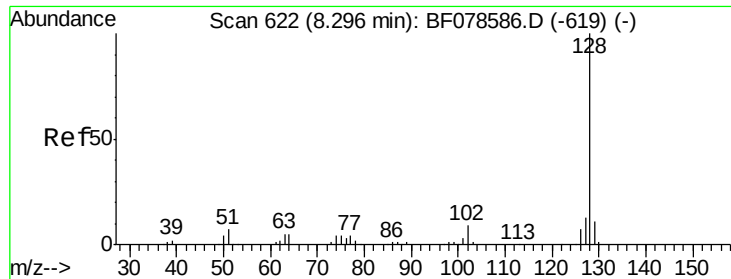
Tot Ion: 82 Resp: 211524
 Ion Ratio Lower Upper
 82 100
 128 47.8 31.8 47.8#
 54 47.5 41.5 62.3



#27
 2,4-Dimethylphenol
 Concen: 3.56 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF078660.D
 Acq: 20 Apr 2015 23:19

Tgt Ion:122 Resp: 7821
 Ion Ratio Lower Upper
 122 100
 107 115.3 84.6 127.0
 121 55.8 46.0 69.0

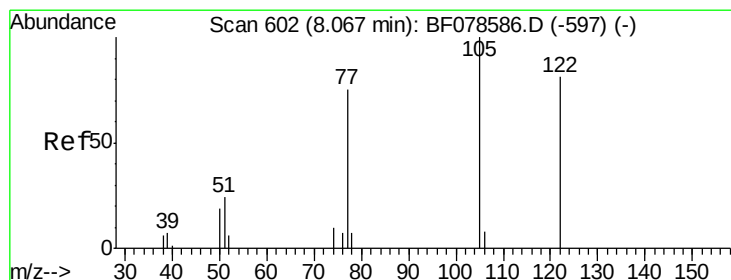
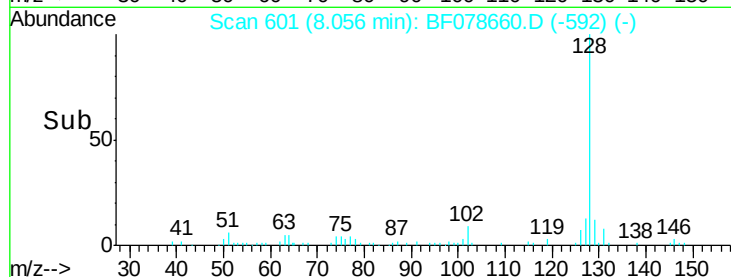
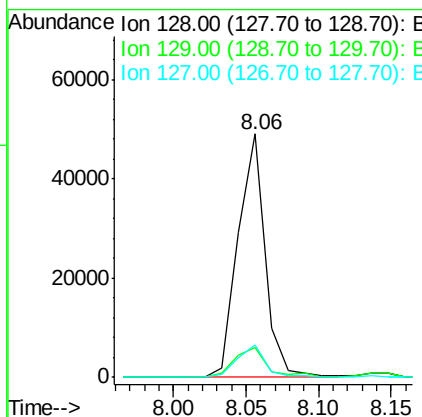
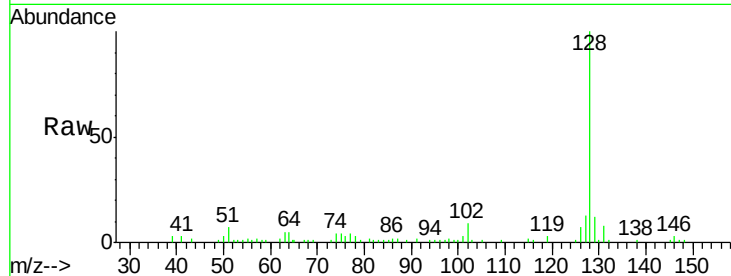




#31
Naphthalene
Concen: 8.49 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078660.D
Acq: 20 Apr 2015 23:19

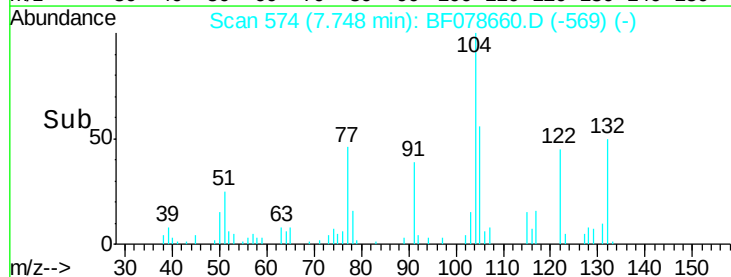
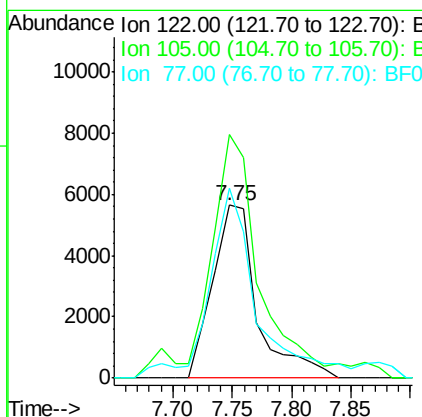
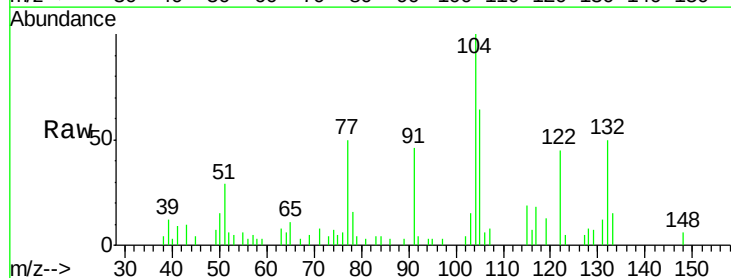
Instrument :
BNA_F
ClientSampleId :
MW-15

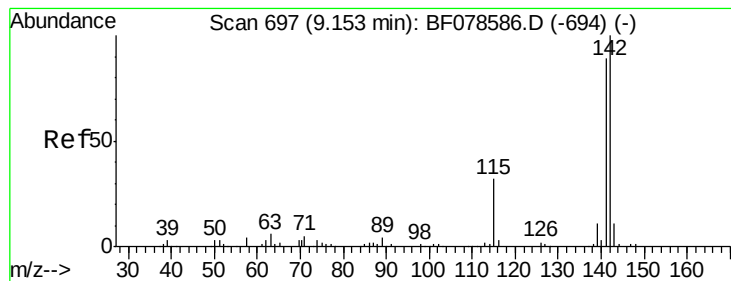
Tot Ion:128 Resp: 63638
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 18.34 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF078660.D
Acq: 20 Apr 2015 23:19

Tgt Ion:122 Resp: 14766
Ion Ratio Lower Upper
122 100
105 141.1 96.1 136.1#
77 110.2 64.1 104.1#

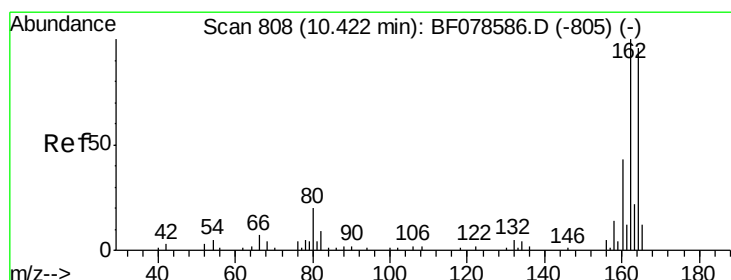
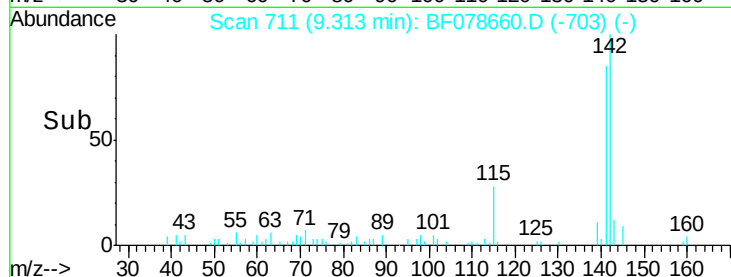
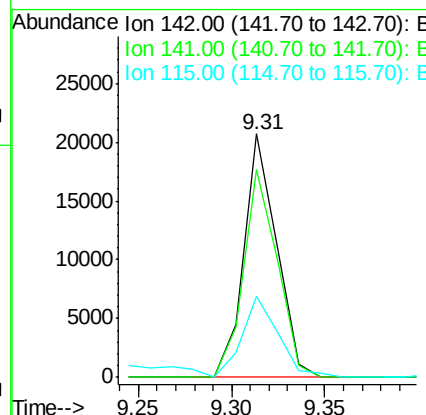
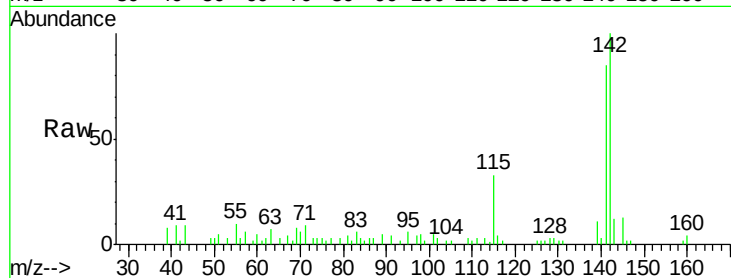




#37
2-Methylnaphthalene
Concen: 4.98 ng
RT: 9.31 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF078660.D
Acq: 20 Apr 2015 23:19

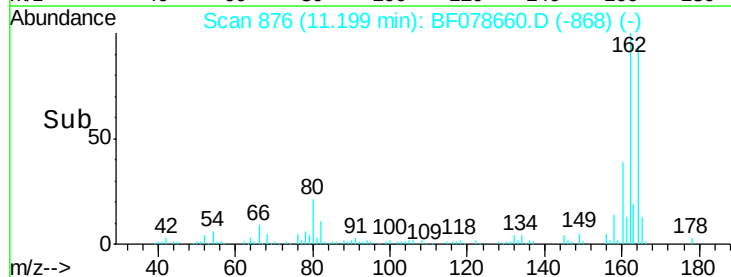
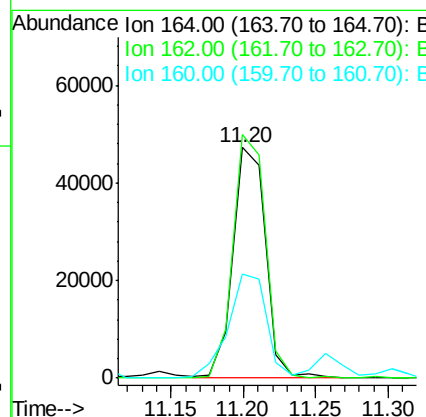
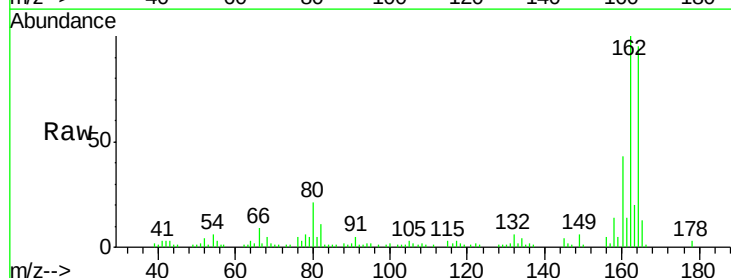
Instrument :
BNA_F
ClientSampleId :
MW-15

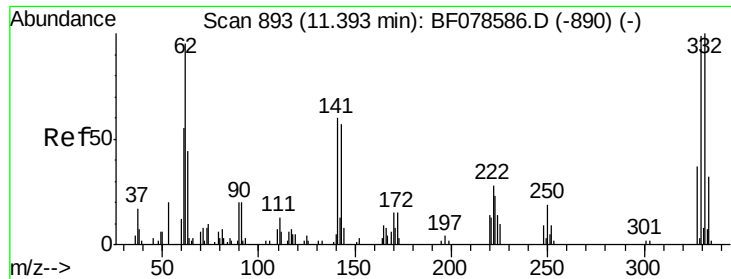
Tot Ion:142 Resp: 25351
Ion Ratio Lower Upper
142 100
141 85.3 70.3 105.5
115 33.4 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078660.D
Acq: 20 Apr 2015 23:19

Tgt Ion:164 Resp: 73886
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.2
160 45.0 34.7 52.1

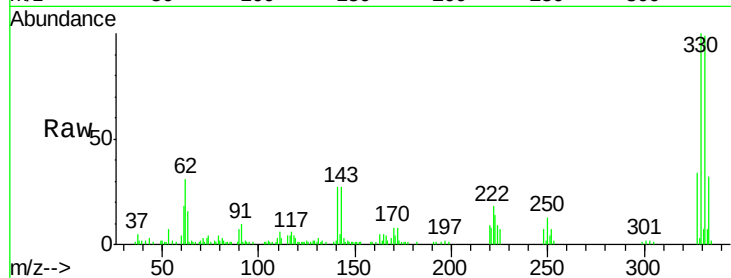




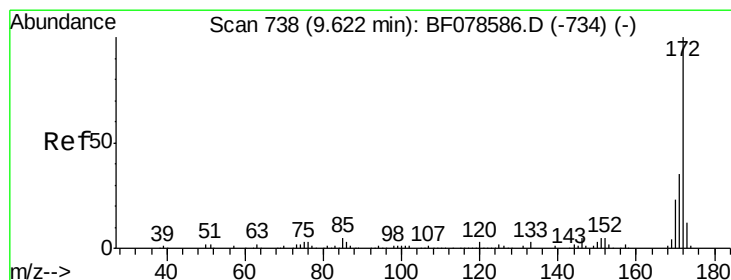
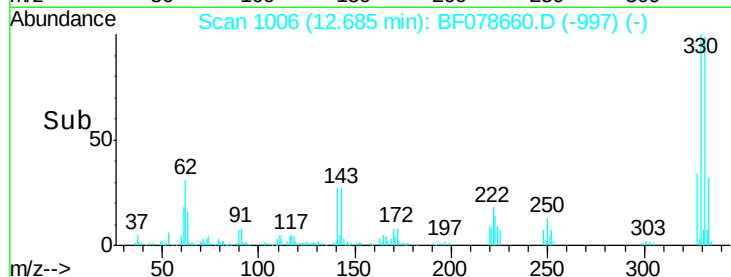
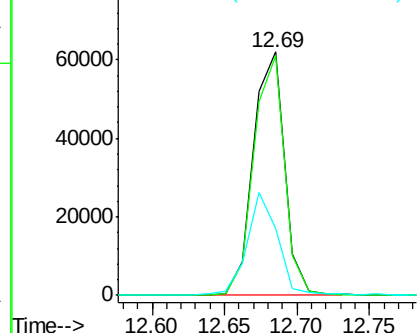
#41
 2,4,6-Tribromophenol
 Concen: 151.47 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078660.D
 Acq: 20 Apr 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	41.2	31.2	46.8

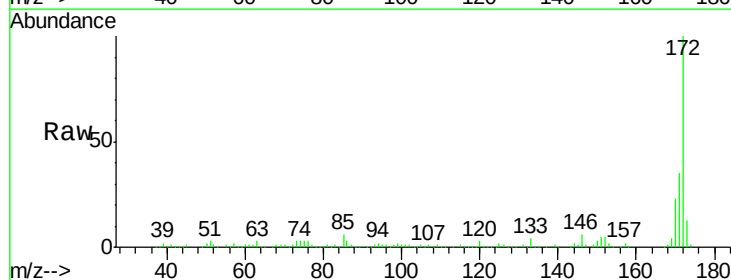


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

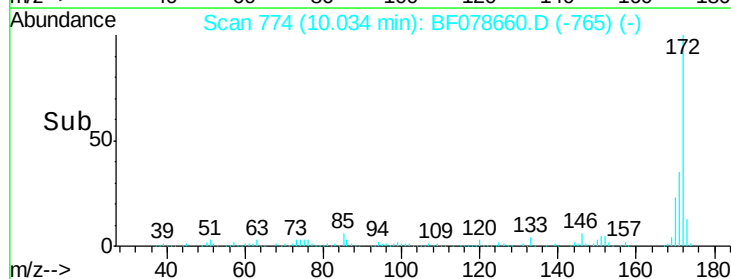
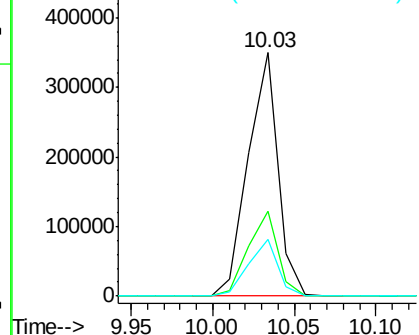


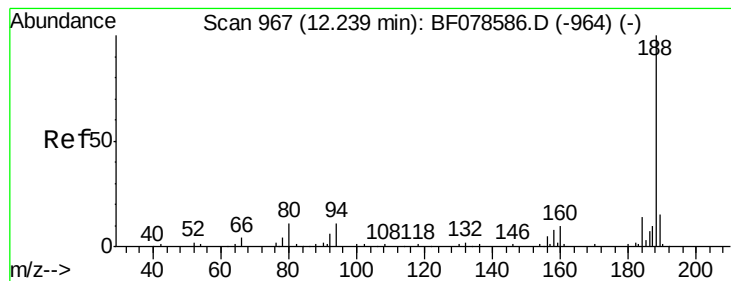
#44
 2-Fluorobiphenyl
 Concen: 85.57 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078660.D
 Acq: 20 Apr 2015 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.4	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: 13.94 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF078660.D

Acq: 20 Apr 2015 23:19

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MW-15

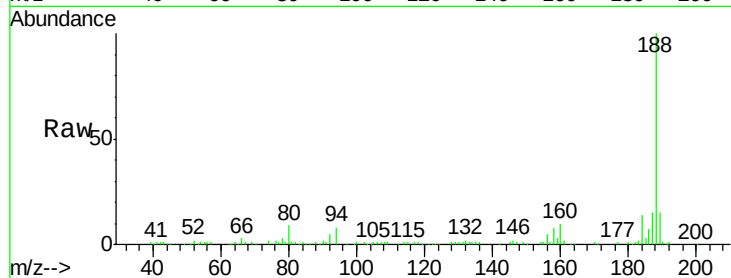
Tot Ion:188 Resp: 140864

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

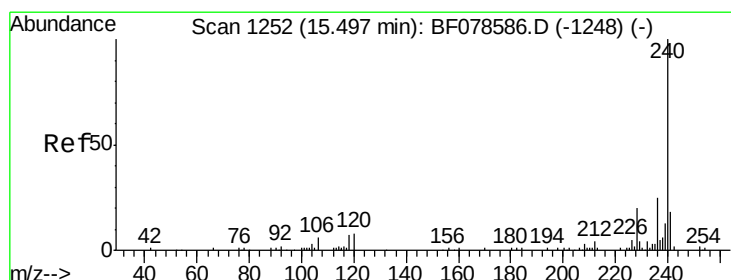
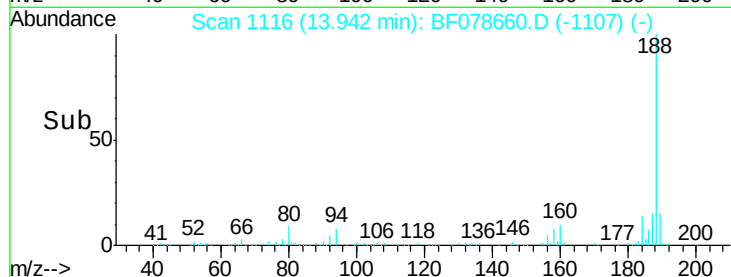
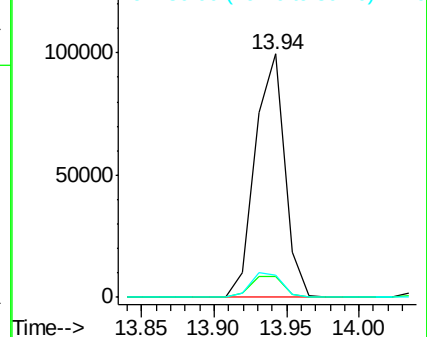
80 9.0 9.5 14.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.79 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF078660.D

Acq: 20 Apr 2015 23:19

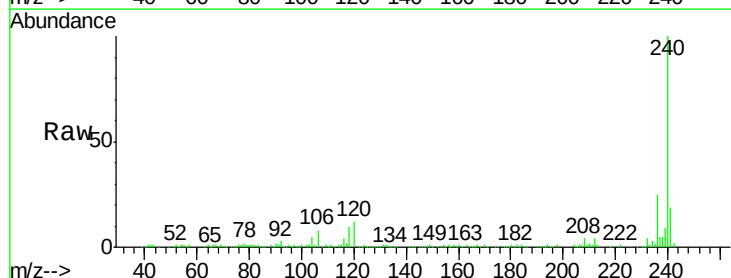
Tgt Ion:240 Resp: 142620

Ion Ratio Lower Upper

240 100

120 11.9 7.1 10.7#

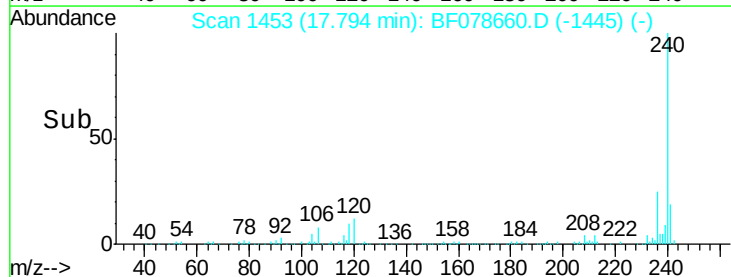
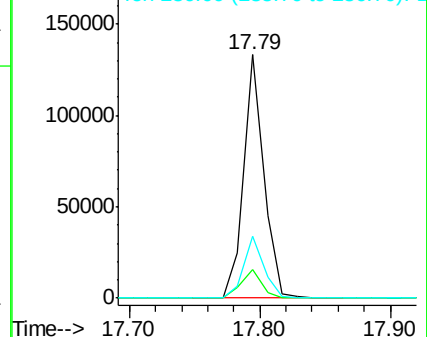
236 25.4 21.4 32.2

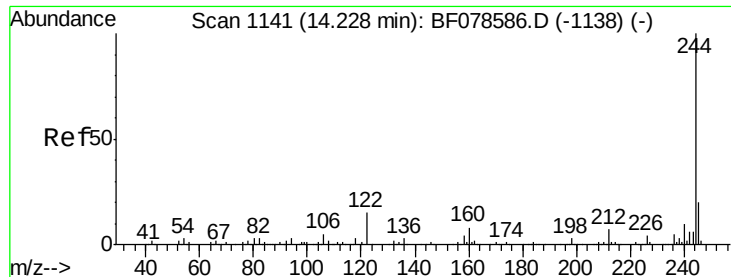


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.74 ng

RT: 16.46 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF078660.D

Acq: 20 Apr 2015 23:19

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ClientSampleId :

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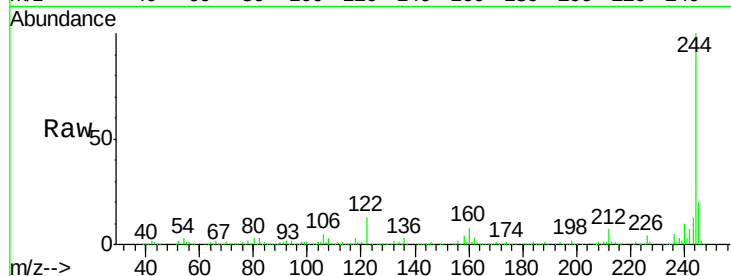
Tot Ion:244 Resp: 402291

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

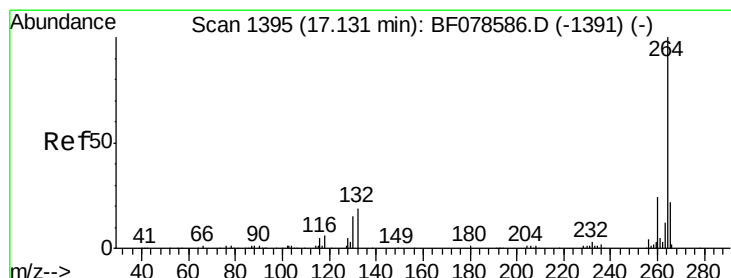
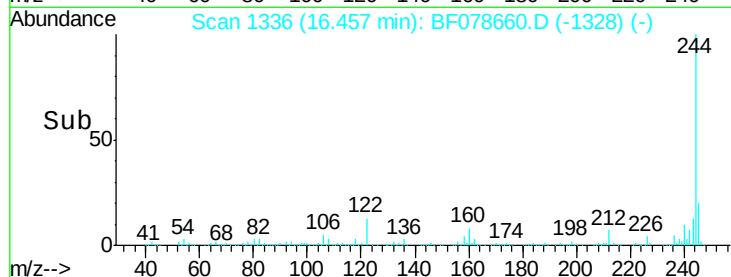
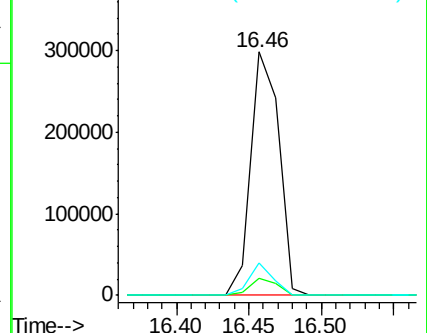
122 13.3 7.1 10.7#



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: 19.47 min Scan# 1600

Delta R.T. -0.06 min

Lab File: BF078660.D

Acq: 20 Apr 2015 23:19

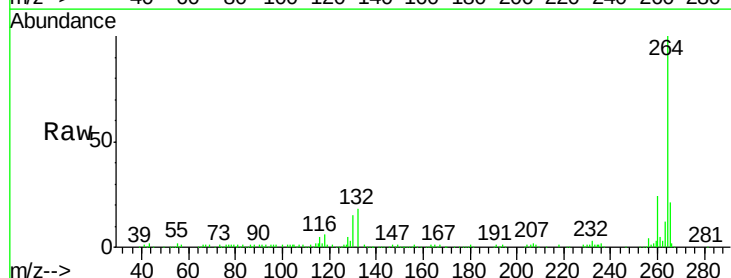
Tgt Ion:264 Resp: 137209

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.2 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

