

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078369.D
 Acq On : 9 Apr 2015 20:18
 Operator : TP/IZ
 Sample : G1782-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Quant Time: Apr 10 01:19:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

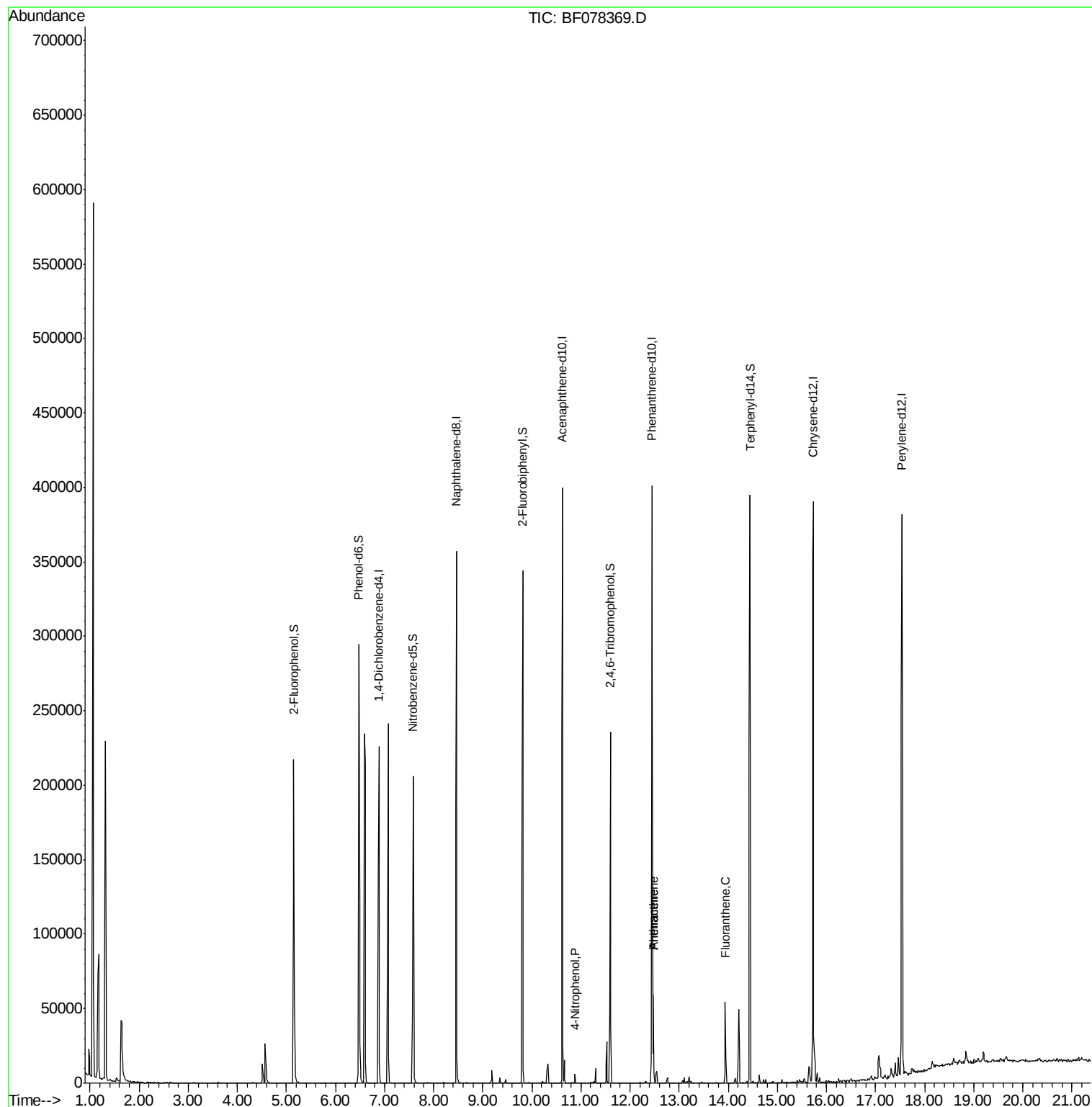
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	46544	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	199128	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	101986	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	204447	20.00	ng	-0.01
75) Chrysene-d12	15.73	240	207986	20.00	ng	0.01
86) Perylene-d12	17.54	264	192783	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	89569	31.73	ng	0.00
7) Phenol-d6	6.48	99	120783	34.14	ng	-0.01
23) Nitrobenzene-d5	7.58	82	68072	20.72	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	28045	33.16	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	143915	20.17	ng	0.00
78) Terphenyl-d14	14.44	244	166676	18.11	ng	0.00
Target Compounds						
55) 4-Nitrophenol	10.88	139	1337	3.74	ng	Qvalue # 18
70) Phenanthrene	12.48	178	25131	2.13	ng	100
71) Anthracene	12.48	178	25130	2.16	ng	98
74) Fluoranthene	13.94	202	26038	2.09	ng	97

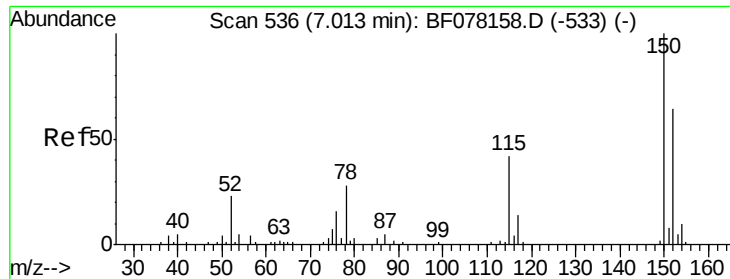
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Instrument :

BNA_F

ClientSampled :

SB12

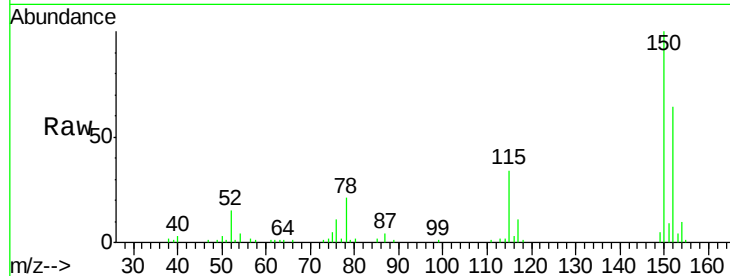
Tgt Ion:152 Resp: 46544

Ion Ratio Lower Upper

152 100

150 155.7 125.9 188.9

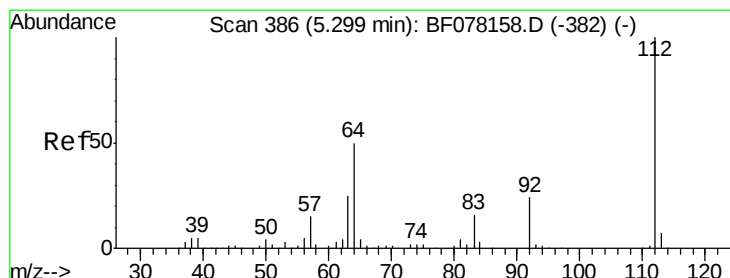
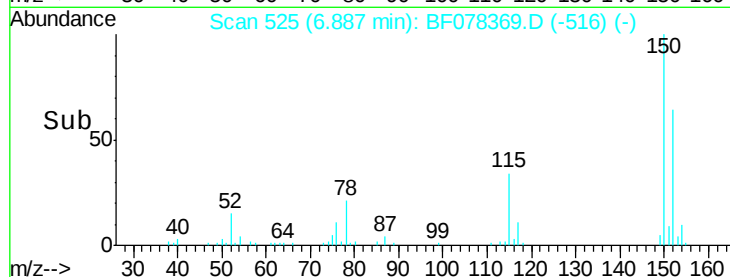
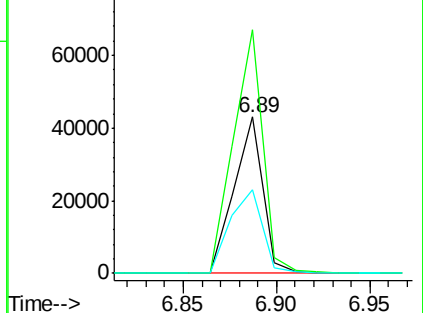
115 53.3 52.7 79.1



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: 31.73 ng

RT: 5.15 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

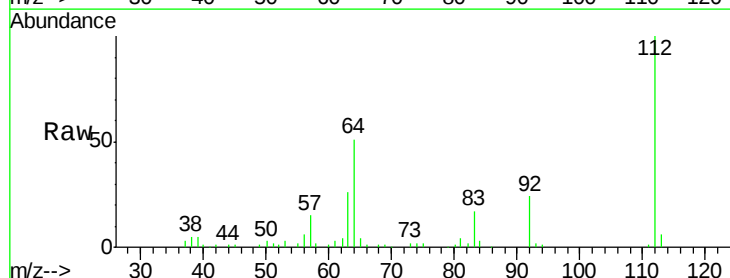
Tgt Ion:112 Resp: 89569

Ion Ratio Lower Upper

112 100

64 51.4 39.9 59.9

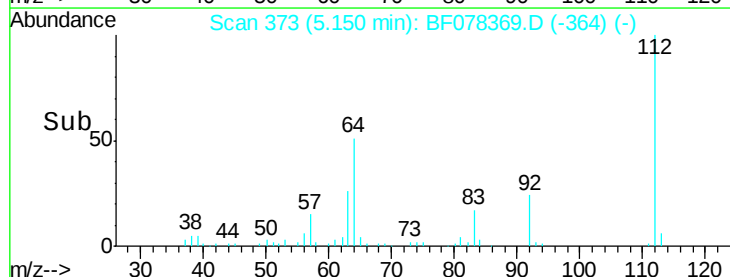
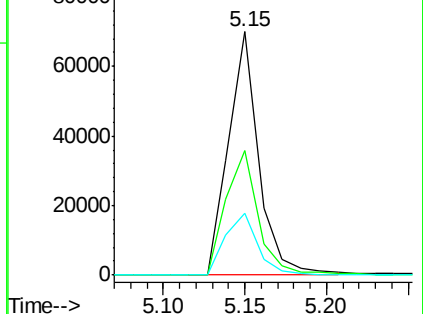
63 25.6 20.2 30.4

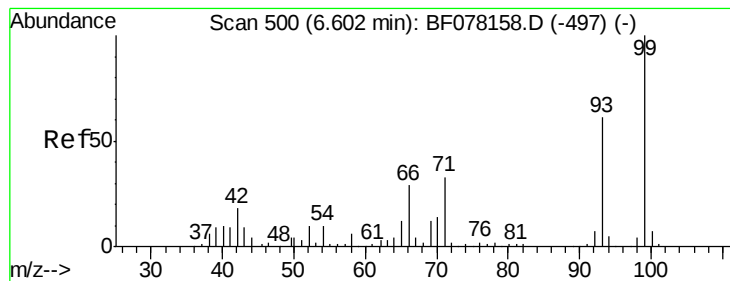


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.14 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SB12

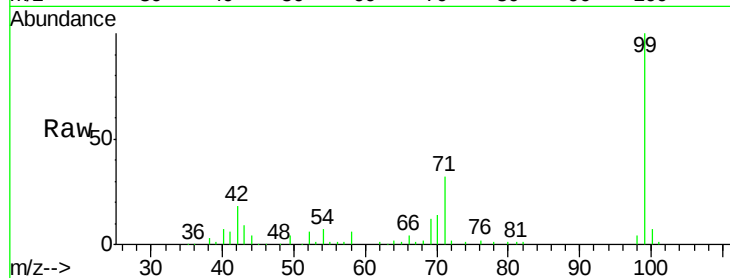
Tgt Ion: 99 Resp: 120783

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

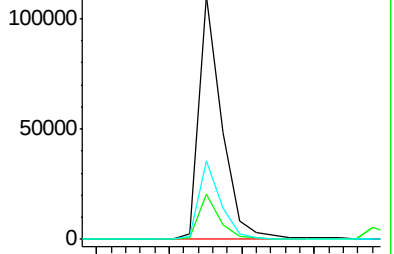
71 32.0 26.6 39.8



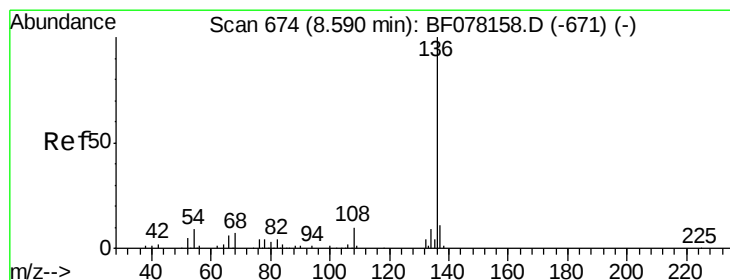
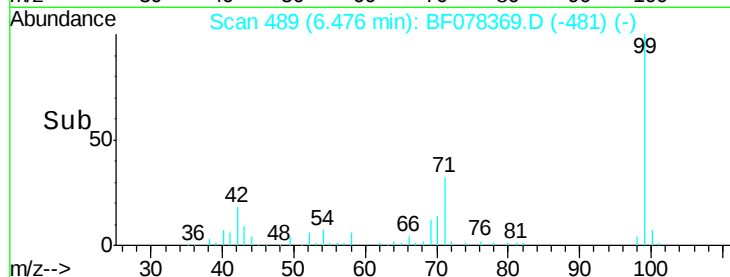
Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Tgt Ion: 136 Resp: 199128

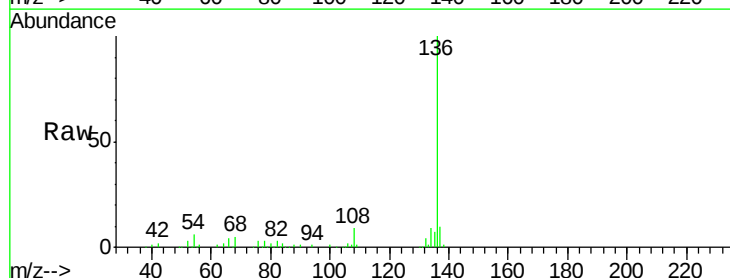
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.9 7.0 10.6#

68 4.8 5.4 8.2#

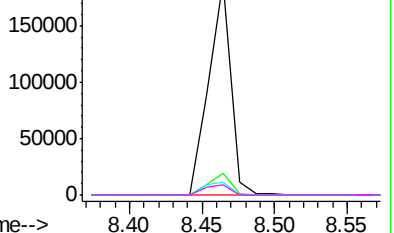


Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

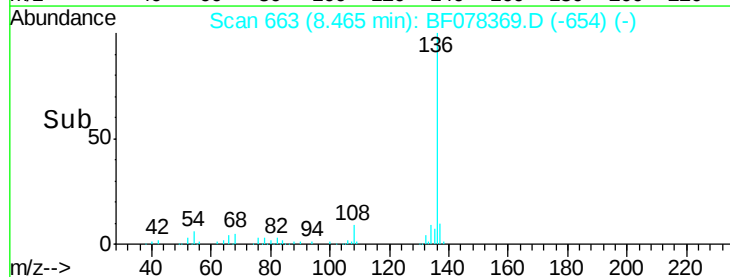
Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

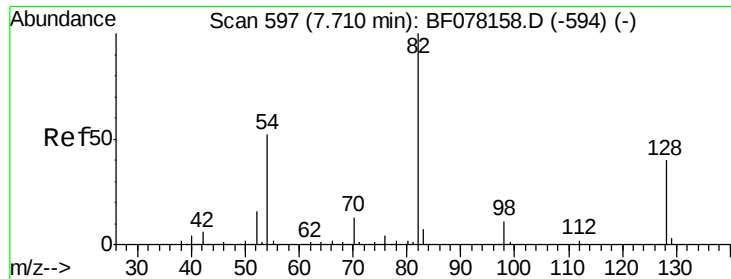
Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)



Time-->

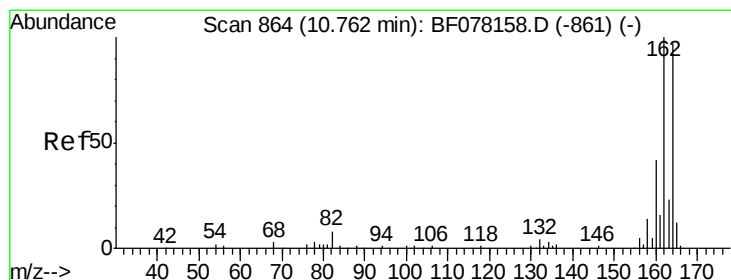
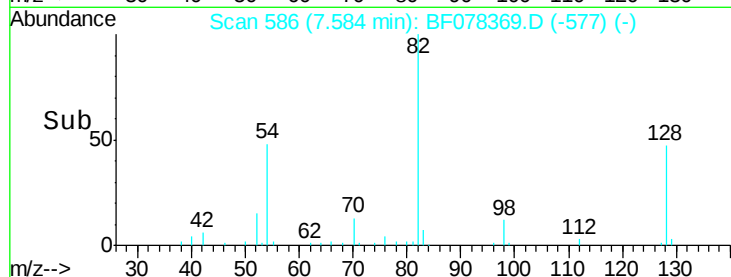
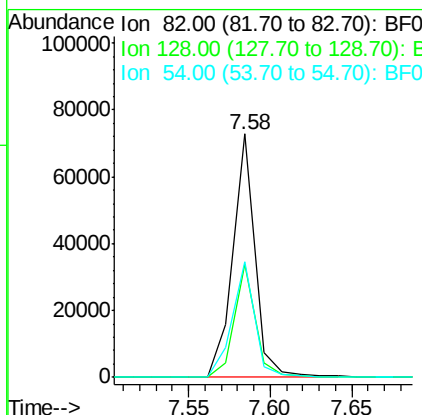
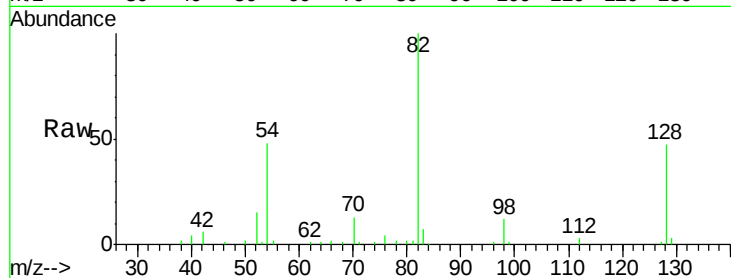




#23
 Nitrobenzene-d5
 Concen: 20.72 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

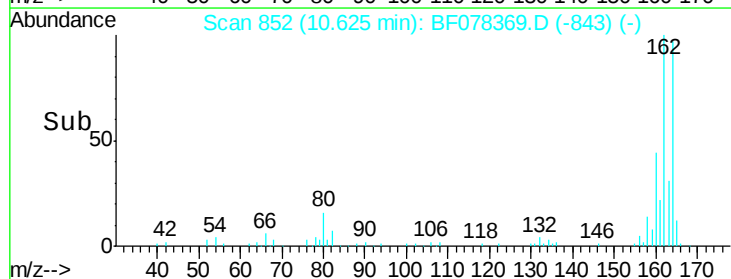
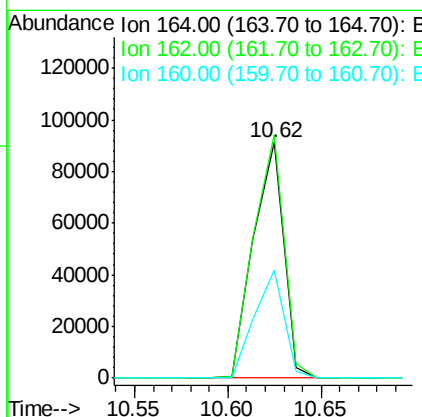
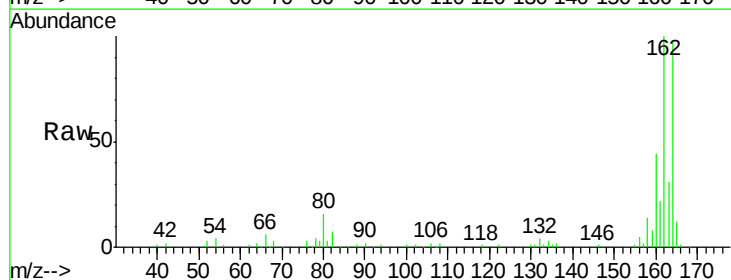
Instrument :
 BNA_F
 ClientSampleID :
 SB12

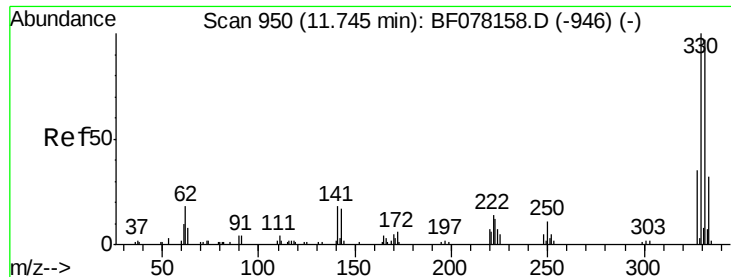
Tgt Ion: 82 Resp: 68072
 Ion Ratio Lower Upper
 82 100
 128 46.6 31.8 47.8
 54 47.6 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion: 164 Resp: 101986
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.2
 160 45.8 34.7 52.1

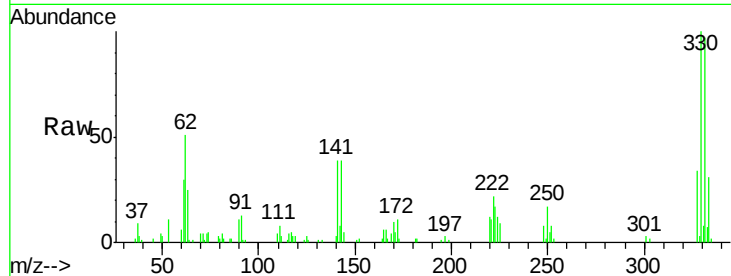




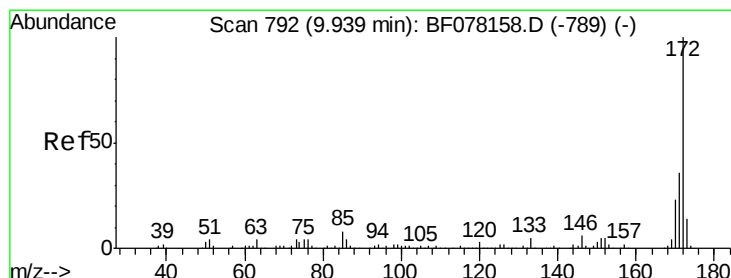
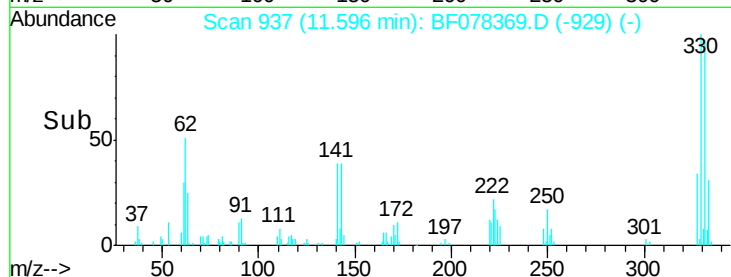
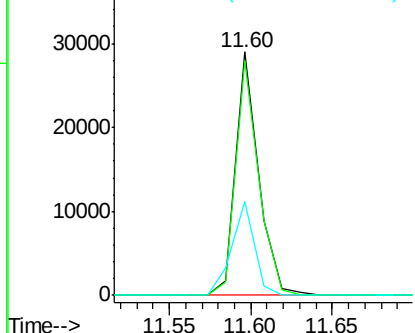
#41
 2,4,6-Tribromophenol
 Concen: 33.16 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Tgt Ion:330 Resp: 28045
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.6 117.8
 141 38.2 31.2 46.8

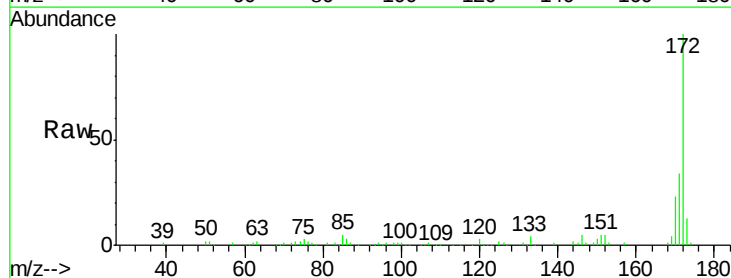


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

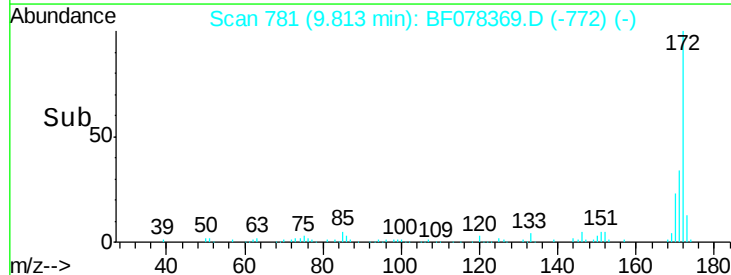
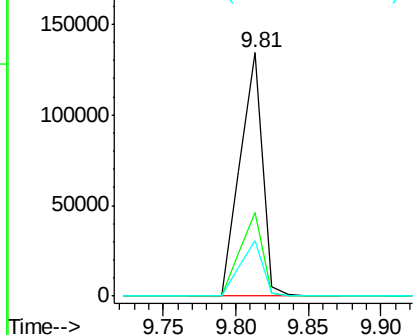


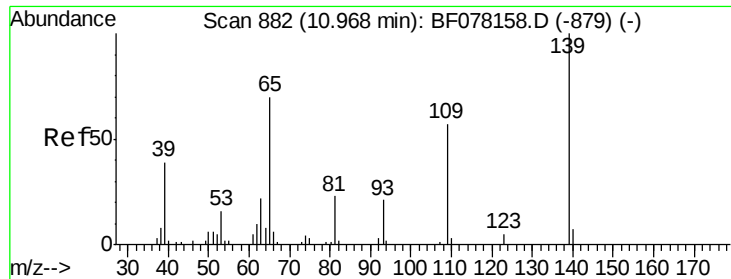
#44
 2-Fluorobiphenyl
 Concen: 20.17 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion:172 Resp: 143915
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 22.9 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

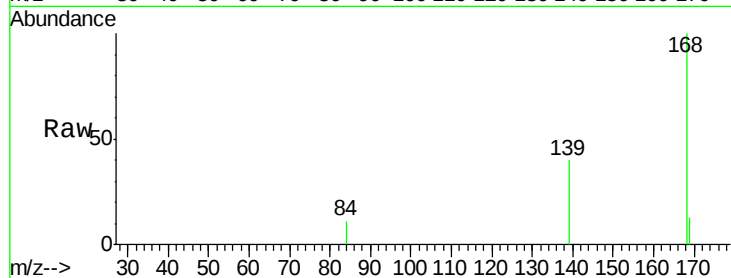




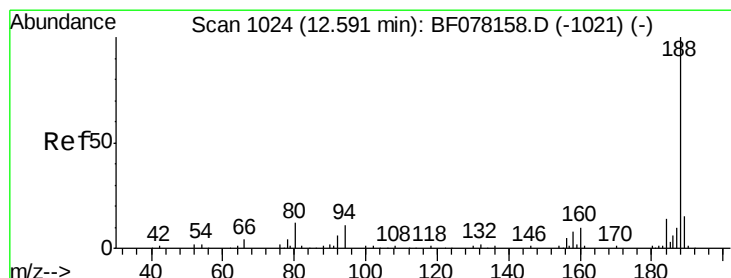
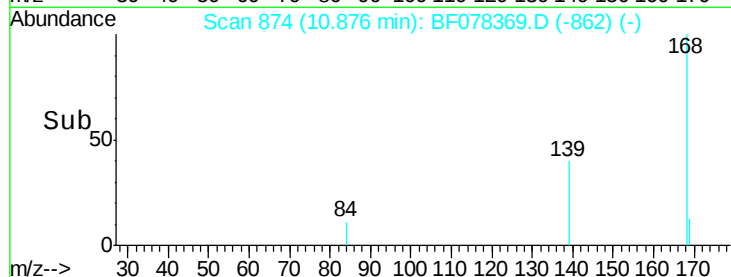
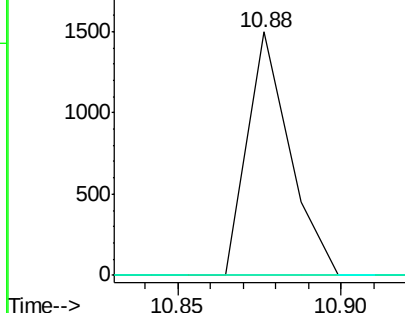
#55
 4-Nitrophenol
 Concen: 3.74 ng
 RT: 10.88 min Scan# 874
 Delta R.T. 0.03 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Instrument :
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 ClientSampleId :
 SB12

Tgt Ion:139 Resp: 1337
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

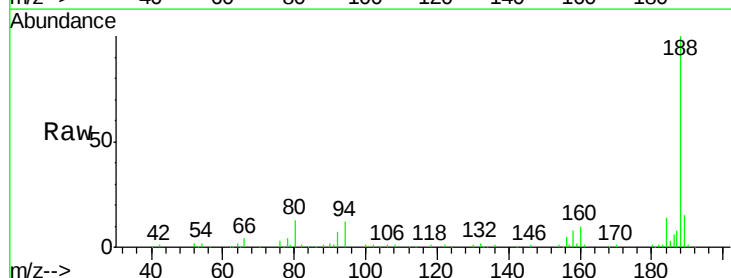


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

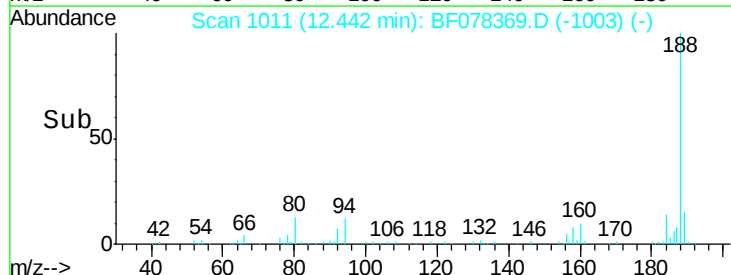
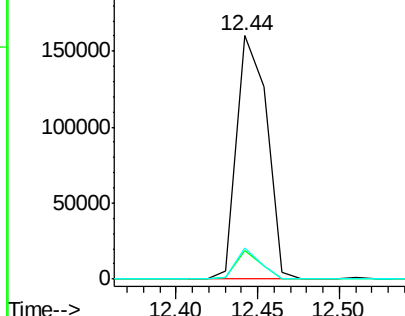


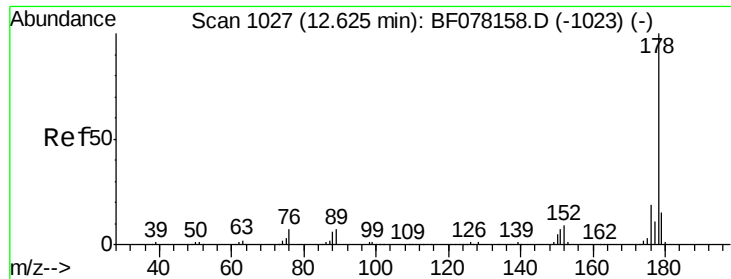
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion:188 Resp: 204447
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.0 13.4
 80 12.7 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

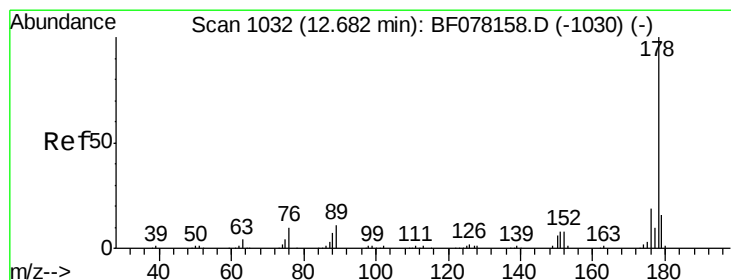
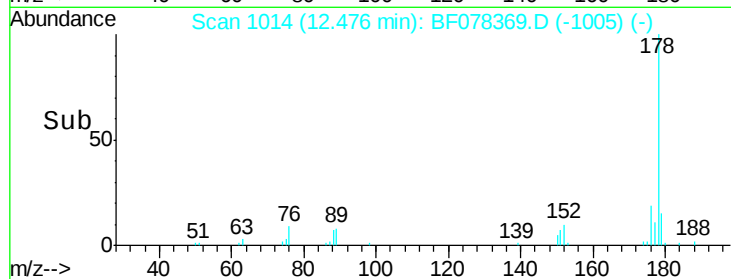
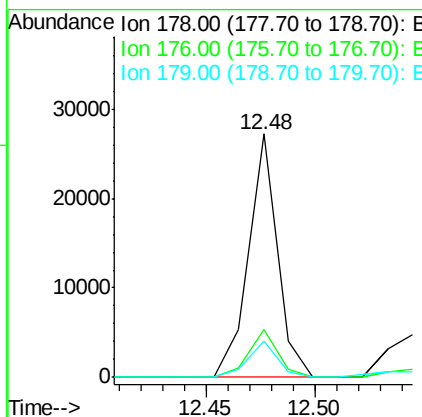
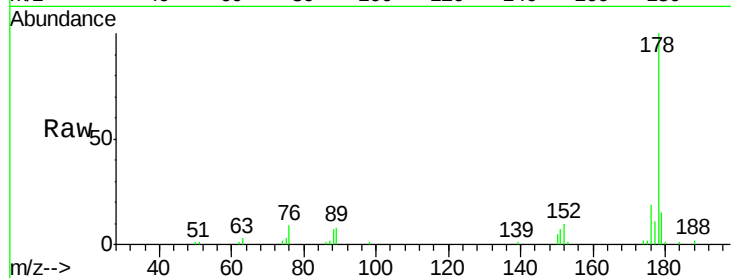




#70
 Phenanthrene
 Concen: 2.13 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

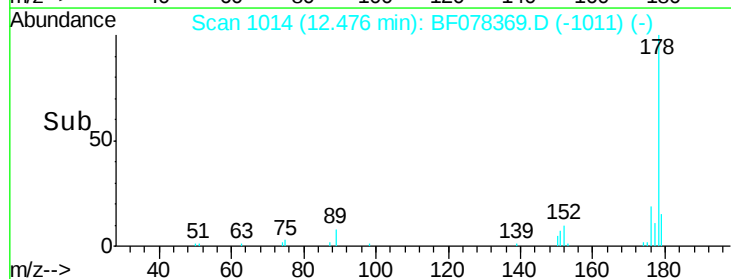
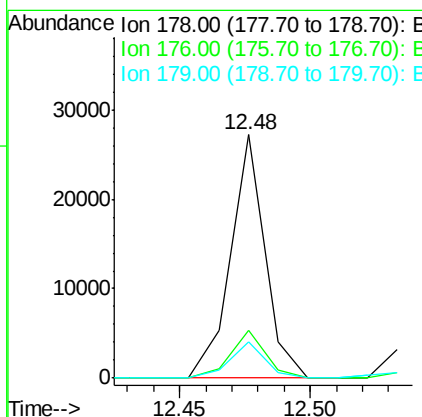
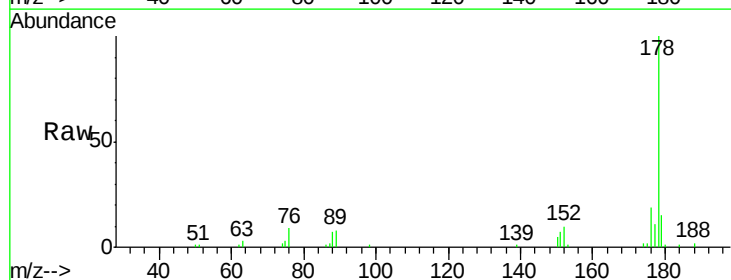
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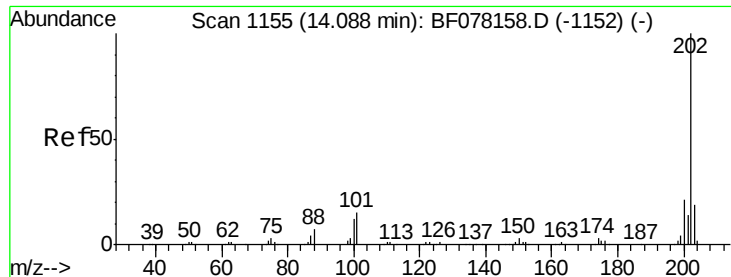
Tgt Ion:178 Resp: 25131
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.0 12.2 18.2



#71
 Anthracene
 Concen: 2.16 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.07 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion:178 Resp: 25130
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.8 22.2
 179 15.0 12.4 18.6

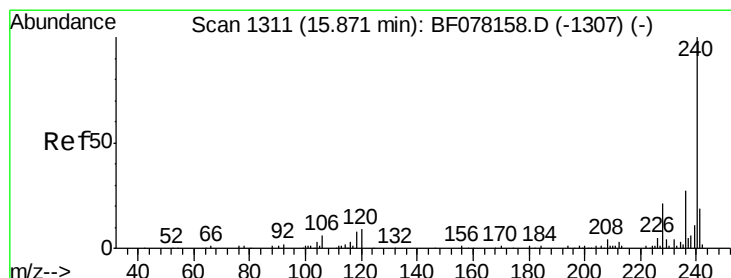
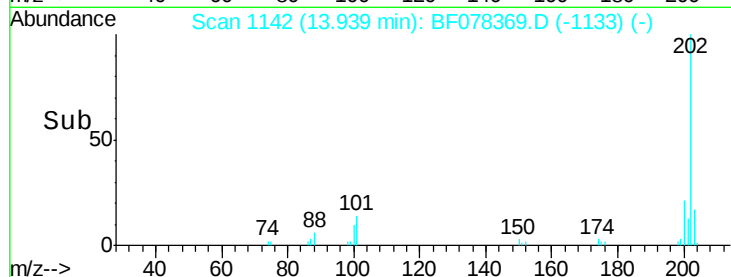
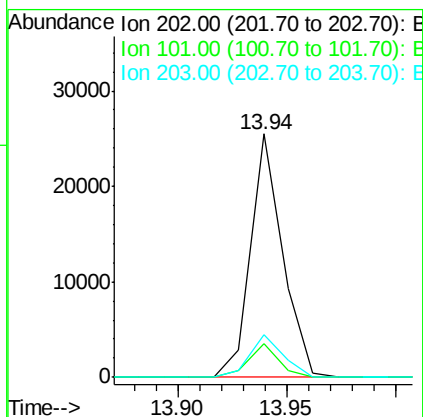
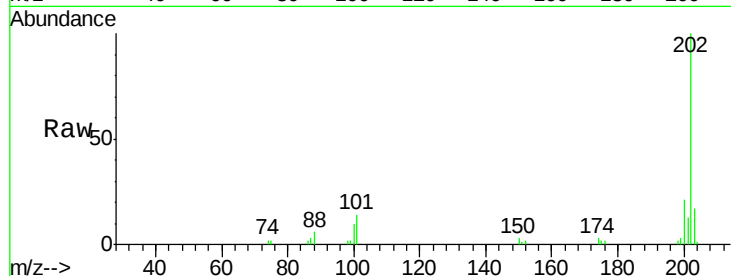




#74
 Fluoranthene
 Concen: 2.09 ng
 RT: 13.94 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

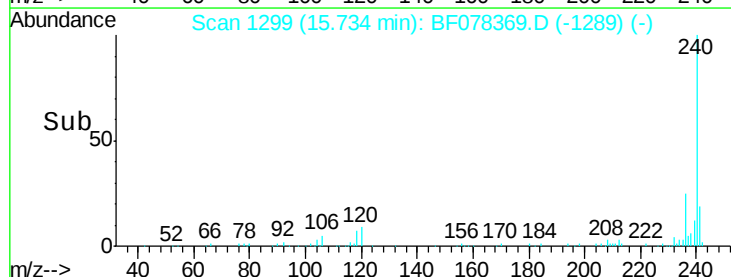
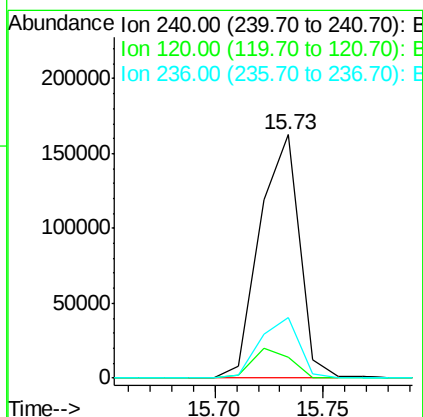
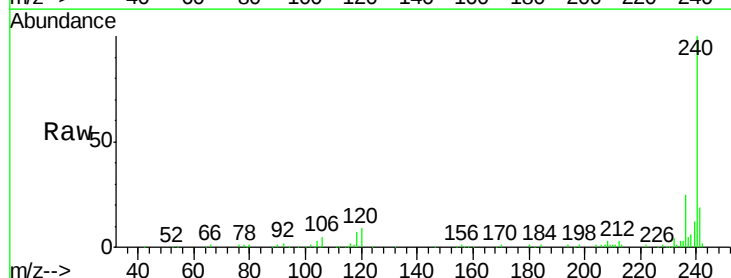
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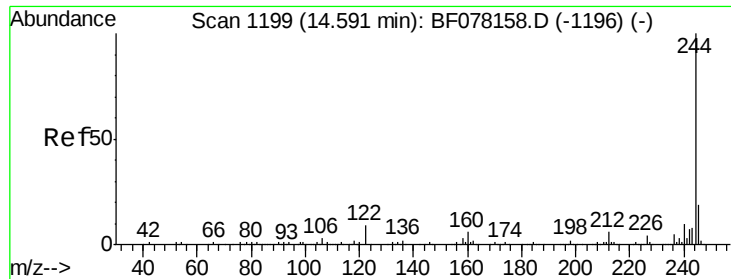
Tgt Ion: 202 Resp: 26038
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 35.2
 203 17.4 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.73 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion: 240 Resp: 207986
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.1 10.7
 236 25.0 21.4 32.2





#78

Terphenyl-d14

Concen: 18.11 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SB12

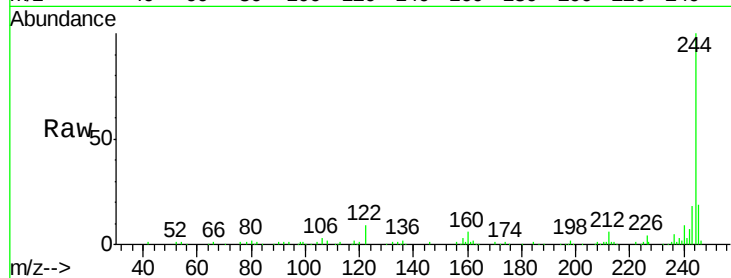
Tgt Ion:244 Resp: 166676

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

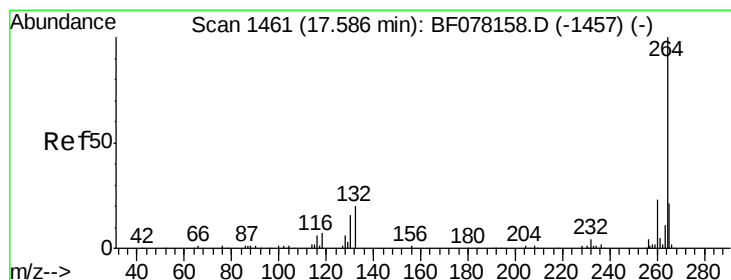
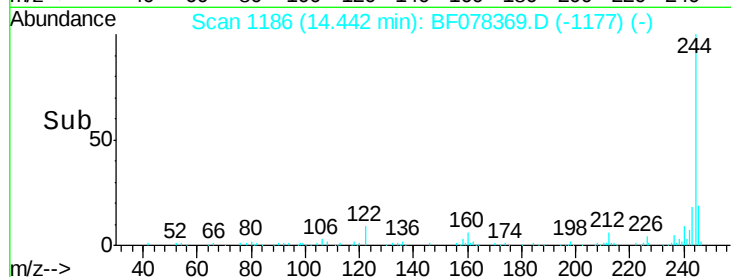
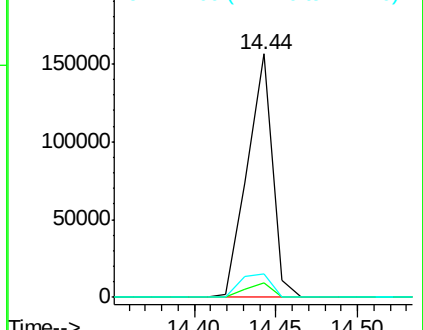
122 9.5 7.1 10.7



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: 17.54 min Scan# 1457

Delta R.T. 0.06 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

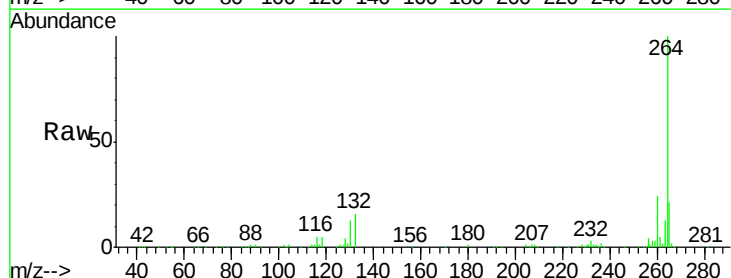
Tgt Ion:264 Resp: 192783

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.6 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

