

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078290.D
 Acq On : 7 Apr 2015 8:28
 Operator : TP/IZ
 Sample : G1779-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(2-4)

Quant Time: Apr 07 08:03:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

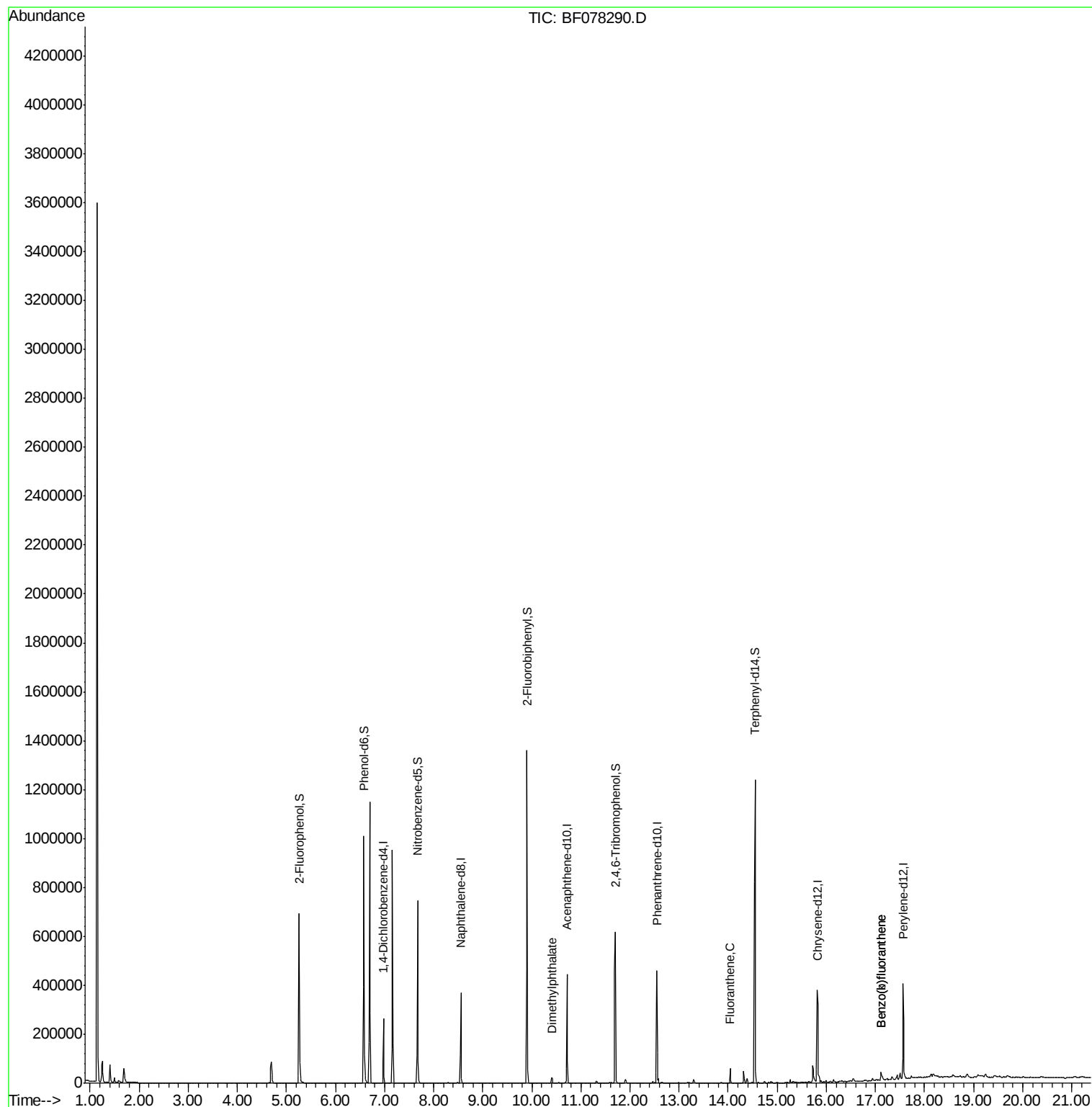
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	44281	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	179531	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	91708	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	180803	20.00	ng	0.00
75) Chrysene-d12	15.83	240	187793	20.00	ng	0.01
86) Perylene-d12	17.56	264	190499	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	307218	114.39	ng	0.01
7) Phenol-d6	6.58	99	409397	121.63	ng	0.00
23) Nitrobenzene-d5	7.68	82	232235	78.41	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	96184	126.46	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	468415	73.01	ng	0.00
78) Terphenyl-d14	14.55	244	527185	63.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.42	163	15648	2.27	ng	# 95
74) Fluoranthene	14.04	202	26605	2.41	ng	95
87) Benzo(b)fluoranthene	17.12	252	25594	2.17	ng	# 92
88) Benzo(k)fluoranthene	17.12	252	25593	2.45	ng	98

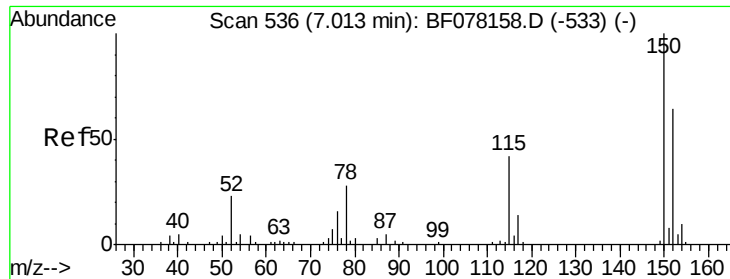
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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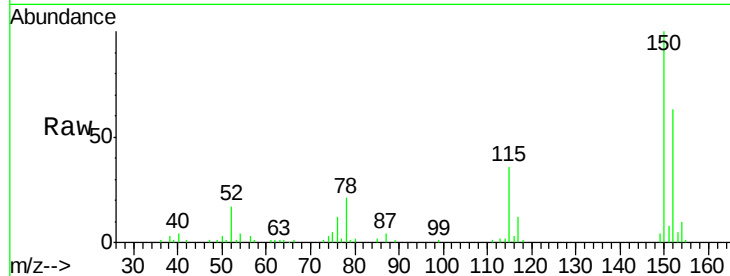




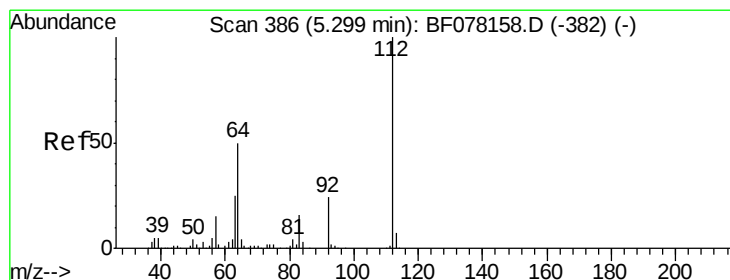
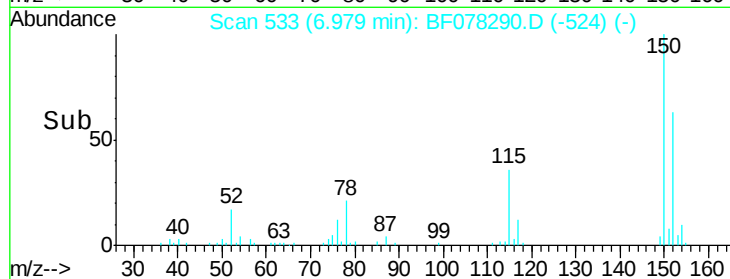
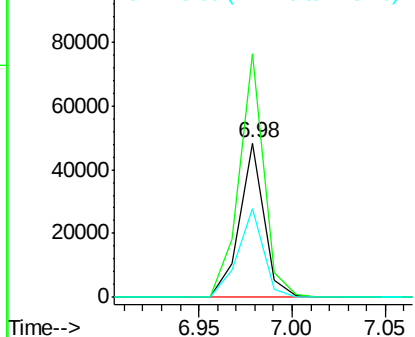
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(2-4)

Tgt Ion:152 Resp: 44281
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 57.4 52.7 79.1

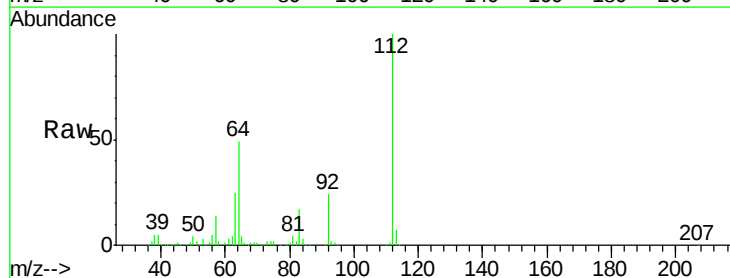


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

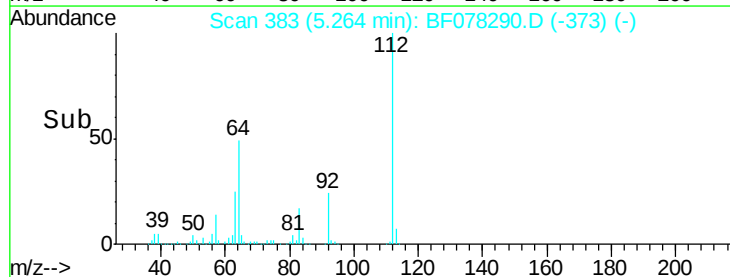
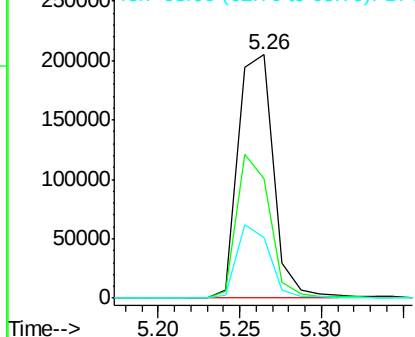


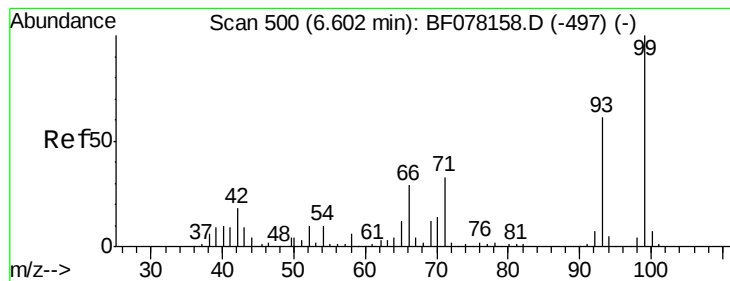
#5
 2-Fluorophenol
 Concen: 114.39 ng
 RT: 5.26 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Tgt Ion:112 Resp: 307218
 Ion Ratio Lower Upper
 112 100
 64 49.1 39.9 59.9
 63 25.1 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: 121.63 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078290.D

Acq: 7 Apr 2015 8:28

Instrument :

BNA_F

ClientSampleId :

SB-3(2-4)

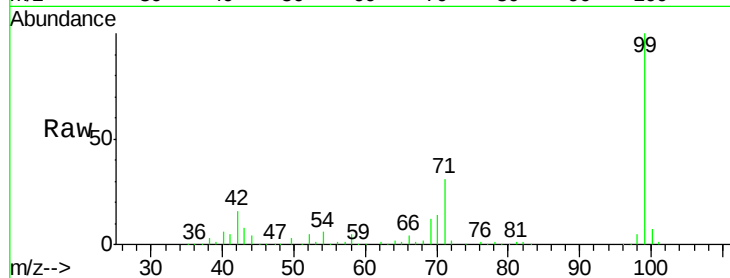
Tgt Ion: 99 Resp: 409397

Ion Ratio Lower Upper

99 100

42 15.6 14.8 22.2

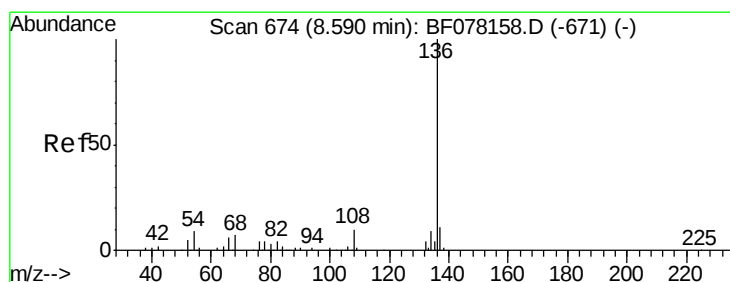
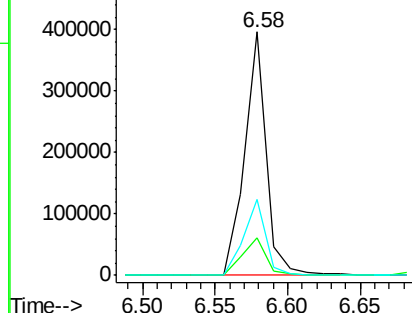
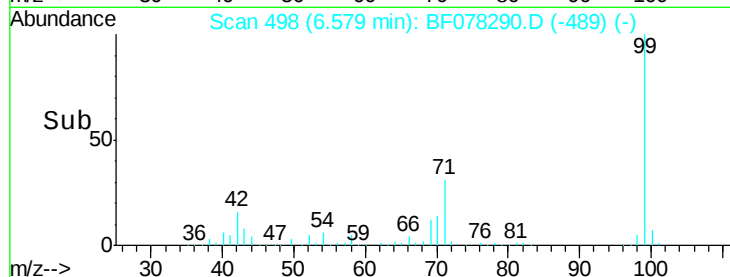
71 31.0 26.6 39.8



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: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078290.D

Acq: 7 Apr 2015 8:28

Tgt Ion: 136 Resp: 179531

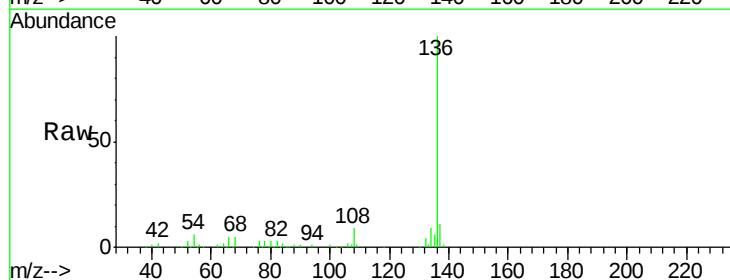
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.2 7.0 10.6#

68 5.3 5.4 8.2#

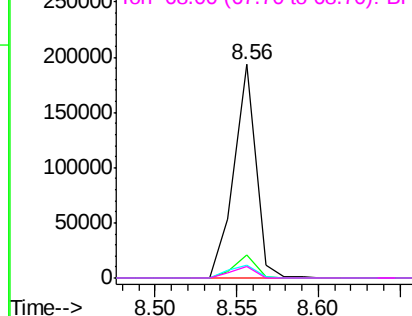
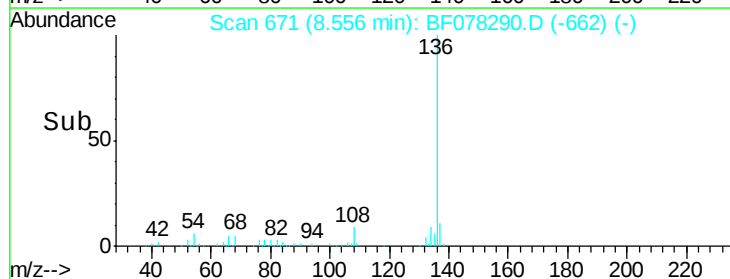


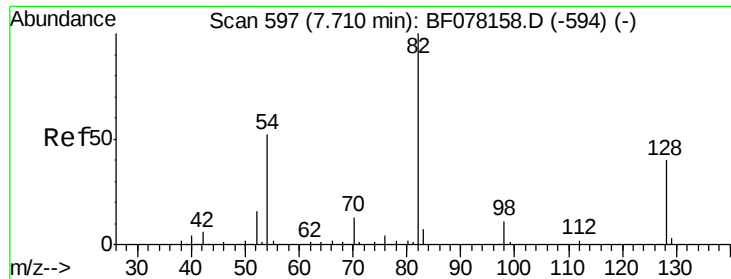
Abundance Ion 136.00 (135.70 to 136.70): E

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

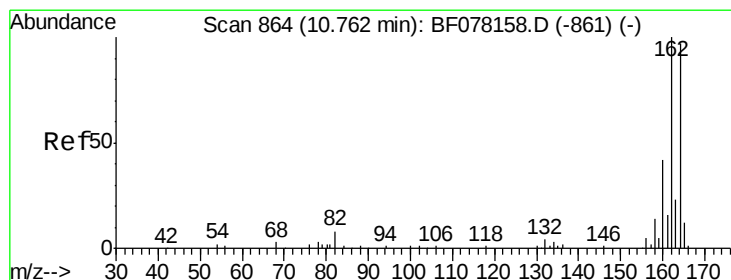
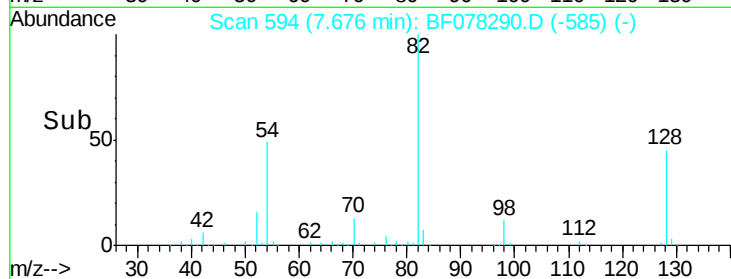
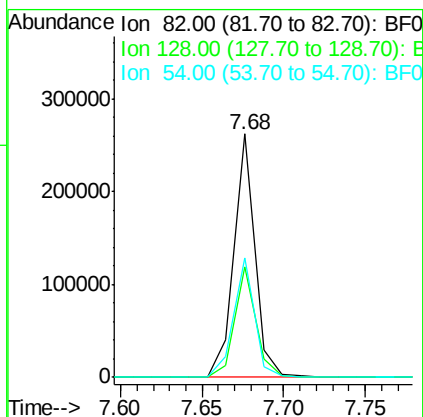
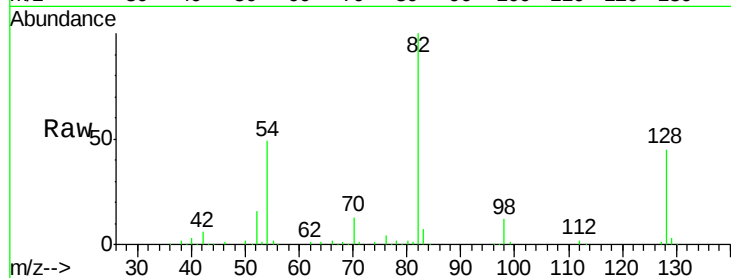




#23
 Nitrobenzene-d5
 Concen: 78.41 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

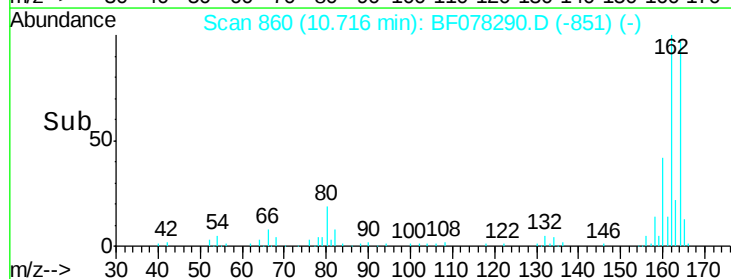
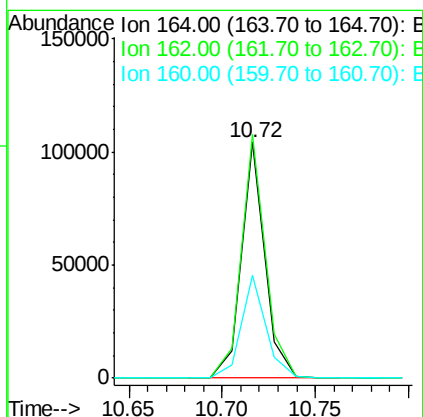
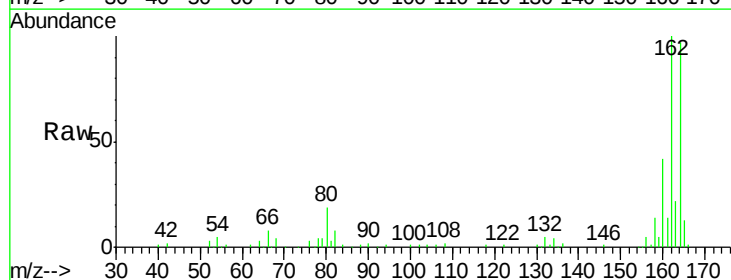
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(2-4)

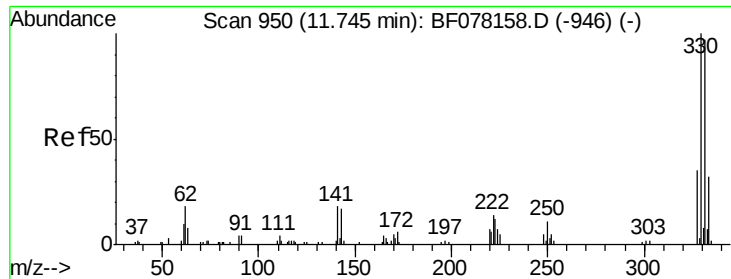
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	31.8	47.8
54	48.9	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	43.7	34.7	52.1

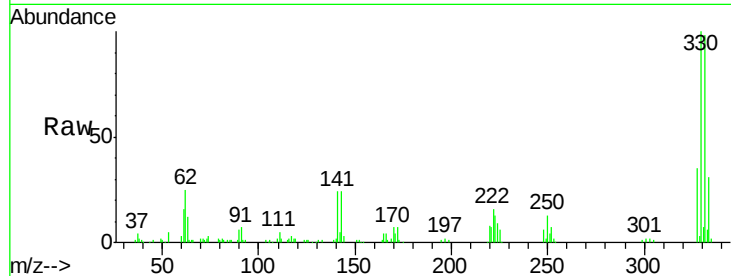




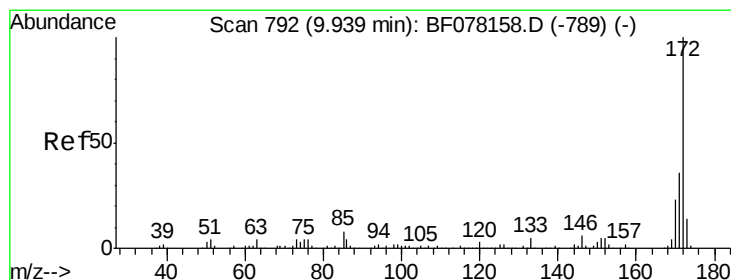
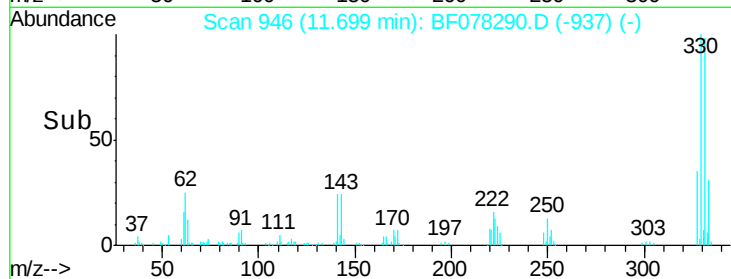
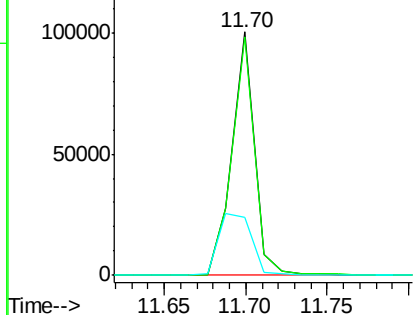
#41
 2,4,6-Tribromophenol
 Concen: 126.46 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(2-4)

Tgt Ion:330 Resp: 96184
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.6 117.8
 141 37.1 31.2 46.8

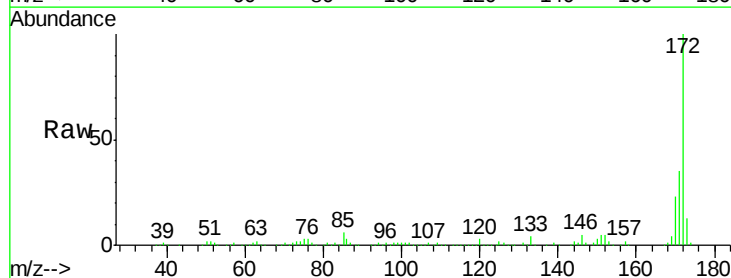


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

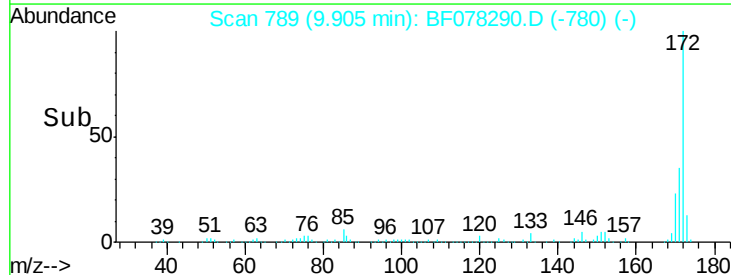
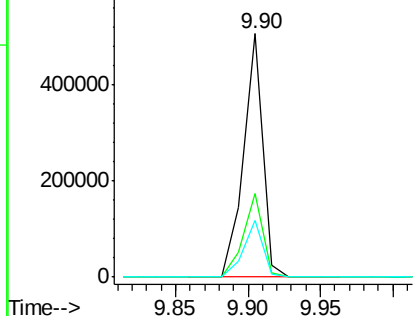


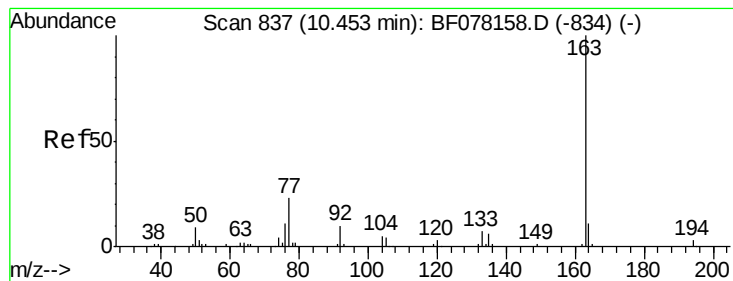
#44
 2-Fluorobiphenyl
 Concen: 73.01 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Tgt Ion:172 Resp: 468415
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.5 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





#49

Dimethylphthalate

Concen: 2.27 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078290.D

Acq: 7 Apr 2015 8:28

Instrument :

BNA_F

ClientSampleId :

SB-3(2-4)

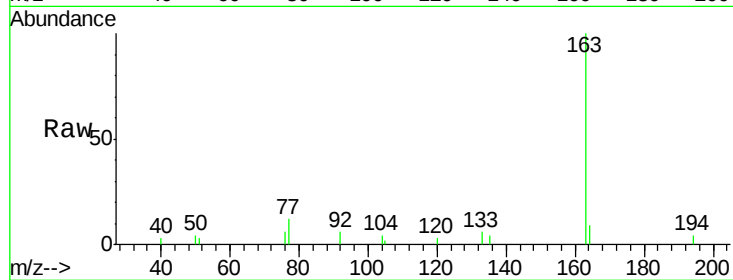
Tgt Ion:163 Resp: 15648

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

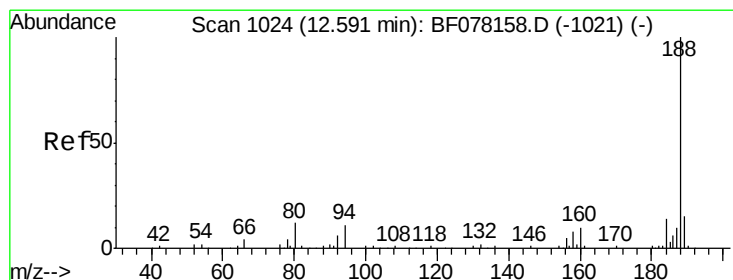
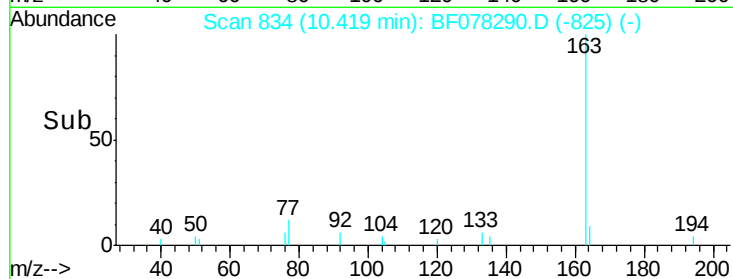
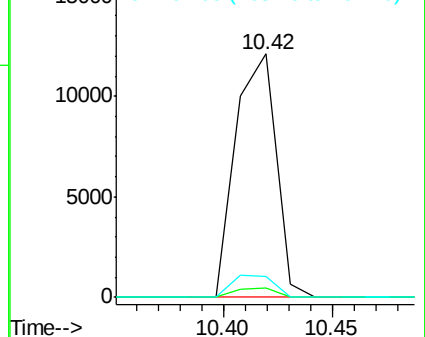
164 8.5 8.6 13.0#



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: 12.55 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF078290.D

Acq: 7 Apr 2015 8:28

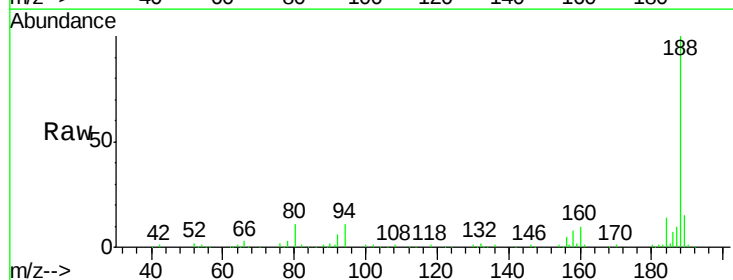
Tgt Ion:188 Resp: 180803

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

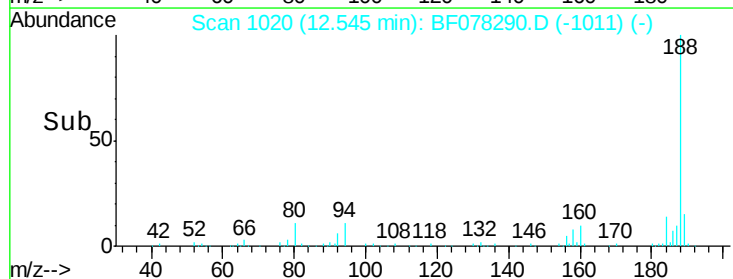
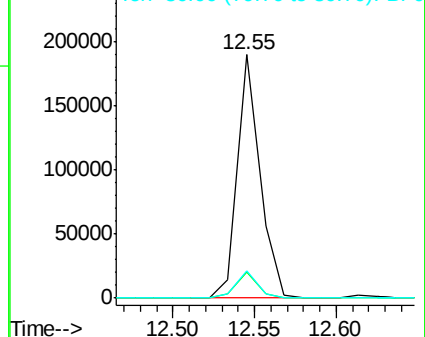
80 11.1 9.5 14.3

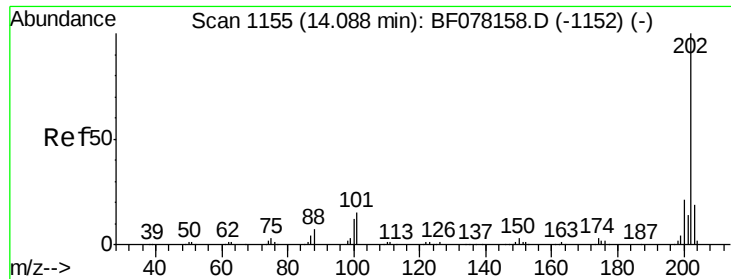


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

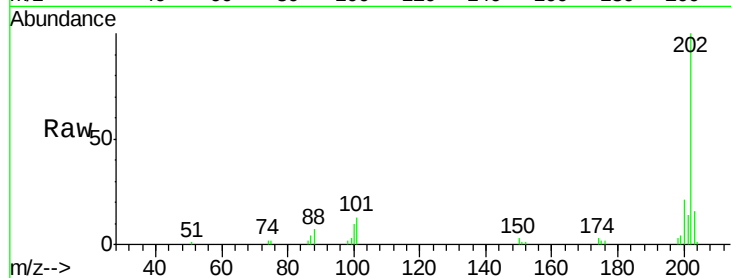




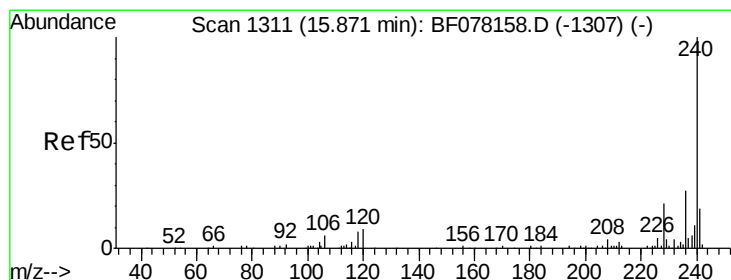
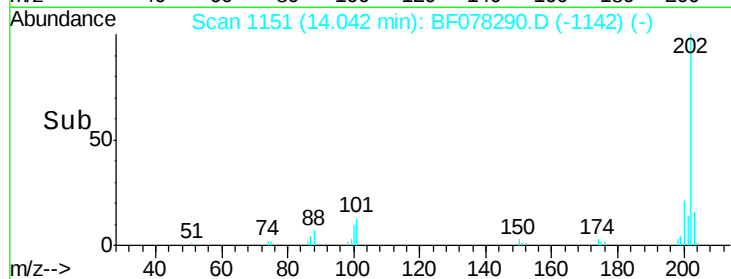
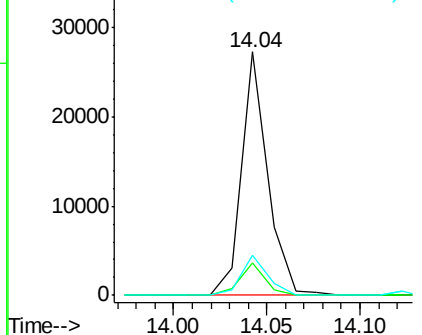
#74
 Fluoranthene
 Concen: 2.41 ng
 RT: 14.04 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Instrument :
 BNA_F
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 SB-3(2-4)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	35.2
203	16.3	0.0	38.5

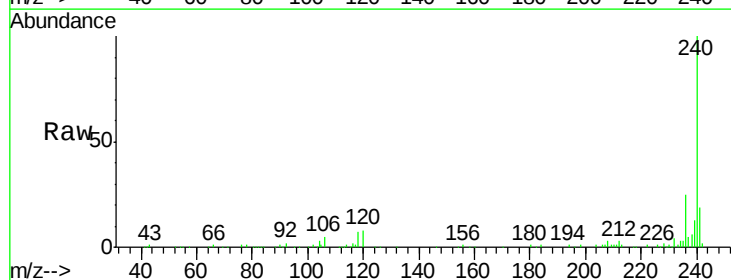


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

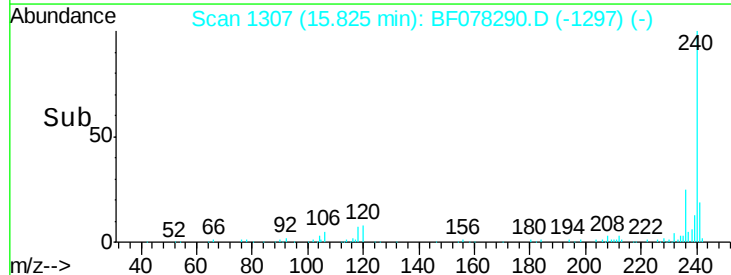
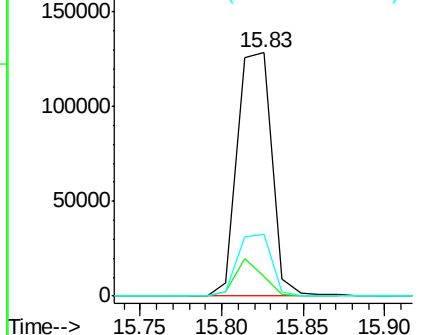


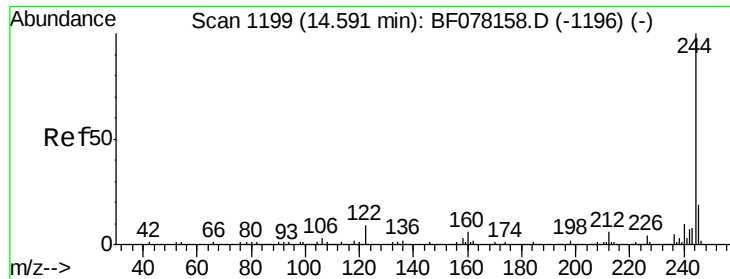
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.1	10.7
236	25.2	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

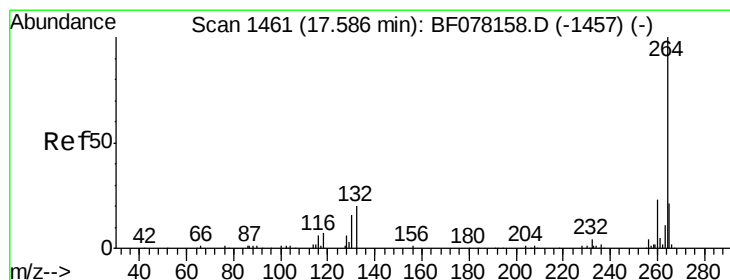
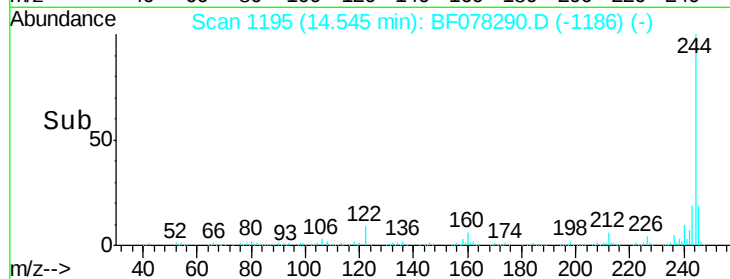
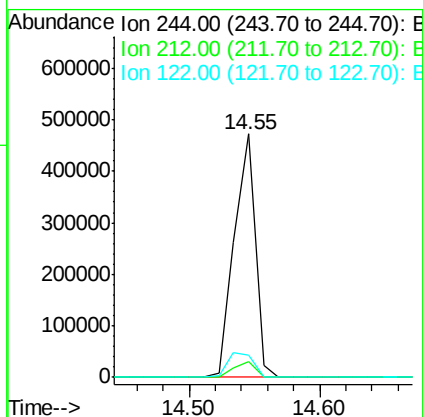
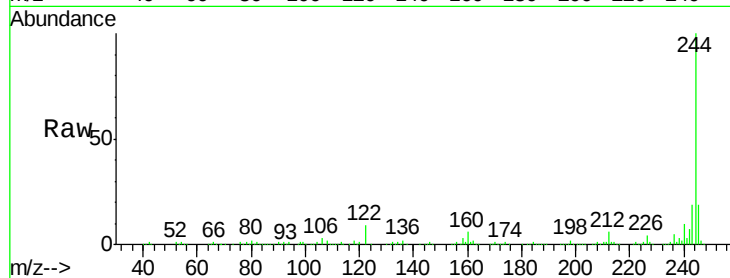




#78
 Terphenyl-d14
 Concen: 63.43 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

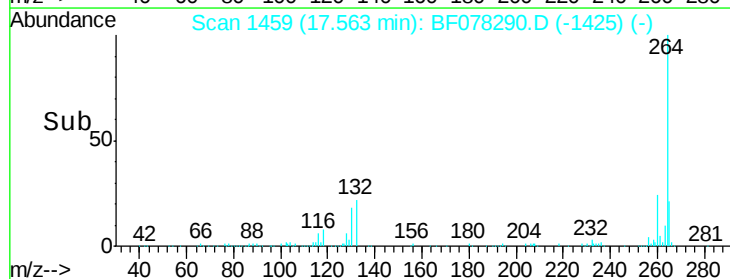
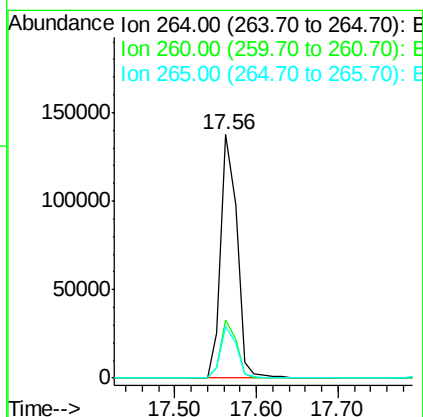
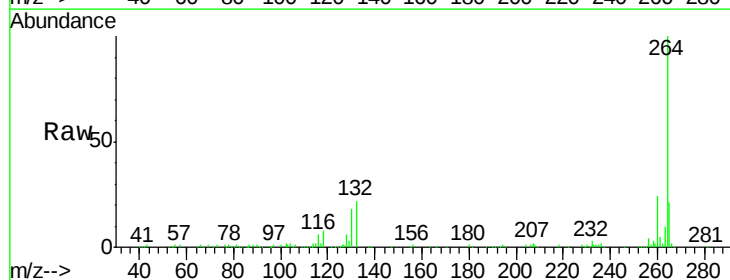
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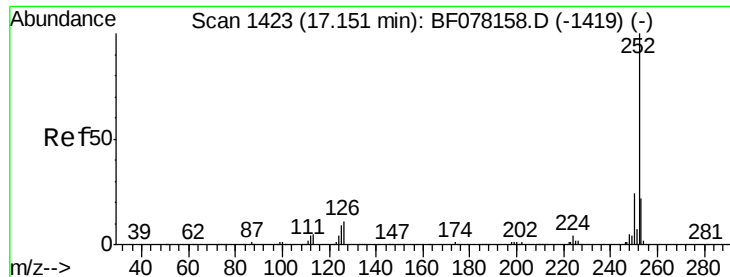
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.09 min
 Lab File: BF078290.D
 Acq: 7 Apr 2015 8:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.1	17.0	25.6

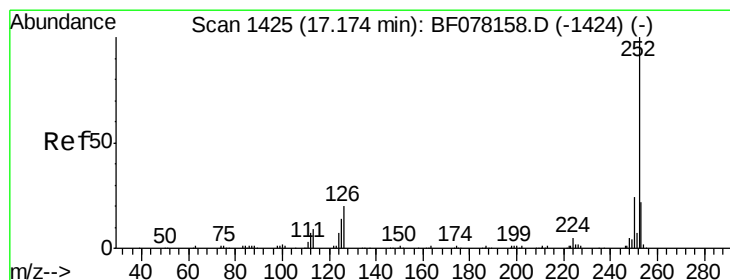
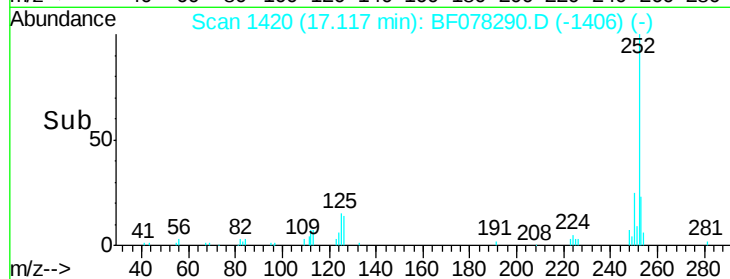
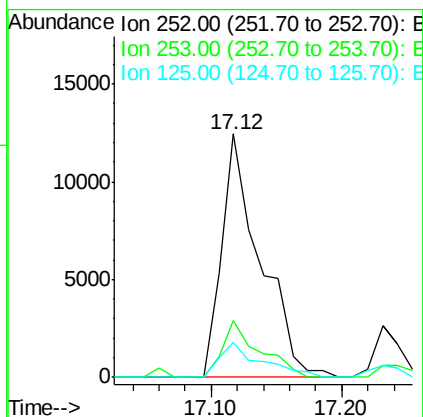
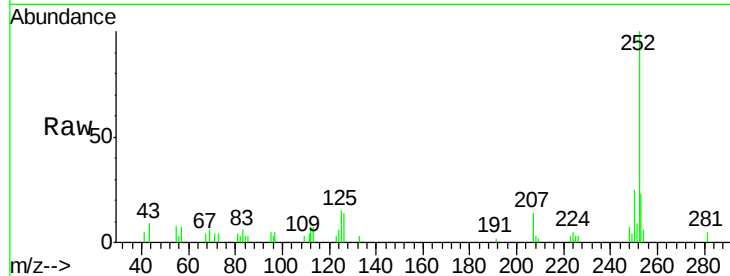




#87
Benzo(b)fluoranthene
Concen: 2.17 ng
RT: 17.12 min Scan# 1420
Delta R.T. 0.06 min
Lab File: BF078290.D
Acq: 7 Apr 2015 8:28

Instrument :
BNA_F
ClientSampleId :
SB-3(2-4)

Tgt Ion:252 Resp: 25594
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 14.5 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 2.45 ng
RT: 17.12 min Scan# 1420
Delta R.T. 0.03 min
Lab File: BF078290.D
Acq: 7 Apr 2015 8:28

Tgt Ion:252 Resp: 25593
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 14.5 11.6 17.4

