

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078962.D
 Acq On : 6 May 2015 16:05
 Operator : TP/IZ
 Sample : G2116-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

Quant Time: May 07 01:09:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

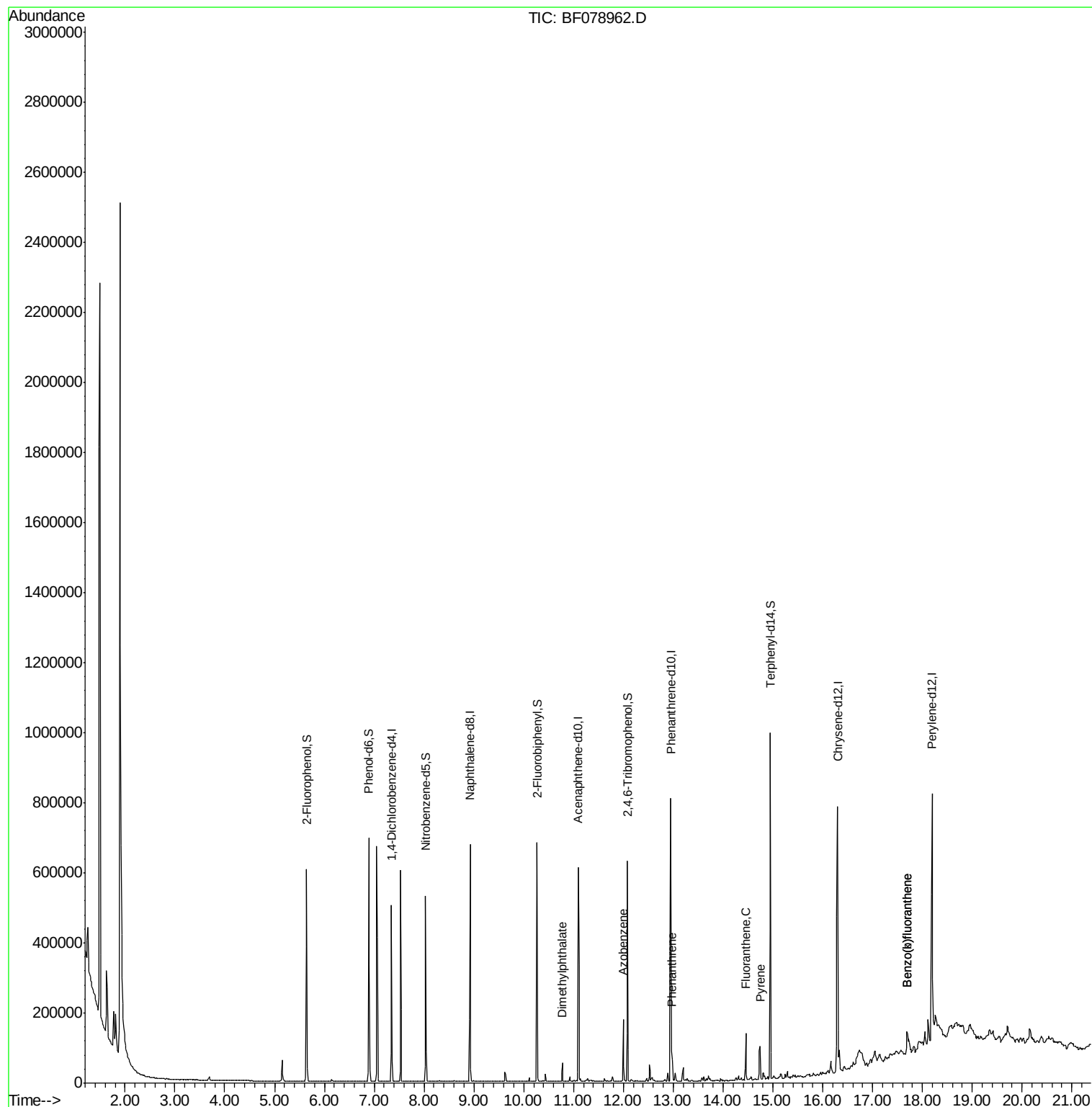
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	72902	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	305614	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	142444	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	291221	20.00	ng	0.00
75) Chrysene-d12	16.30	240	319603	20.00	ng	-0.01
86) Perylene-d12	18.19	264	342208	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	209683	49.51	ng	0.01
7) Phenol-d6	6.89	99	271176	48.44	ng	0.00
23) Nitrobenzene-d5	8.03	82	156006	29.34	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	77508	50.30	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	307174	30.04	ng	0.00
78) Terphenyl-d14	14.95	244	357700	26.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.78	163	26780	2.56	ng	99
62) Azobenzene	12.00	77	34700	3.40	ng	# 1
70) Phenanthrene	12.97	178	34601	2.12	ng	99
74) Fluoranthene	14.46	202	57353	3.38	ng	94
77) Pyrene	14.74	202	53258	2.89	ng	98
87) Benzo(b)fluoranthene	17.69	252	54429	2.91	ng	# 94
88) Benzo(k)fluoranthene	17.69	252	55193	3.04	ng	95

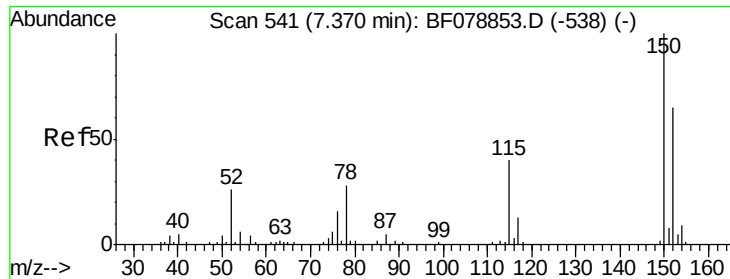
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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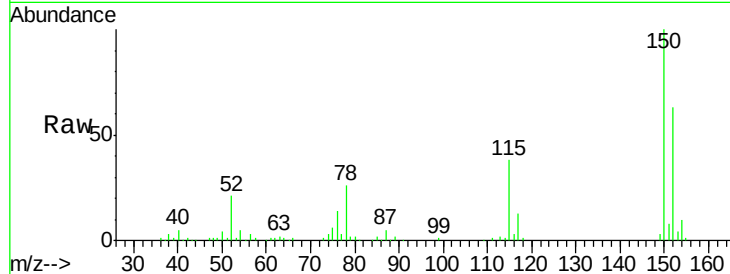


#1

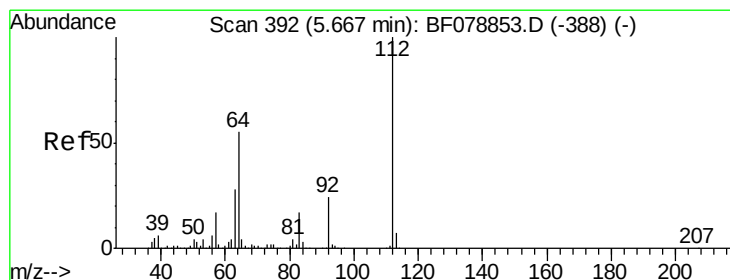
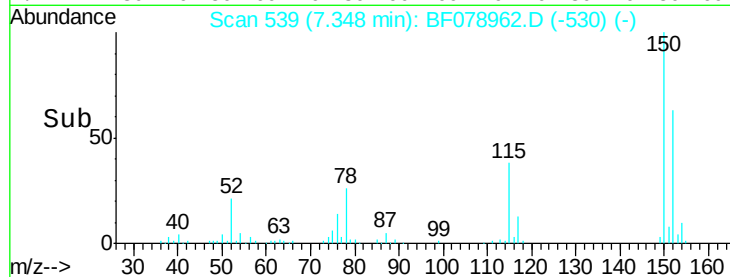
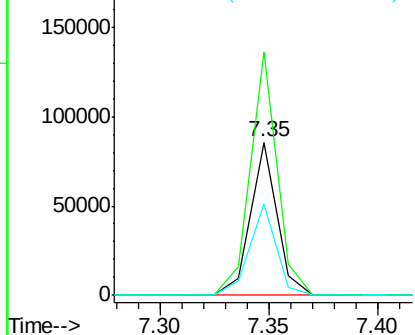
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Instrument :
BNA_F
ClientSampleId :
SB-59BS

Tgt Ion:152 Resp: 72902
Ion Ratio Lower Upper
152 100
150 159.2 122.0 183.0
115 59.9 46.3 69.5



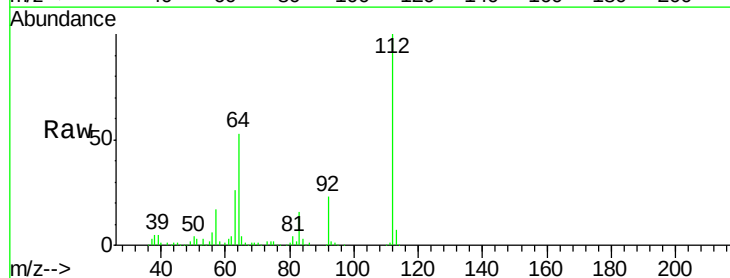
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



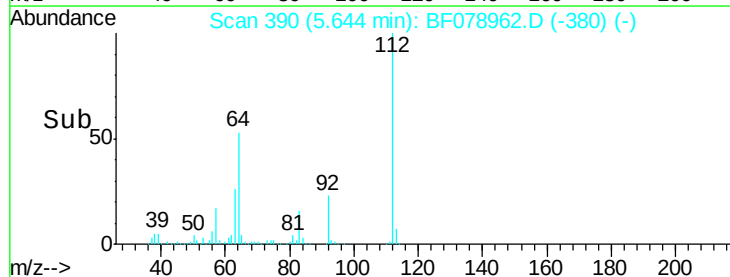
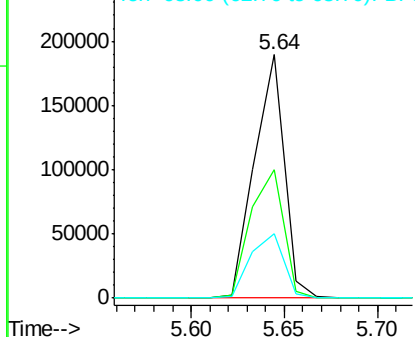
#5

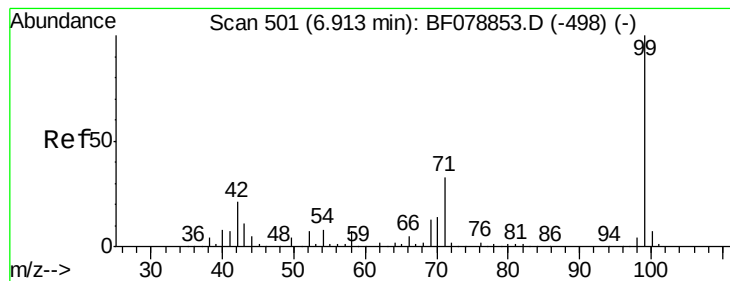
2-Fluorophenol
Concen: 49.51 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Tgt Ion:112 Resp: 209683
Ion Ratio Lower Upper
112 100
64 52.8 53.5 80.3#
63 26.4 27.5 41.3#



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: 48.44 ng

RT: 6.89 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Instrument :

BNA_F

ClientSampleId :

SB-59BS

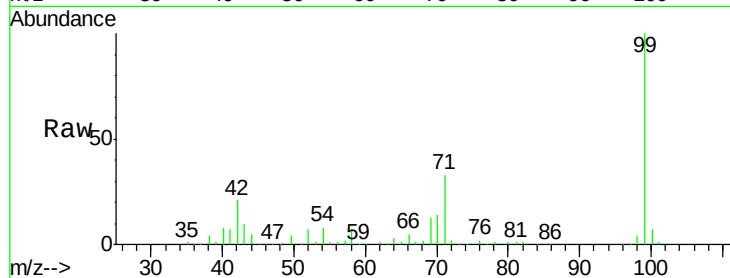
Tgt Ion: 99 Resp: 271176

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

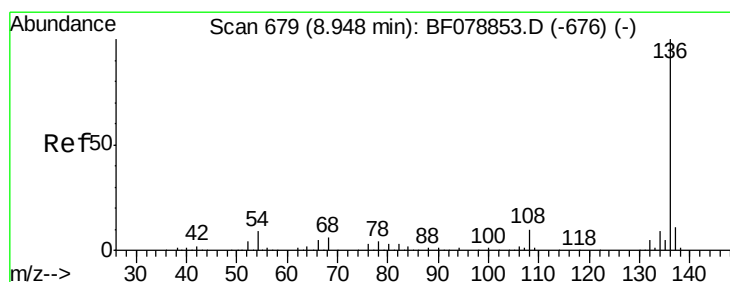
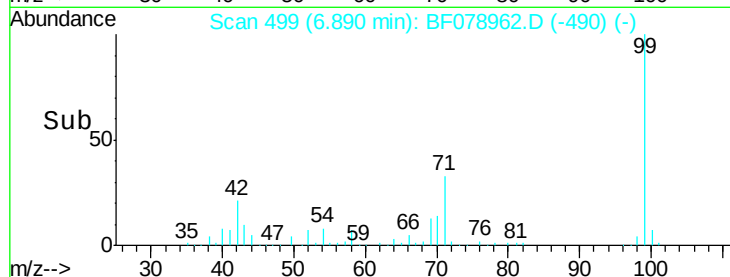
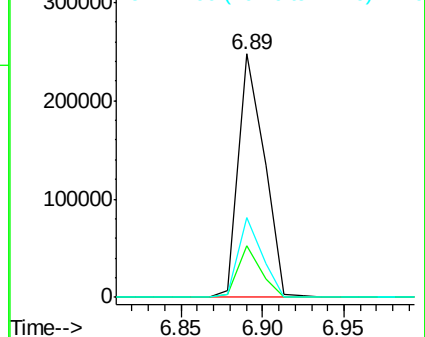
71 32.9 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Tgt Ion: 136 Resp: 305614

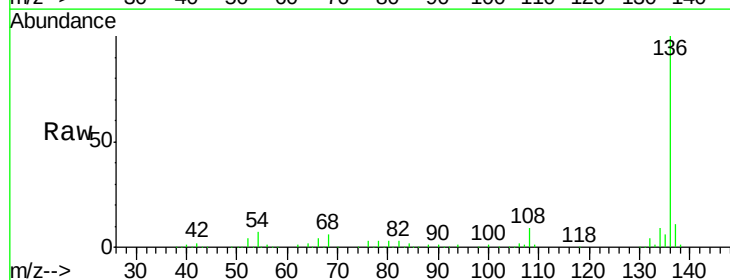
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.9 5.8 8.8

68 5.5 4.2 6.4

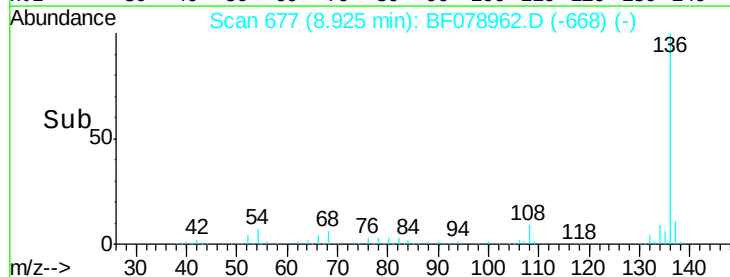
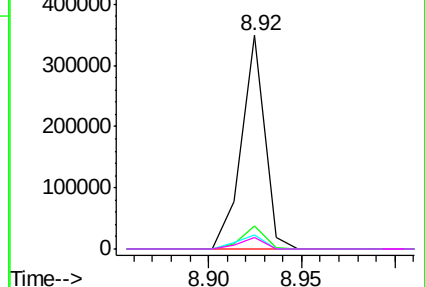


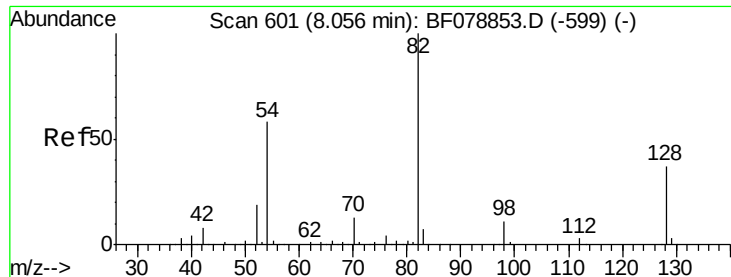
Abundance Ion 136.00 (135.70 to 136.70): E

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

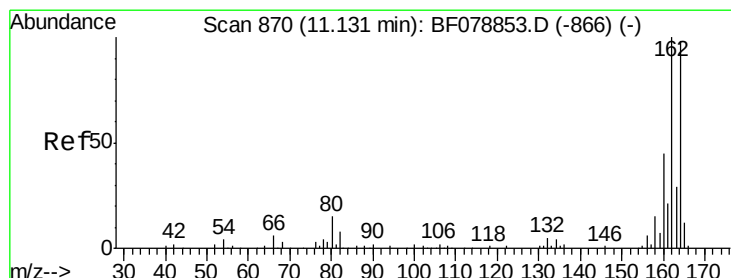
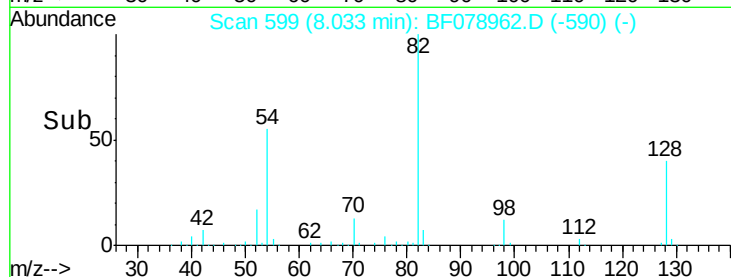
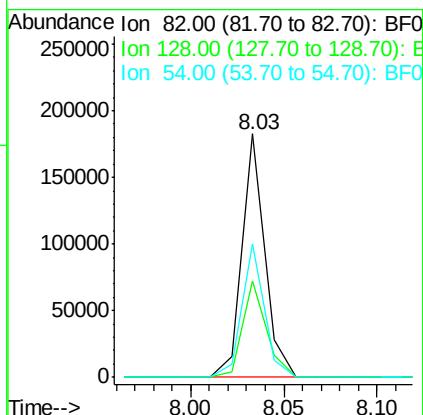
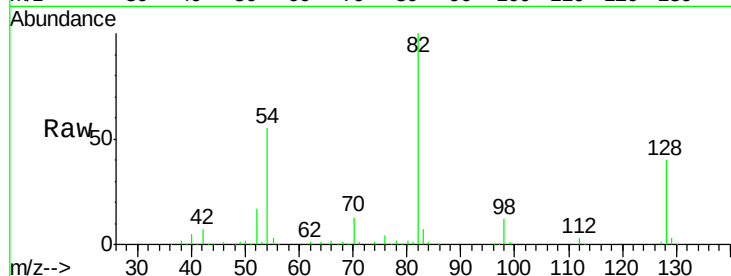




#23
 Nitrobenzene-d5
 Concen: 29.34 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

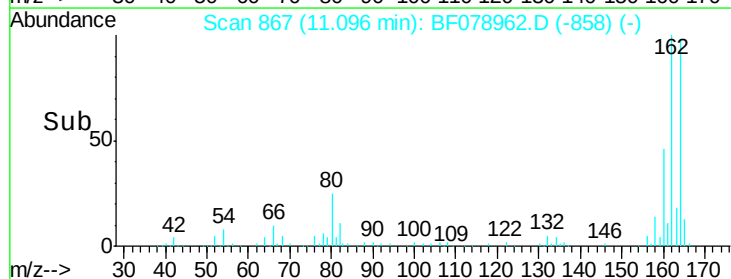
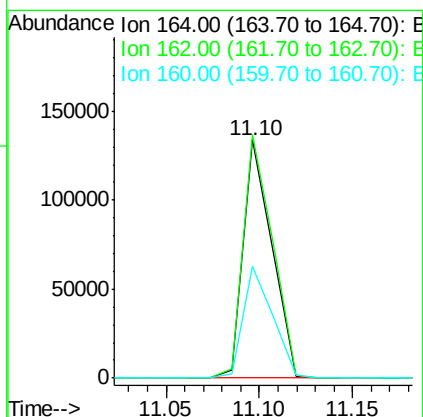
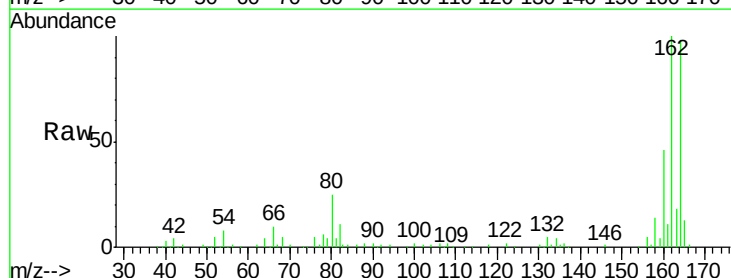
Instrument :
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 SB-59BS

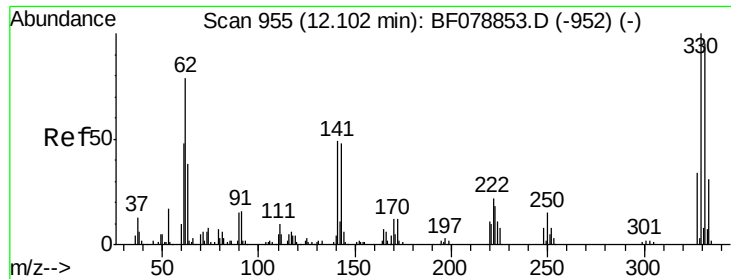
Tgt Ion: 82 Resp: 156006
 Ion Ratio Lower Upper
 82 100
 128 39.7 30.0 45.0
 54 54.8 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion: 164 Resp: 142444
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.7 124.1
 160 46.7 35.8 53.8

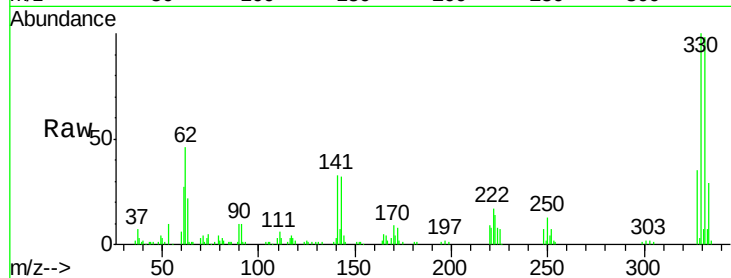




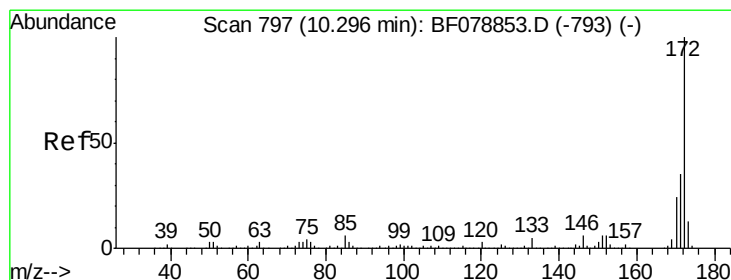
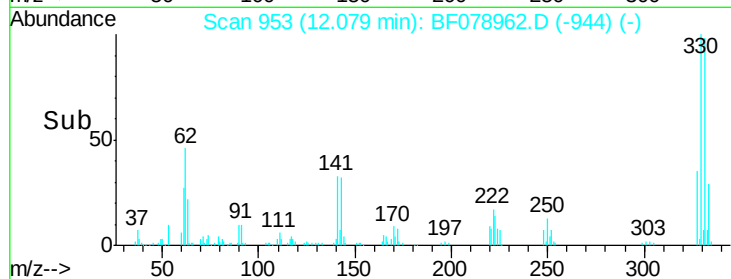
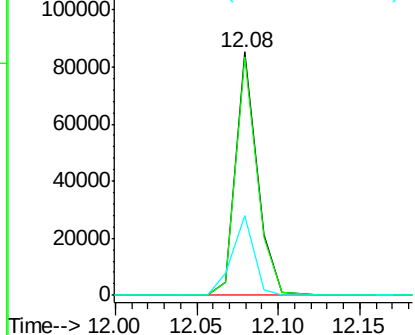
#41
 2,4,6-Tribromophenol
 Concen: 50.30 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

Tgt Ion:330 Resp: 77508
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 33.2 0.0 0.0#

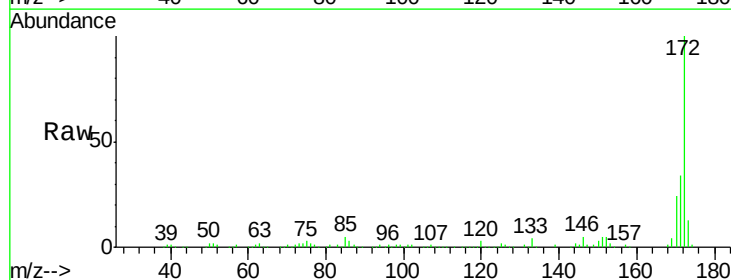


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

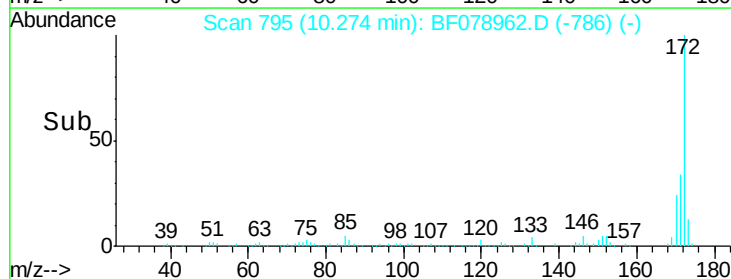
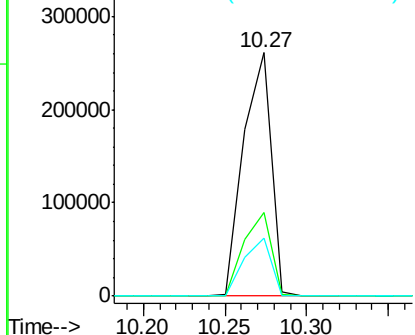


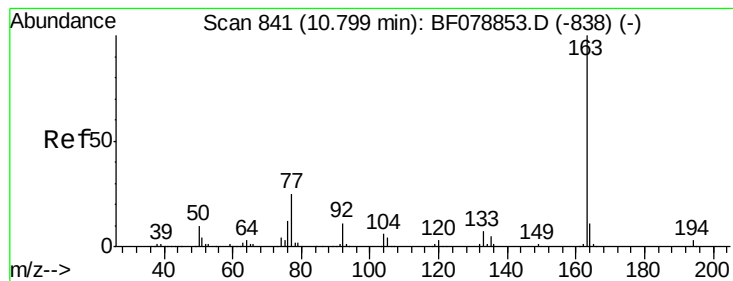
#44
 2-Fluorobiphenyl
 Concen: 30.04 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion:172 Resp: 307174
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.9 41.9
 170 23.6 19.4 29.0



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: 2.56 ng

RT: 10.78 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Instrument :

BNA_F

ClientSampleId :

SB-59BS

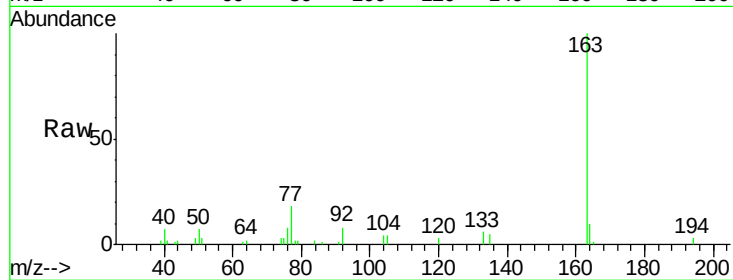
Tgt Ion:163 Resp: 26780

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

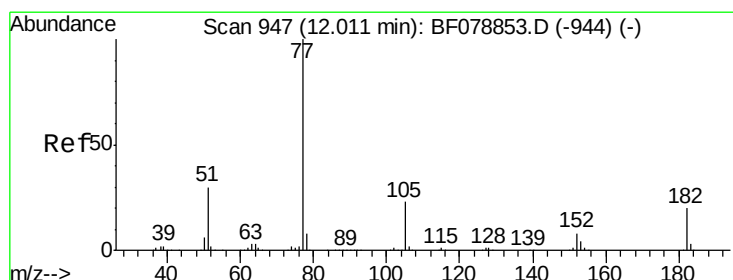
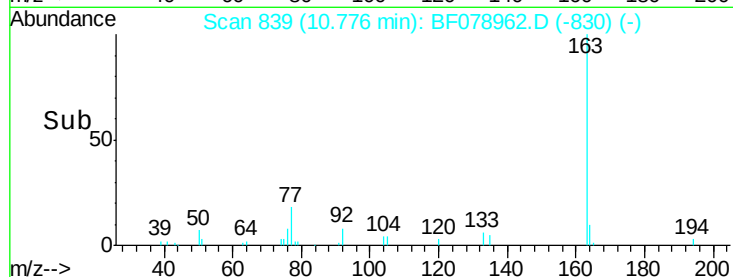
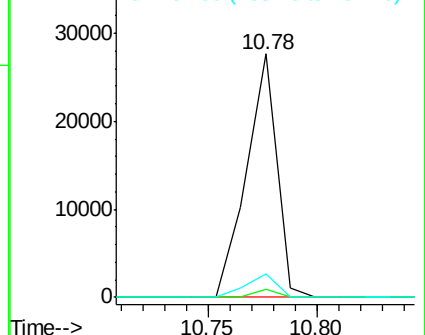
164 9.8 8.1 12.1



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



#62

Azobenzene

Concen: 3.40 ng

RT: 12.00 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Tgt Ion: 77 Resp: 34700

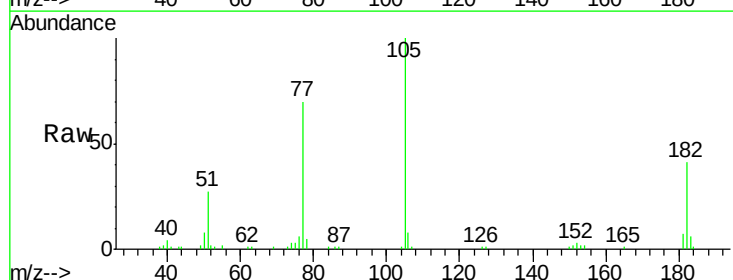
Ion Ratio Lower Upper

77 100

182 59.2 3.8 43.8#

105 143.2 3.9 43.9#

51 38.7 10.8 50.8

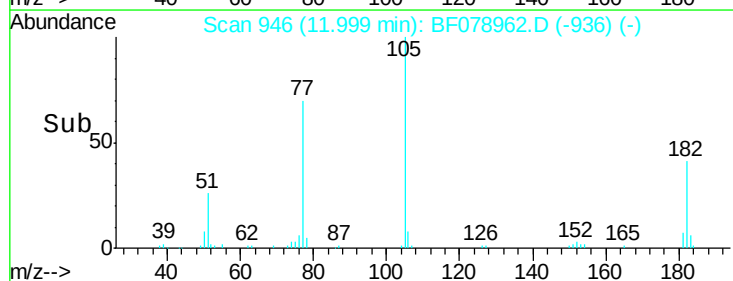
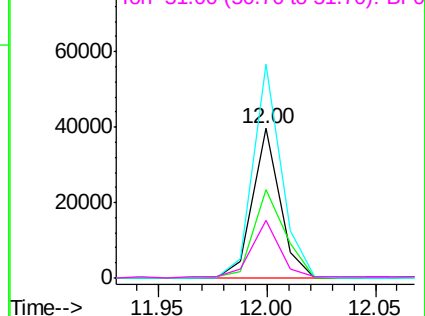


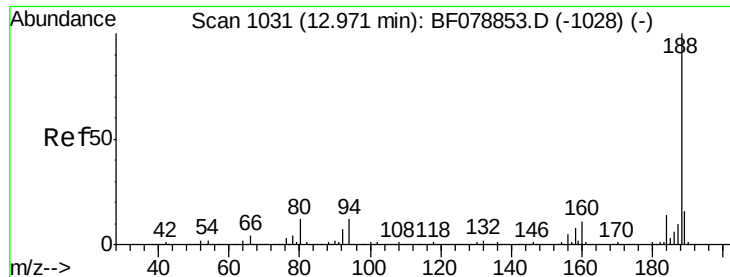
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

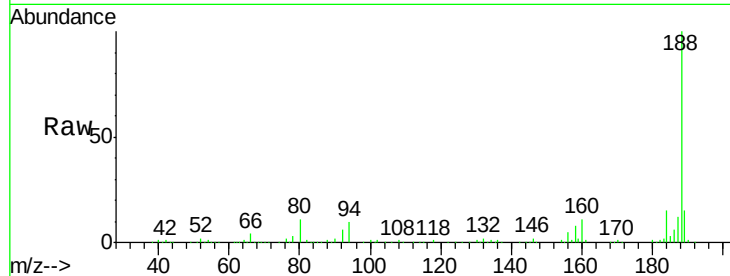




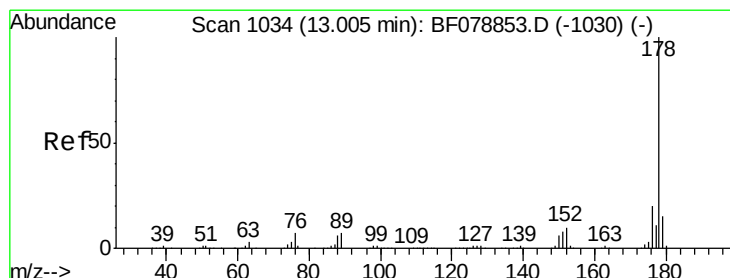
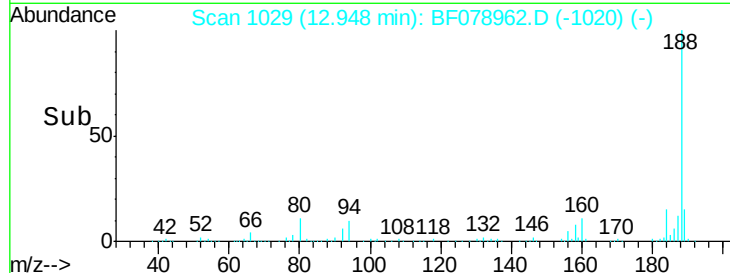
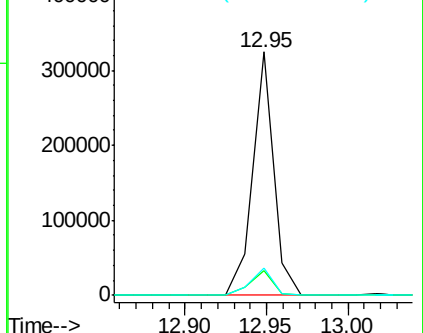
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

Tgt Ion:188 Resp: 291221
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.2 12.2
 80 11.0 8.9 13.3

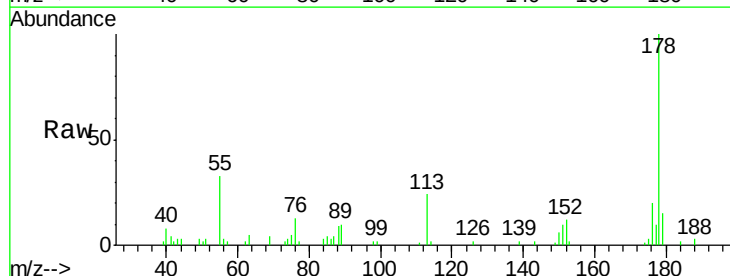


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

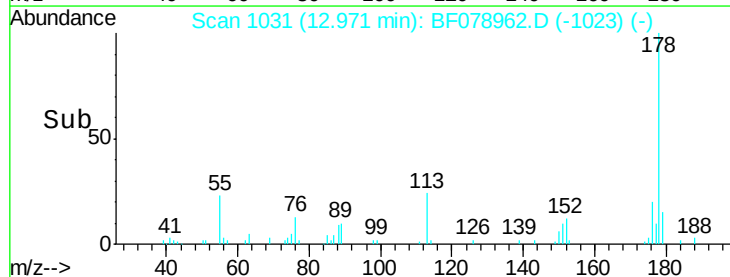
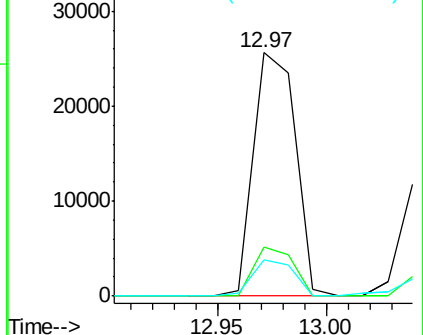


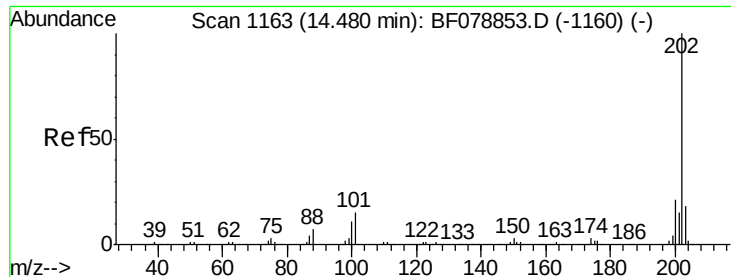
#70
 Phenanthrene
 Concen: 2.12 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion:178 Resp: 34601
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 14.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

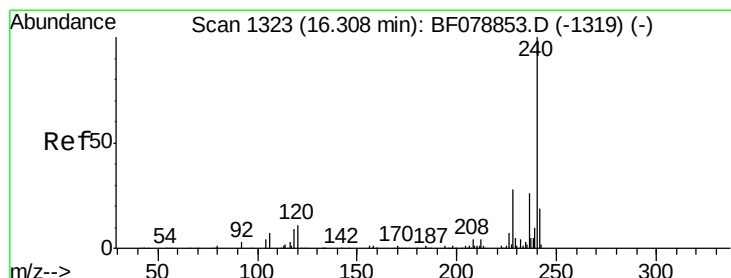
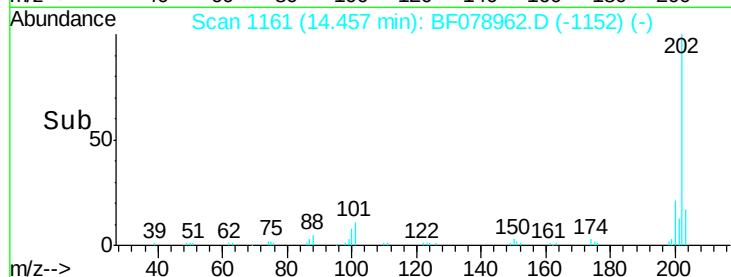
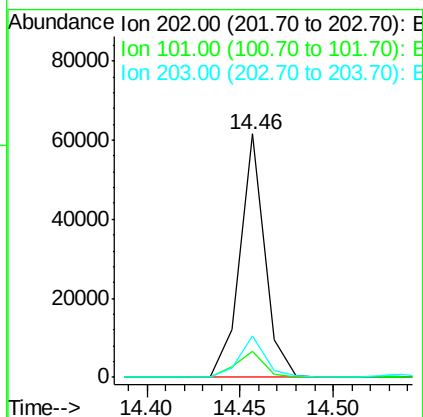
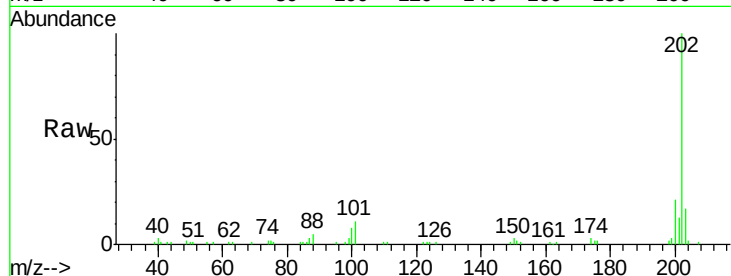




#74
 Fluoranthene
 Concen: 3.38 ng
 RT: 14.46 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

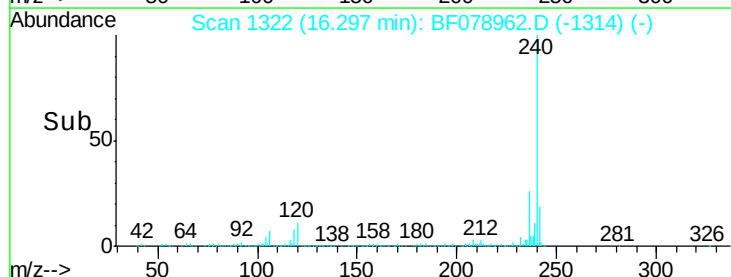
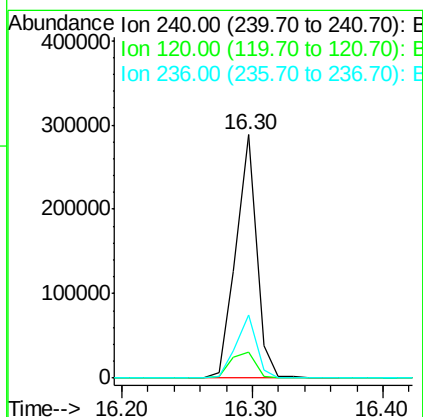
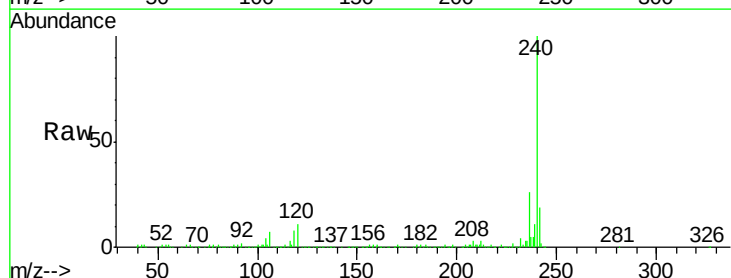
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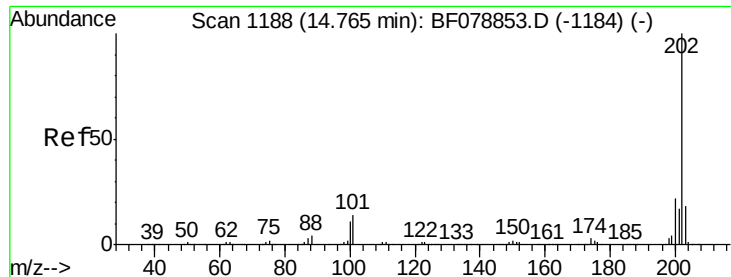
Tgt Ion: 202 Resp: 57353
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 34.6
 203 16.9 0.0 38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion: 240 Resp: 319603
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.7 14.5
 236 25.7 20.2 30.4

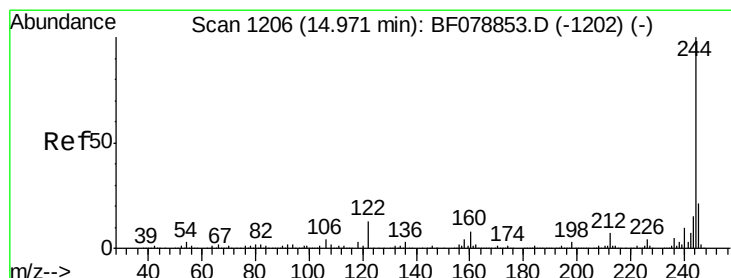
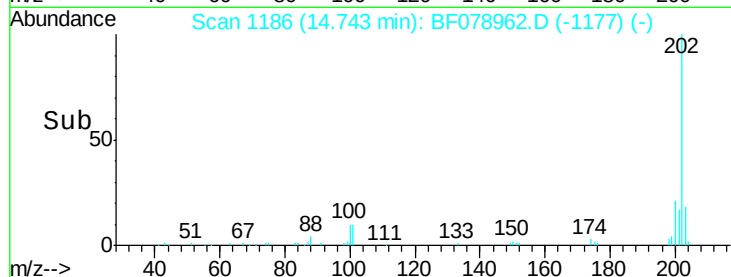
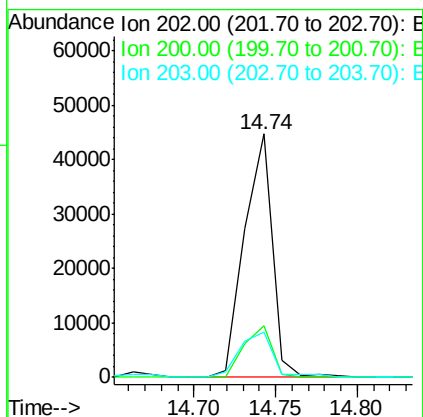
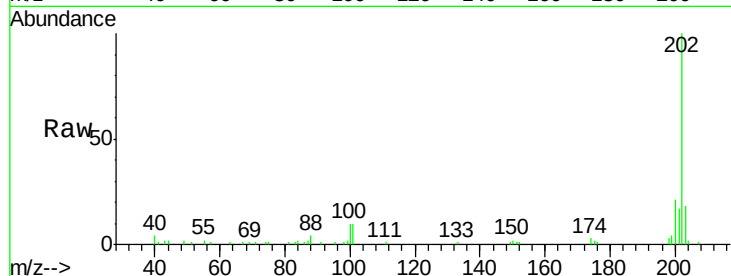




#77
 Pyrene
 Concen: 2.89 ng
 RT: 14.74 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

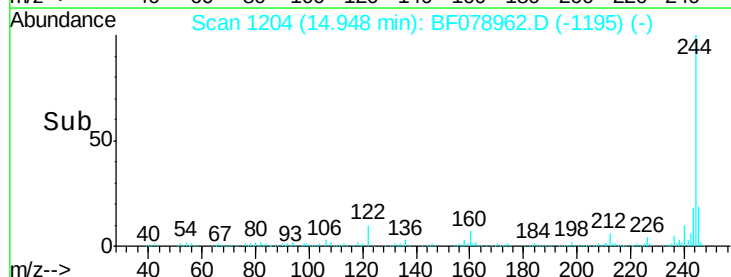
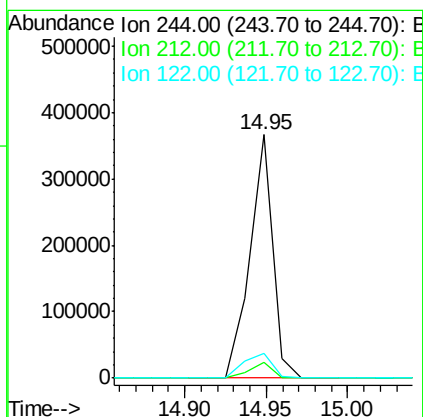
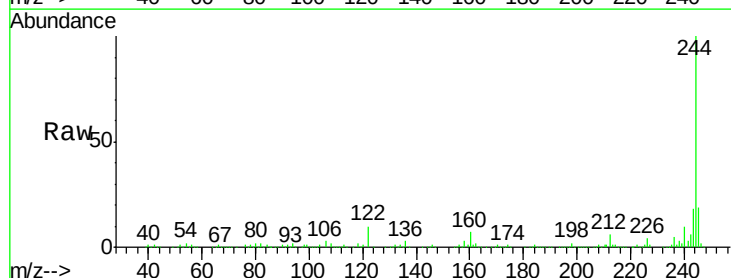
Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

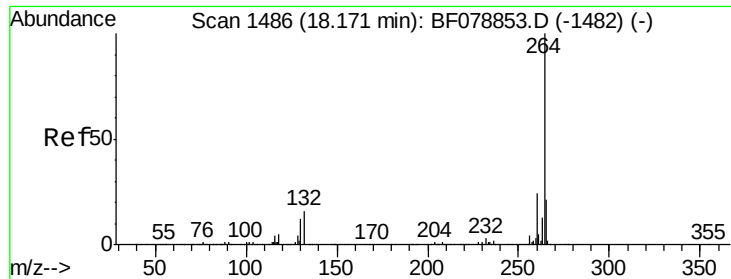
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	18.5	13.9	20.9



#78
 Terphenyl-d14
 Concen: 26.80 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	10.0	10.3	15.5

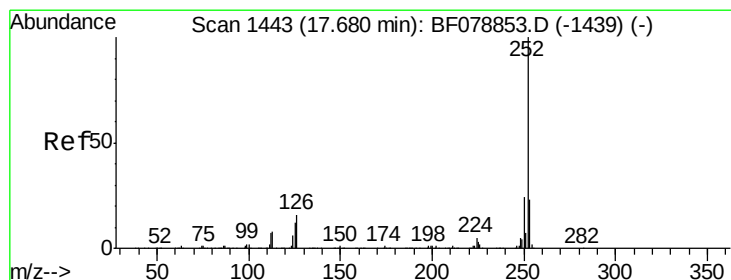
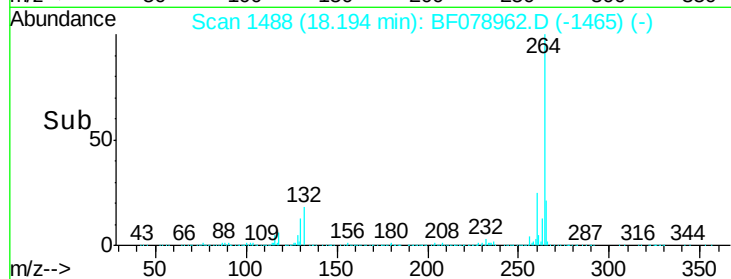
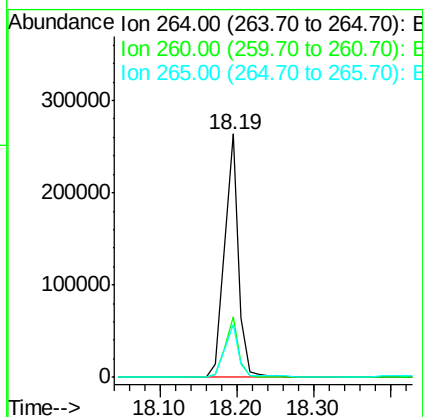
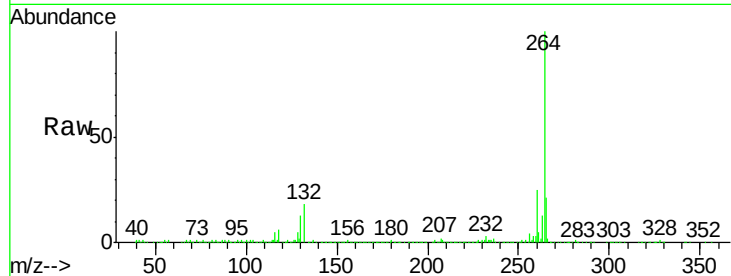




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

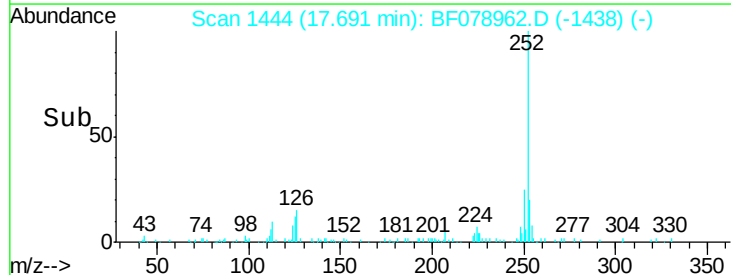
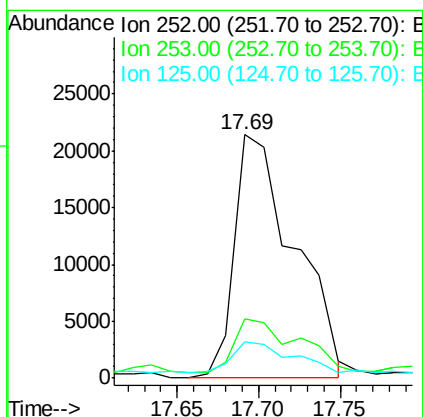
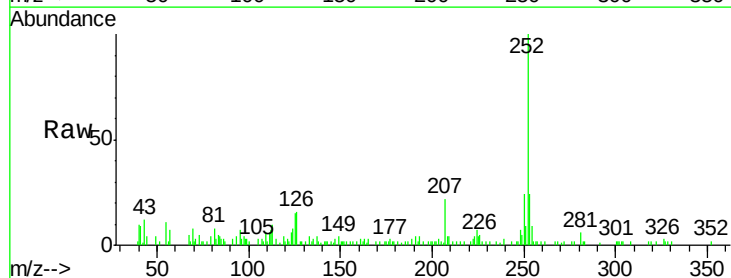
Instrument :
BNA_F
ClientSampleId :
SB-59BS

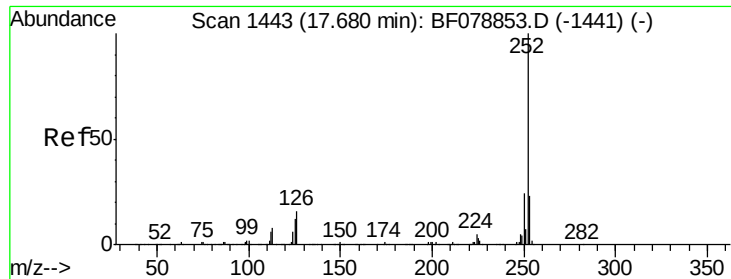
Tgt Ion:264 Resp: 342208
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 21.5 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 2.91 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Tgt Ion:252 Resp: 54429
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 14.8 9.5 14.3#





#88

Benzo(k)fluoranthene

Concen: 3.04 ng

RT: 17.69 min Scan# 1444

Delta R.T. -0.07 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Instrument :

BNA_F

ClientSampleId :

SB-59BS

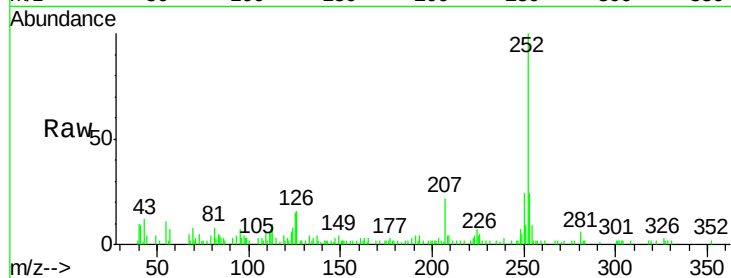
Tgt Ion: 252 Resp: 55193

Ion Ratio Lower Upper

252 100

253 24.5 18.1 27.1

125 14.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

