

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078750.D
 Acq On : 23 Apr 2015 15:57
 Operator : TP/IZ
 Sample : G1938-17RE 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Quant Time: Apr 24 01:03:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

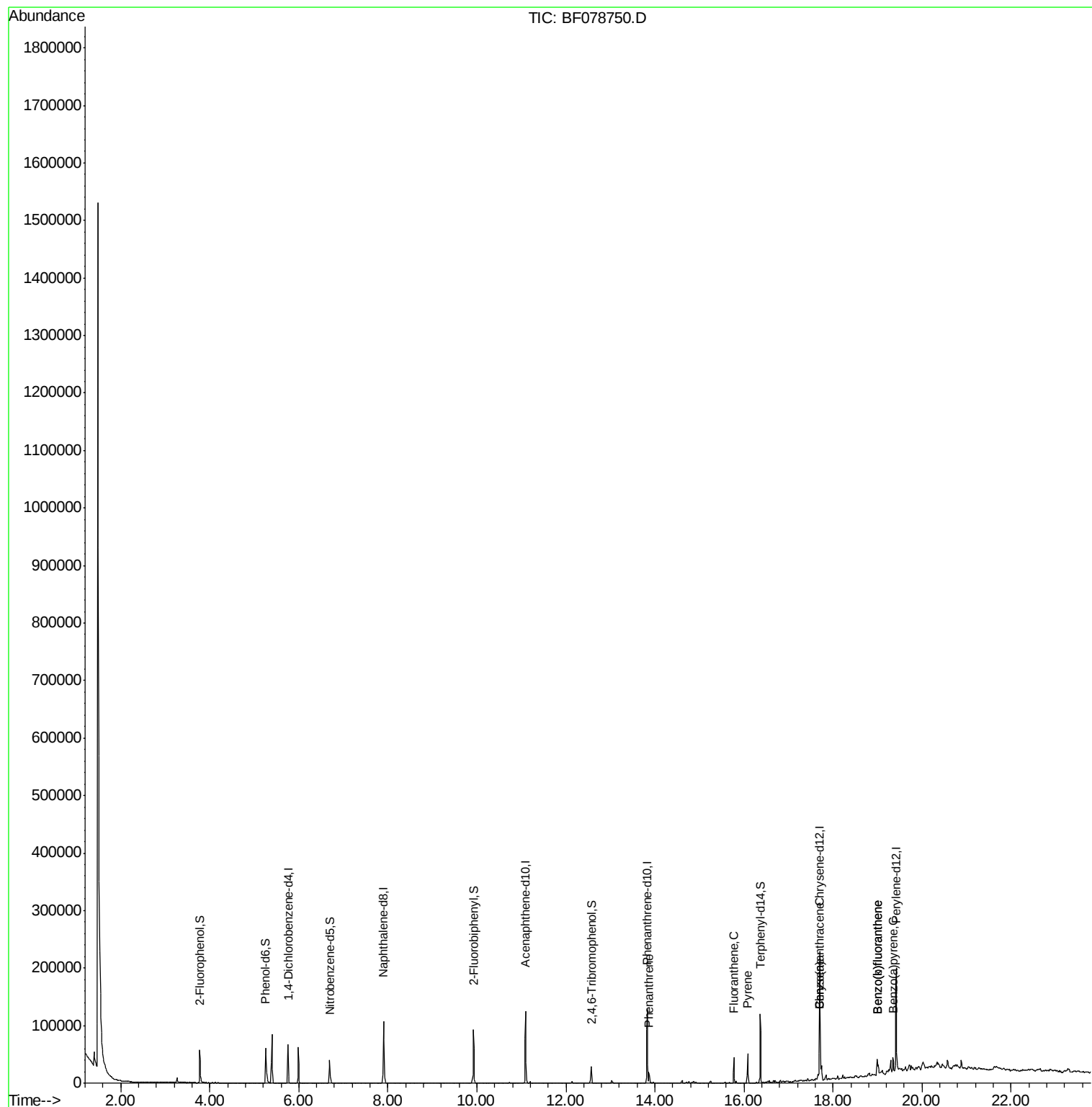
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	19015	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	77663	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	38461	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	80148	20.00	ng	0.00
75) Chrysene-d12	17.70	240	92018	20.00	ng	-0.01
86) Perylene-d12	19.42	264	96175	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	3.77	112	27331	23.70	ng	0.00
7) Phenol-d6	5.26	99	39731	27.49	ng	0.00
23) Nitrobenzene-d5	6.70	82	22215	17.34	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	6809	21.35	ng	0.00
44) 2-Fluorobiphenyl	9.92	172	48262	17.94	ng	-0.01
78) Terphenyl-d14	16.37	244	60403	14.83	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	13.86	178	9994	2.16	ng	98
74) Fluoranthene	15.77	202	25218	5.16	ng	92
77) Pyrene	16.08	202	24388	4.22	ng	95
80) Benzo(a)anthracene	17.69	228	14800	2.70	ng	92
82) Chrysene	17.69	228	14804	2.88	ng	97
87) Benzo(b)fluoranthene	18.99	252	24104	4.06	ng	# 89
88) Benzo(k)fluoranthene	18.99	252	24447	4.63	ng	95
89) Benzo(a)pyrene	19.35	252	14460	2.79	ng	# 88

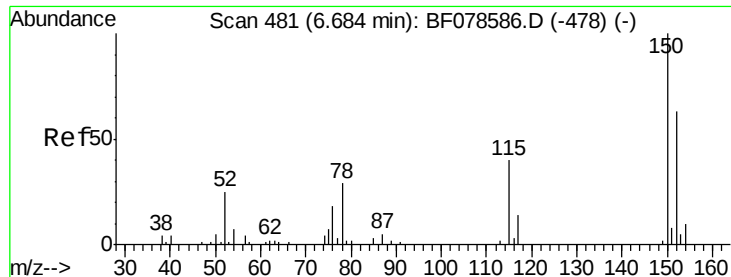
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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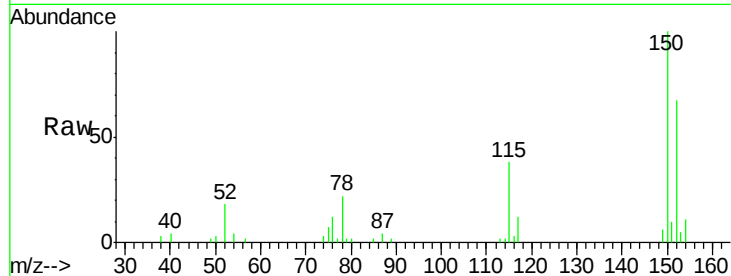




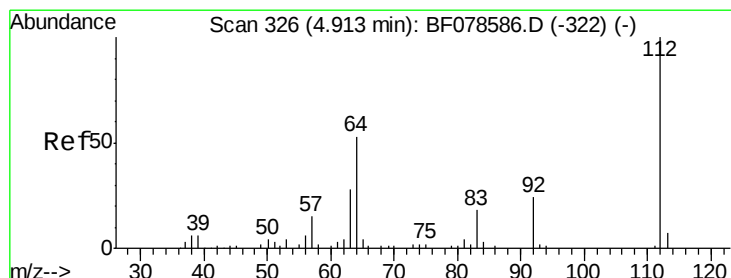
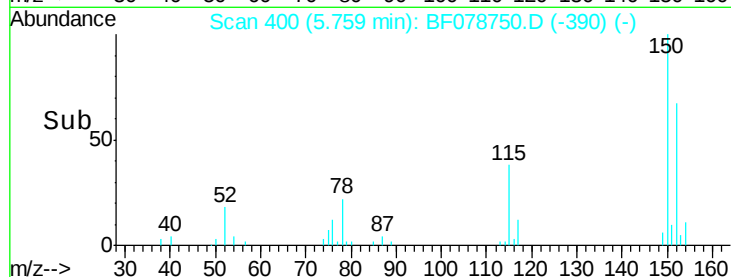
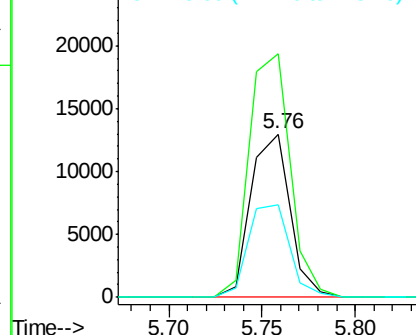
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 400
 Delta R.T. 0.01 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Tgt Ion:152 Resp: 19015
 Ion Ratio Lower Upper
 152 100
 150 148.9 125.9 188.9
 115 56.3 52.7 79.1

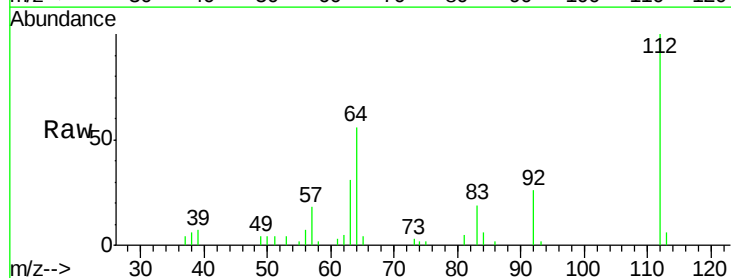


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

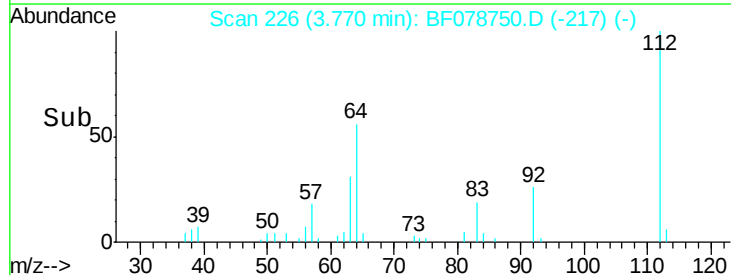
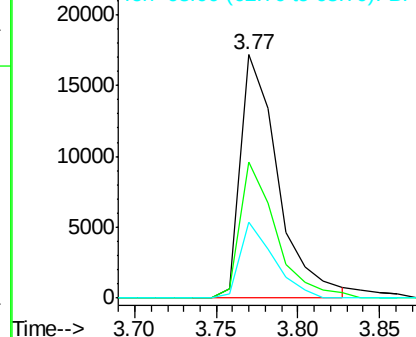


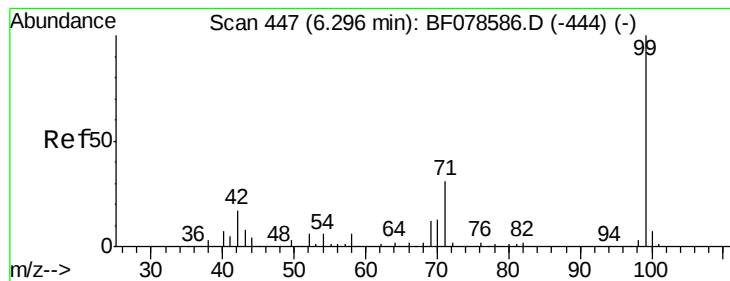
#5
 2-Fluorophenol
 Concen: 23.70 ng
 RT: 3.77 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Tgt Ion:112 Resp: 27331
 Ion Ratio Lower Upper
 112 100
 64 56.1 39.9 59.9
 63 31.0 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: 27.49 ng

RT: 5.26 min Scan# 356

Delta R.T. -0.00 min

Lab File: BF078750.D

Acq: 23 Apr 2015 15:57

Instrument :

BNA_F

ClientSampleId :

SB-79S

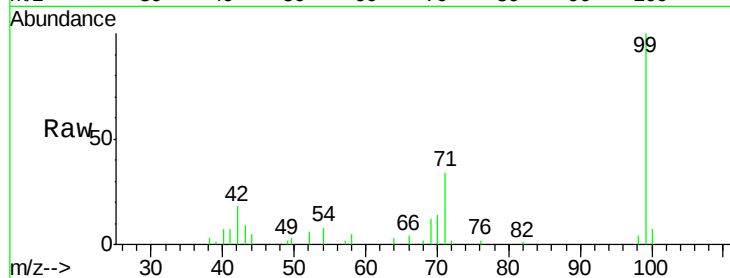
Tgt Ion: 99 Resp: 39731

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

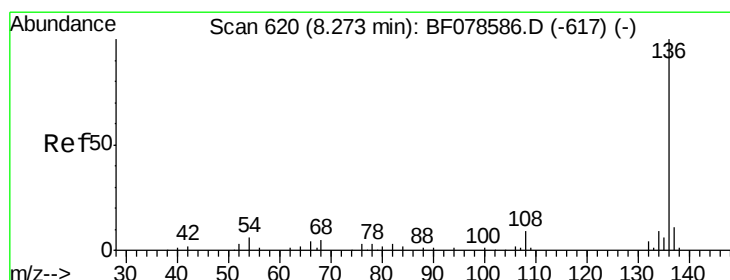
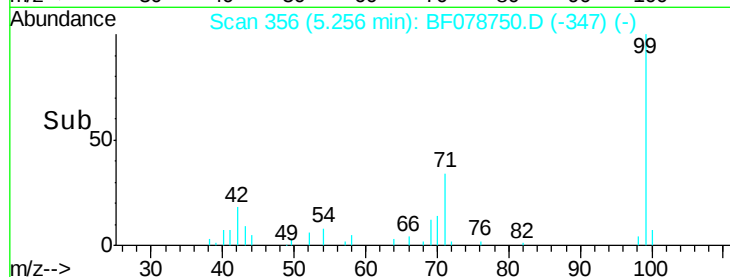
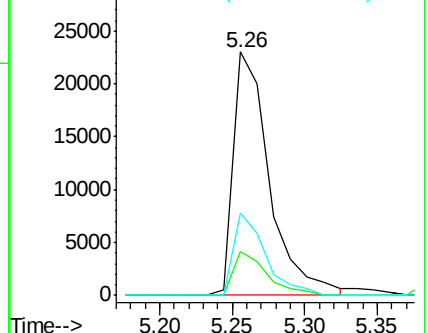
71 33.7 26.6 39.8



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: 7.91 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078750.D

Acq: 23 Apr 2015 15:57

Tgt Ion: 136 Resp: 77663

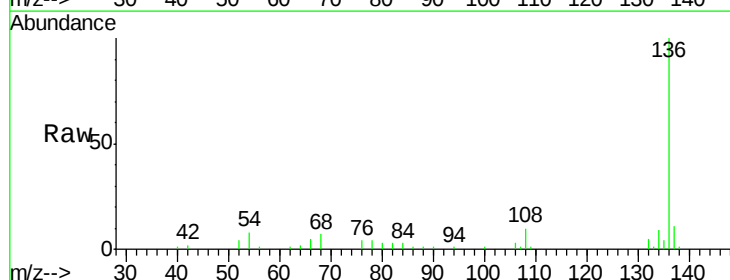
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.3 7.0 10.6

68 6.7 5.4 8.2

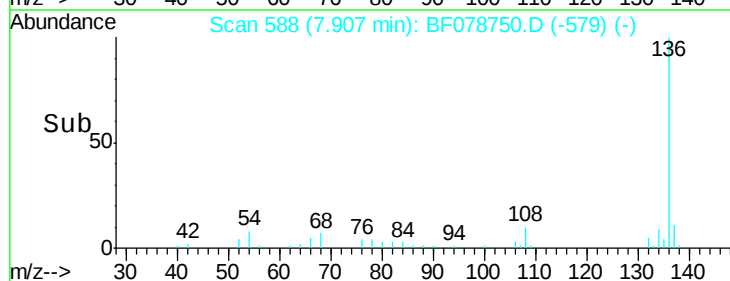
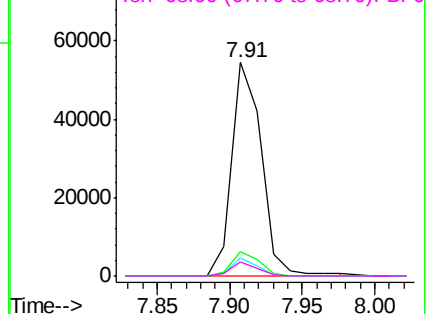


Abundance Ion 136.00 (135.70 to 136.70): E

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

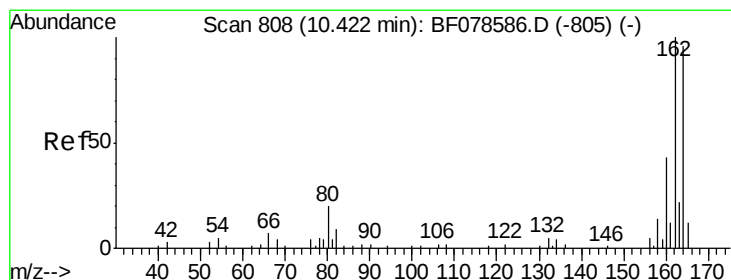
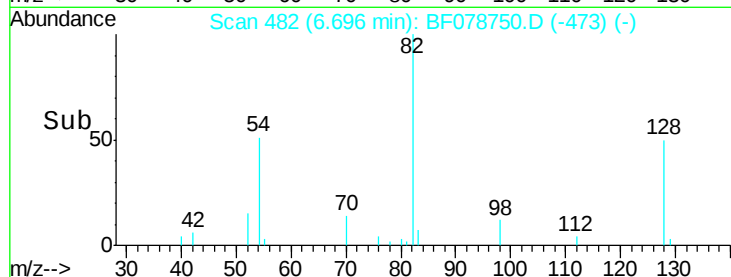
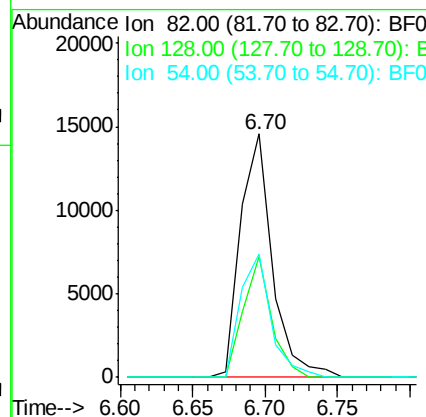
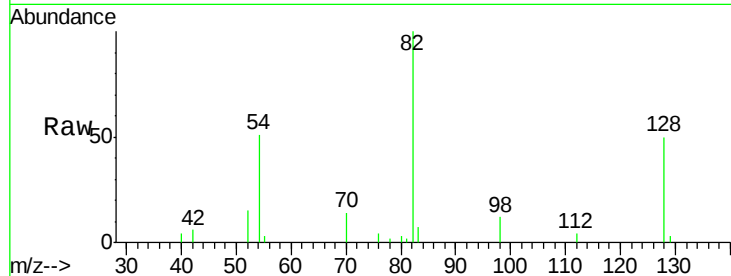




#23
 Nitrobenzene-d5
 Concen: 17.34 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

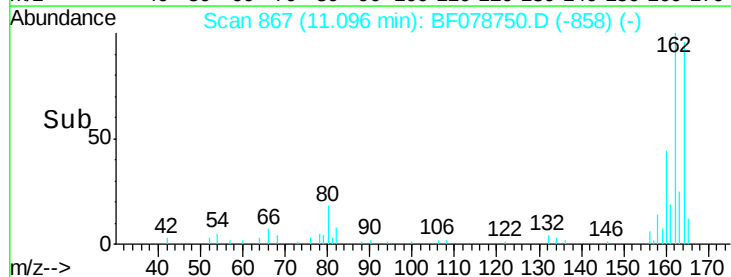
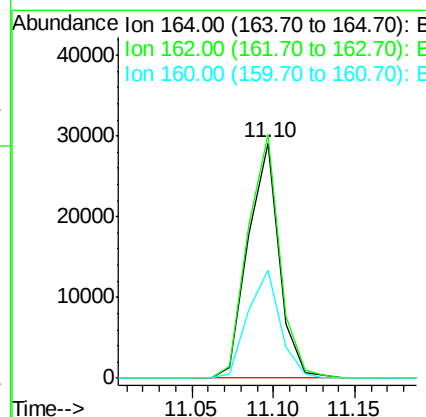
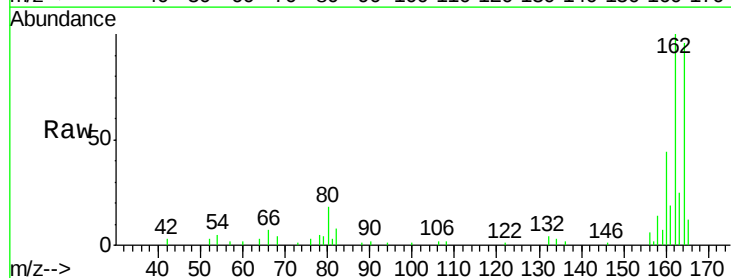
Instrument :
 BNA_F
 ClientSampled :
 SB-79S

Tgt Ion: 82 Resp: 22215
 Ion Ratio Lower Upper
 82 100
 128 49.6 31.8 47.8#
 54 50.8 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Tgt Ion: 164 Resp: 38461
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 45.8 34.7 52.1

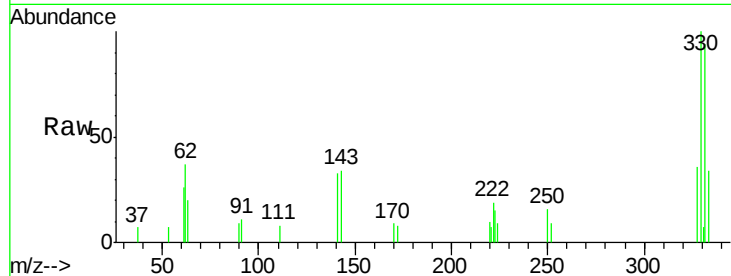




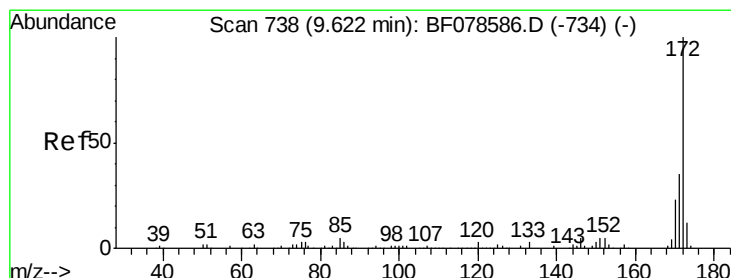
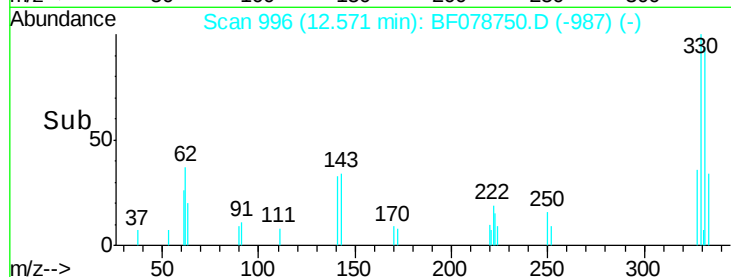
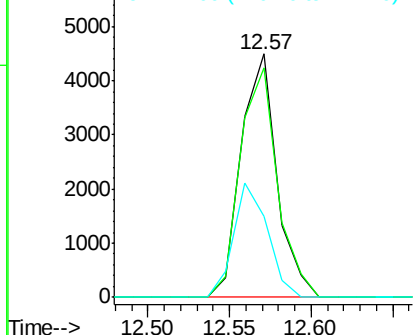
#41
 2,4,6-Tribromophenol
 Concen: 21.35 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Tgt Ion: 330 Resp: 6809
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.6 117.8
 141 44.4 31.2 46.8

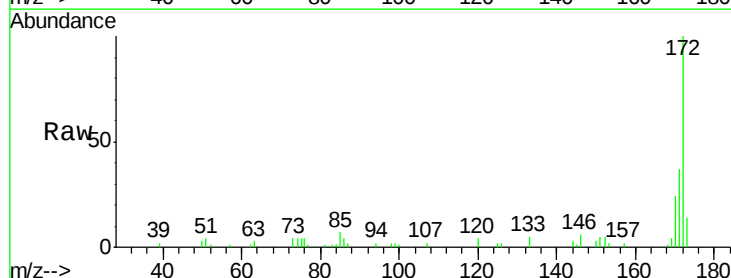


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

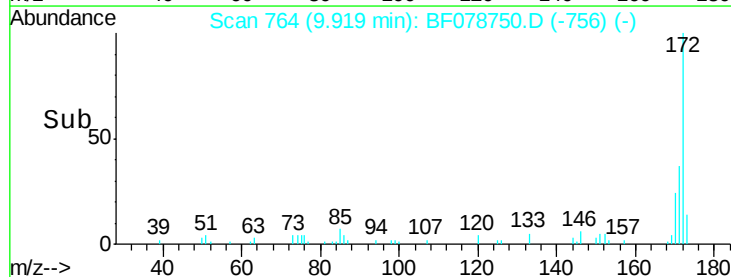
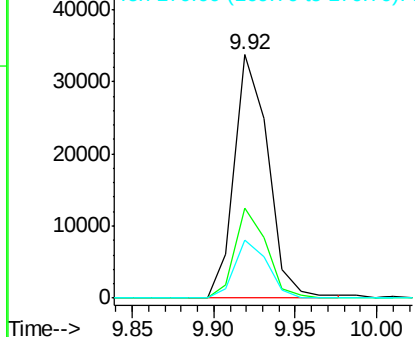


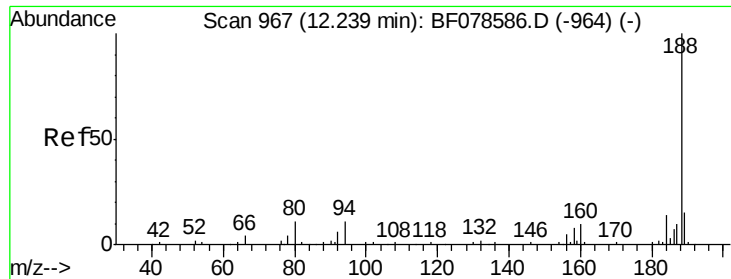
#44
 2-Fluorobiphenyl
 Concen: 17.94 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Tgt Ion: 172 Resp: 48262
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 23.8 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

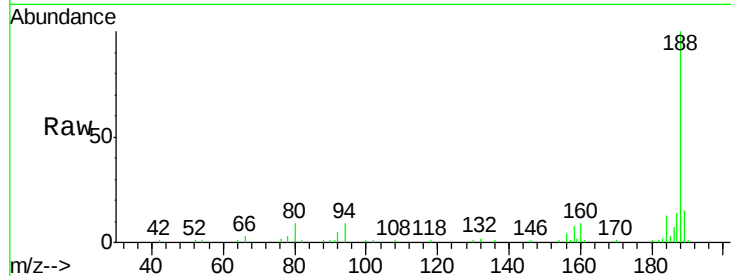




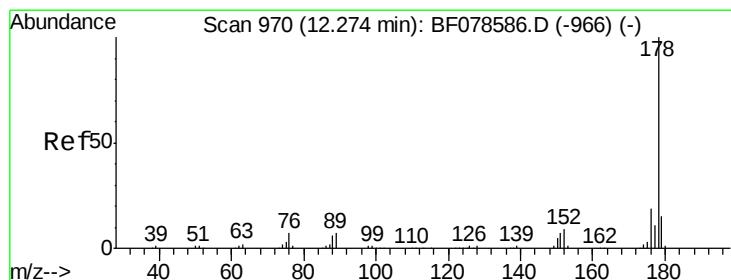
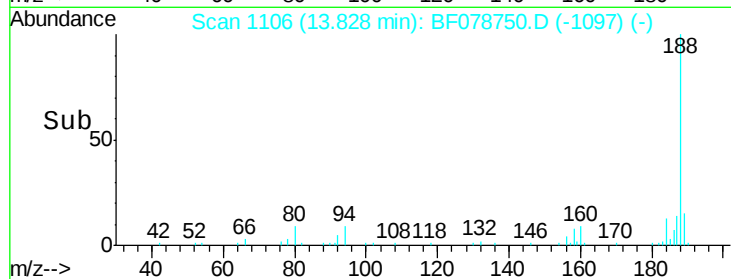
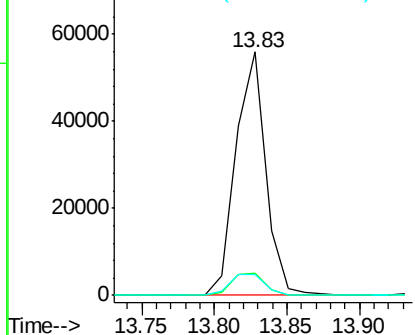
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Tgt Ion:188 Resp: 80148
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.0 13.4#
 80 8.8 9.5 14.3#

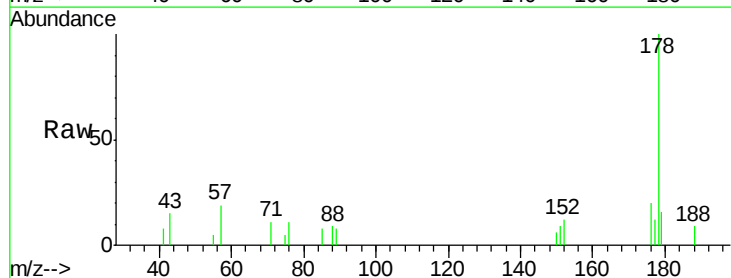


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

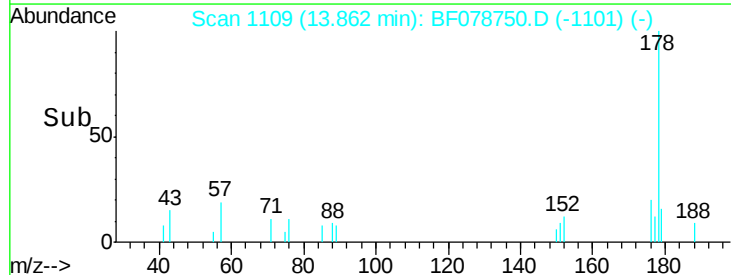
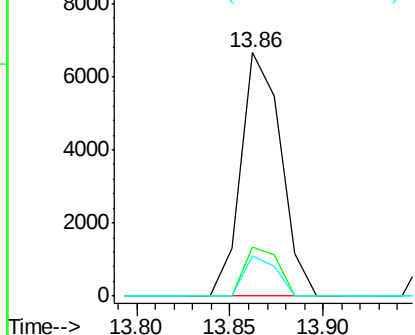


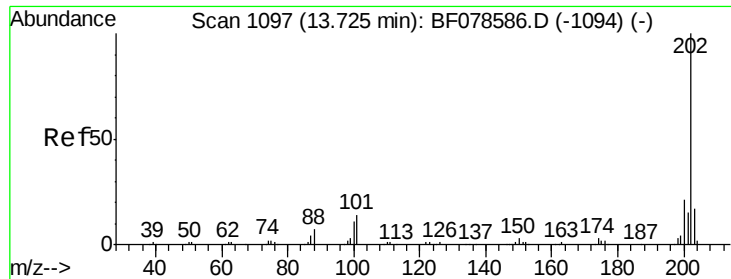
#70
 Phenanthrene
 Concen: 2.16 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Tgt Ion:178 Resp: 9994
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.0
 179 16.2 12.2 18.2



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: 5.16 ng

RT: 15.77 min Scan# 1276

Delta R.T. -0.00 min

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ClientSampleId :

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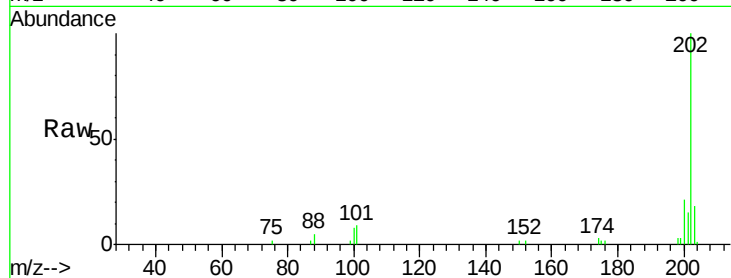
Tgt Ion: 202 Resp: 25218

Ion Ratio Lower Upper

202 100

101 8.8 0.0 35.2

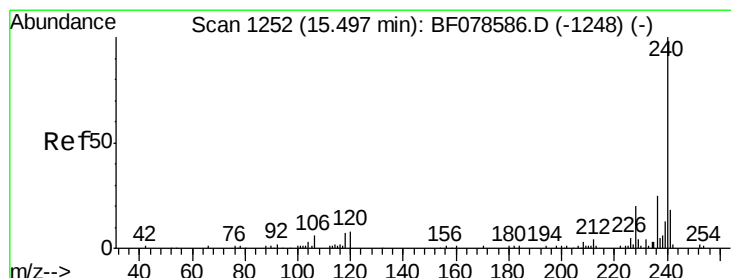
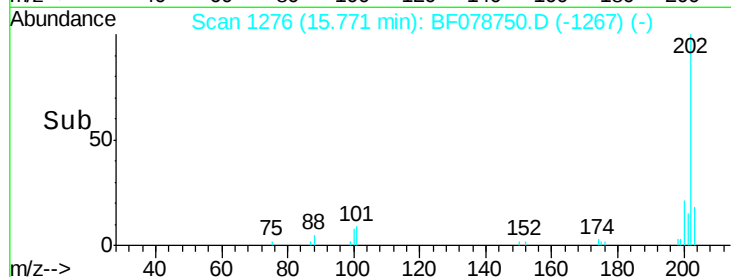
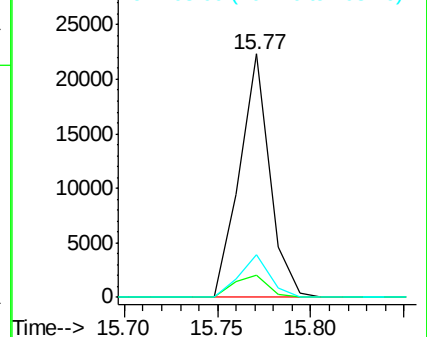
203 17.6 0.0 38.5



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: 17.70 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF078750.D

Acq: 23 Apr 2015 15:57

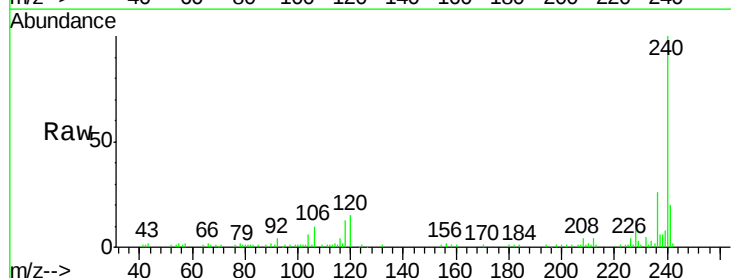
Tgt Ion: 240 Resp: 92018

Ion Ratio Lower Upper

240 100

120 15.3 7.1 10.7#

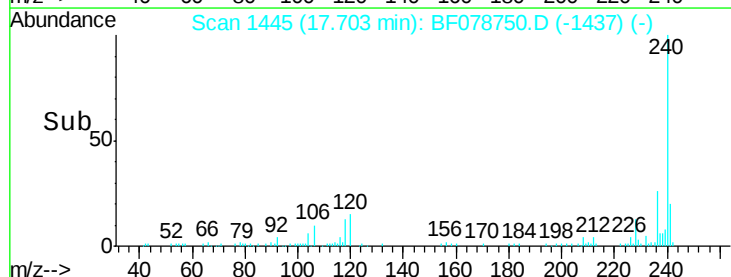
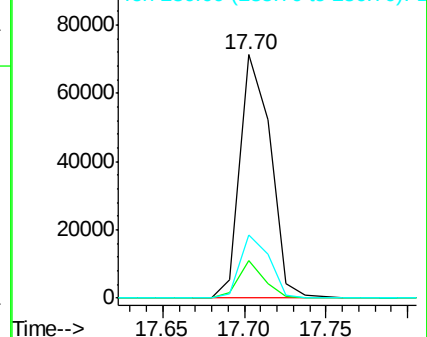
236 25.7 21.4 32.2

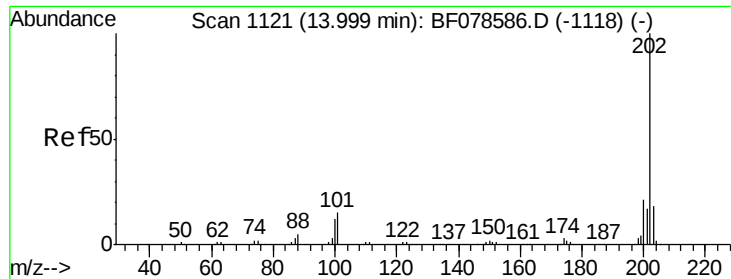


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

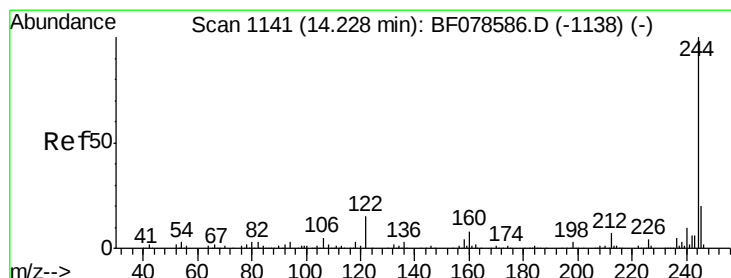
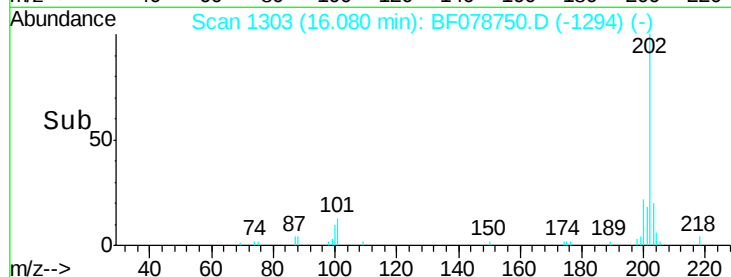
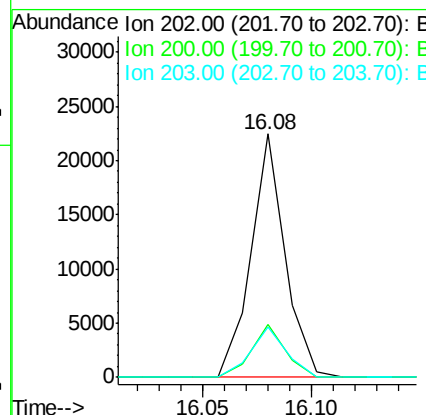
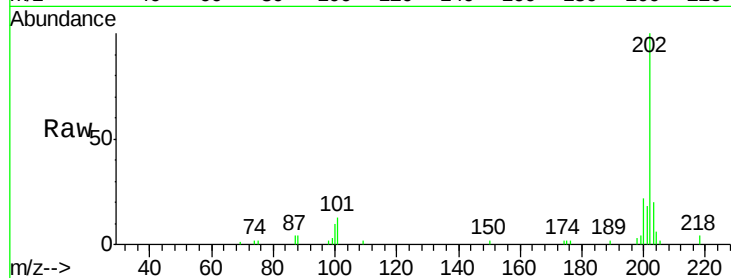




#77
 Pyrene
 Concen: 4.22 ng
 RT: 16.08 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

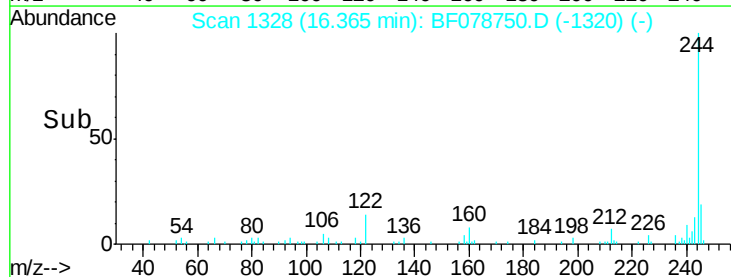
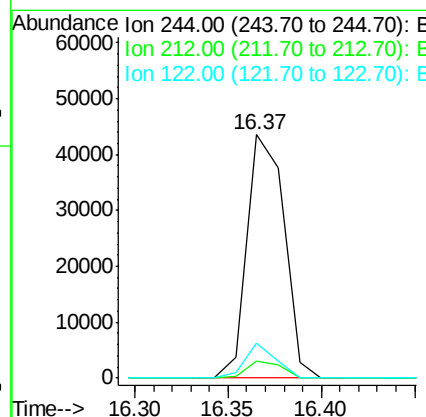
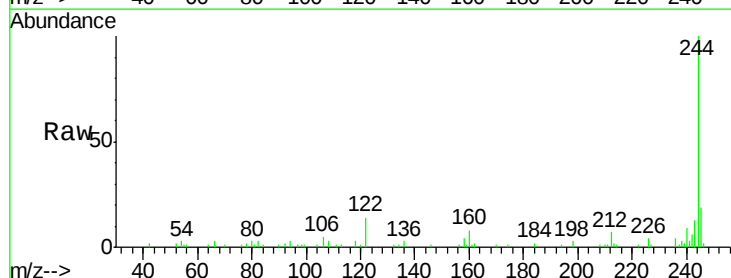
Instrument :
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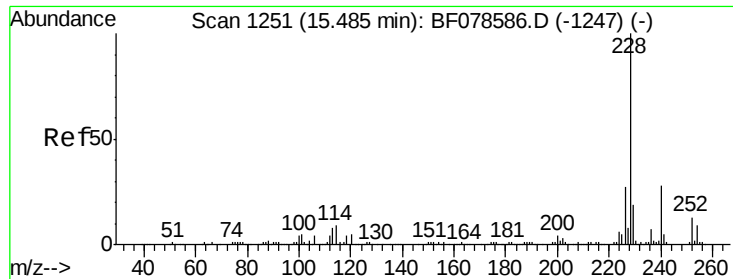
Tgt Ion: 202 Resp: 24388
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.3 24.5
 203 20.4 13.8 20.6



#78
 Terphenyl-d14
 Concen: 14.83 ng
 RT: 16.37 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF078750.D
 Acq: 23 Apr 2015 15:57

Tgt Ion: 244 Resp: 60403
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 14.1 7.1 10.7#

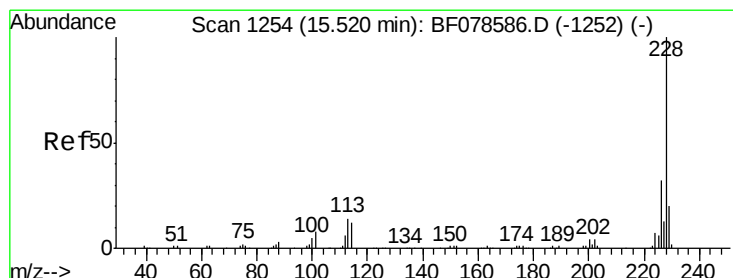
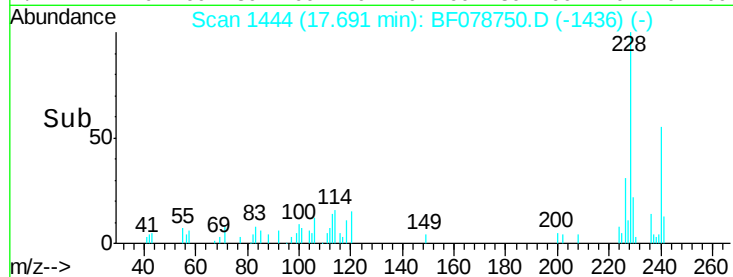
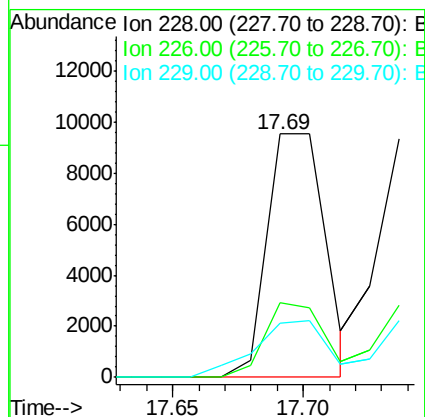
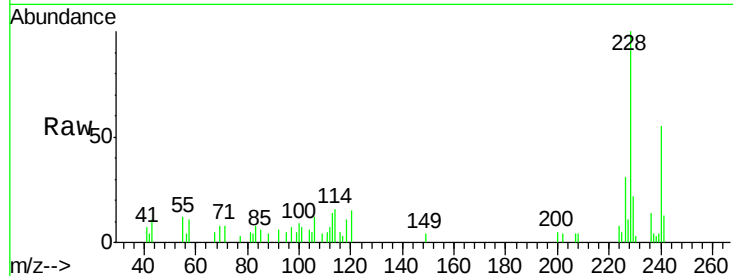




#80
Benzo(a)anthracene
Concen: 2.70 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF078750.D
Acq: 23 Apr 2015 15:57

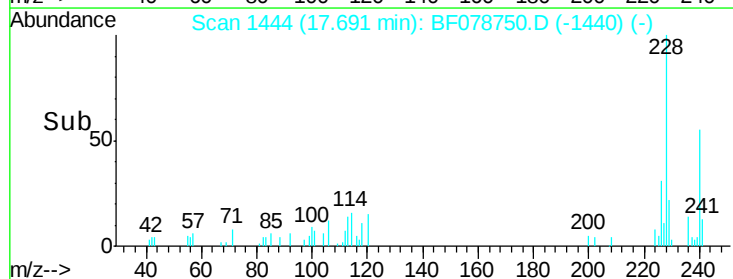
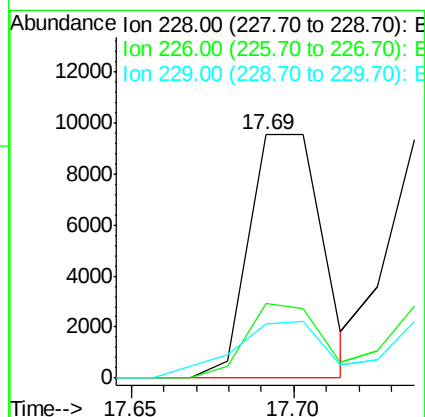
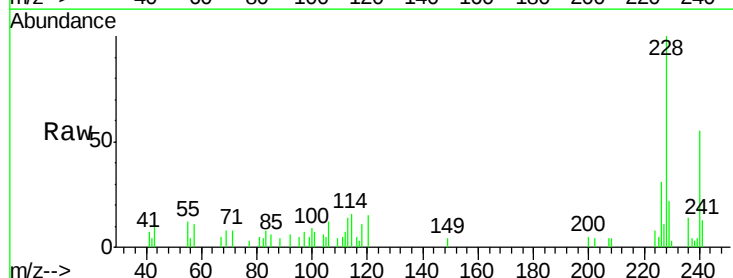
Instrument :
BNA_F
ClientSampleId :
SB-79S

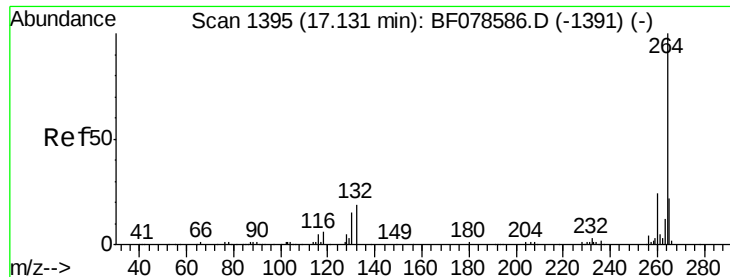
Tgt Ion: 228 Resp: 14800
Ion Ratio Lower Upper
228 100
226 30.8 21.3 31.9
229 22.3 15.4 23.2



#82
Chrysene
Concen: 2.88 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.06 min
Lab File: BF078750.D
Acq: 23 Apr 2015 15:57

Tgt Ion: 228 Resp: 14804
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 22.3 15.8 23.8

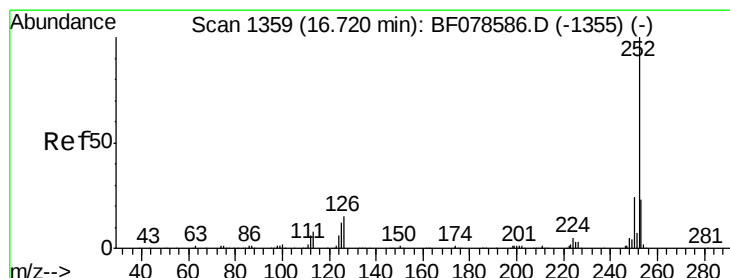
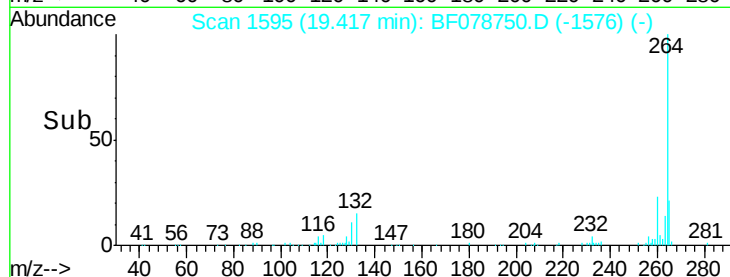
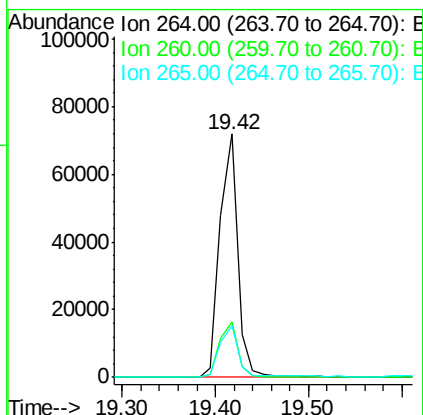
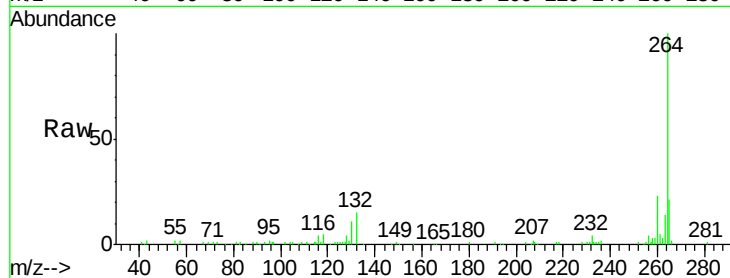




#86
Perylene-d12
Concen: 20.00 ng
RT: 19.42 min Scan# 1595
Delta R.T. -0.08 min
Lab File: BF078750.D
Acq: 23 Apr 2015 15:57

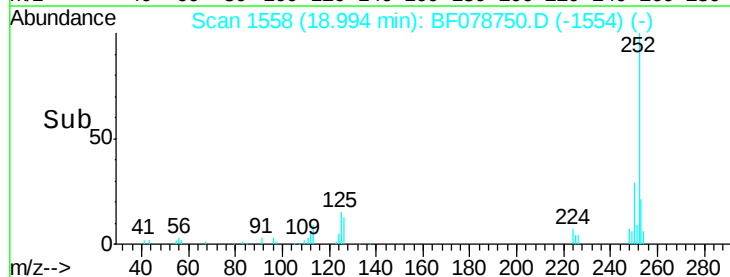
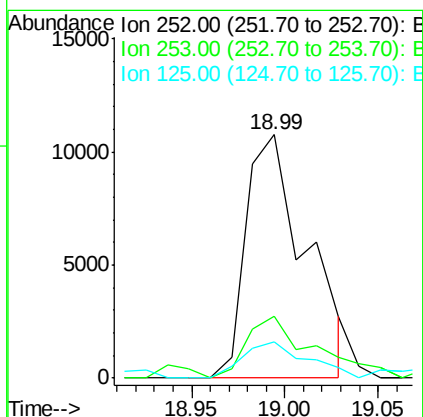
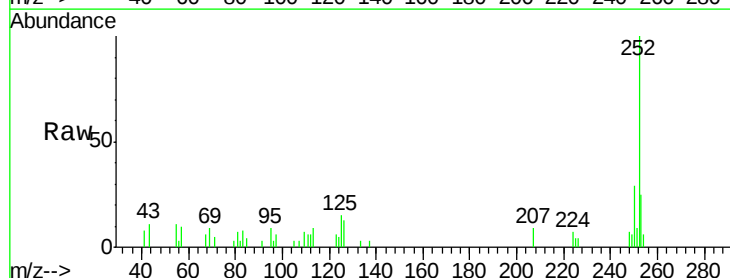
Instrument :
BNA_F
ClientSampleId :
SB-79S

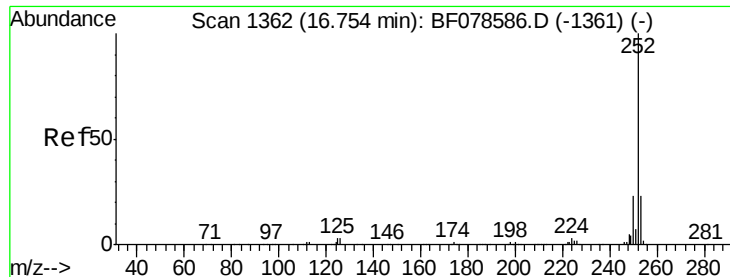
Tgt Ion:264 Resp: 96175
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.2 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 18.99 min Scan# 1558
Delta R.T. -0.06 min
Lab File: BF078750.D
Acq: 23 Apr 2015 15:57

Tgt Ion:252 Resp: 24104
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 14.7 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 4.63 ng

RT: 18.99 min Scan# 1558

Delta R.T. -0.09 min

Lab File: BF078750.D

Acq: 23 Apr 2015 15:57

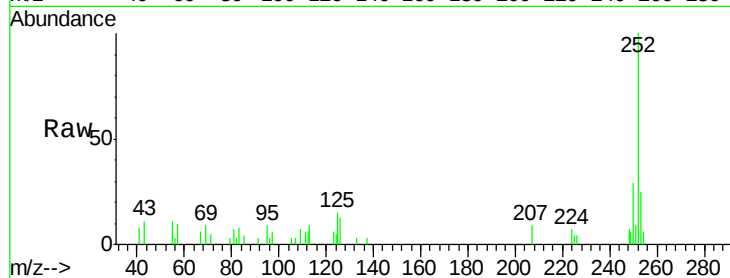
Instrument :

BNA_F

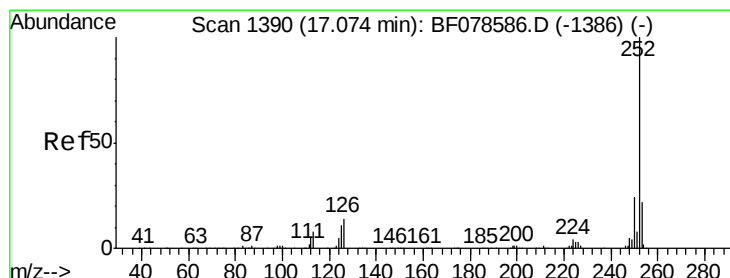
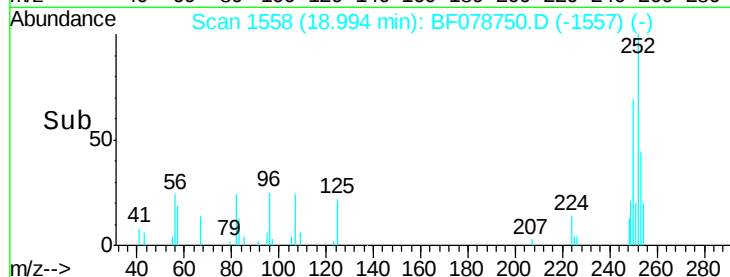
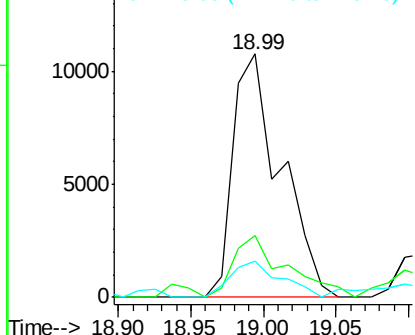
ClientSampleId :

SB-79S

Tgt Ion:	252	Resp:	24447
Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.5	26.3
125	14.7	11.6	17.4



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



#89

Benzo(a)pyrene

Concen: 2.79 ng

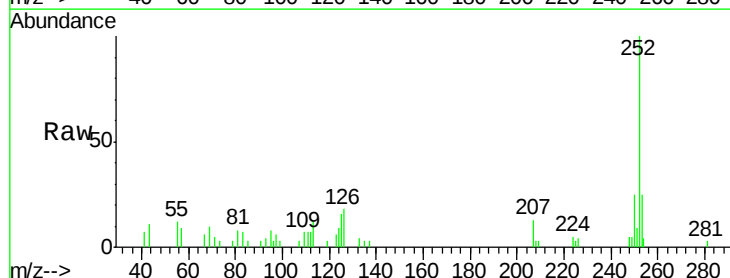
RT: 19.35 min Scan# 1589

Delta R.T. -0.08 min

Lab File: BF078750.D

Acq: 23 Apr 2015 15:57

Tgt Ion:	252	Resp:	14460
Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.8	25.2
125	16.3	7.4	11.0#



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

