

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079507.D
 Acq On : 27 May 2015 7:08
 Operator : TP/IZ
 Sample : G2359-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30AS

Quant Time: May 27 07:45:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 07:31:10 2015
 Response via : Initial Calibration

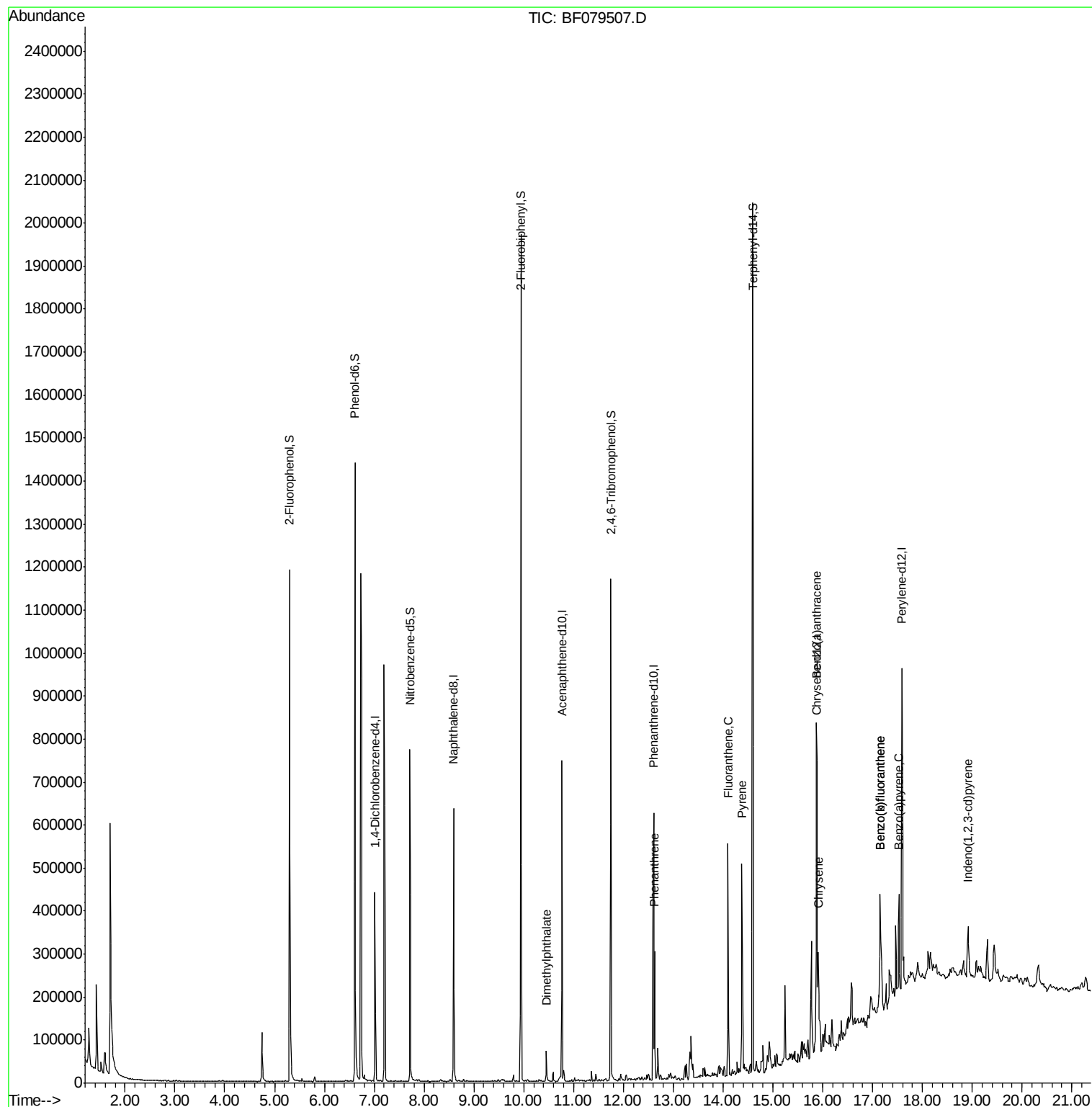
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	73515	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	308012	20.00	ng	0.00
38) Acenaphthene-d10	10.77	164	158463	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	307930	20.00	ng	0.01
75) Chrysene-d12	15.89	240	327375	20.00	ng	0.01
86) Perylene-d12	17.59	264	347054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	382821	90.32	ng	0.00
7) Phenol-d6	6.62	99	556353	102.98	ng	0.00
23) Nitrobenzene-d5	7.71	82	299260	56.16	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	174869	100.47	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	626750	56.43	ng	0.00
78) Terphenyl-d14	14.59	244	739480	53.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.46	163	29746	2.55	ng	Qvalue # 98
70) Phenanthrene	12.63	178	115638	6.85	ng	100
73) Di-n-butylphthalate	13.36	149	5701	Below Cal	#	89
74) Fluoranthene	14.10	202	231559	12.78	ng	97
77) Pyrene	14.38	202	227789	11.23	ng	97
80) Benzo(a)anthracene	15.87	228	126106	6.70	ng	100
82) Chrysene	15.91	228	108069	6.04	ng	98
85) Indeno(1,2,3-cd)pyrene	18.91	276	77430	3.36	ng	94
87) Benzo(b)fluoranthene	17.15	252	214021	10.81	ng	# 97
88) Benzo(k)fluoranthene	17.15	252	214021	12.09	ng	# 95
89) Benzo(a)pyrene	17.53	252	124569	5.49	ng	99
90) Dibenzo(a,h)anthracene	18.93	278	18404	Below Cal	#	84

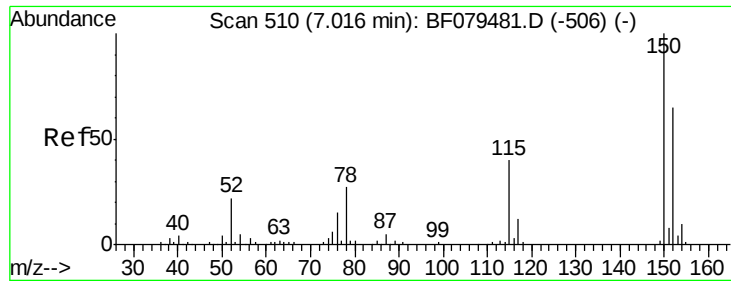
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079507.D
Acq On : 27 May 2015 7:08
Operator : TP/IZ
Sample : G2359-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30AS

Quant Time: May 27 07:45:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 07:31:10 2015
Response via : Initial Calibration



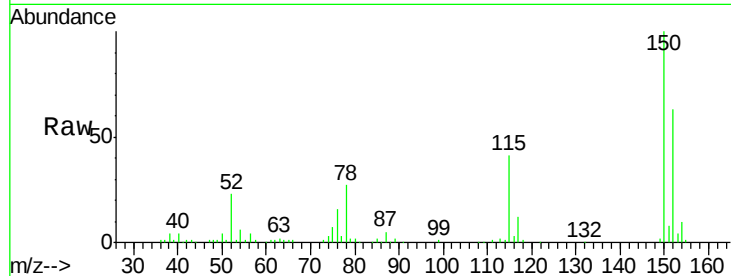


#1

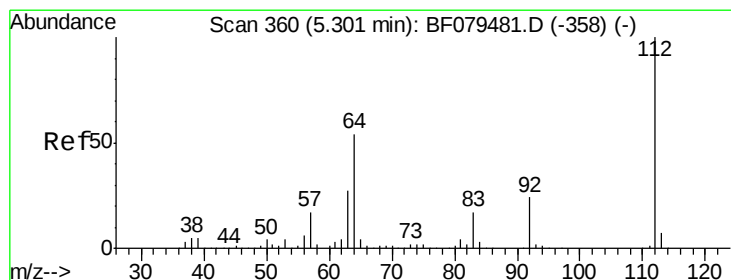
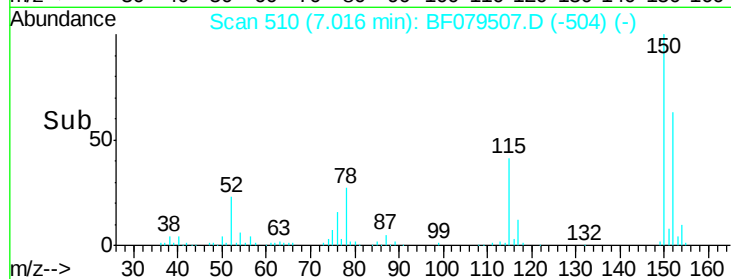
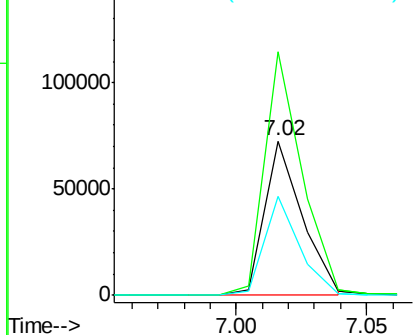
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Instrument :
 BNA_F
 ClientSampled :
 SB-30AS

Tgt Ion:152 Resp: 73515
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.0 186.0
 115 64.1 49.6 74.4



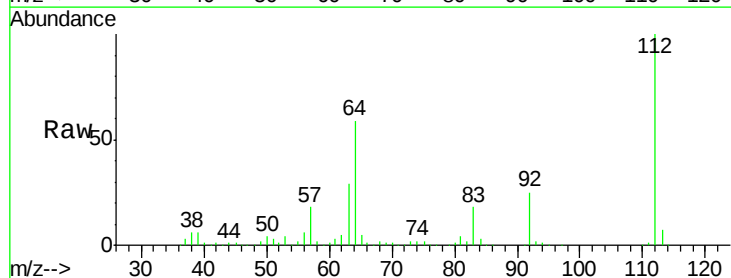
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



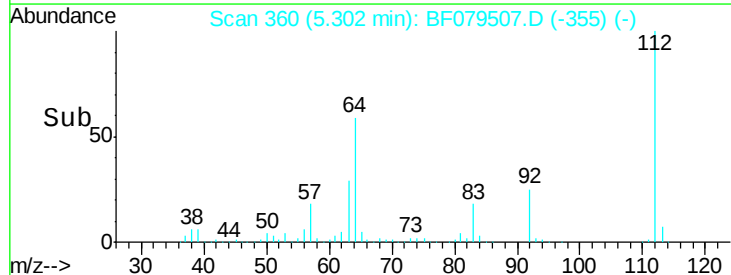
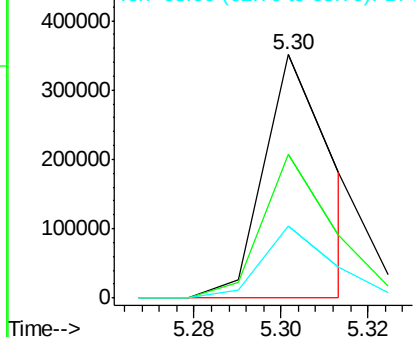
#5

2-Fluorophenol
 Concen: 90.32 ng
 RT: 5.30 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Tgt Ion:112 Resp: 382821
 Ion Ratio Lower Upper
 112 100
 64 59.0 43.5 65.3
 63 29.5 21.8 32.8



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: 102.98 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079507.D

Acq: 27 May 2015 7:08

Instrument :

BNA_F

ClientSampleId :

SB-30AS

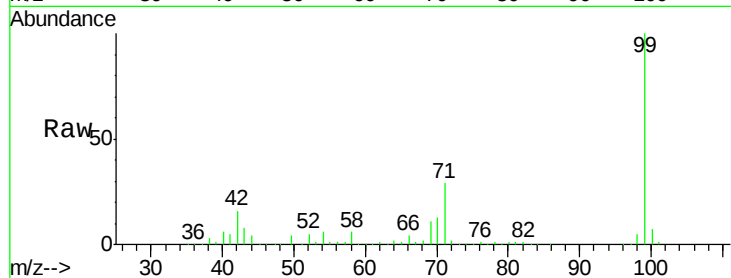
Tgt Ion: 99 Resp: 556353

Ion Ratio Lower Upper

99 100

42 15.6 11.9 17.9

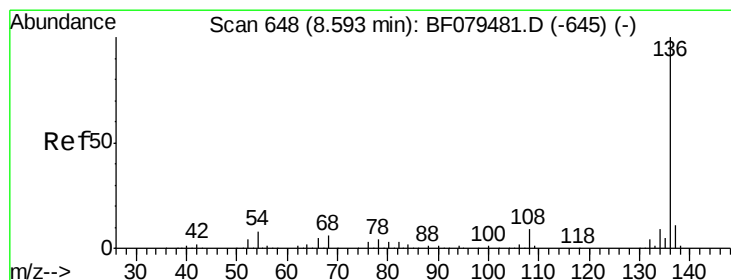
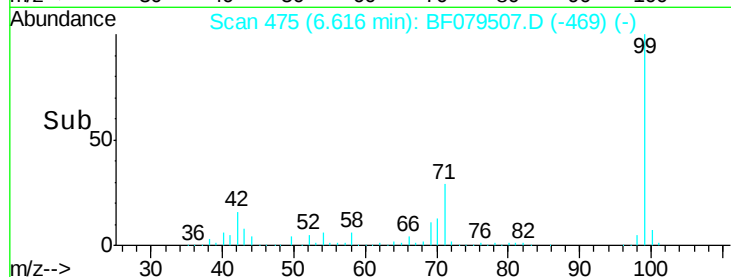
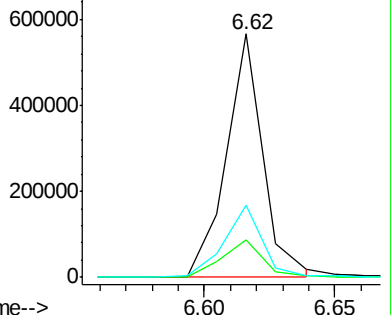
71 29.4 22.1 33.1



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: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079507.D

Acq: 27 May 2015 7:08

Tgt Ion: 136 Resp: 308012

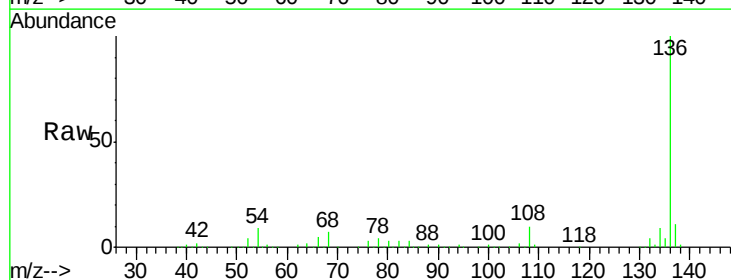
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.7 6.6 9.8

68 6.5 4.7 7.1

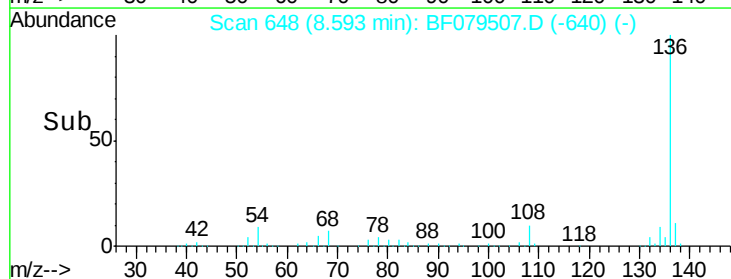
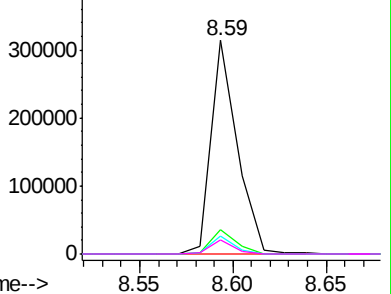


Abundance Ion 136.00 (135.70 to 136.70): E

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

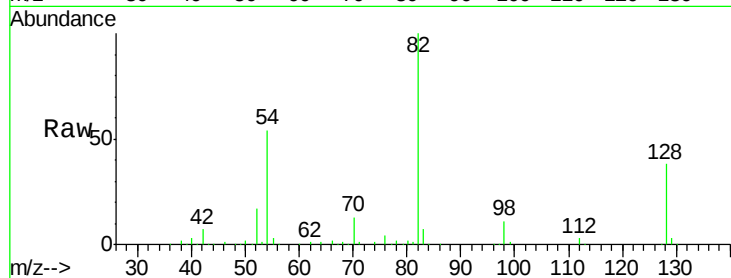




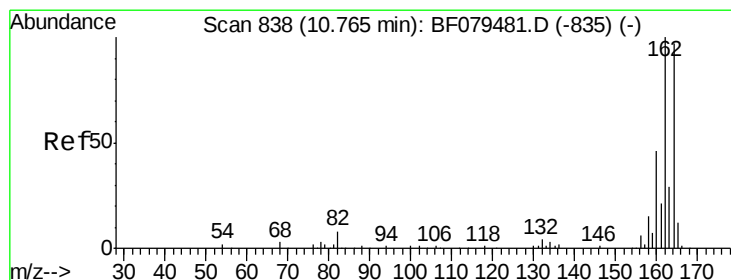
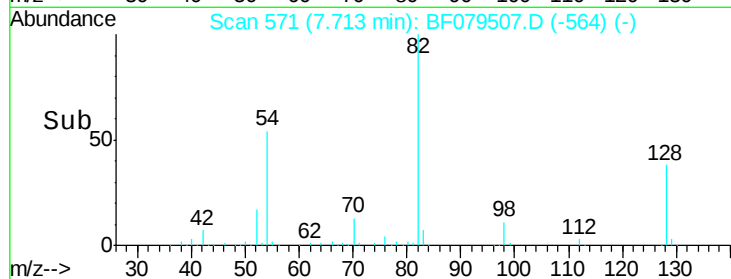
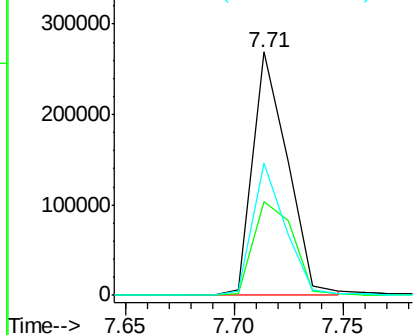
#23
 Nitrobenzene-d5
 Concen: 56.16 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-30AS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.8	46.2
54	54.4	42.8	64.2

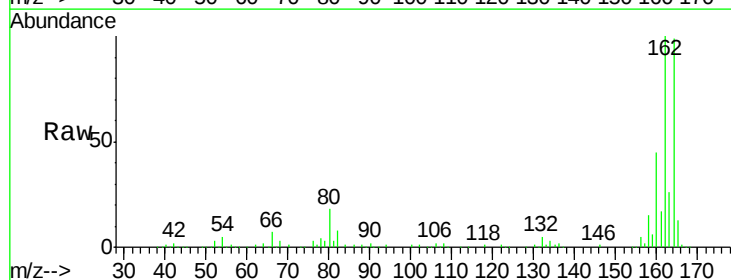


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

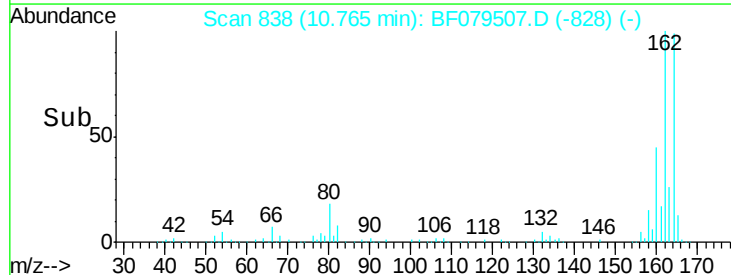
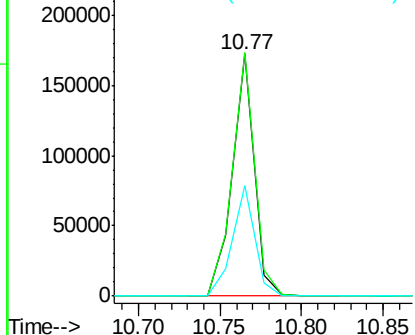


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.77 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	124.0
160	45.7	37.7	56.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

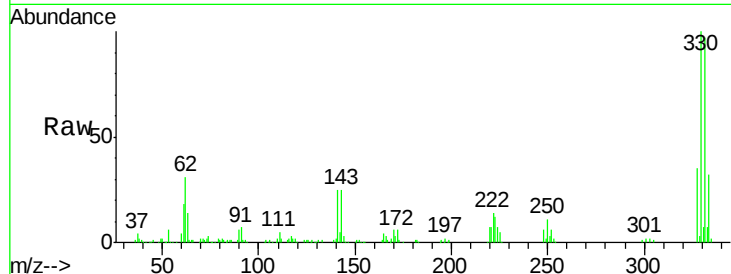




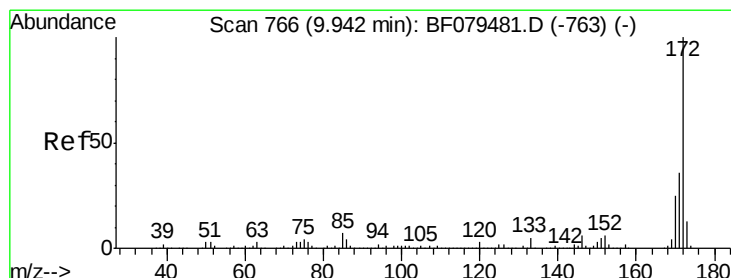
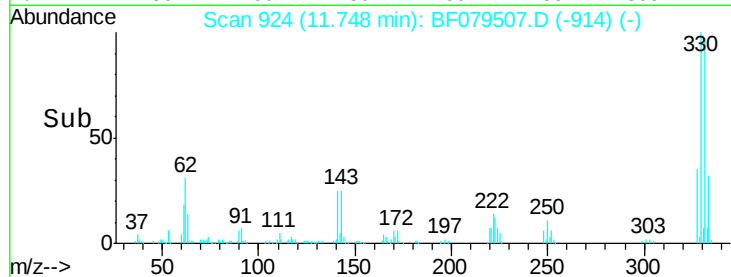
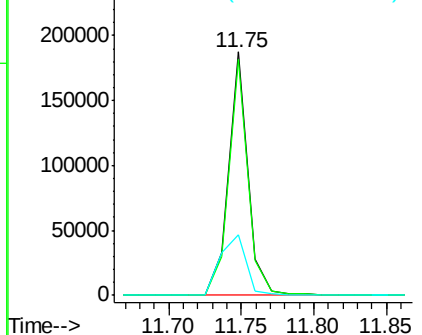
#41
 2,4,6-Tribromophenol
 Concen: 100.47 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-30AS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	33.4	0.0	0.0#

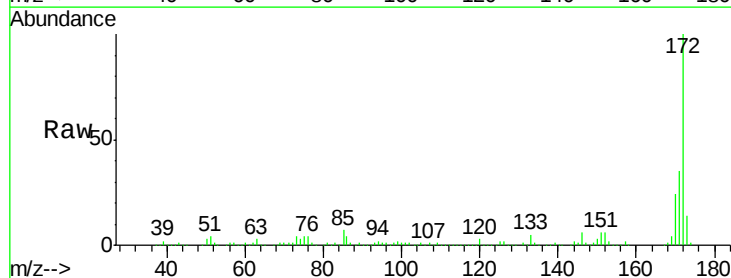


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

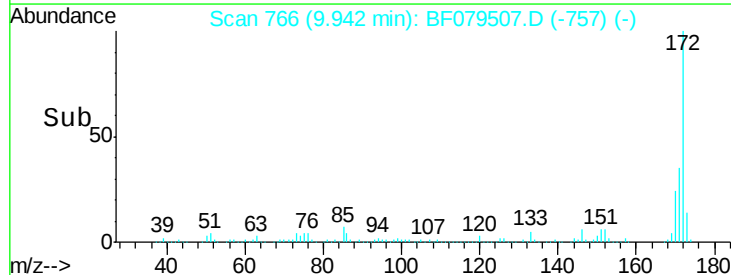
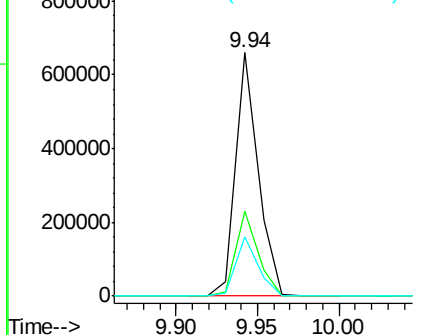


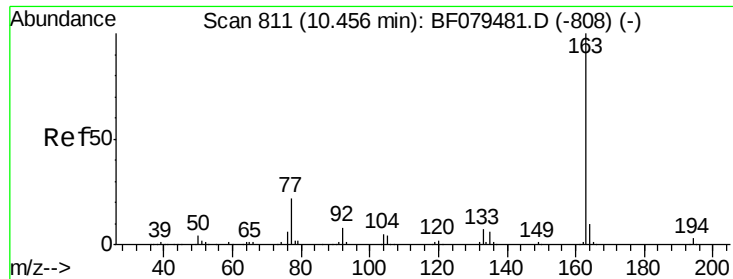
#44
 2-Fluorobiphenyl
 Concen: 56.43 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.4	19.7	29.5



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

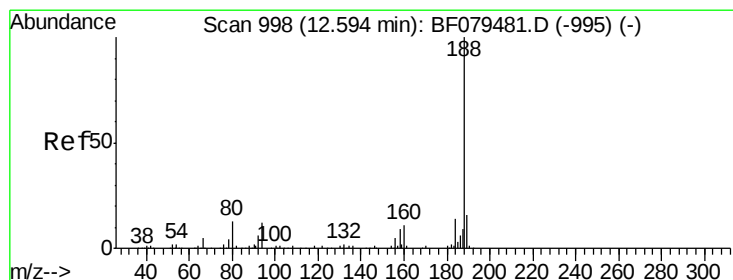
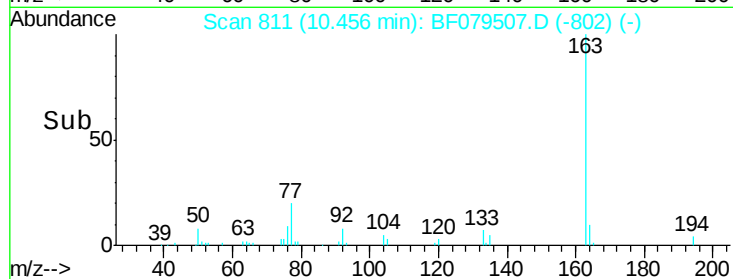
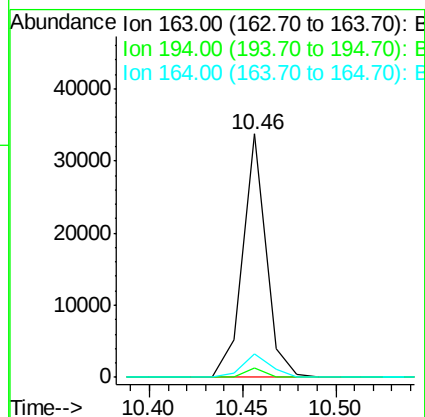
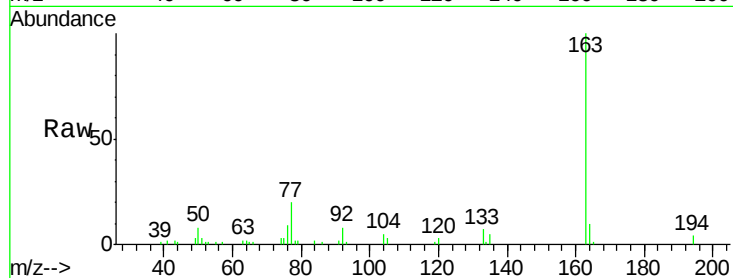




#49
Dimethylphthalate
Concen: 2.55 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

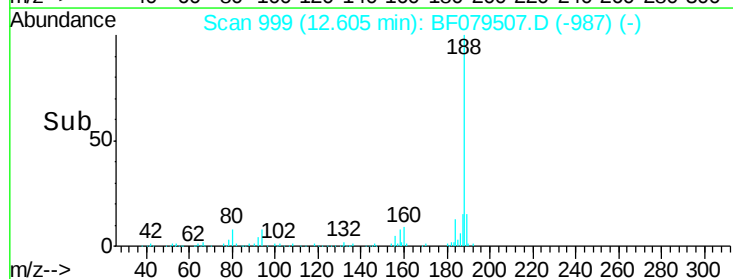
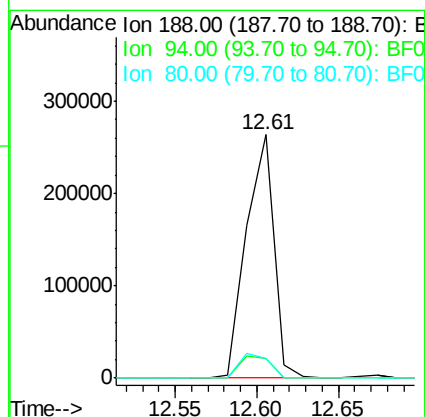
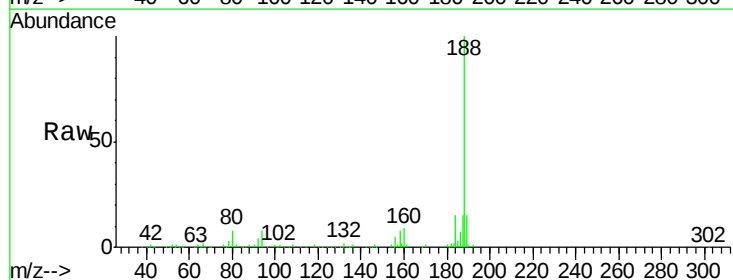
Instrument :
BNA_F
ClientSampleId :
SB-30AS

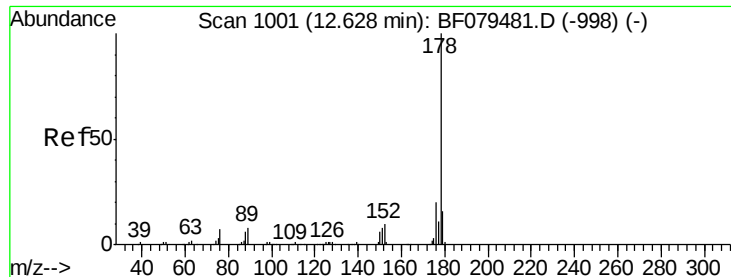
Tgt Ion:163 Resp: 29746
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6#
164 9.7 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Tgt Ion:188 Resp: 307930
Ion Ratio Lower Upper
188 100
94 7.9 9.8 14.6#
80 7.9 10.5 15.7#

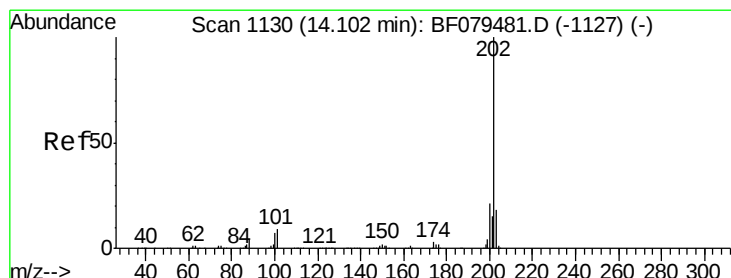
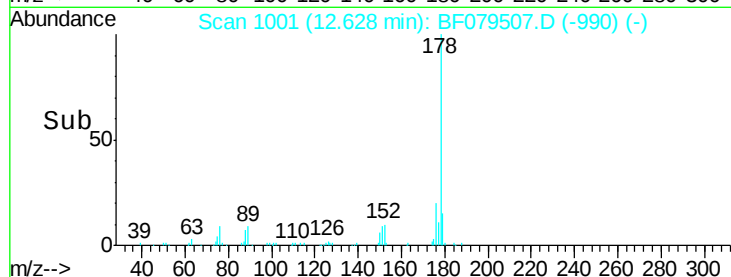
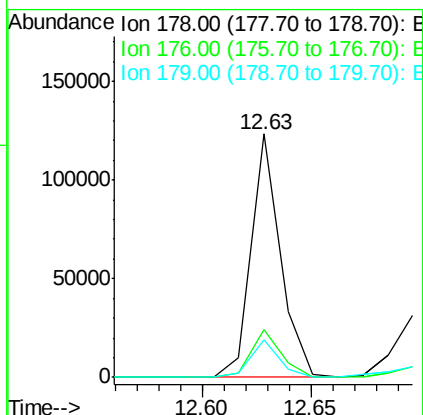
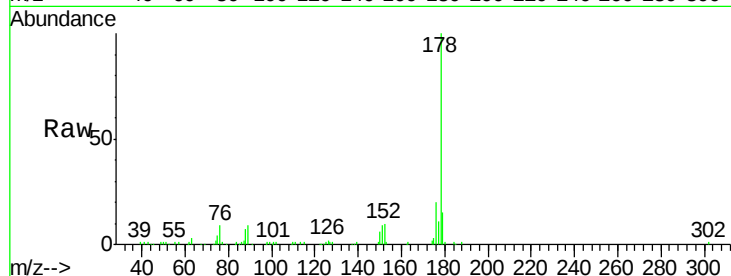




#70
Phenanthrene
Concen: 6.85 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

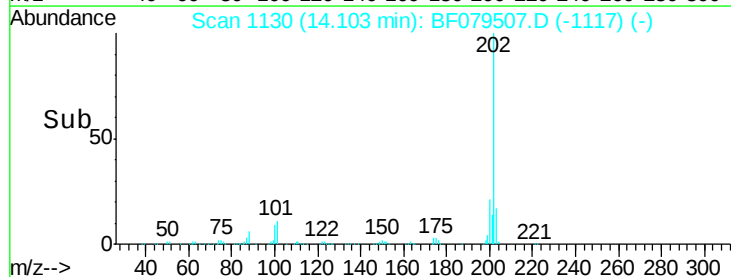
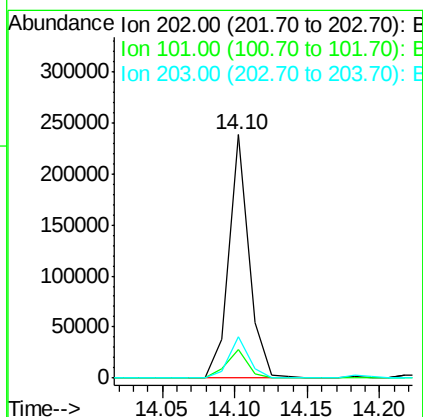
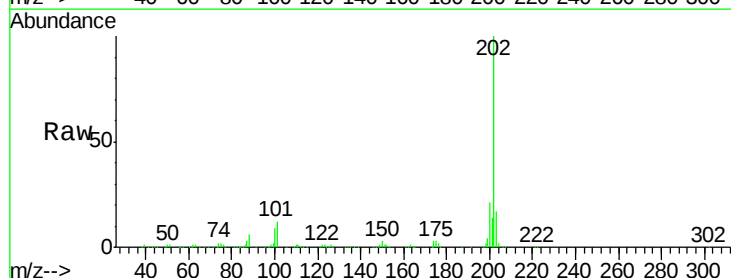
Instrument :
BNA_F
ClientSampleId :
SB-30AS

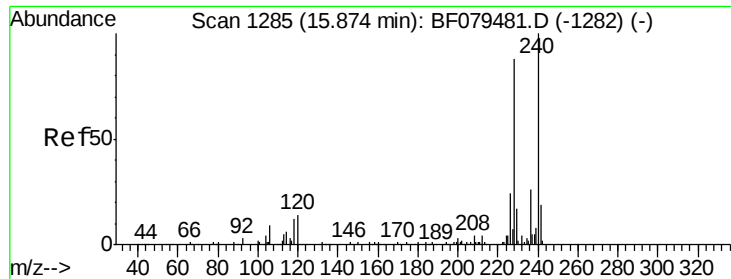
Tgt Ion:178 Resp: 115638
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.2 12.4 18.6



#74
Fluoranthene
Concen: 12.78 ng
RT: 14.10 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Tgt Ion:202 Resp: 231559
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.3
203 17.3 0.0 37.6

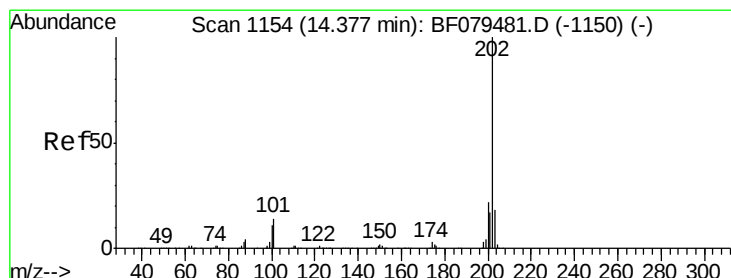
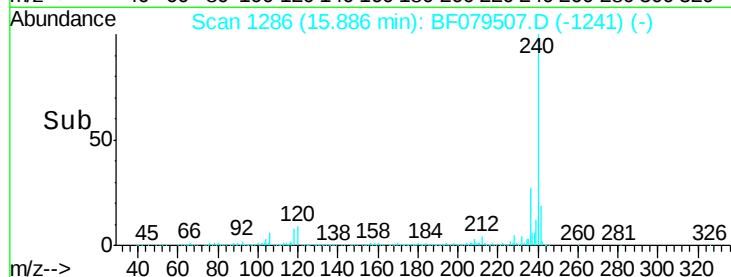
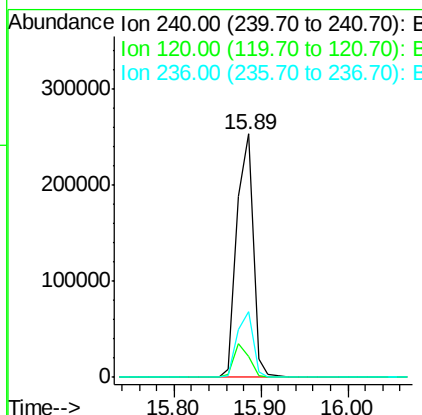
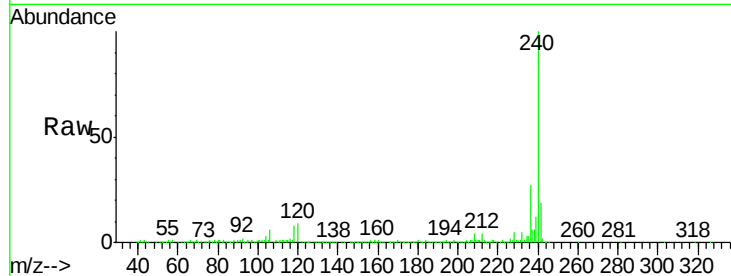




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

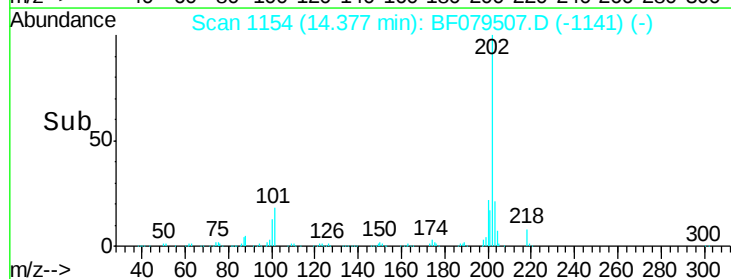
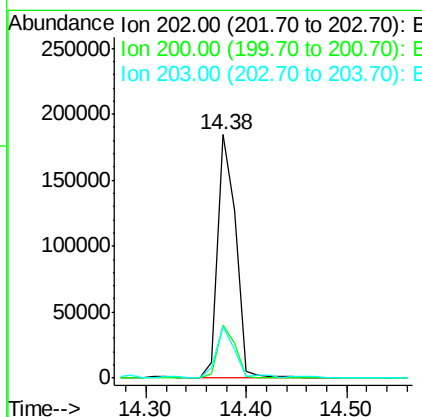
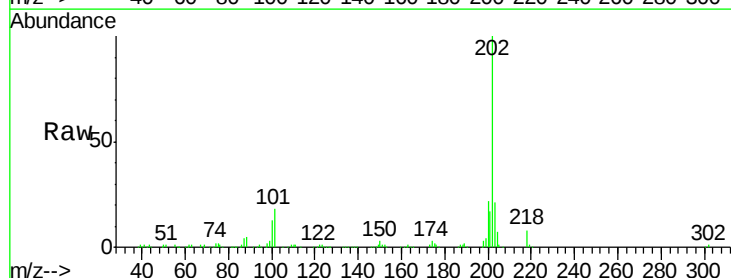
Instrument :
BNA_F
ClientSampleId :
SB-30AS

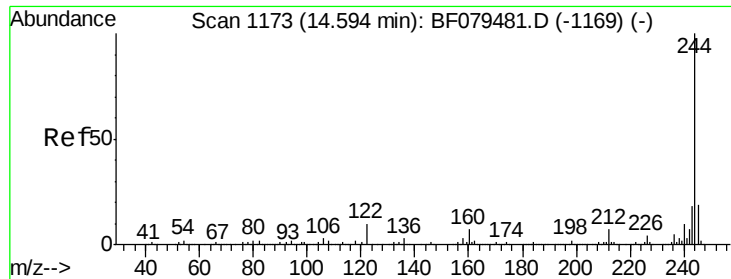
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	10.8	16.2#
236	26.7	21.0	31.6



#77
Pyrene
Concen: 11.23 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	21.1	14.4	21.6

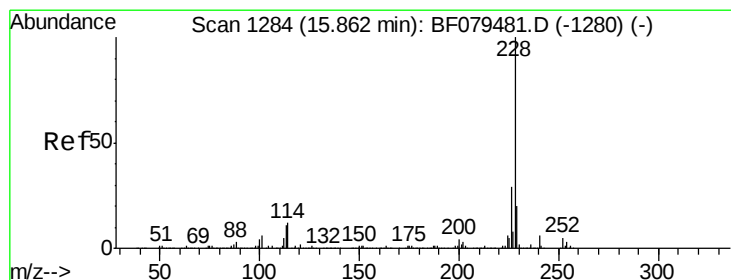
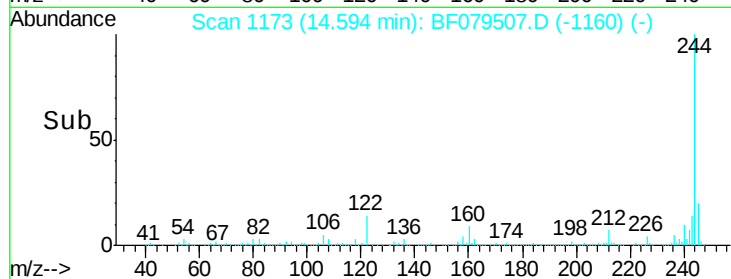
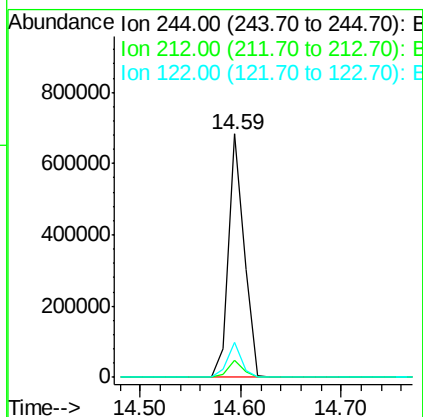
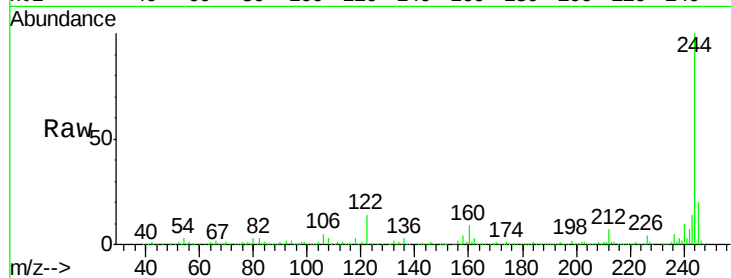




#78
 Terphenyl-d14
 Concen: 53.01 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

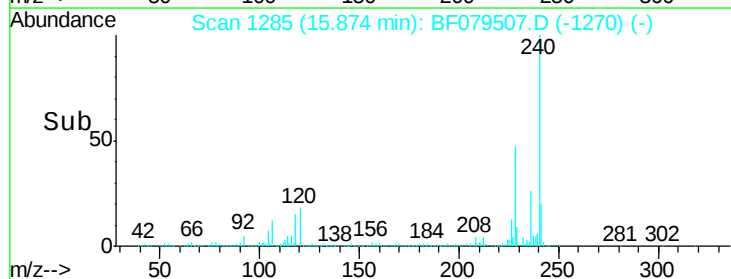
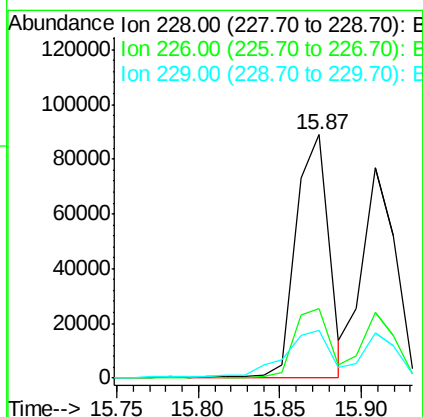
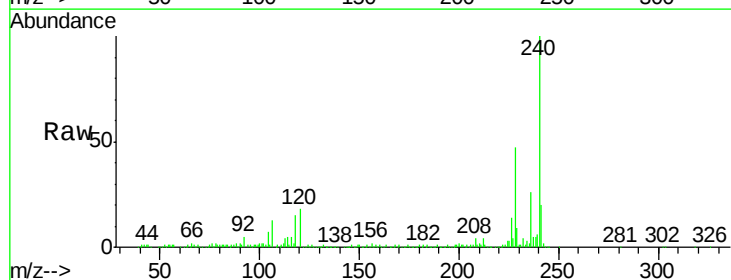
Instrument :
 BNA_F
 ClientSampleId :
 SB-30AS

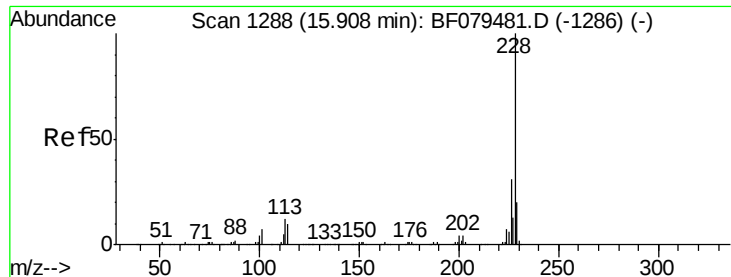
Tgt Ion:244 Resp: 739480
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 14.3 8.0 12.0#



#80
 Benzo(a)anthracene
 Concen: 6.70 ng
 RT: 15.87 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF079507.D
 Acq: 27 May 2015 7:08

Tgt Ion:228 Resp: 126106
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.8 34.2
 229 19.9 15.9 23.9





#82

Chrysene

Concen: 6.04 ng

RT: 15.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF079507.D

Acq: 27 May 2015 7:08

Instrument :

BNA_F

ClientSampleId :

SB-30AS

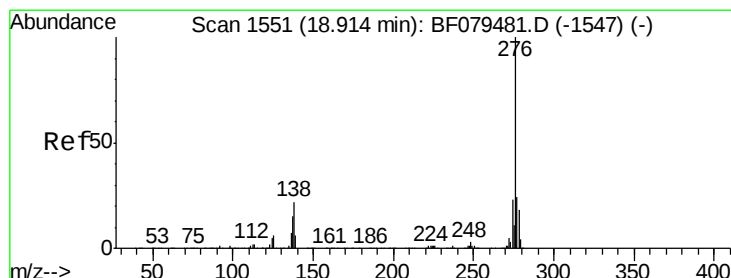
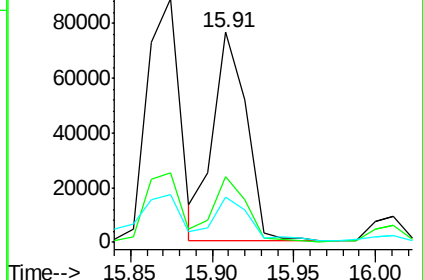
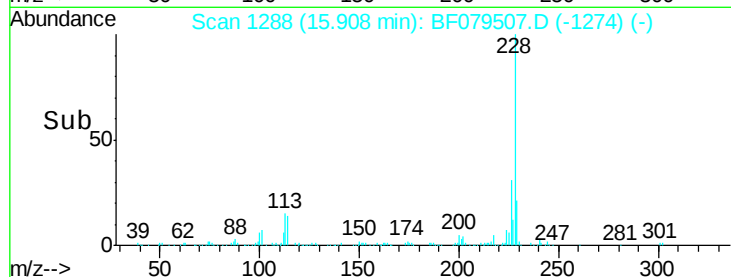
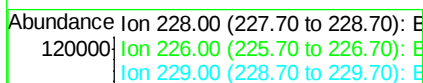
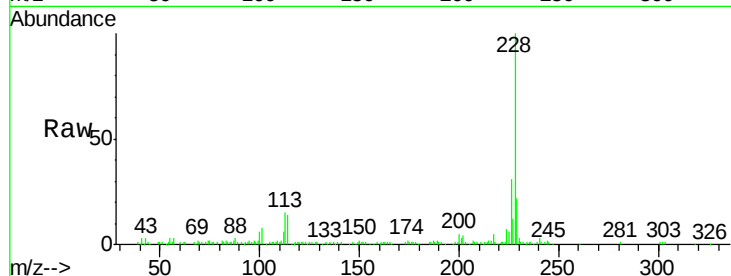
Tgt Ion:228 Resp: 108069

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

229 21.7 15.9 23.9



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.36 ng

RT: 18.91 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF079507.D

Acq: 27 May 2015 7:08

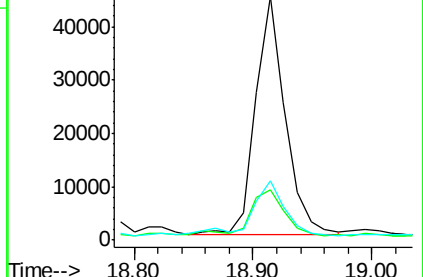
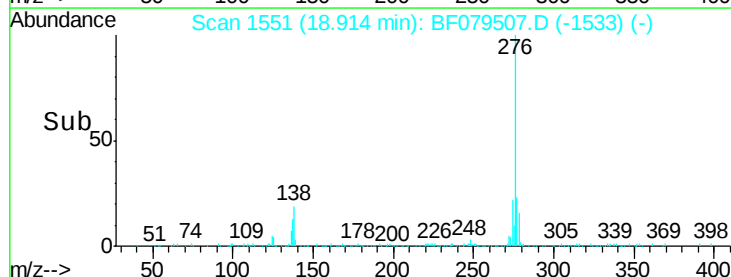
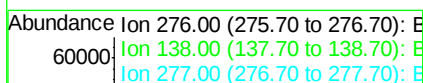
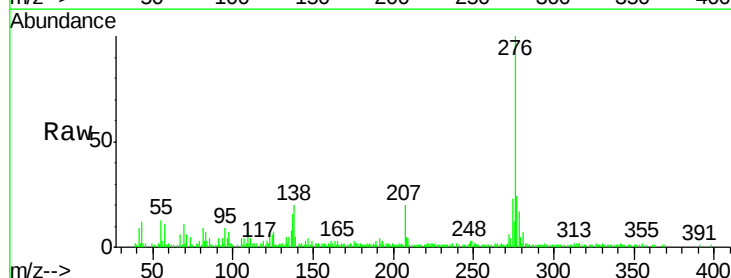
Tgt Ion:276 Resp: 77430

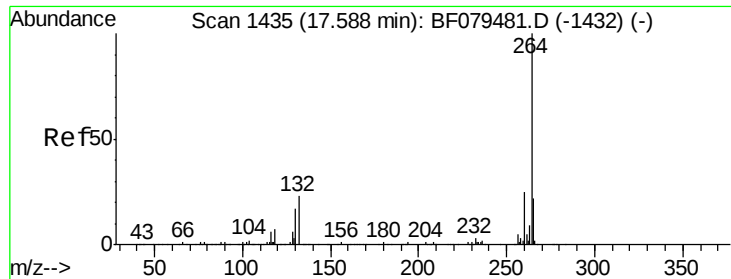
Ion Ratio Lower Upper

276 100

138 22.4 21.4 32.2

277 26.6 19.8 29.6

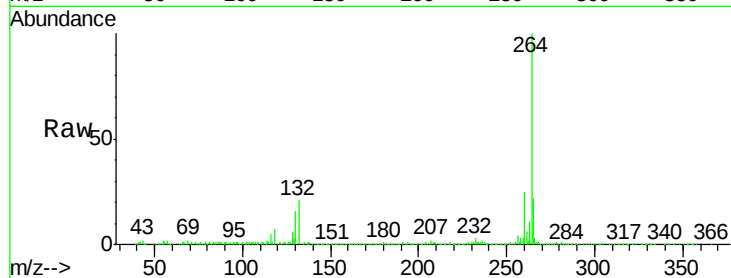




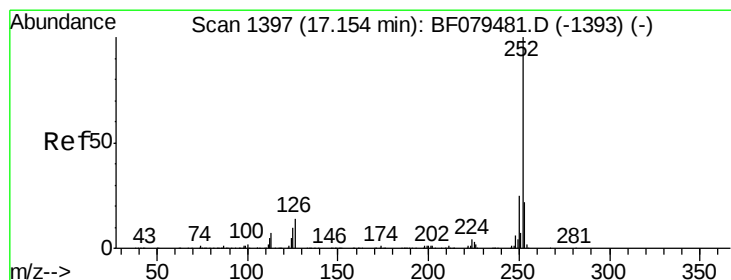
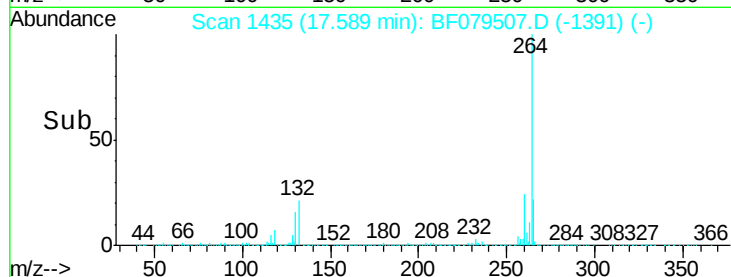
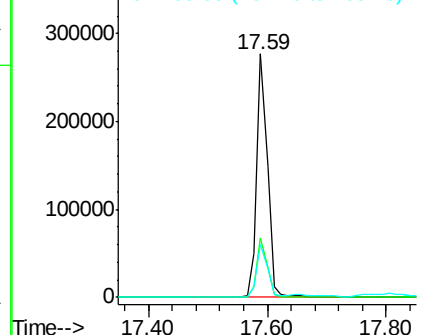
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.59 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SB-30AS

Tgt Ion:264 Resp: 347054
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.8
265 21.8 17.8 26.6

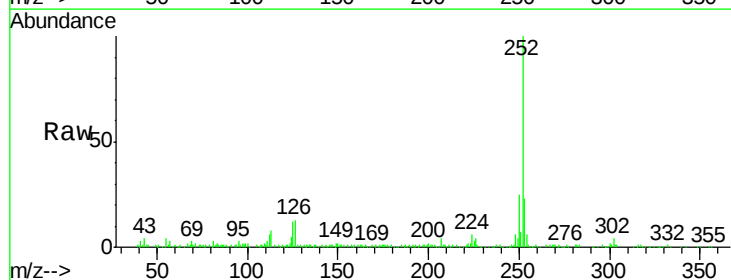


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

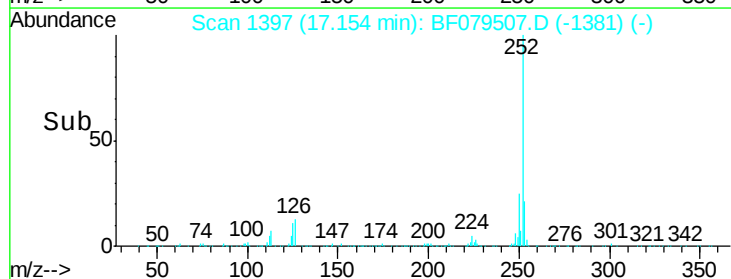
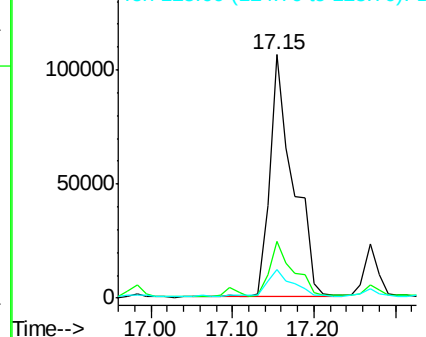


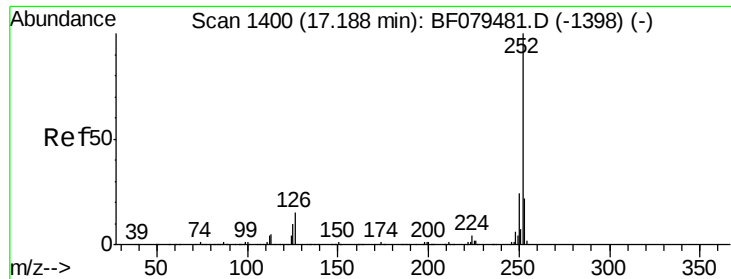
#87
Benzo(b)fluoranthene
Concen: 10.81 ng
RT: 17.15 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Tgt Ion:252 Resp: 214021
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 11.8 7.8 11.6#



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

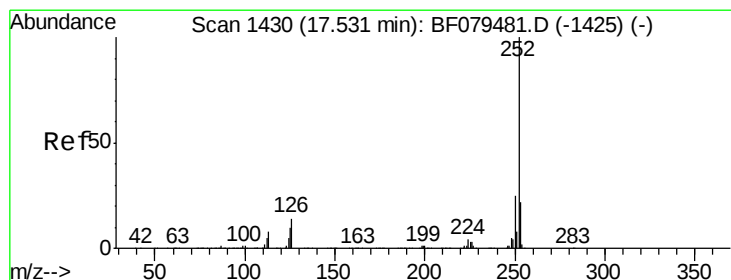
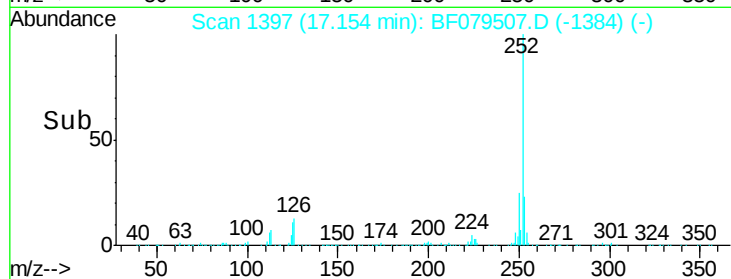
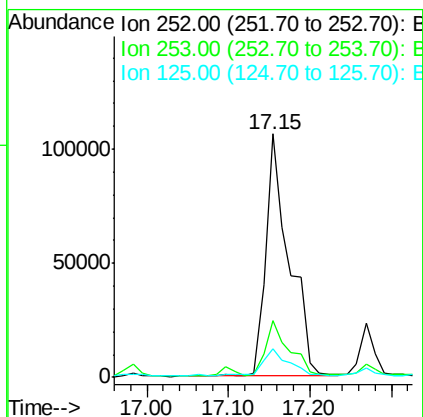
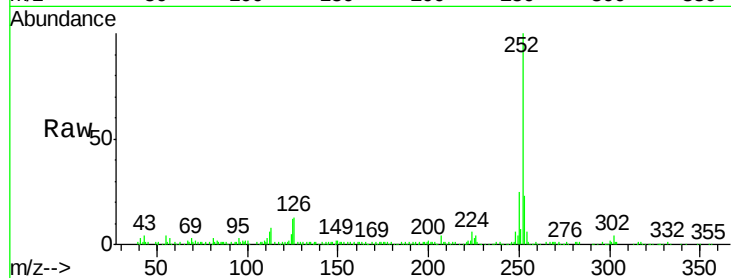




#88
Benzo(k)fluoranthene
Concen: 12.09 ng
RT: 17.15 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Instrument :
BNA_F
ClientSampled :
SB-30AS

Tgt Ion:252 Resp: 214021
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 11.8 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 5.49 ng
RT: 17.53 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF079507.D
Acq: 27 May 2015 7:08

Tgt Ion:252 Resp: 124569
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.1 7.9 11.9

