

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077939.D
 Acq On : 25 Mar 2015 6:29
 Operator : TP/IZ
 Sample : G1615-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-1

Quant Time: Mar 25 06:18:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 04:36:48 2015
 Response via : Initial Calibration

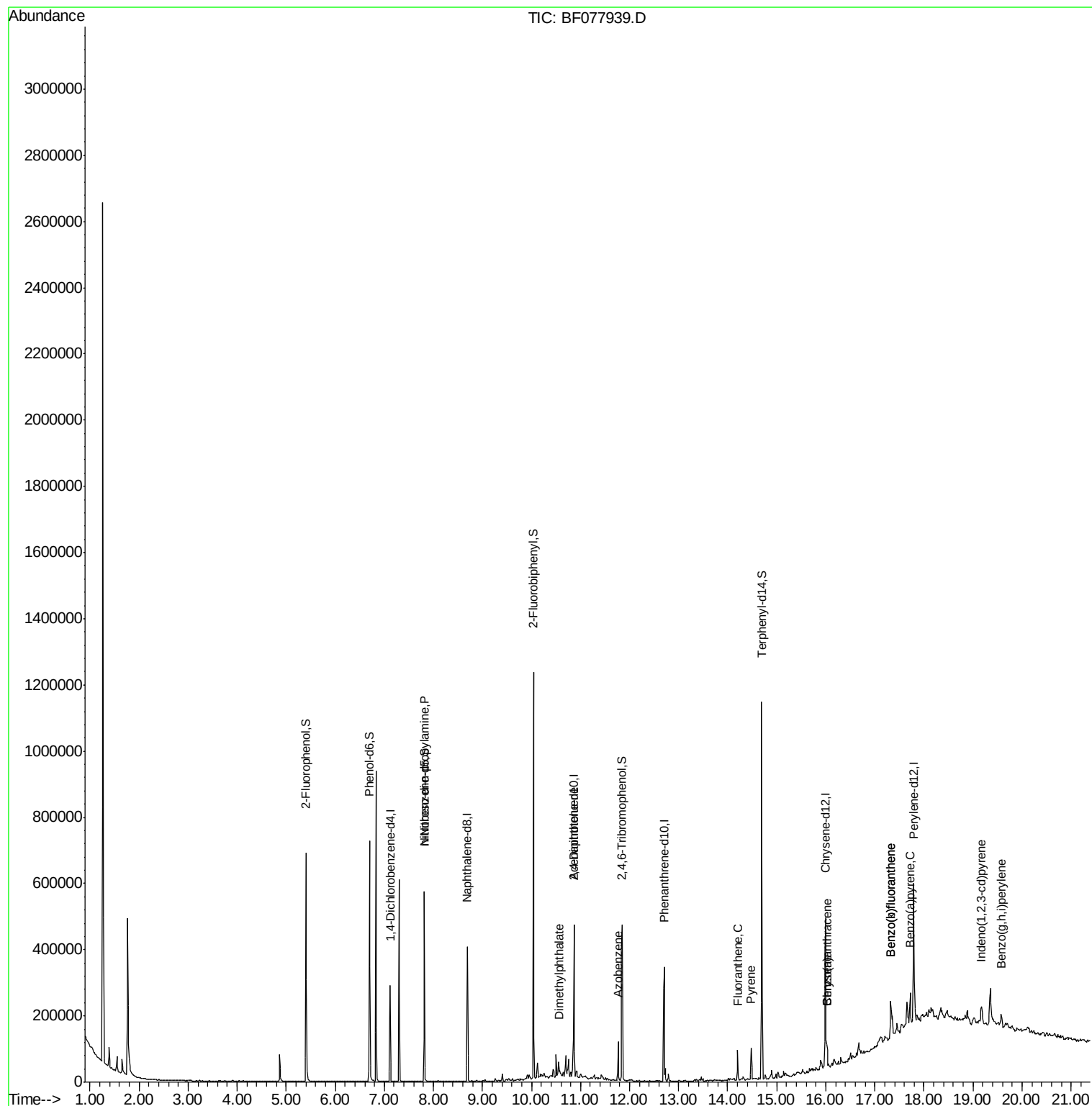
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	44750	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	187981	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	95839	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	182485	20.00	ng	0.01
75) Chrysene-d12	16.00	240	200607	20.00	ng	0.01
86) Perylene-d12	17.79	264	198033	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	236584	92.28	ng	0.00
7) Phenol-d6	6.69	99	303693	95.88	ng	0.00
23) Nitrobenzene-d5	7.81	82	183768	64.08	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	76107	83.00	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	365069	55.98	ng	0.00
78) Terphenyl-d14	14.69	244	392138	47.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	22932	10.47	ng	Qvalue # 79
49) Dimethylphthalate	10.56	163	28478	4.01	ng	99
56) 2,4-Dinitrotoluene	10.86	165	12575	6.54	ng	# 11
62) Azobenzene	11.77	77	21733	3.28	ng	# 1
74) Fluoranthene	14.20	202	40520	3.51	ng	96
77) Pyrene	14.48	202	43476	3.45	ng	97
80) Benzo(a)anthracene	16.03	228	40449	3.40	ng	94
82) Chrysene	16.03	228	39799	3.72	ng	97
85) Indeno(1,2,3-cd)pyrene	19.17	276	32427	2.43	ng	# 100
87) Benzo(b)fluoranthene	17.32	252	94604	7.32	ng	98
88) Benzo(k)fluoranthene	17.32	252	94604	9.37	ng	# 95
89) Benzo(a)pyrene	17.72	252	48757	4.52	ng	# 92
91) Benzo(g,h,i)perylene	19.57	276	30129	2.77	ng	93

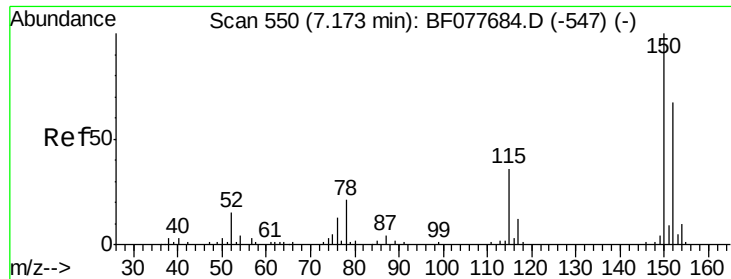
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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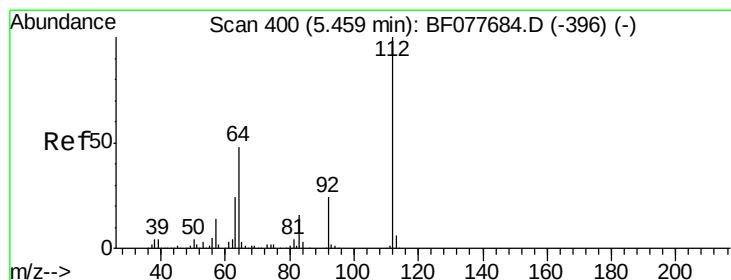
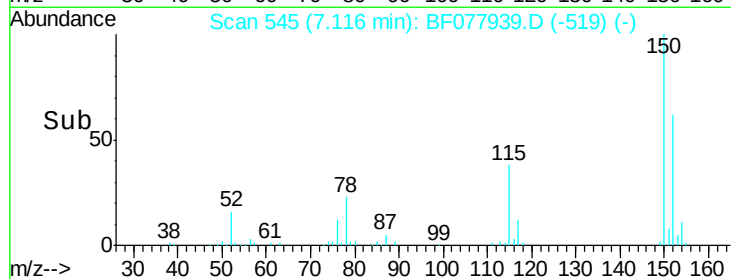
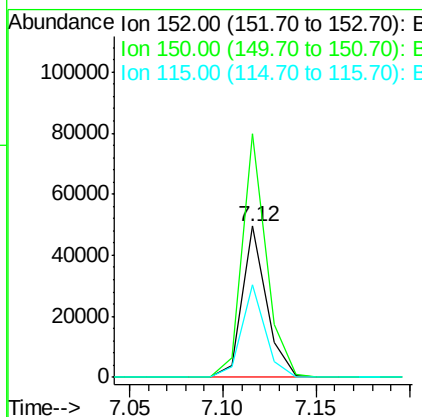
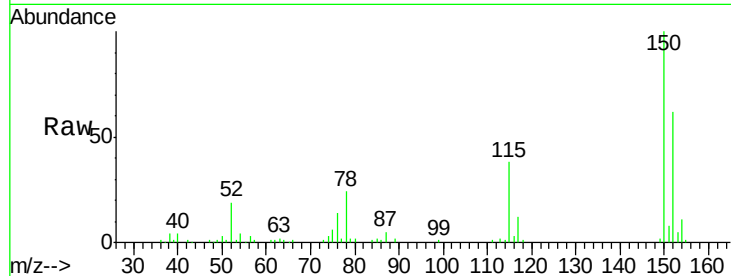




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

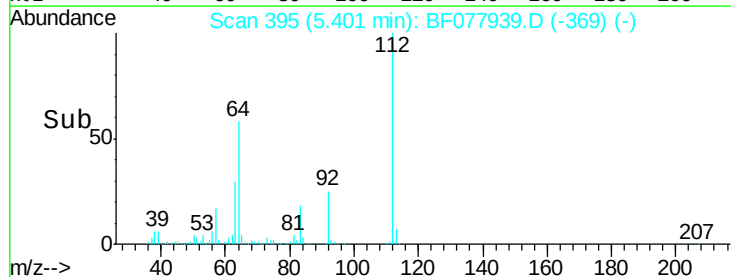
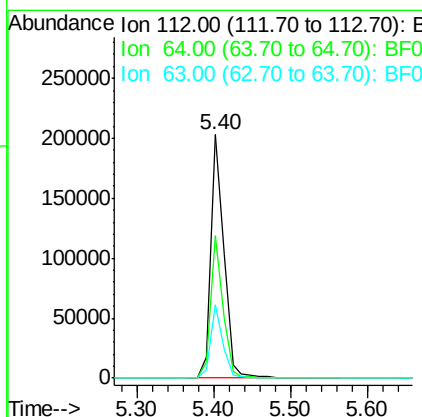
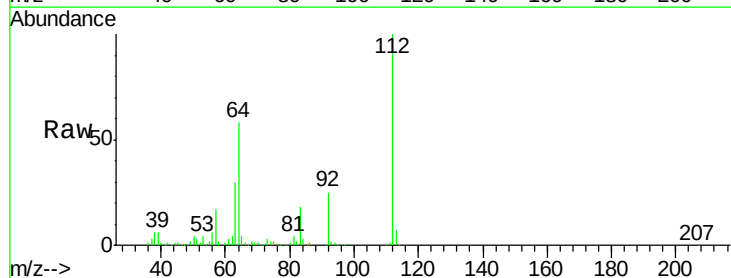
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 BNA_F
 ClientSampleId :
 SB-17-1

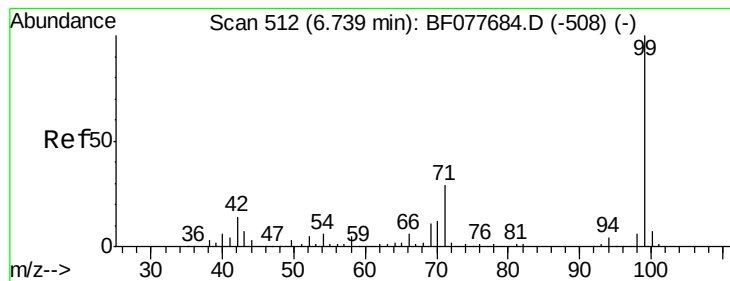
Tgt Ion:152 Resp: 44750
 Ion Ratio Lower Upper
 152 100
 150 161.1 119.5 179.3
 115 61.2 43.0 64.4



#5
 2-Fluorophenol
 Concen: 92.28 ng
 RT: 5.40 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

Tgt Ion:112 Resp: 236584
 Ion Ratio Lower Upper
 112 100
 64 58.3 38.6 57.8#
 63 30.1 19.3 28.9#





#7

Phenol-d6

Concen: 95.88 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-17-1

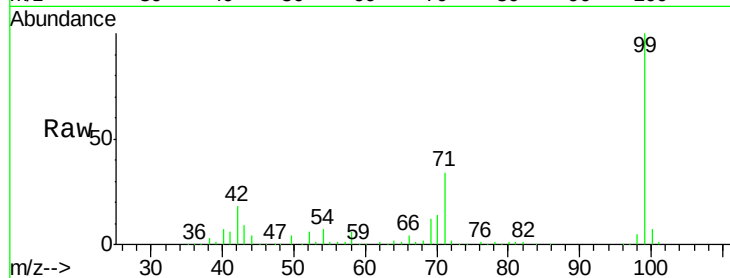
Tgt Ion: 99 Resp: 303693

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

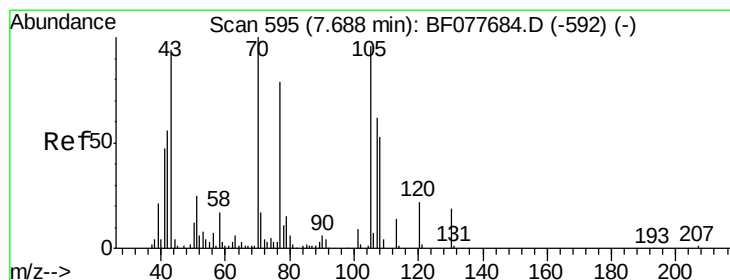
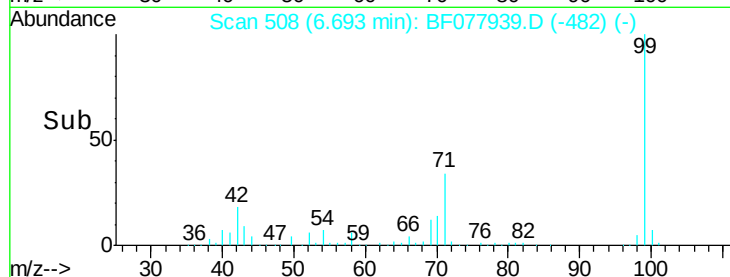
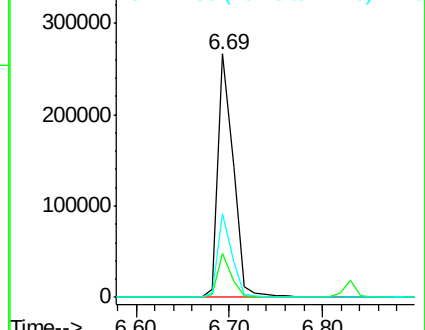
71 34.3 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.47 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Tgt Ion: 70 Resp: 22932

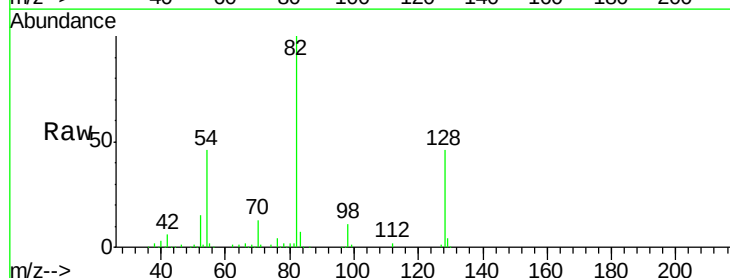
Ion Ratio Lower Upper

70 100

42 45.3 44.5 66.7

101 0.0 7.4 11.2#

130 2.5 15.3 22.9#

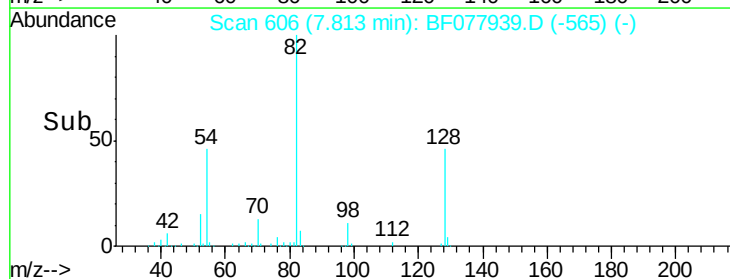
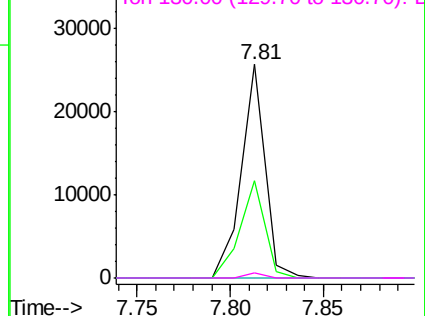


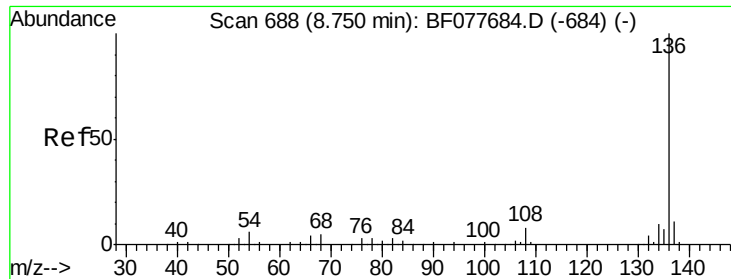
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

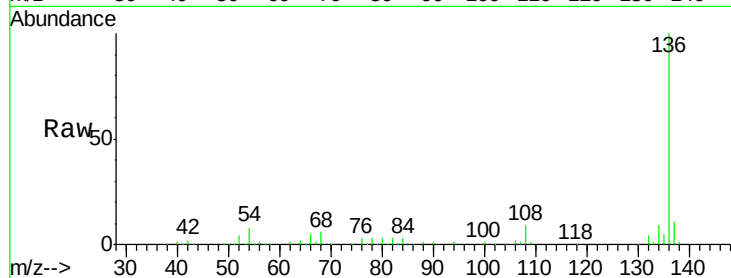




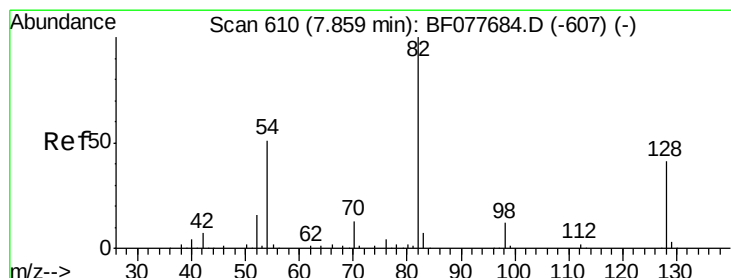
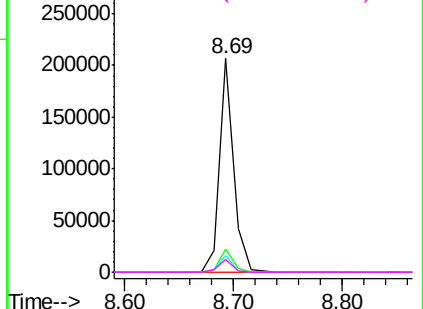
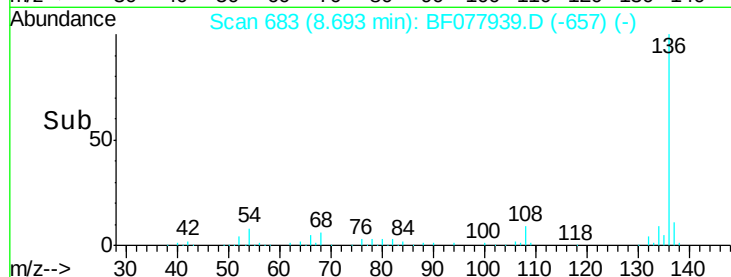
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
BNA_F
ClientSampleId :
SB-17-1

Tgt Ion: 136 Resp: 187981
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.6 4.6 6.8#
68 5.8 3.7 5.5#

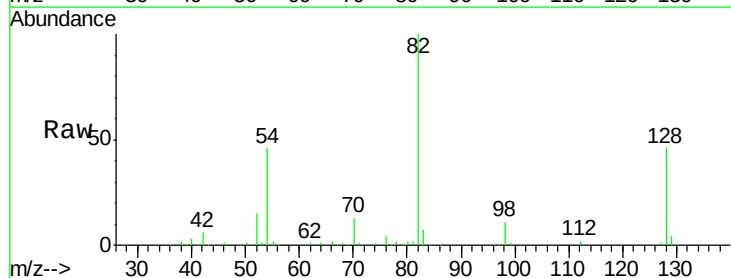


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

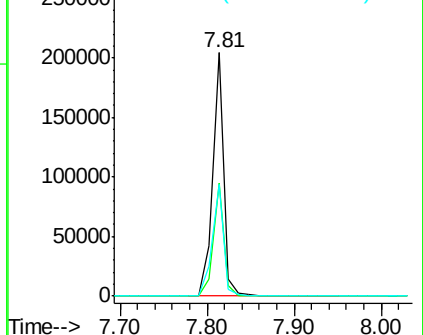
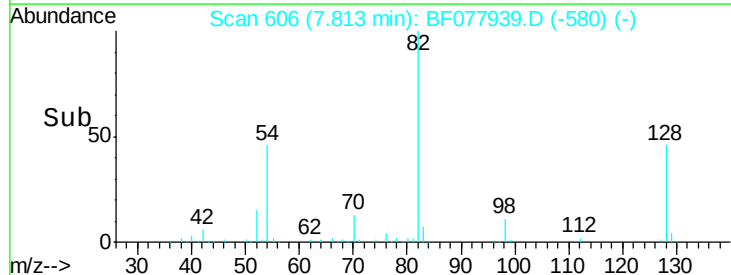


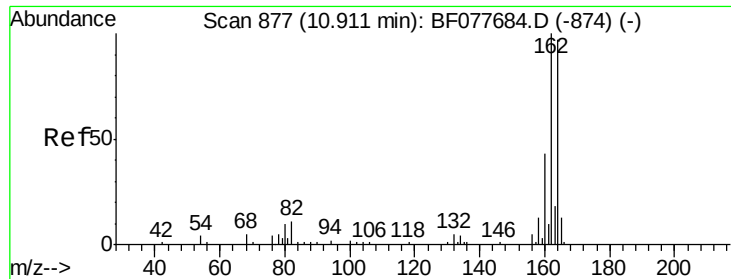
#23
Nitrobenzene-d5
Concen: 64.08 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion: 82 Resp: 183768
Ion Ratio Lower Upper
82 100
128 46.2 32.8 49.2
54 45.9 40.6 60.8



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

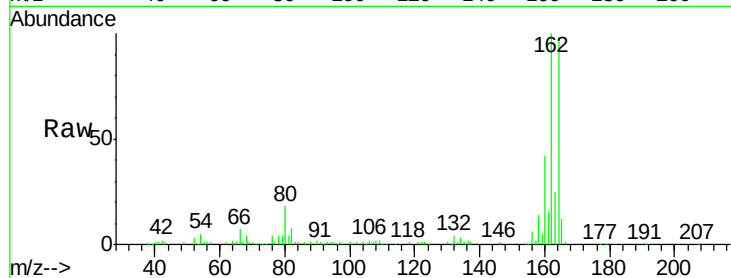




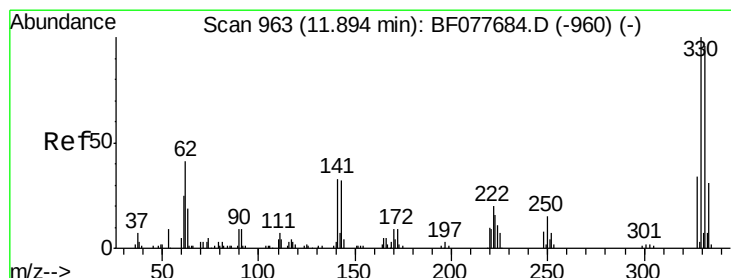
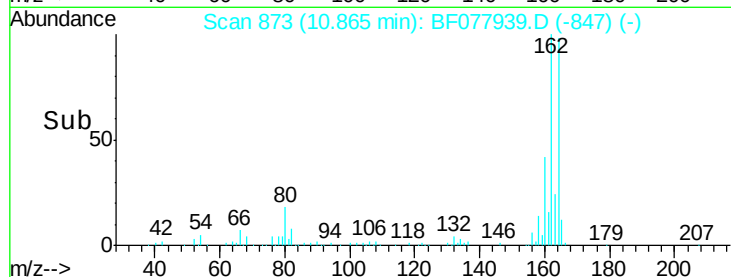
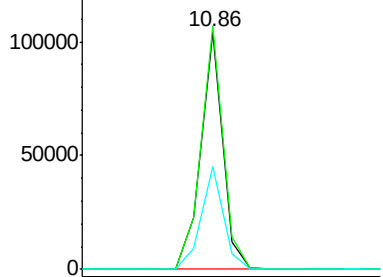
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
BNA_F
ClientSampleId :
SB-17-1

Tgt Ion:164 Resp: 95839
Ion Ratio Lower Upper
164 100
162 102.4 82.4 123.6
160 43.3 35.8 53.6

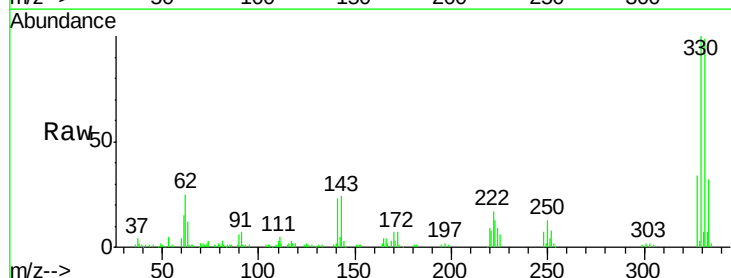


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

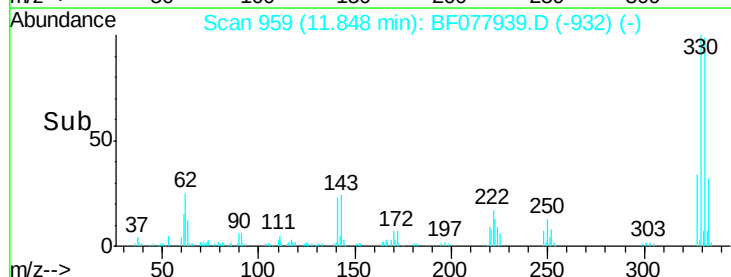
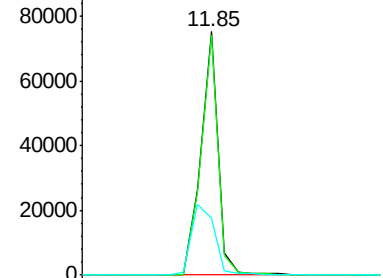


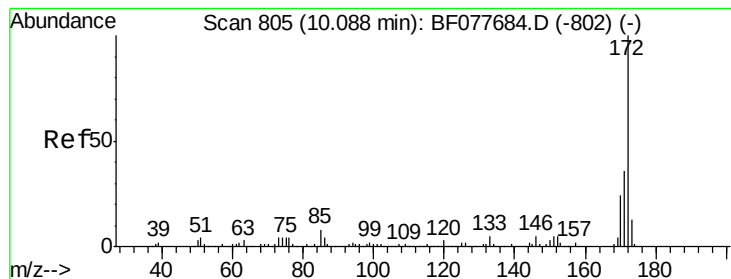
#41
2,4,6-Tribromophenol
Concen: 83.00 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion:330 Resp: 76107
Ion Ratio Lower Upper
330 100
332 97.5 0.0 0.0#
141 38.1 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: 55.98 ng

RT: 10.04 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-17-1

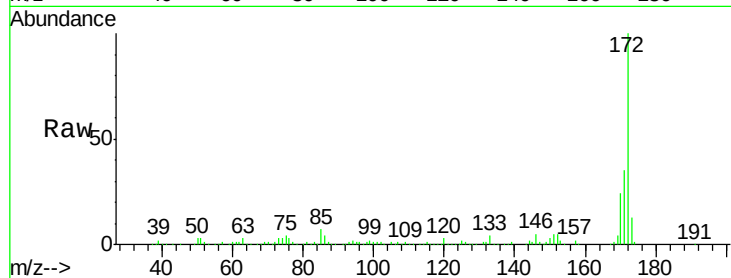
Tgt Ion:172 Resp: 365069

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

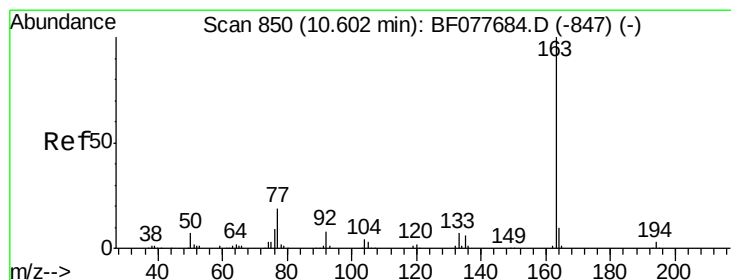
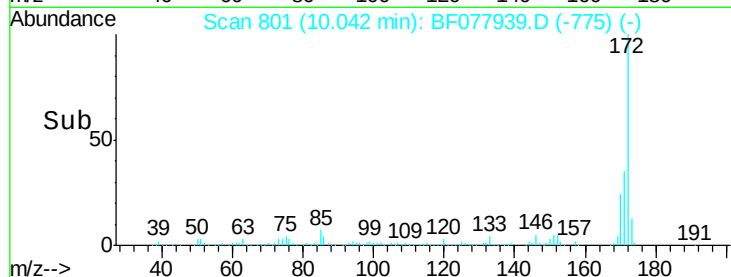
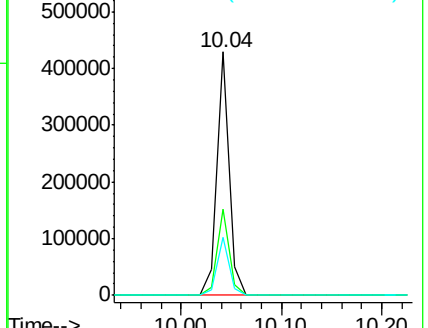
170 23.8 18.8 28.2



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: 4.01 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

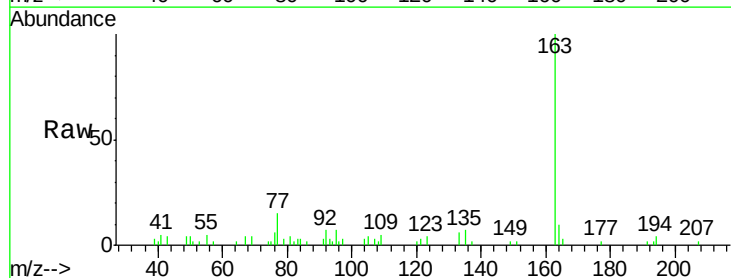
Tgt Ion:163 Resp: 28478

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

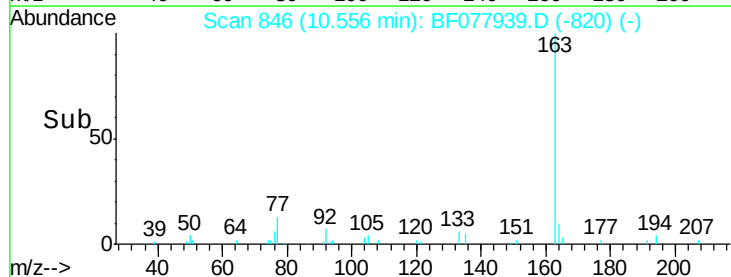
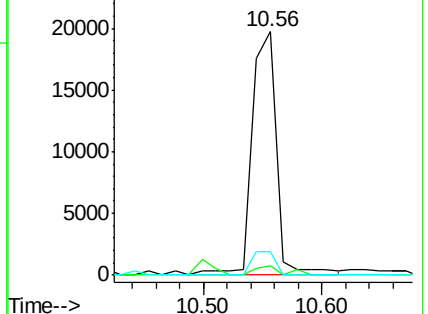
164 9.8 8.2 12.2

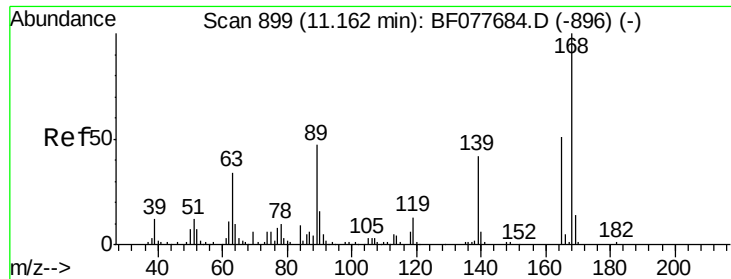


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

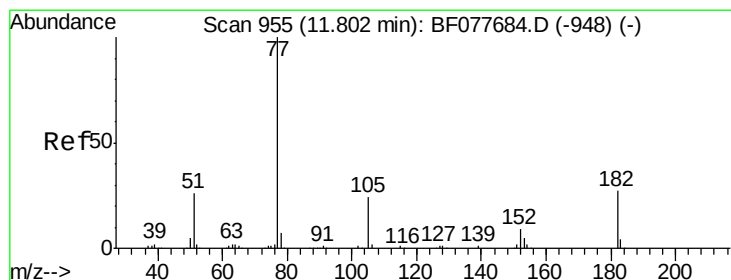
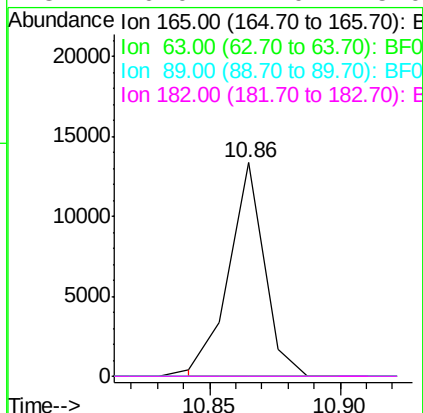
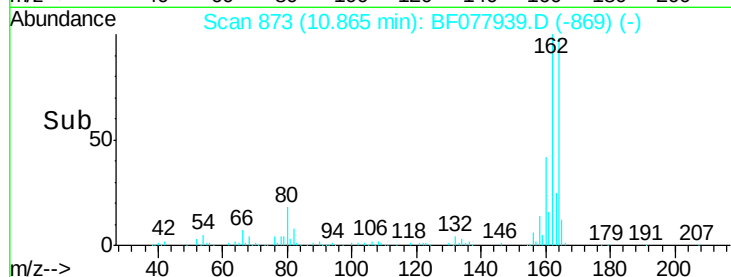
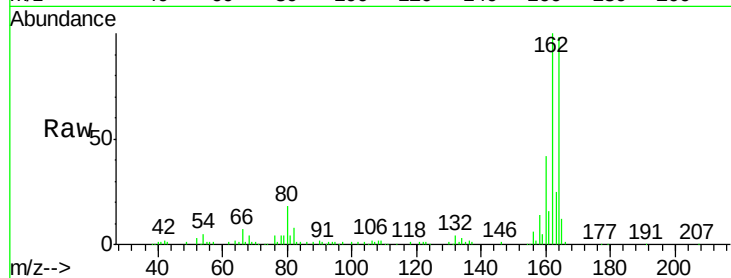




#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

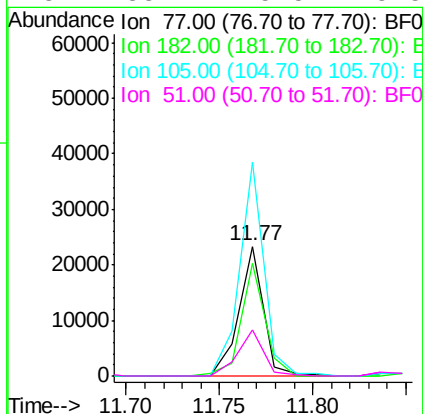
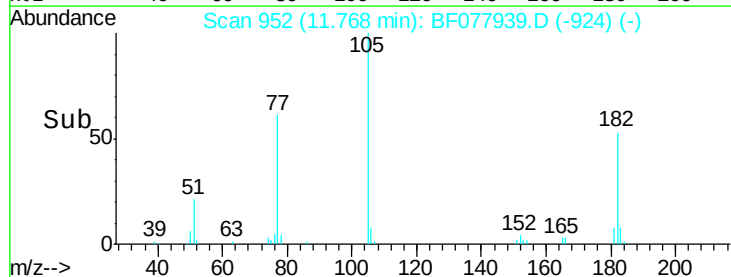
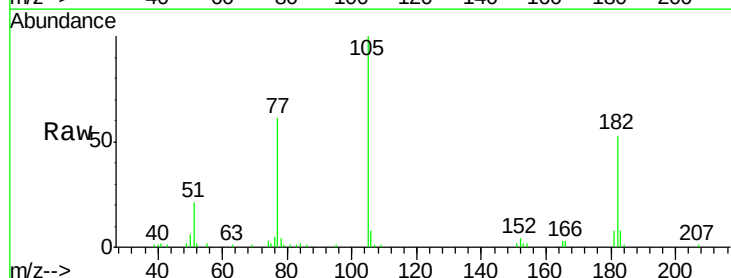
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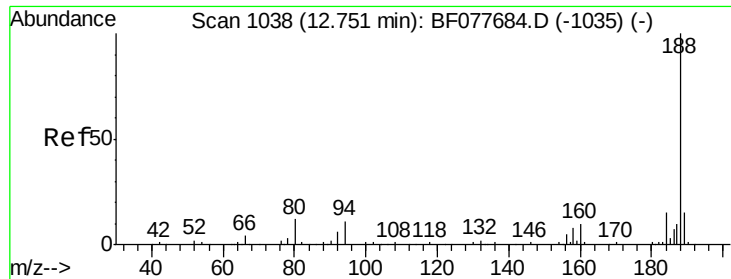
Tgt Ion:	165	Resp:	12575
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



#62
 Azobenzene
 Concen: 3.28 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.02 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

Tgt Ion:	77	Resp:	21733
Ion	Ratio	Lower	Upper
77	100		
182	86.8	6.5	46.5#
105	164.6	3.8	43.8#
51	35.1	5.5	45.5

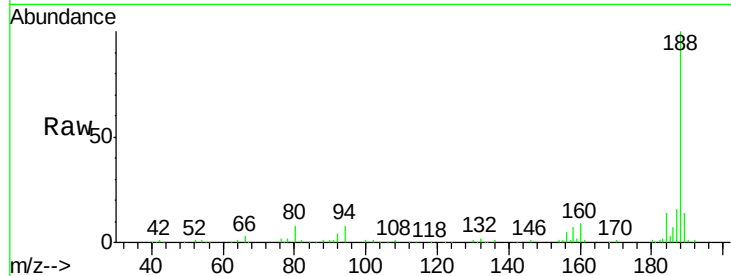




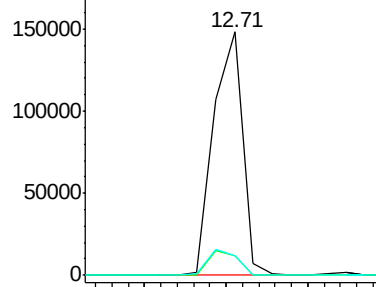
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
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ClientSampleId :
SB-17-1

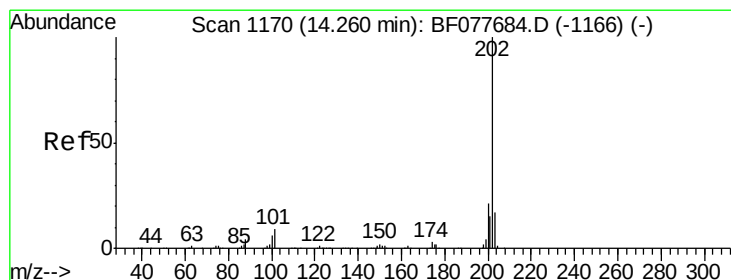
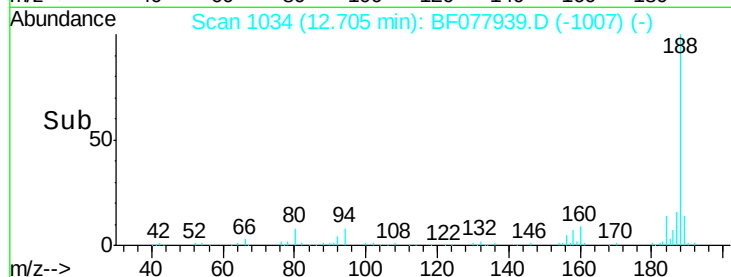
Tgt Ion:188 Resp: 182485
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 8.1 9.3 13.9#



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

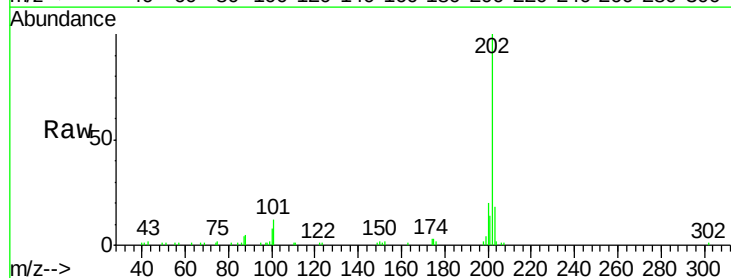


Time-->

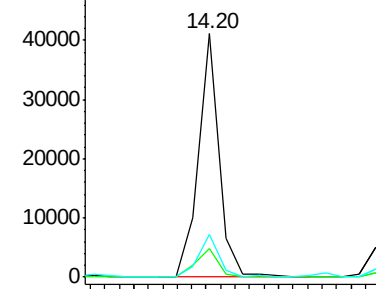


#74
Fluoranthene
Concen: 3.51 ng
RT: 14.20 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

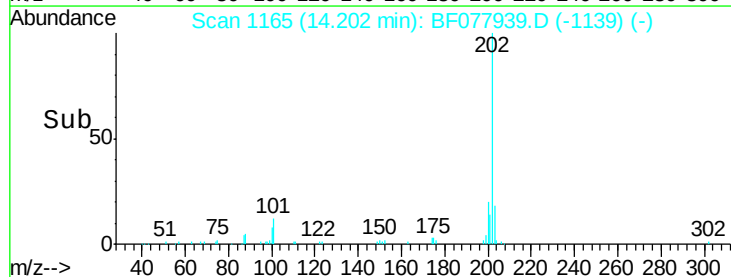
Tgt Ion:202 Resp: 40520
Ion Ratio Lower Upper
202 100
101 11.9 0.0 28.7
203 17.6 0.0 37.2

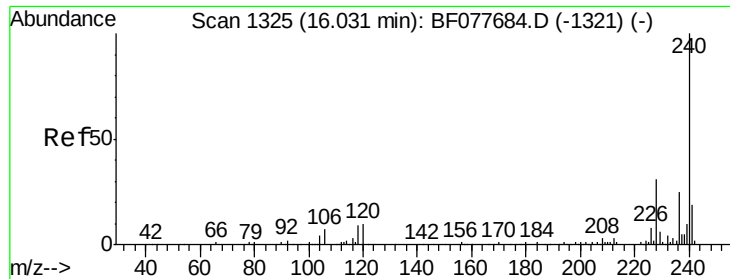


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

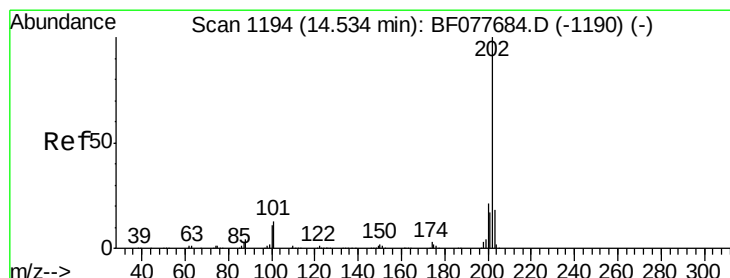
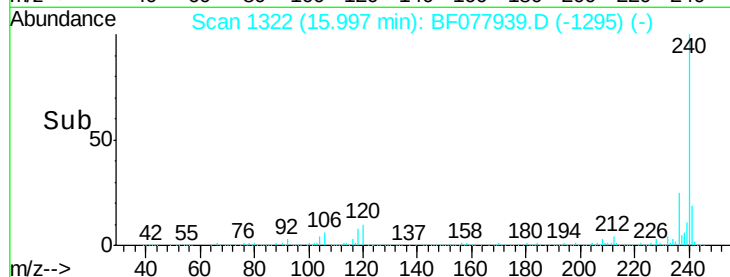
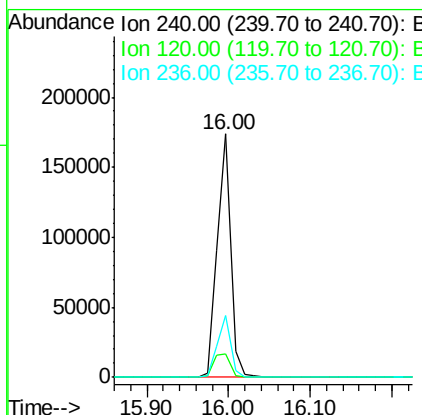
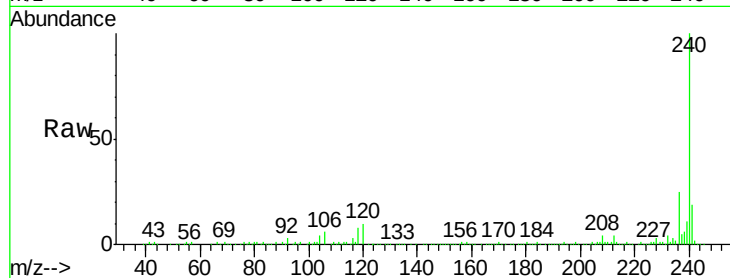




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

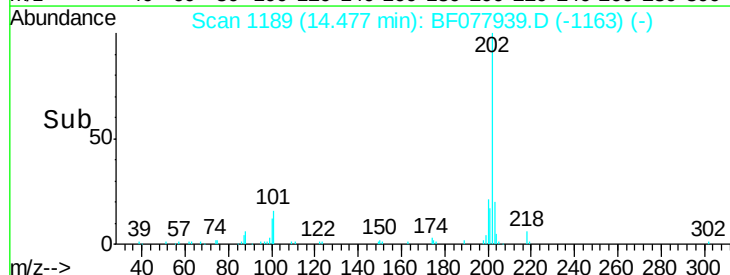
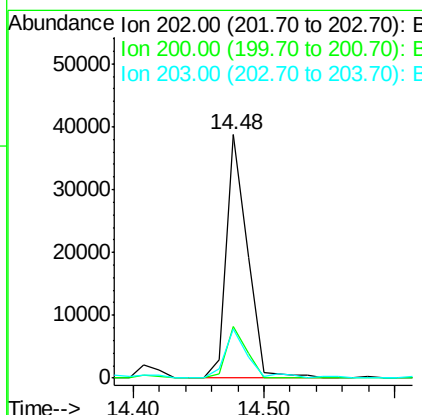
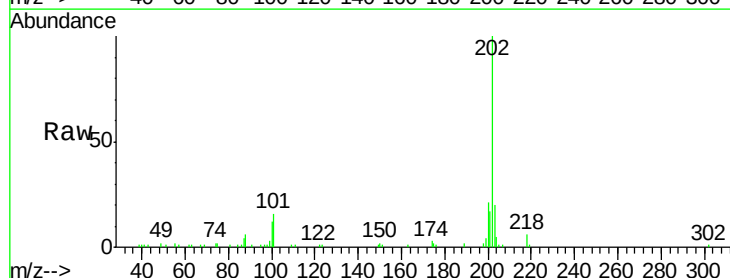
Instrument :
BNA_F
ClientSampleId :
SB-17-1

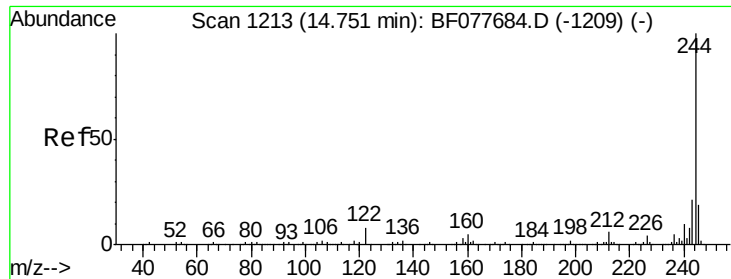
Tgt Ion:240 Resp: 200607
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.2 20.0 30.0



#77
Pyrene
Concen: 3.45 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion:202 Resp: 43476
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 20.2 14.1 21.1

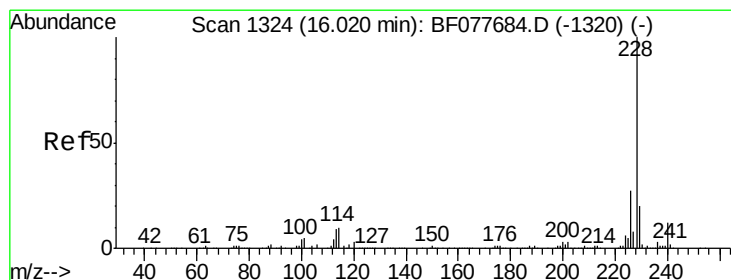
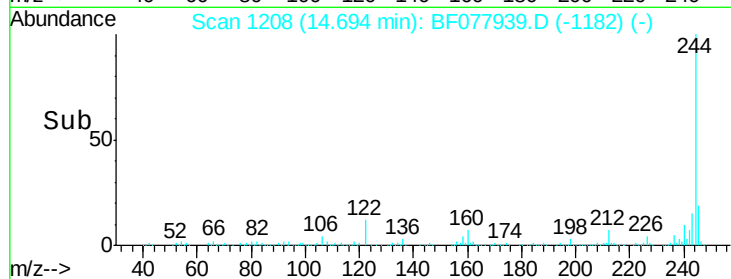
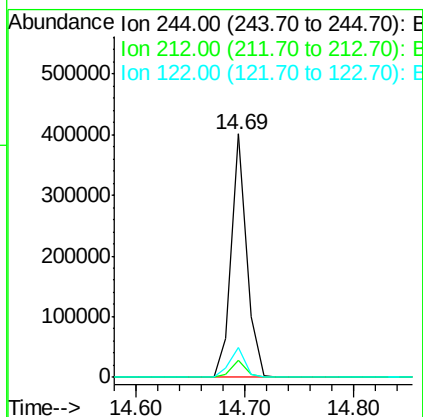
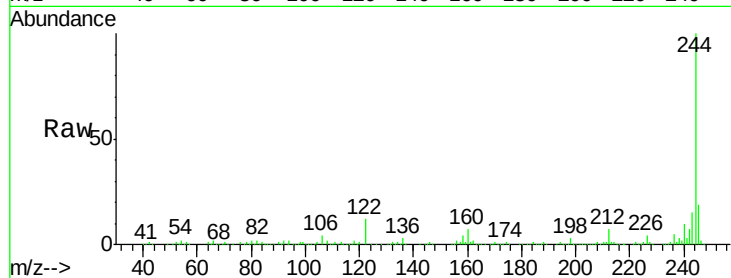




#78
 Terphenyl-d14
 Concen: 47.75 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

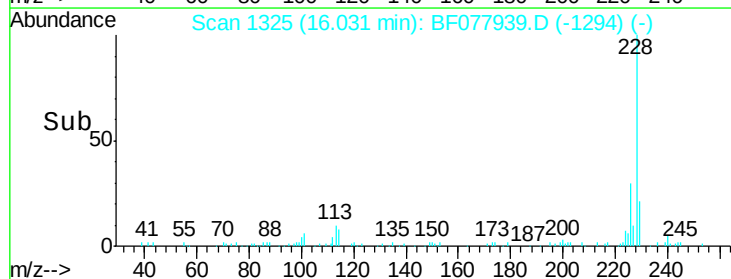
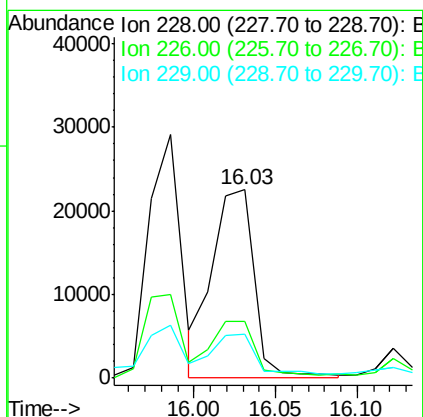
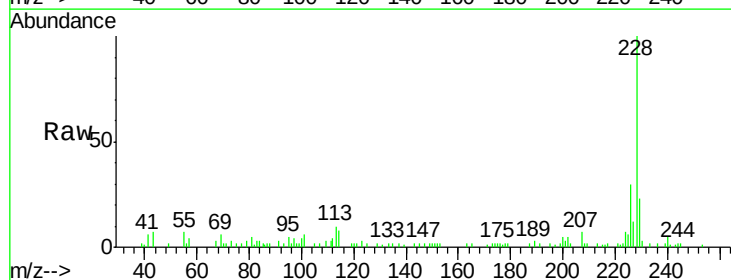
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-1

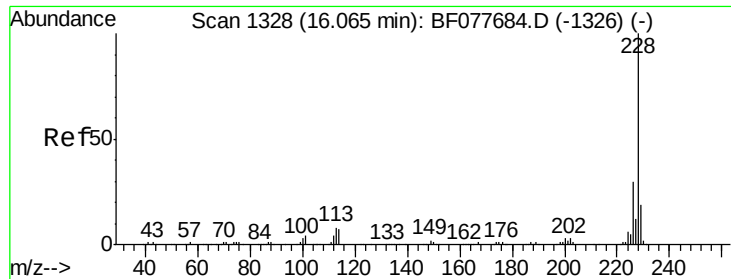
Tgt Ion: 244 Resp: 392138
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 12.4 6.2 9.4#



#80
 Benzo(a)anthracene
 Concen: 3.40 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.06 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

Tgt Ion: 228 Resp: 40449
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.7 32.5
 229 23.0 16.0 24.0

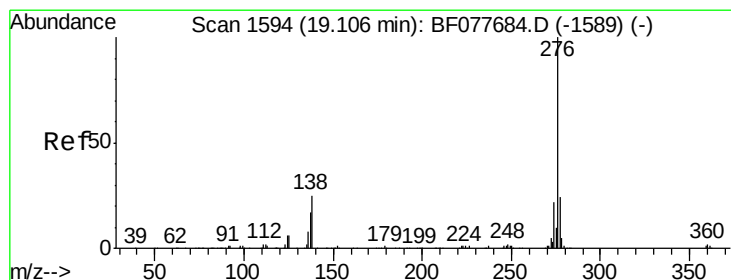
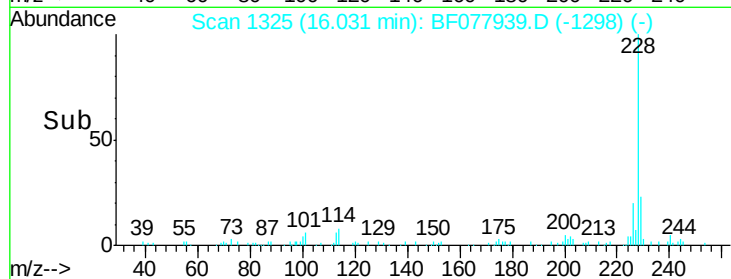
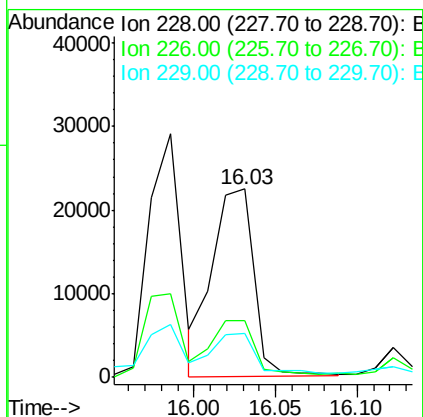
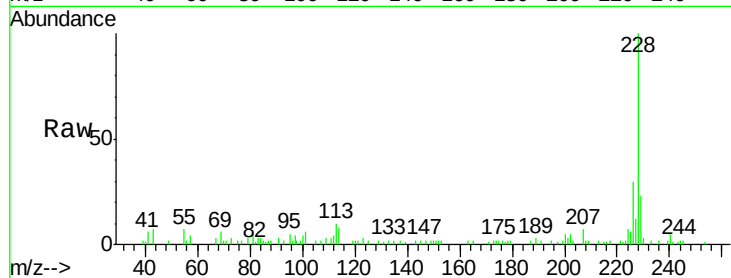




#82
Chrysene
Concen: 3.72 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

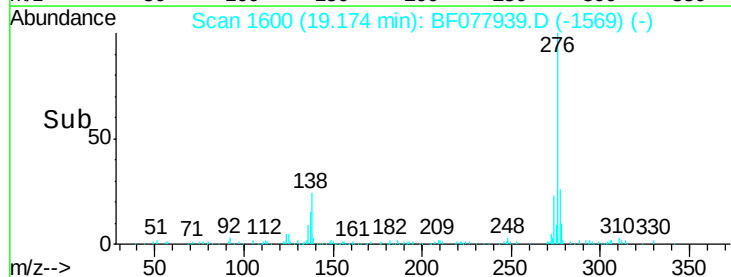
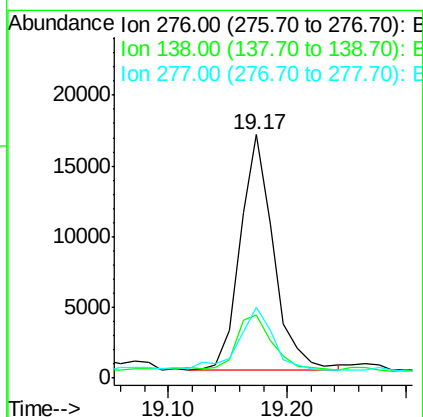
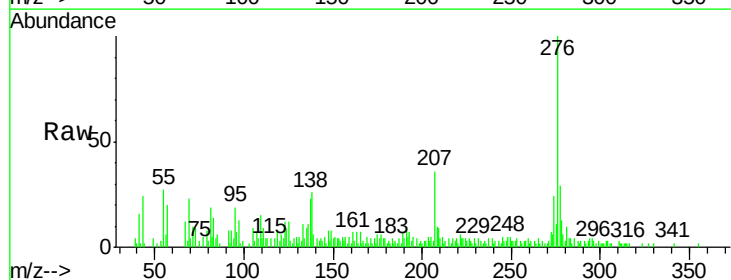
Instrument :
BNA_F
ClientSampleId :
SB-17-1

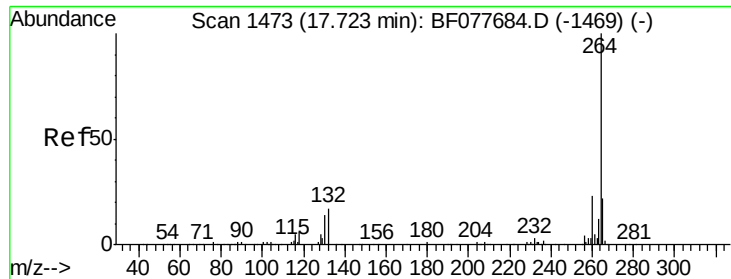
Tgt Ion: 228 Resp: 39799
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 23.0 15.5 23.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.43 ng
RT: 19.17 min Scan# 1600
Delta R.T. 0.06 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion: 276 Resp: 32427
Ion Ratio Lower Upper
276 100
138 25.0 0.0 0.0#
277 28.4 0.0 0.0#

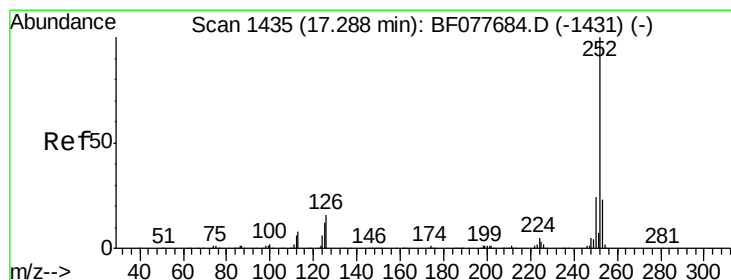
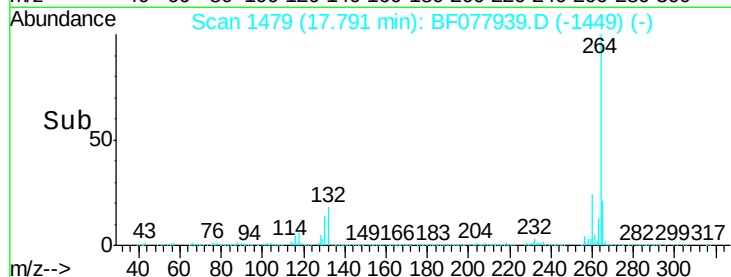
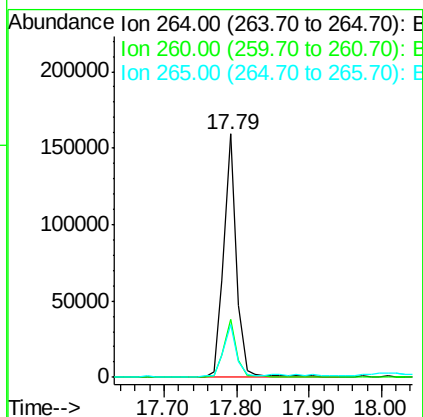
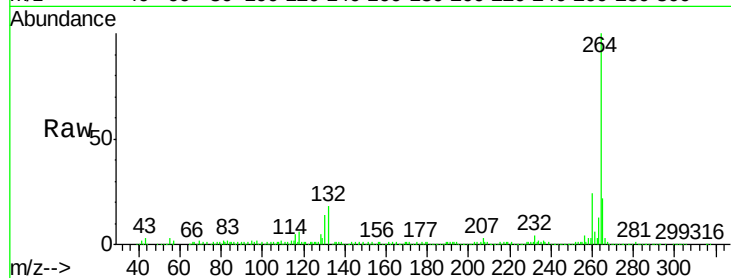




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

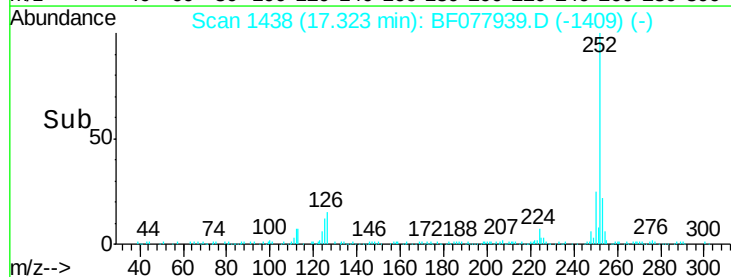
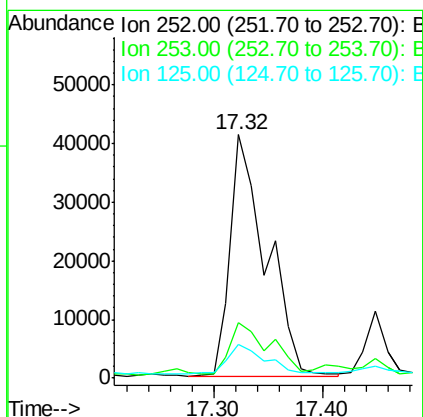
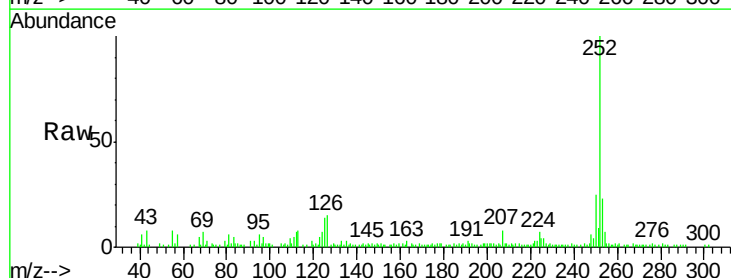
Instrument :
BNA_F
ClientSampleId :
SB-17-1

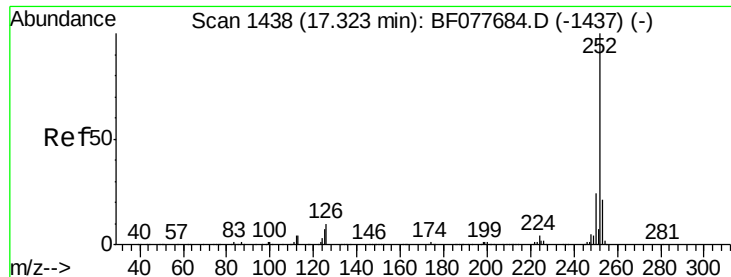
Tgt Ion: 264 Resp: 198033
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.8 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 7.32 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.03 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion: 252 Resp: 94604
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.6 9.9 14.9





#88

Benzo(k)fluoranthene

Concen: 9.37 ng

RT: 17.32 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

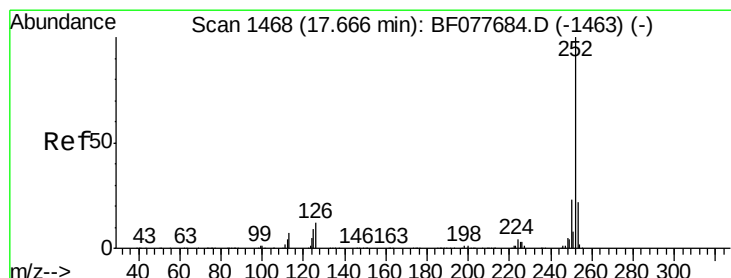
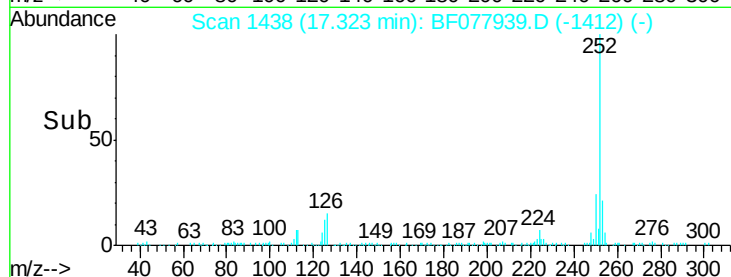
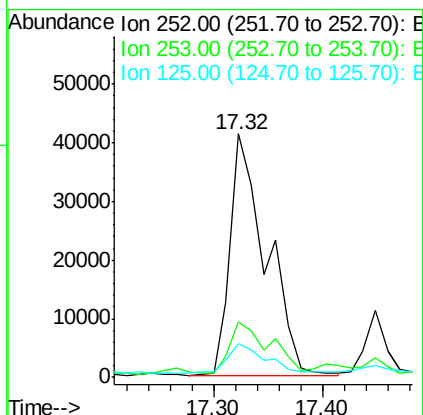
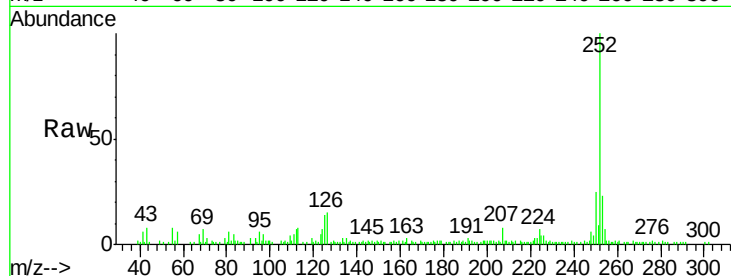
Instrument :

BNA_F

ClientSampleId :

SB-17-1

Tgt Ion:	252	Resp:	94604
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	13.6	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 4.52 ng

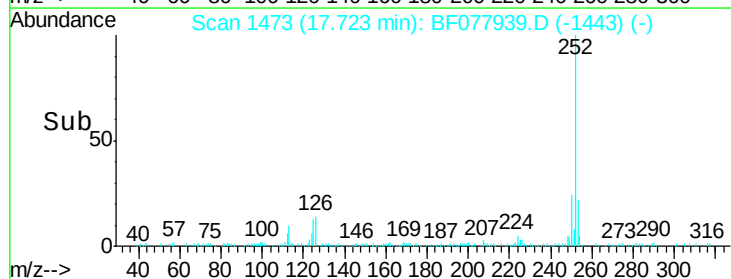
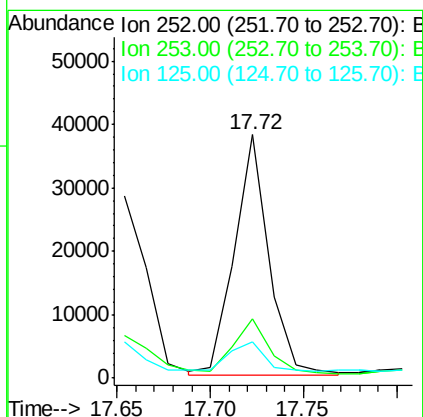
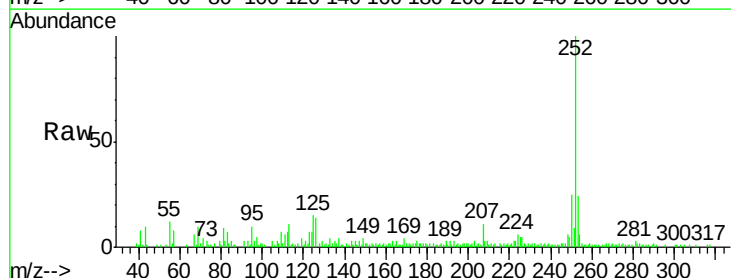
RT: 17.72 min Scan# 1473

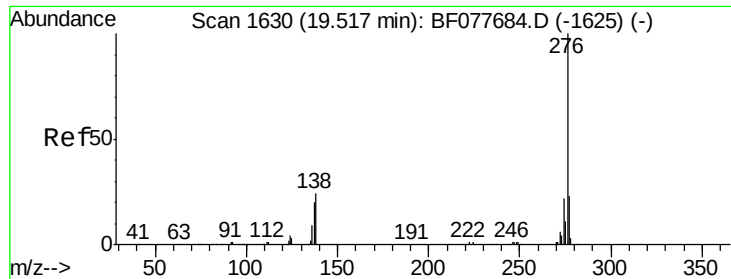
Delta R.T. 0.05 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Tgt Ion:	252	Resp:	48757
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.6	26.4
125	14.9	7.4	11.2#





#91

Benzo(g,h,i)perylene

Concen: 2.77 ng

RT: 19.57 min Scan# 1635

Delta R.T. 0.06 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

ClientSampleId :

SB-17-1

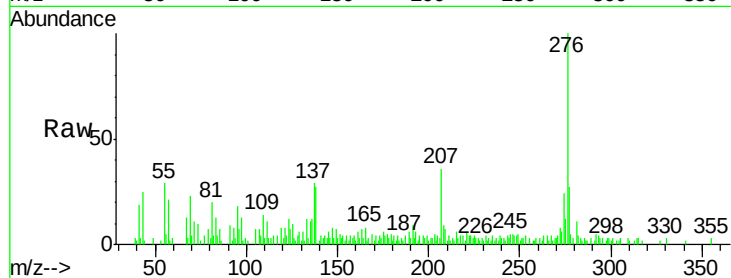
Tgt Ion: 276 Resp: 30129

Ion Ratio Lower Upper

276 100

277 27.3 18.5 27.7

138 26.6 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

