

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
 Data File : BF077402.D
 Acq On : 23 Feb 2015 13:47
 Operator : TP/IZ
 Sample : G1295-02DL2 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115DL2

Quant Time: Feb 24 00:09:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

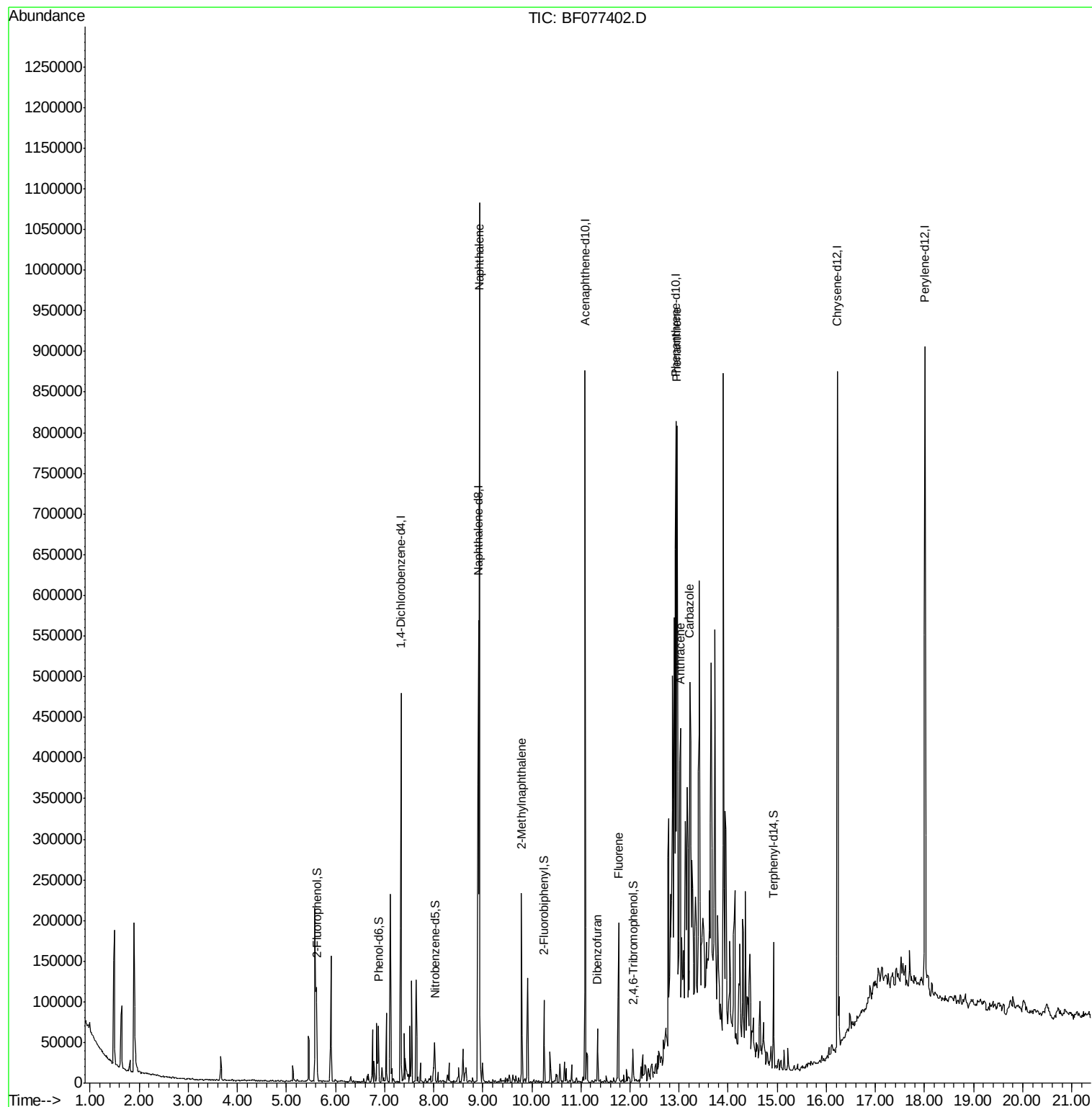
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	81953	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	326057	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	173361	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	353986	20.00	ng	0.00
75) Chrysene-d12	16.23	240	381293	20.00	ng	-0.03
86) Perylene-d12	18.01	264	377689	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	19067	3.88	ng	0.00
7) Phenol-d6	6.88	99	26640	4.22	ng	-0.01
23) Nitrobenzene-d5	8.02	82	14837	2.83	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	5821	3.49	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	36541	3.29	ng	-0.01
78) Terphenyl-d14	14.92	244	47402	2.91	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.93	128	476243	29.21	ng	99
37) 2-Methylnaphthalene	9.79	142	63300	5.47	ng	98
54) Dibenzofuran	11.33	168	32304	2.15	ng	97
57) Fluorene	11.77	166	69077	5.75	ng	99
70) Phenanthrene	12.96	178	224998	10.97	ng	99
71) Anthracene	13.03	178	154403	7.58	ng	97
72) Carbazole	13.22	167	176631	9.12	ng	98

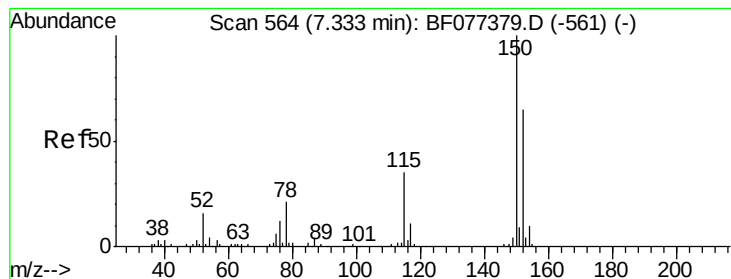
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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Response via : Initial Calibration



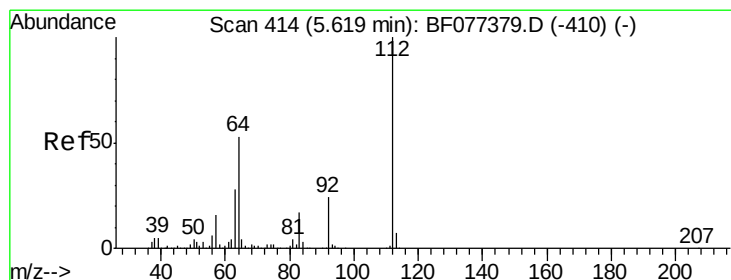
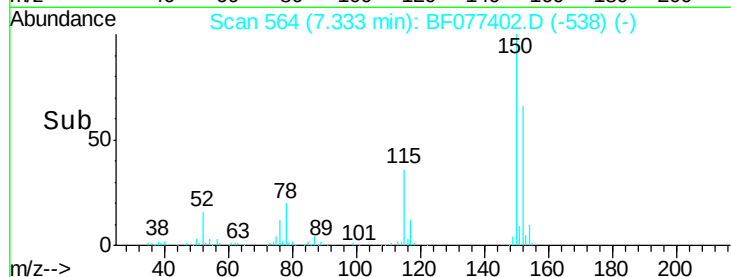
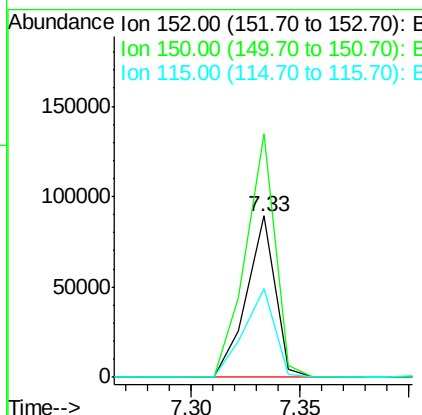
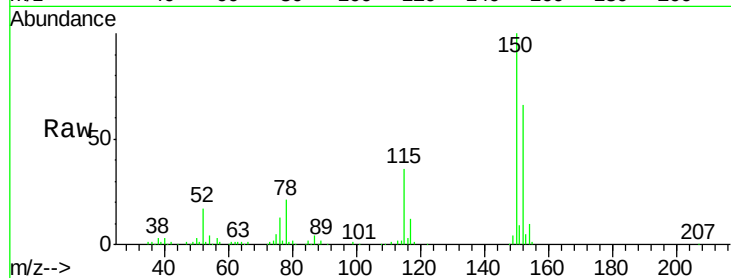


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF077402.D
 Acq: 23 Feb 2015 13:47

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115DL2

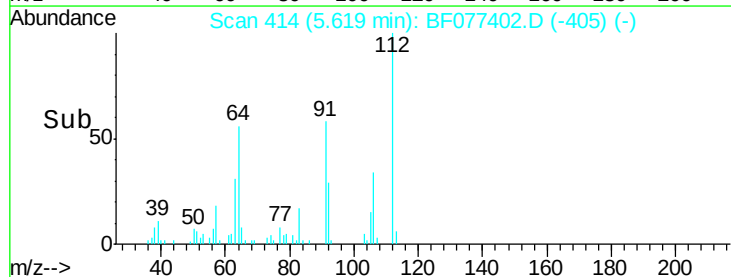
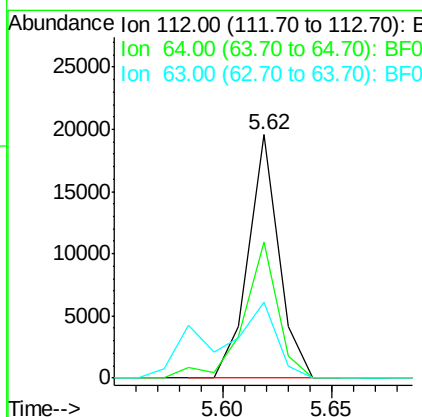
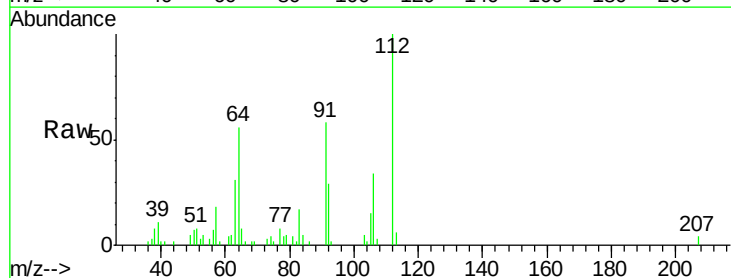
Tgt Ion:152 Resp: 81953
 Ion Ratio Lower Upper
 152 100
 150 150.8 124.0 186.0
 115 54.7 49.4 74.2

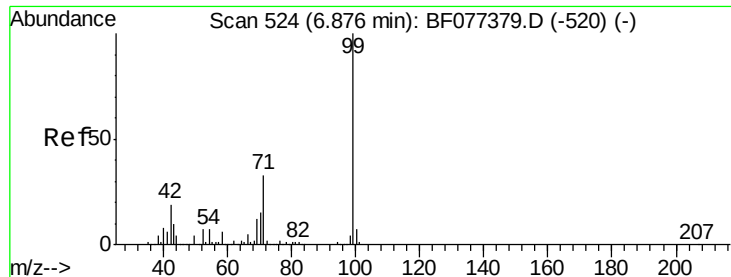


#5

2-Fluorophenol
 Concen: 3.88 ng
 RT: 5.62 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF077402.D
 Acq: 23 Feb 2015 13:47

Tgt Ion:112 Resp: 19067
 Ion Ratio Lower Upper
 112 100
 64 56.0 48.5 72.7
 63 31.3 25.0 37.4





#7

Phenol-d6

Concen: 4.22 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115DL2

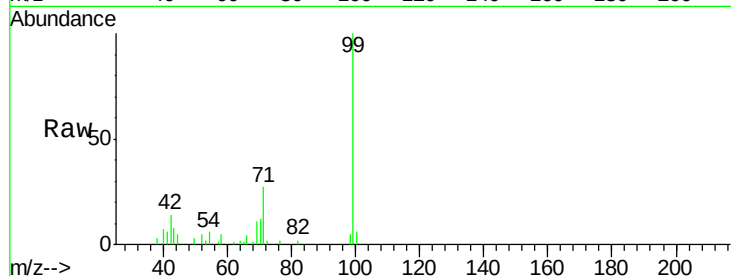
Tgt Ion: 99 Resp: 26640

Ion Ratio Lower Upper

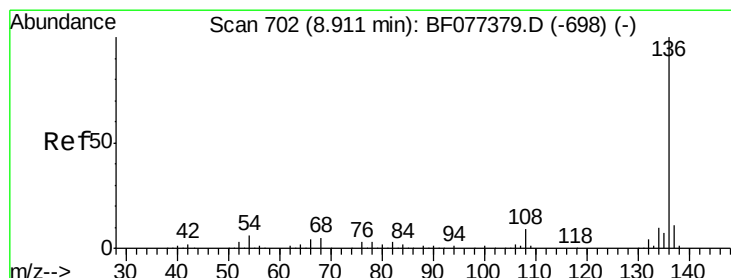
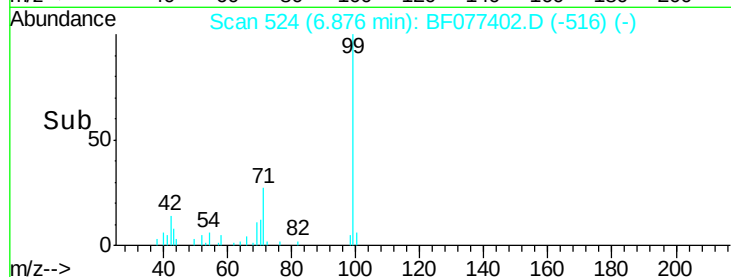
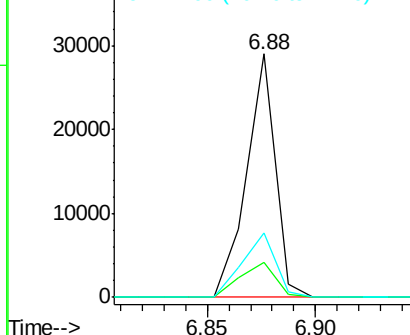
99 100

42 14.4 16.2 24.4#

71 26.7 26.7 40.1#



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: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

Tgt Ion: 136 Resp: 326057

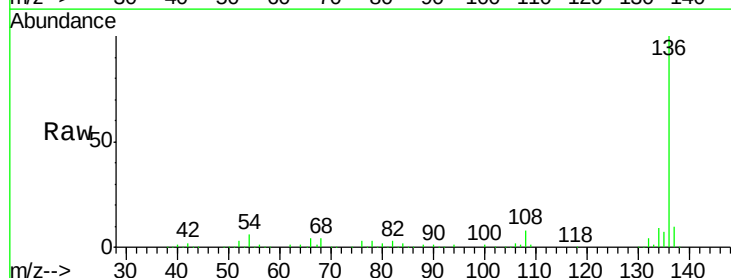
Ion Ratio Lower Upper

136 100

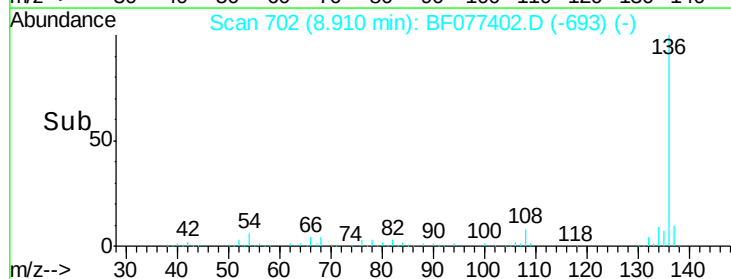
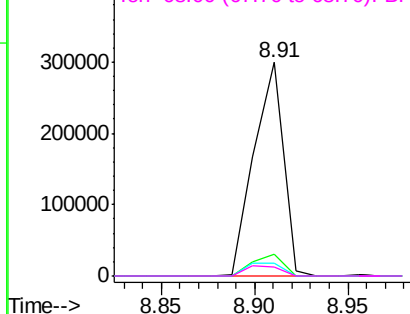
137 10.3 8.6 13.0

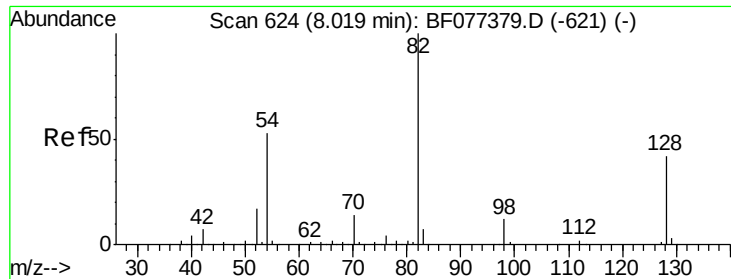
54 6.0 6.2 9.4#

68 4.4 5.0 7.6#



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

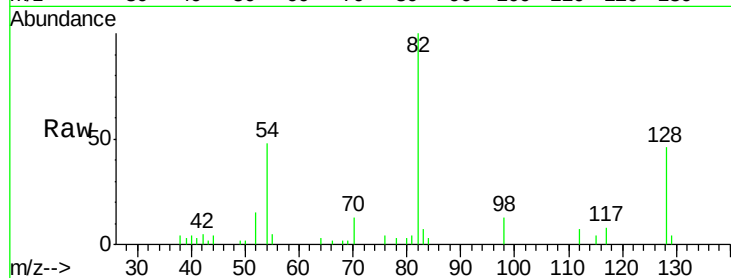




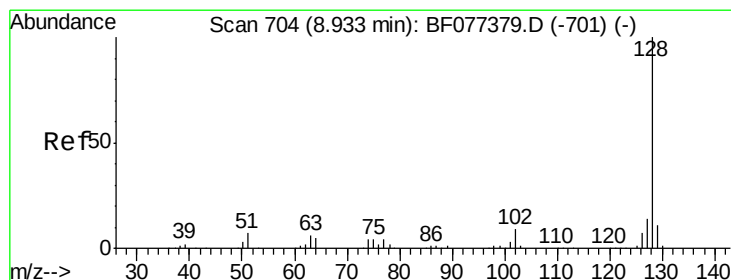
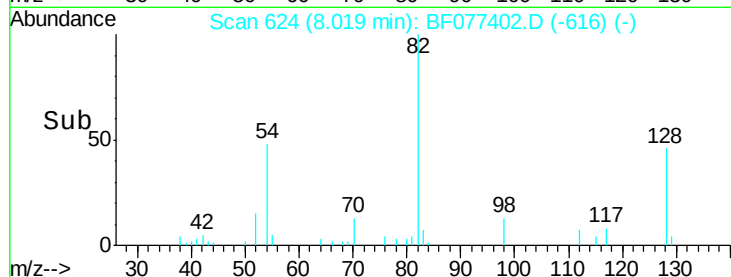
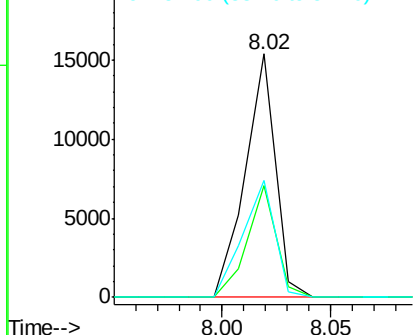
#23
Nitrobenzene-d5
Concen: 2.83 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion: 82 Resp: 14837
Ion Ratio Lower Upper
82 100
128 46.0 43.8 65.8
54 48.2 36.7 55.1

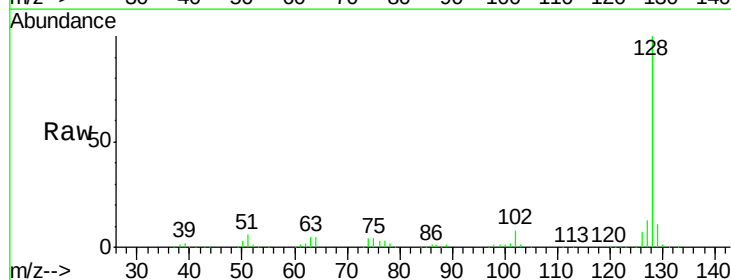


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

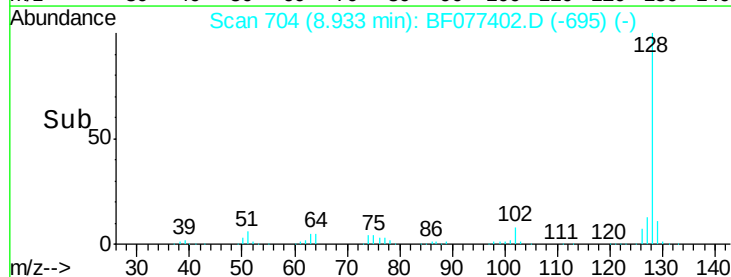
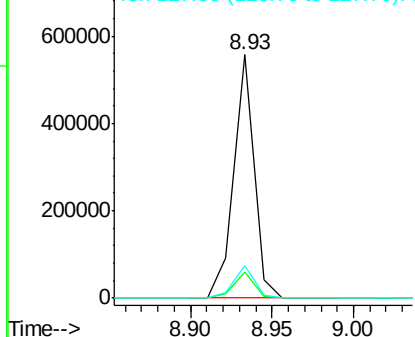


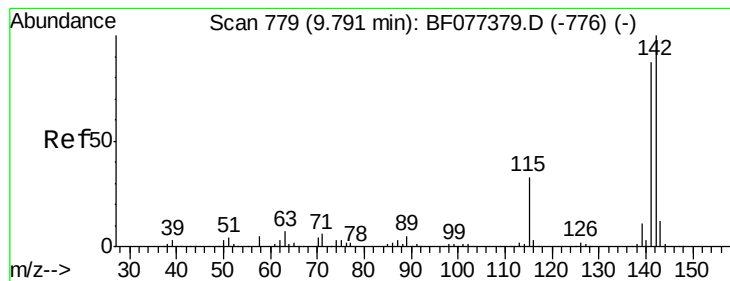
#31
Naphthalene
Concen: 29.21 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion: 128 Resp: 476243
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.4 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 5.47 ng

RT: 9.79 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115DL2

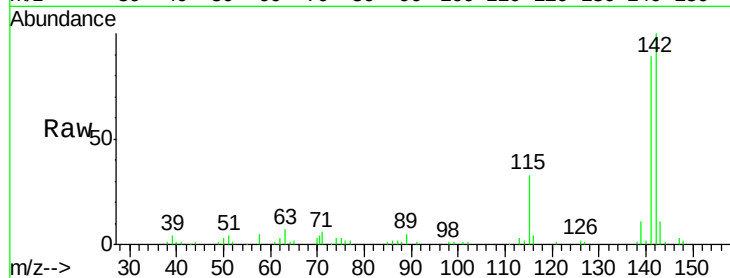
Tgt Ion:142 Resp: 63300

Ion Ratio Lower Upper

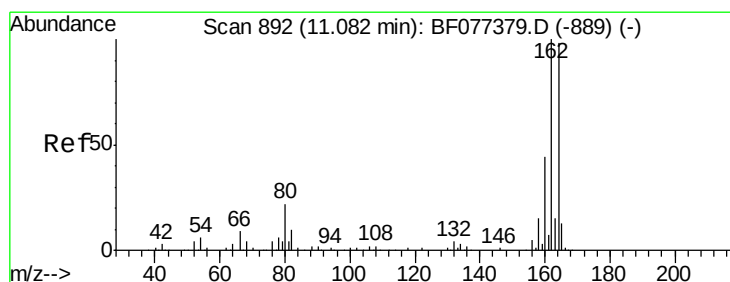
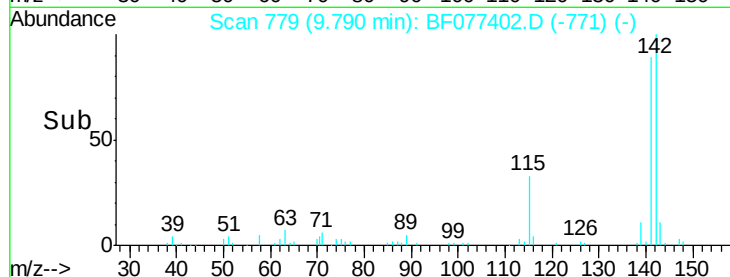
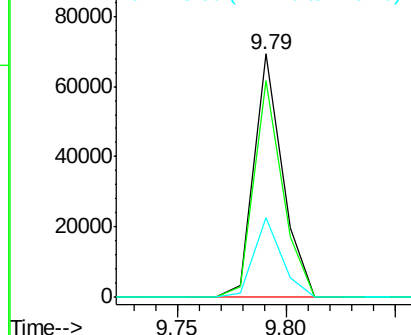
142 100

141 89.1 70.7 106.1

115 32.8 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

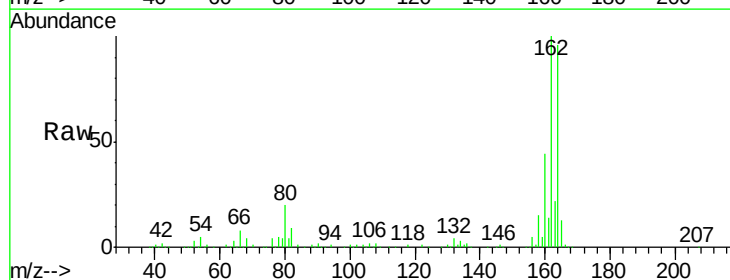
Tgt Ion:164 Resp: 173361

Ion Ratio Lower Upper

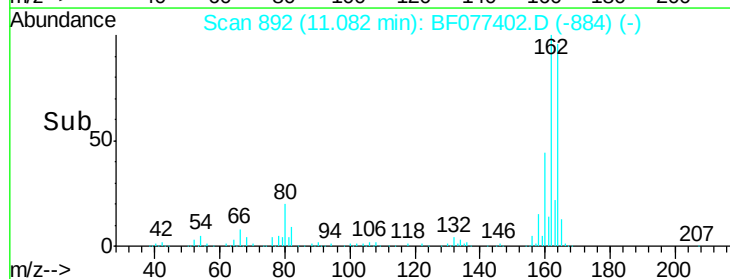
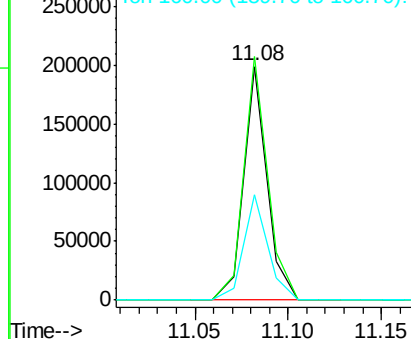
164 100

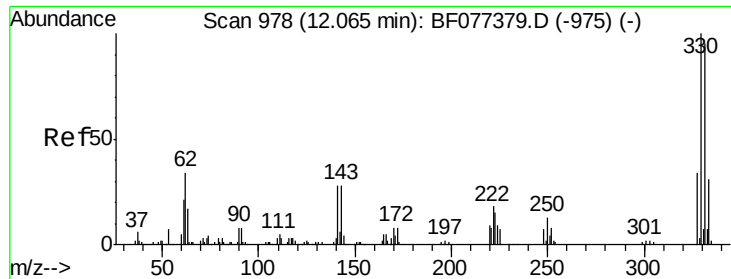
162 104.0 83.2 124.8

160 45.3 34.6 52.0



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

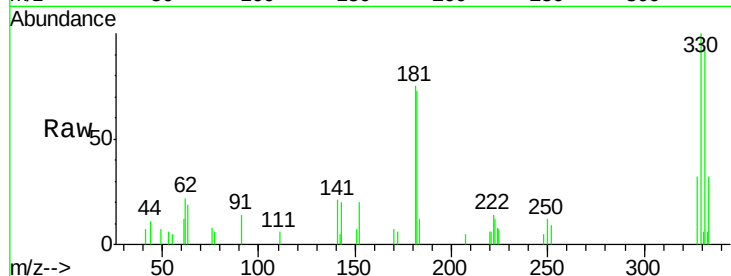




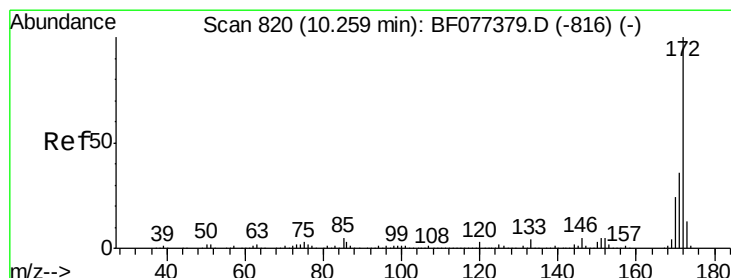
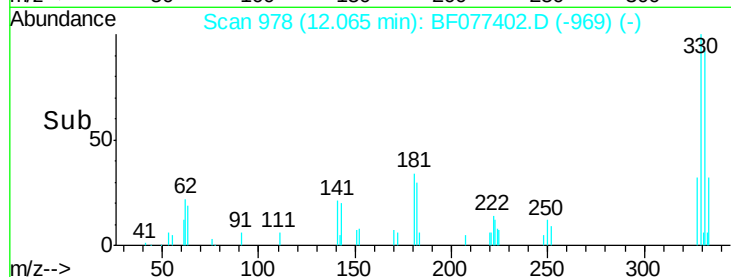
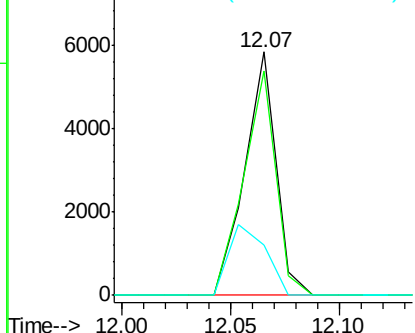
#41
 2,4,6-Tribromophenol
 Concen: 3.49 ng
 RT: 12.07 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077402.D
 Acq: 23 Feb 2015 13:47

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115DL2

Tgt Ion:330 Resp: 5821
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 34.4 28.8 43.2

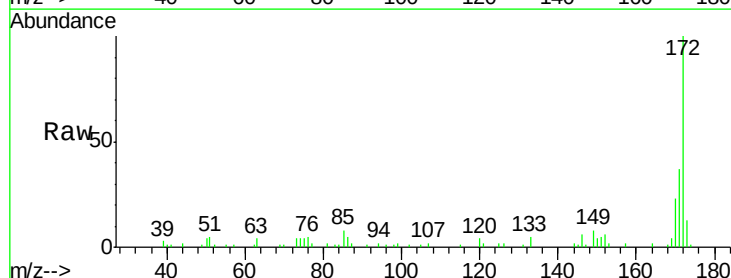


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

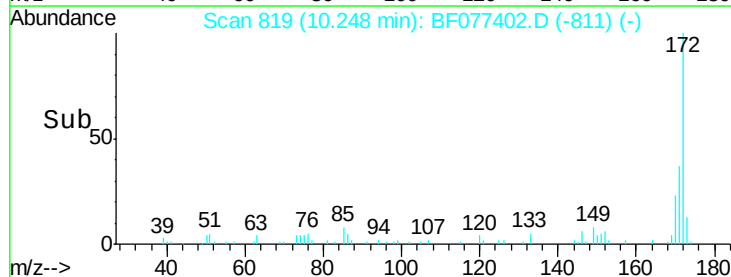
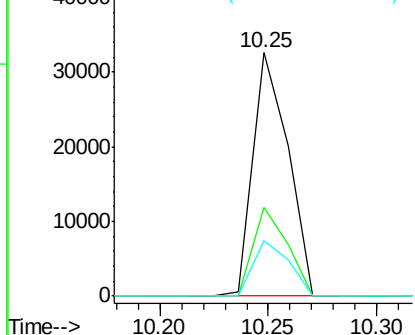


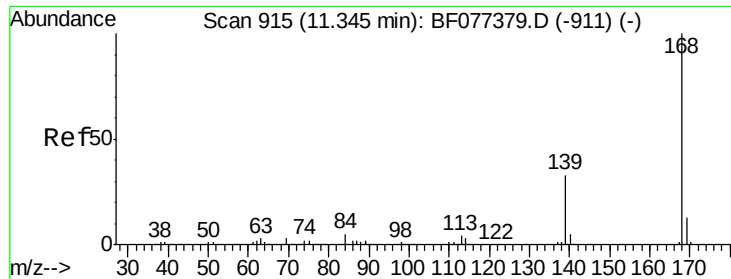
#44
 2-Fluorobiphenyl
 Concen: 3.29 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF077402.D
 Acq: 23 Feb 2015 13:47

Tgt Ion:172 Resp: 36541
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 22.8 19.4 29.2



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

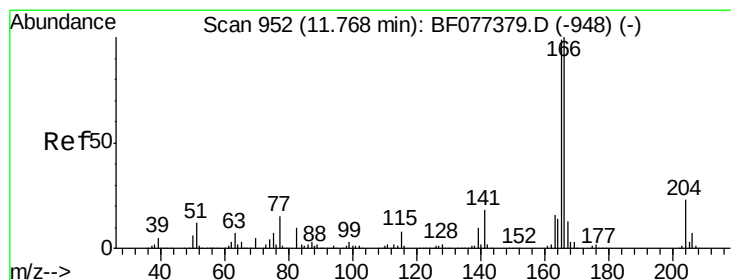
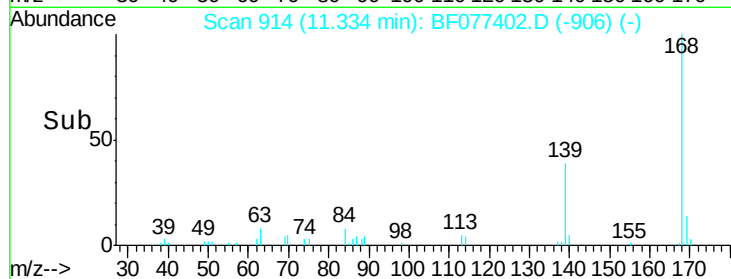
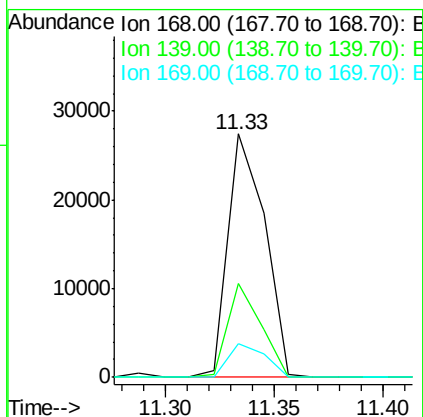
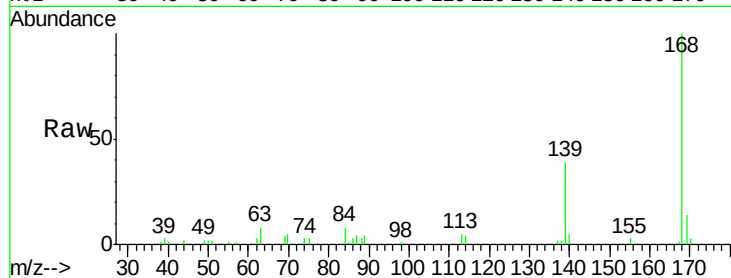




#54
Dibenzenofuran
Concen: 2.15 ng
RT: 11.33 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

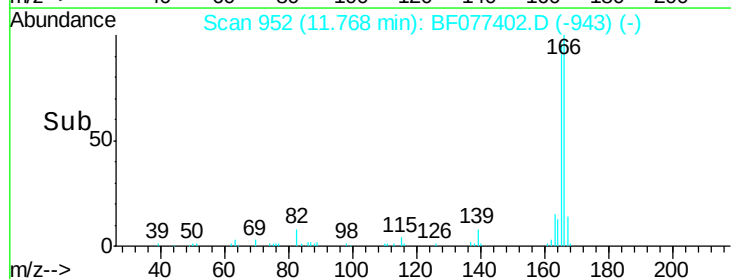
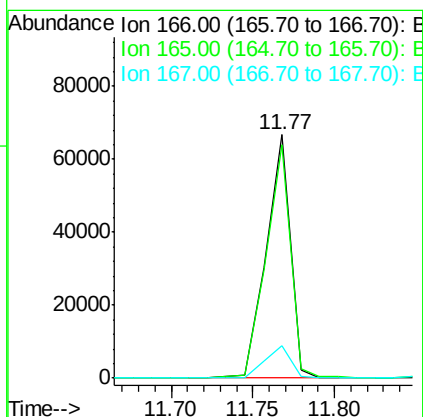
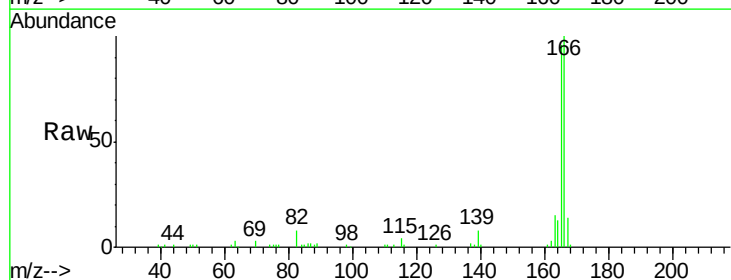
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

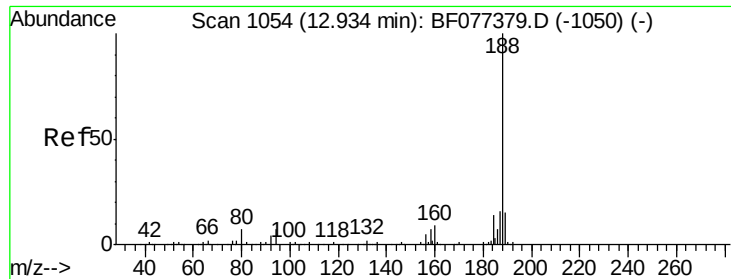
Tgt Ion:168 Resp: 32304
Ion Ratio Lower Upper
168 100
139 38.8 29.3 43.9
169 13.9 10.9 16.3



#57
Fluorene
Concen: 5.75 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:166 Resp: 69077
Ion Ratio Lower Upper
166 100
165 96.1 77.6 116.4
167 13.5 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.93 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115DL2

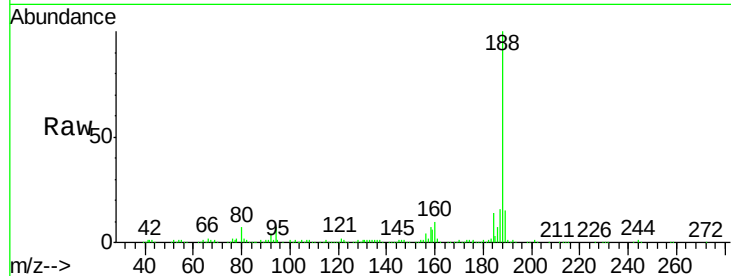
Tgt Ion:188 Resp: 353986

Ion Ratio Lower Upper

188 100

94 6.8 7.4 11.2#

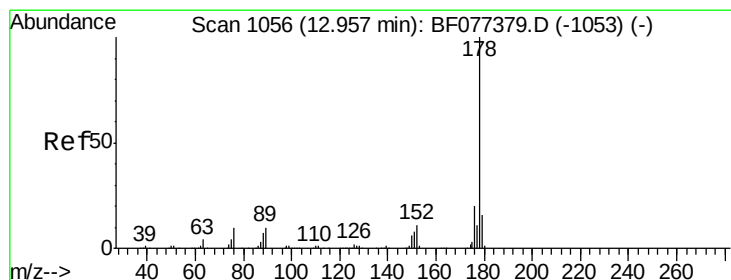
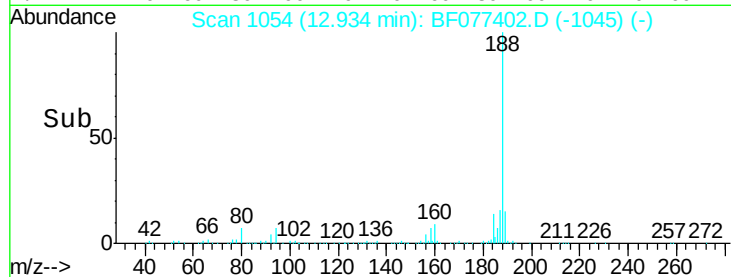
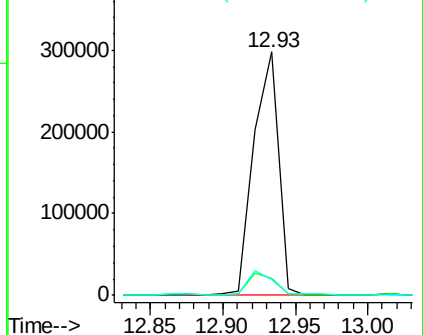
80 6.7 8.0 12.0#



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: 10.97 ng

RT: 12.96 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

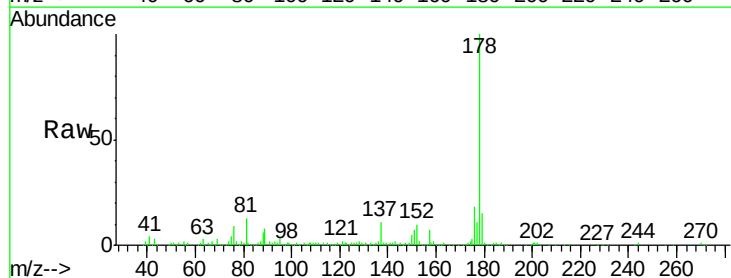
Tgt Ion:178 Resp: 224998

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

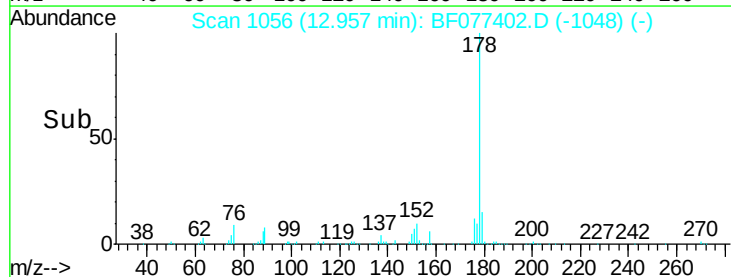
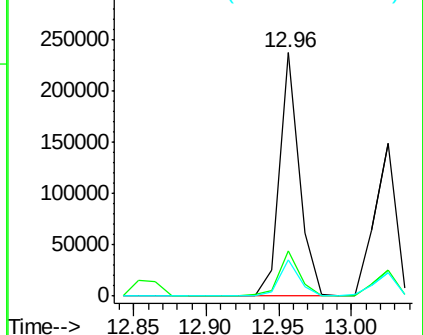
179 15.1 12.2 18.2

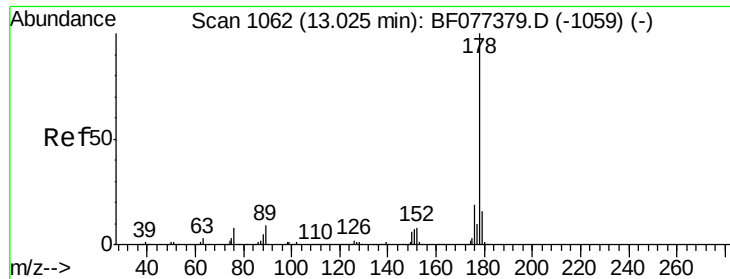


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

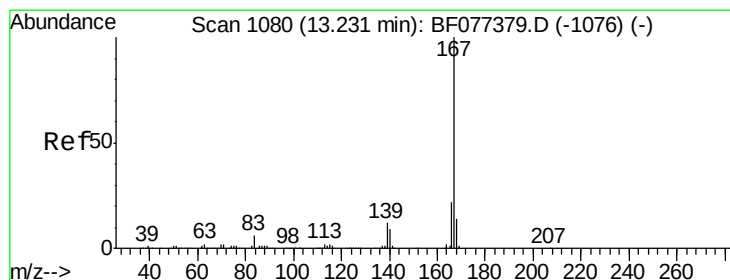
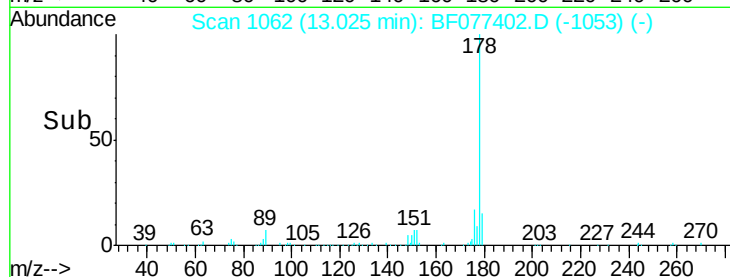
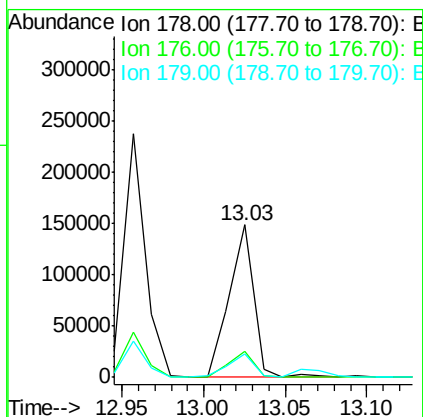
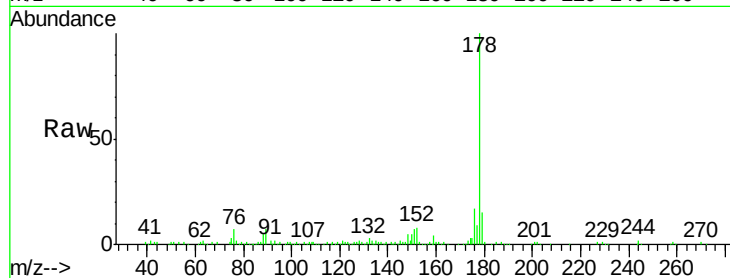




#71
 Anthracene
 Concen: 7.58 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF077402.D
 Acq: 23 Feb 2015 13:47

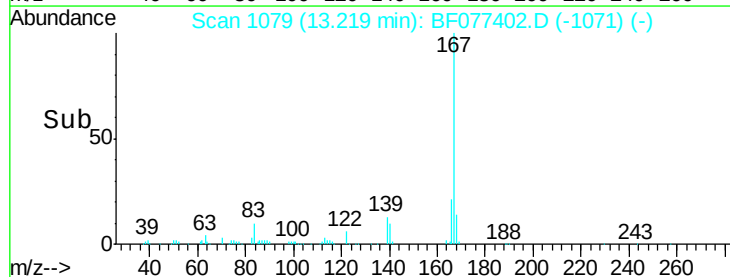
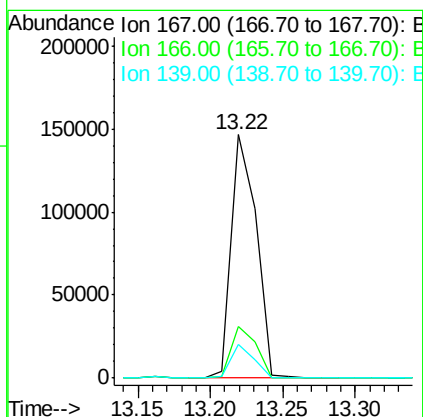
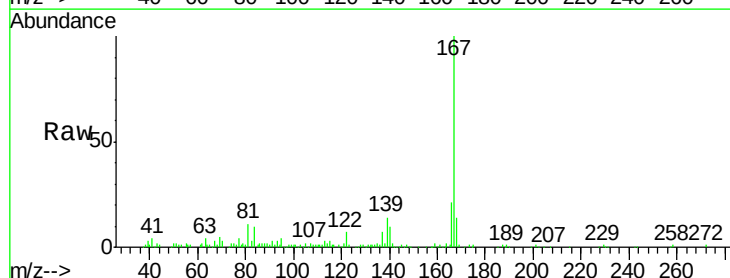
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115DL2

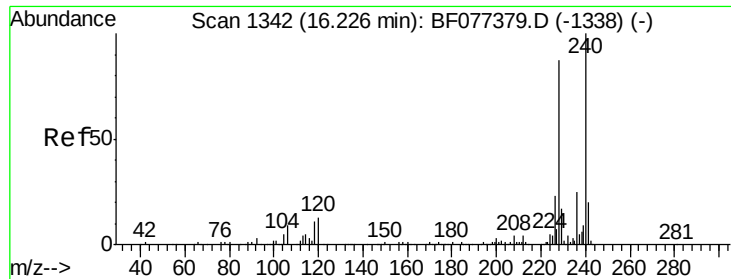
Tgt Ion:178 Resp: 154403
 Ion Ratio Lower Upper
 178 100
 176 17.4 15.4 23.0
 179 15.3 12.9 19.3



#72
 Carbazole
 Concen: 9.12 ng
 RT: 13.22 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF077402.D
 Acq: 23 Feb 2015 13:47

Tgt Ion:167 Resp: 176631
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 14.0 9.9 14.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.23 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115DL2

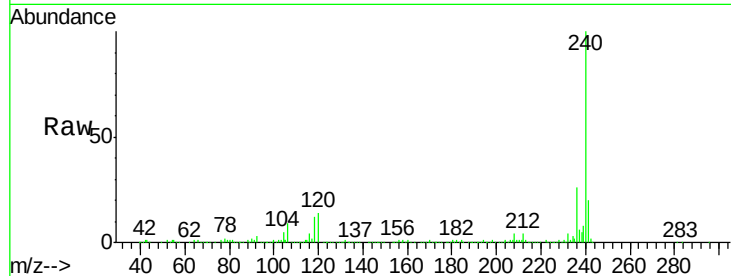
Tgt Ion:240 Resp: 381293

Ion Ratio Lower Upper

240 100

120 13.9 8.8 13.2#

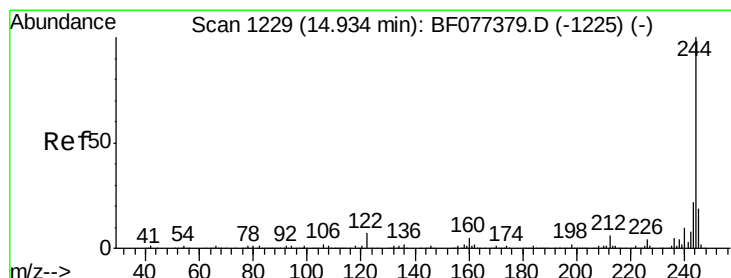
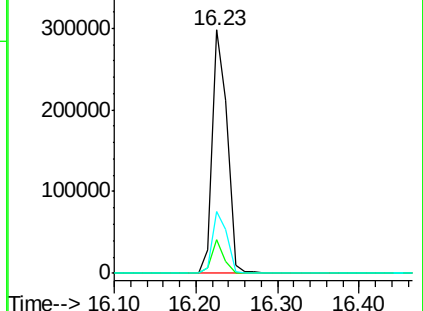
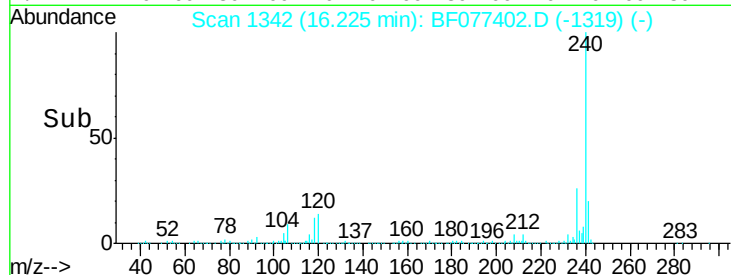
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 2.91 ng

RT: 14.92 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

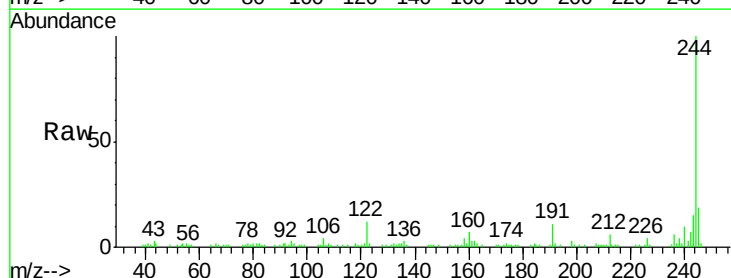
Tgt Ion:244 Resp: 47402

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

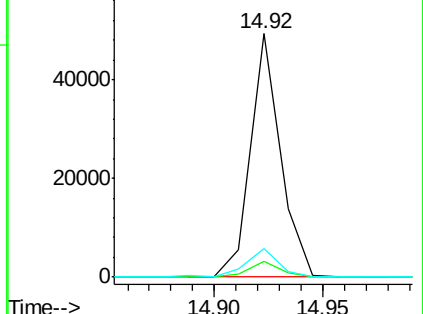
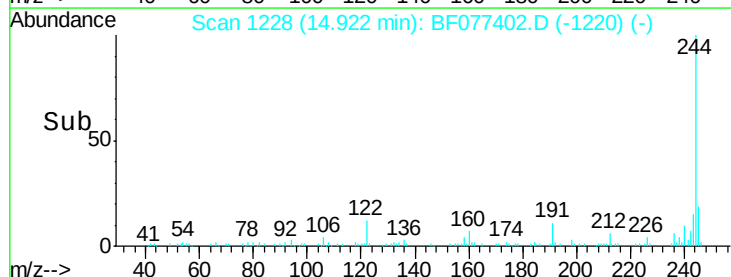
122 11.7 7.8 11.8

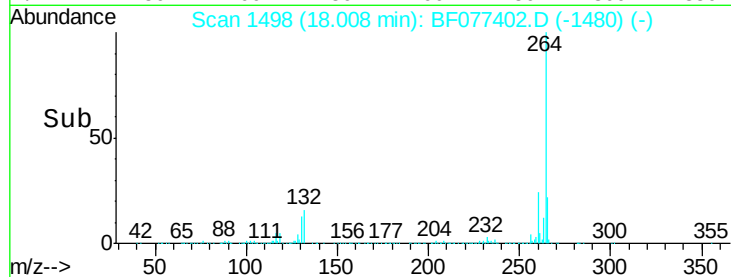
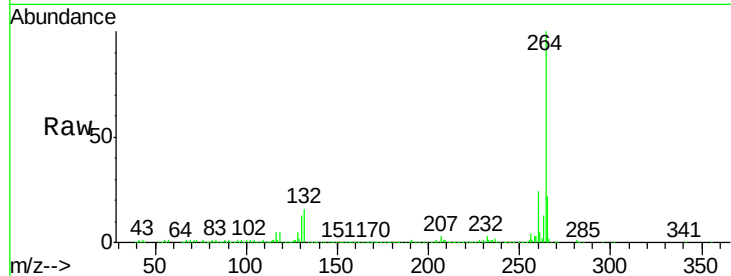
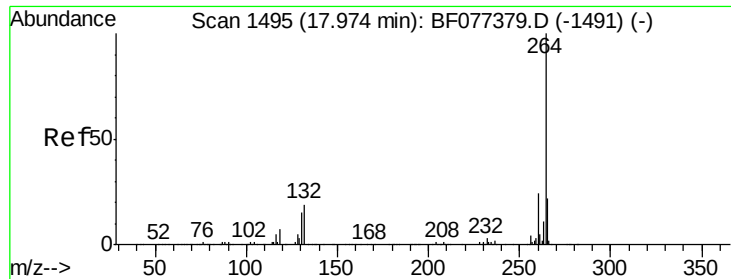


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.01 min Scan# 1498

Delta R.T. -0.09 min

Lab File: BF077402.D

Acq: 23 Feb 2015 13:47

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115DL2

Tgt Ion: 264 Resp: 377689

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.0 16.8 25.2

