

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
 Data File : BF077407.D
 Acq On : 23 Feb 2015 16:09
 Operator : TP/IZ
 Sample : G1345-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX2

Quant Time: Feb 24 00:10:33 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

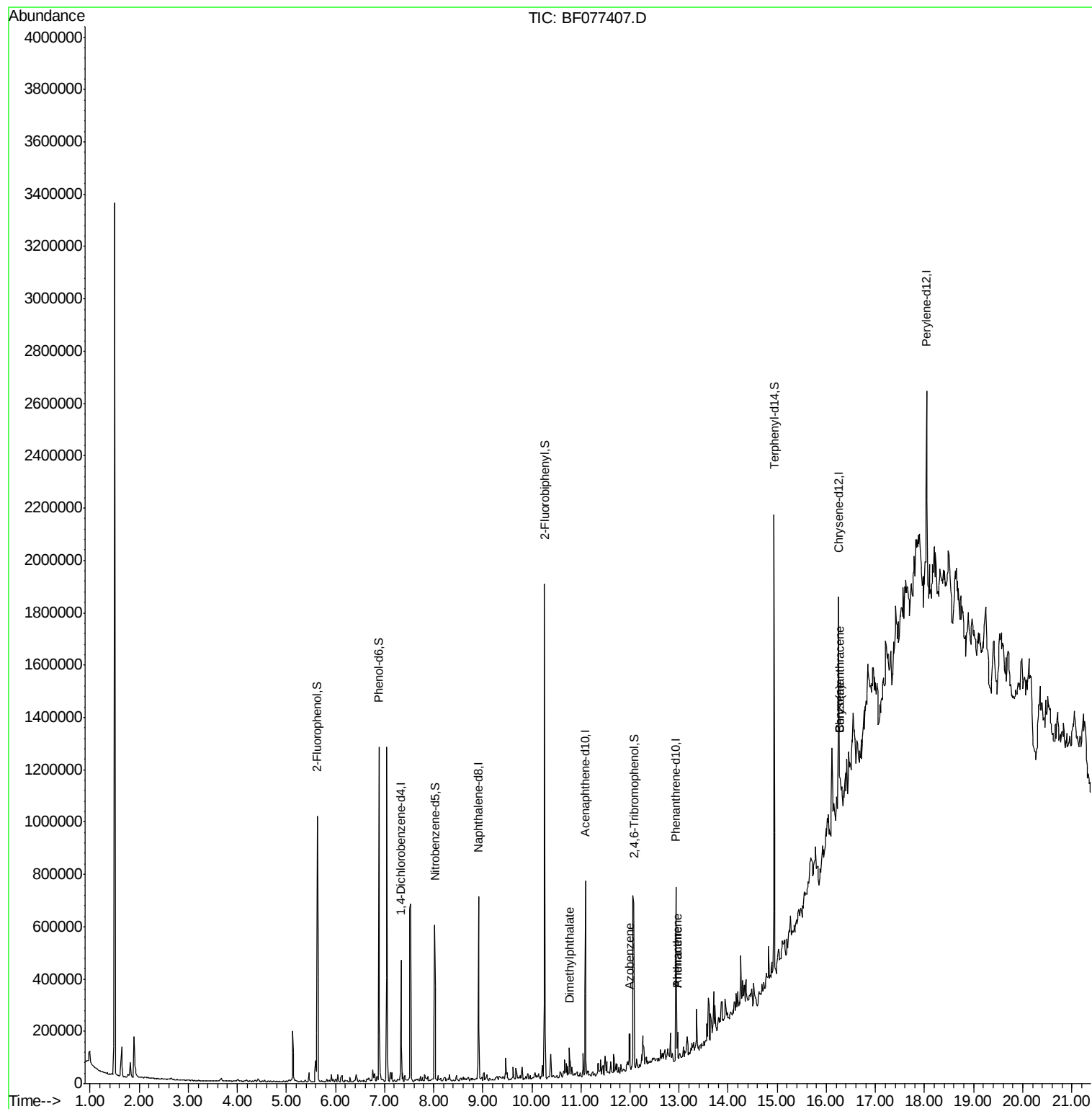
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	73116	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	302669	20.00	ng	0.00
38) Acenaphthene-d10	11.09	164	161735	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	313541	20.00	ng	0.00
75) Chrysene-d12	16.25	240	332105	20.00	ng	-0.01
86) Perylene-d12	18.04	264	311897	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	323855	73.94	ng	0.01
7) Phenol-d6	6.89	99	411196	73.02	ng	0.00
23) Nitrobenzene-d5	8.02	82	226481	46.53	ng	-0.01
41) 2,4,6-Tribromophenol	12.08	330	114774	73.70	ng	0.01
44) 2-Fluorobiphenyl	10.26	172	567435	54.71	ng	0.00
78) Terphenyl-d14	14.93	244	634983	44.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.76	163	42834	3.77	ng	98
62) Azobenzene	11.99	77	36841	3.46	ng	# 1
70) Phenanthrene	12.97	178	43340	2.38	ng	98
71) Anthracene	12.97	178	42284	2.34	ng	99
80) Benzo(a)anthracene	16.28	228	56957	2.93	ng	# 73
82) Chrysene	16.28	228	58724	3.21	ng	# 79

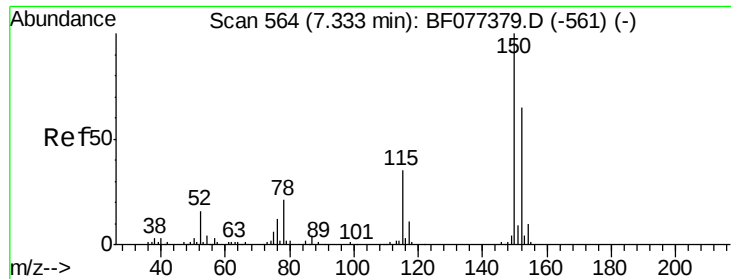
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077407.D
Acq On : 23 Feb 2015 16:09
Operator : TP/IZ
Sample : G1345-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UB10PX2

Quant Time: Feb 24 00:10:33 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



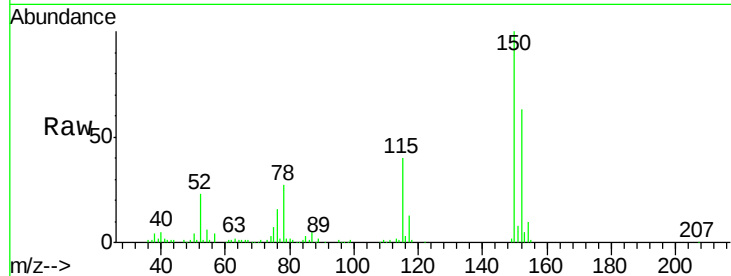


#1

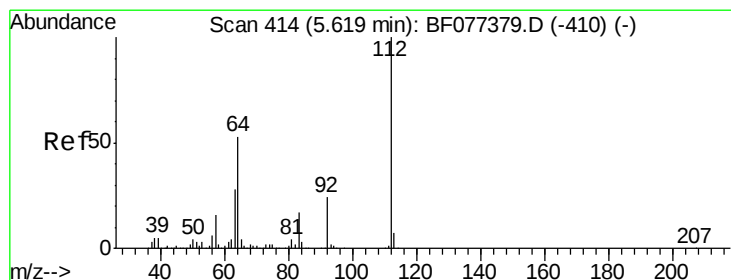
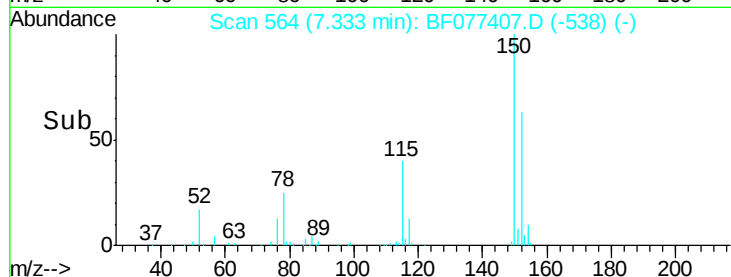
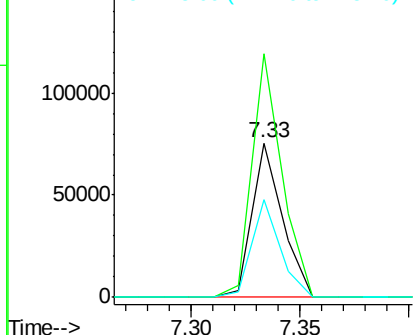
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077407.D
Acq: 23 Feb 2015 16:09

Instrument :
BNA_F
ClientSampleId :
UB10PX2

Tgt Ion:152 Resp: 73116
Ion Ratio Lower Upper
152 100
150 158.0 124.0 186.0
115 63.1 49.4 74.2



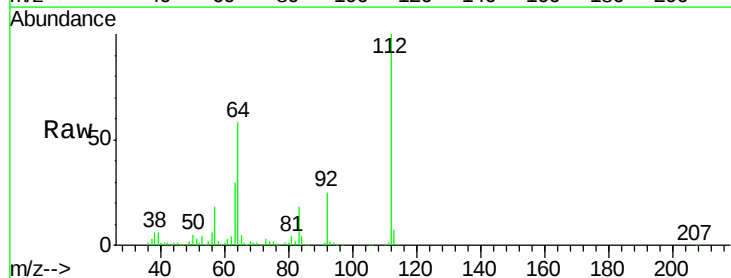
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



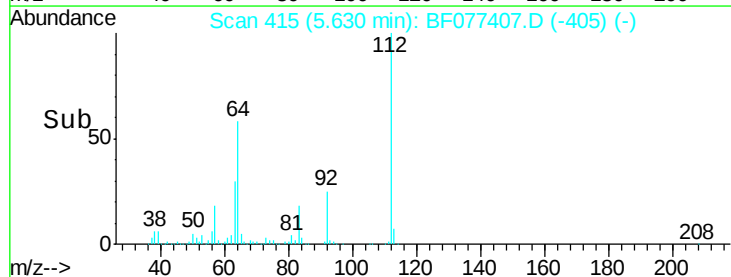
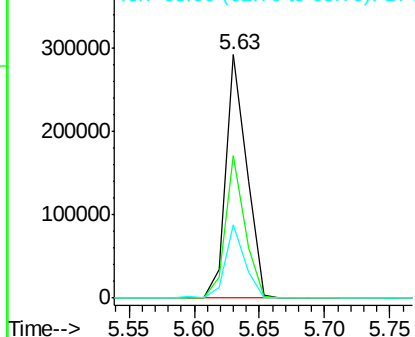
#5

2-Fluorophenol
Concen: 73.94 ng
RT: 5.63 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF077407.D
Acq: 23 Feb 2015 16:09

Tgt Ion:112 Resp: 323855
Ion Ratio Lower Upper
112 100
64 58.4 48.5 72.7
63 30.4 25.0 37.4



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: 73.02 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

Instrument :

BNA_F

ClientSampleId :

UB10PX2

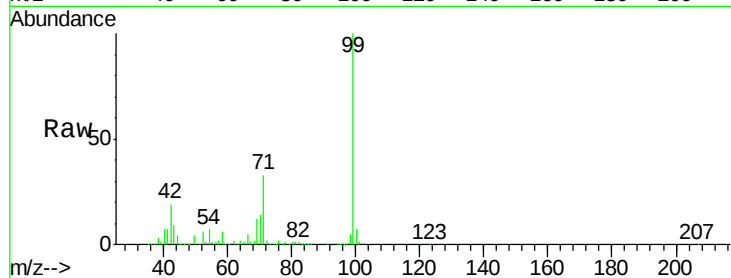
Tgt Ion: 99 Resp: 411196

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.4

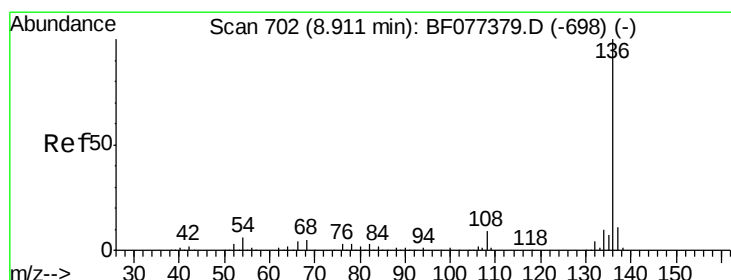
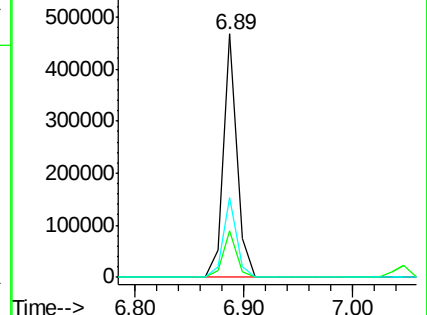
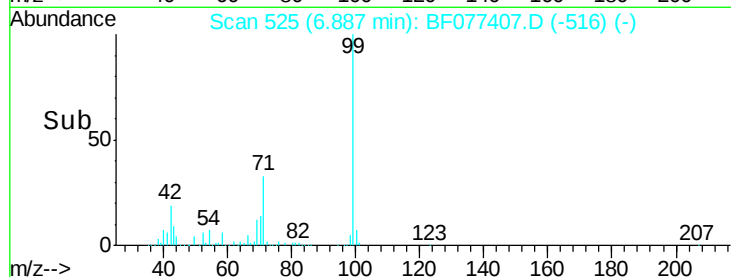
71 33.0 26.7 40.1



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: BF077407.D

Acq: 23 Feb 2015 16:09

Tgt Ion: 136 Resp: 302669

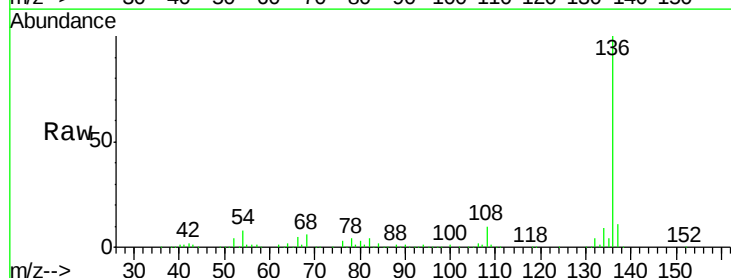
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.0 6.2 9.4

68 6.5 5.0 7.6

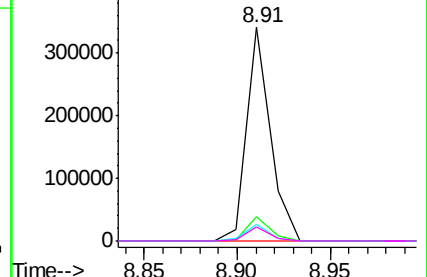
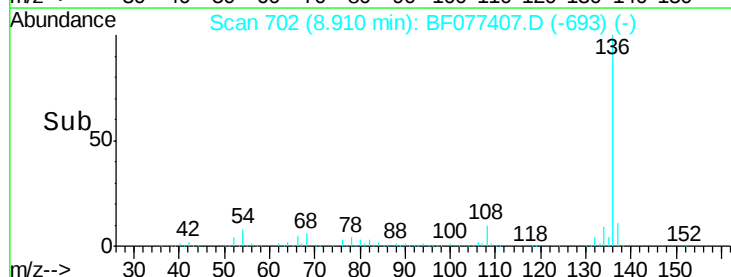


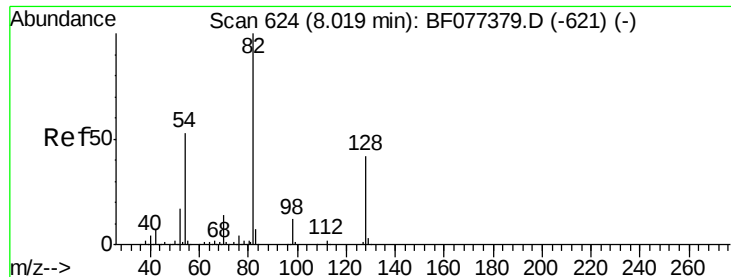
Abundance Ion 136.00 (135.70 to 136.70): E

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

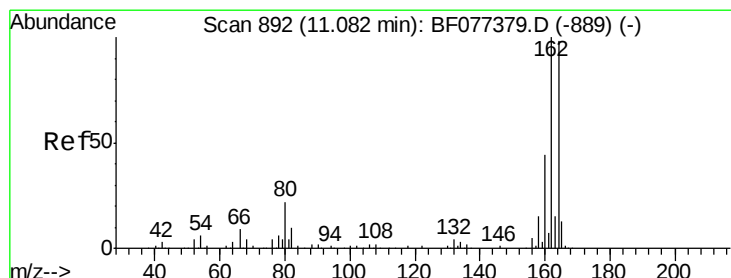
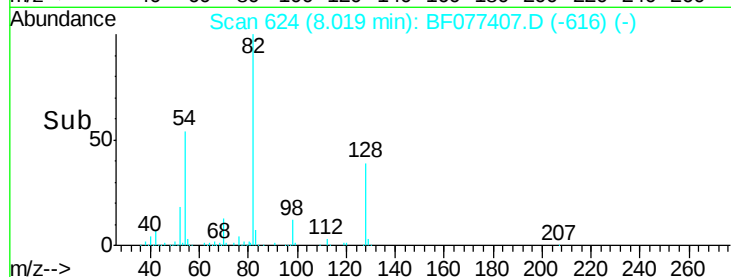
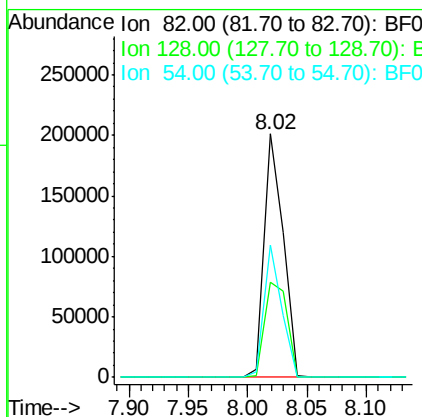
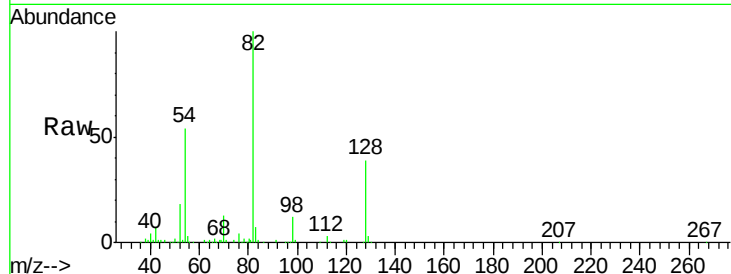




#23
 Nitrobenzene-d5
 Concen: 46.53 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077407.D
 Acq: 23 Feb 2015 16:09

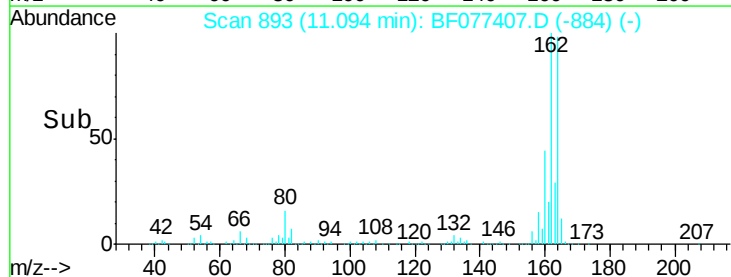
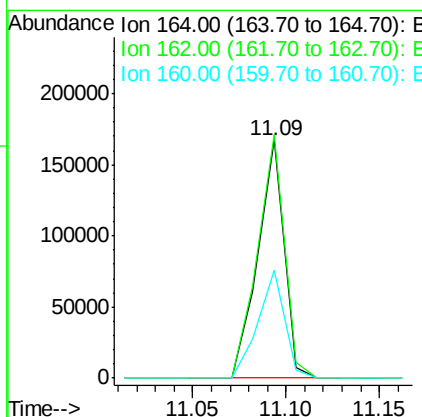
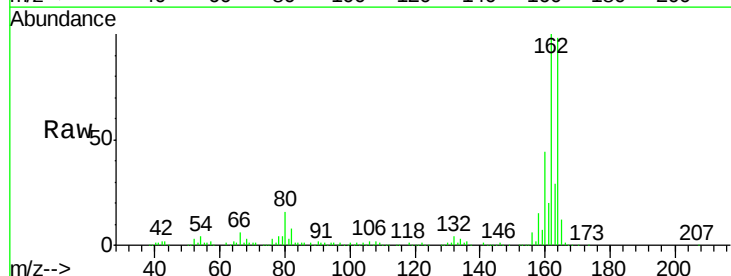
Instrument :
 BNA_F
 ClientSampleId :
 UB10PX2

Tgt Ion: 82 Resp: 226481
 Ion Ratio Lower Upper
 82 100
 128 38.8 43.8 65.8#
 54 54.4 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF077407.D
 Acq: 23 Feb 2015 16:09

Tgt Ion:164 Resp: 161735
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.2 124.8
 160 45.3 34.6 52.0

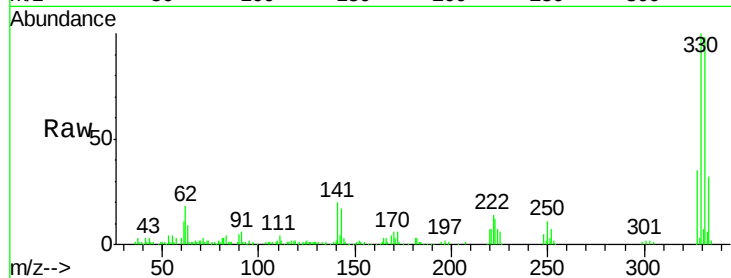




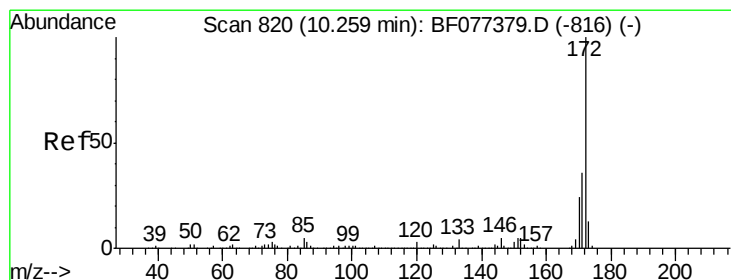
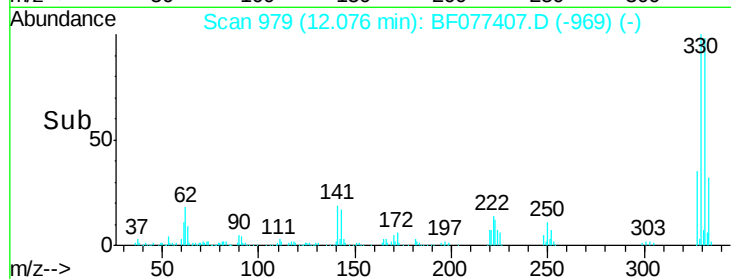
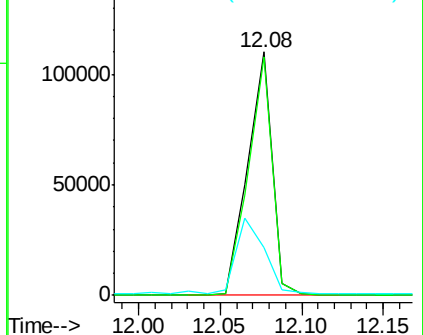
#41
 2,4,6-Tribromophenol
 Concen: 73.70 ng
 RT: 12.08 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF077407.D
 Acq: 23 Feb 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX2

Tgt Ion:330 Resp: 114774
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 38.0 28.8 43.2

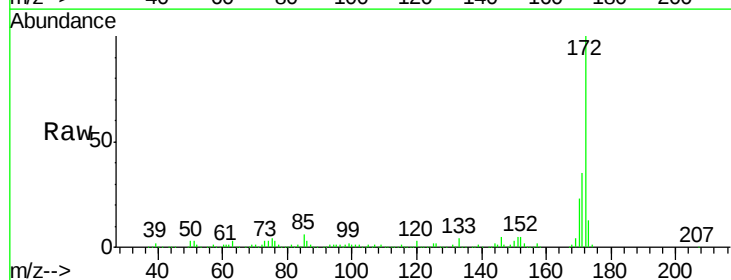


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

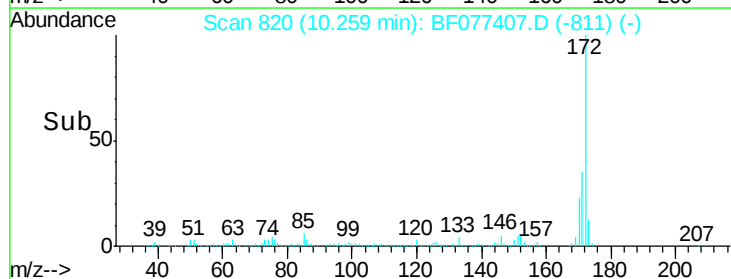
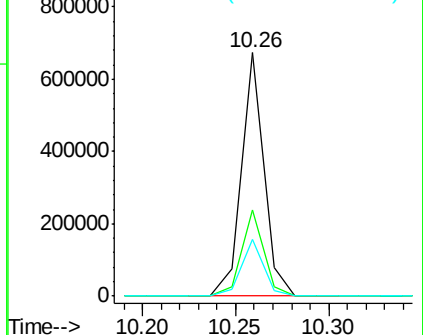


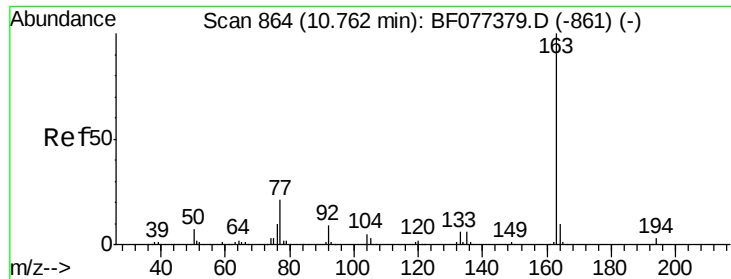
#44
 2-Fluorobiphenyl
 Concen: 54.71 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077407.D
 Acq: 23 Feb 2015 16:09

Tgt Ion:172 Resp: 567435
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 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

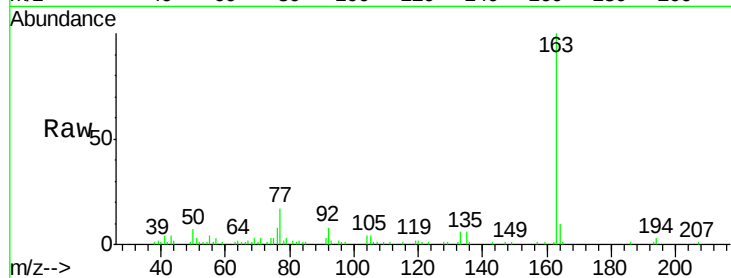




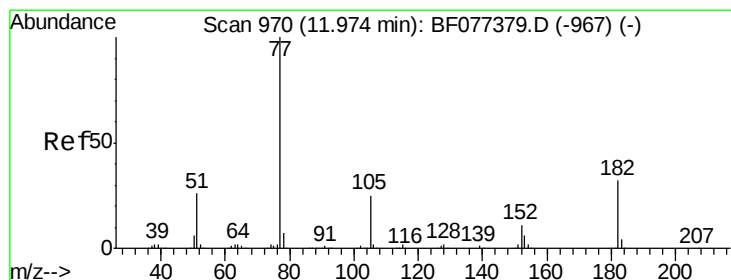
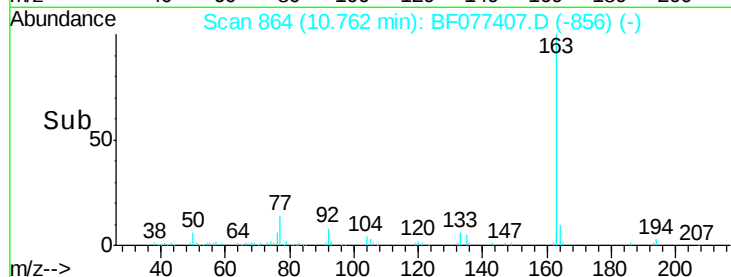
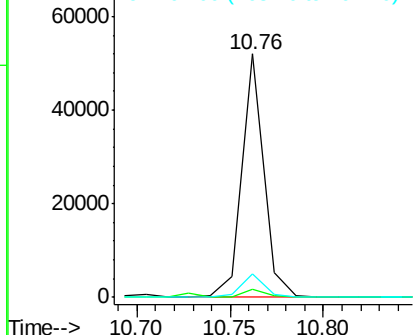
#49
Dimethylphthalate
Concen: 3.77 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077407.D
Acq: 23 Feb 2015 16:09

Instrument :
BNA_F
ClientSampleId :
UB10PX2

Tgt Ion: 163 Resp: 42834
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.6 13.0

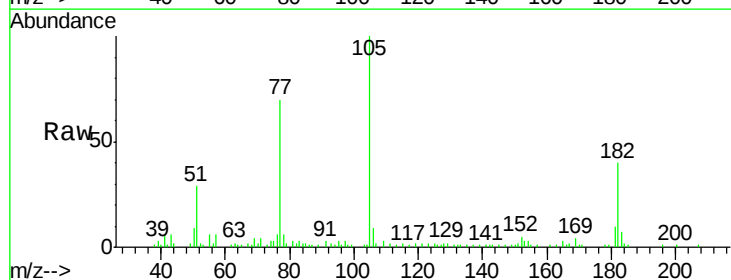


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

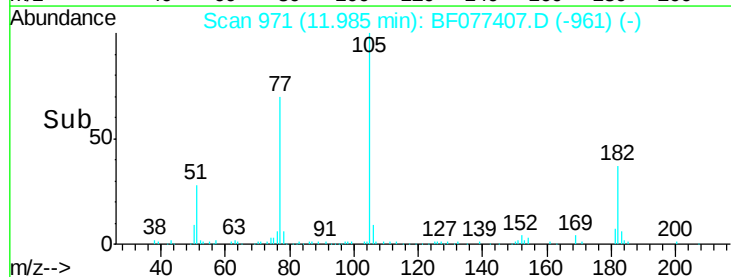
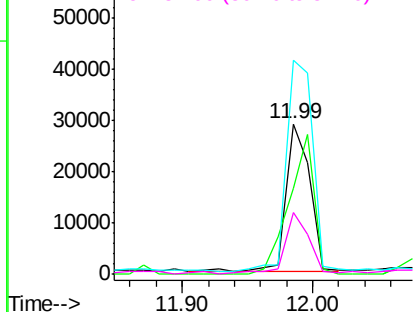


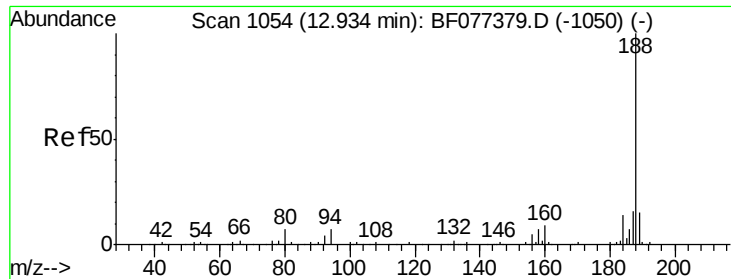
#62
Azobenzene
Concen: 3.46 ng
RT: 11.99 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF077407.D
Acq: 23 Feb 2015 16:09

Tgt Ion: 77 Resp: 36841
Ion Ratio Lower Upper
77 100
182 57.3 4.9 44.9#
105 142.2 3.3 43.3#
51 40.9 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

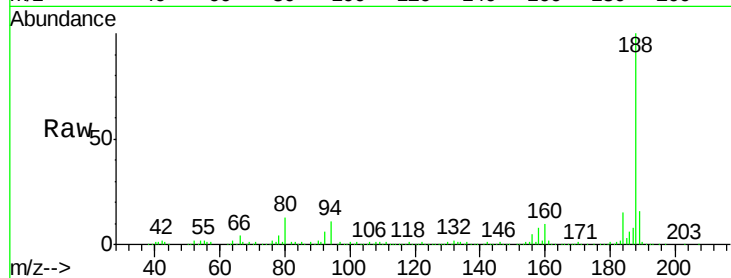




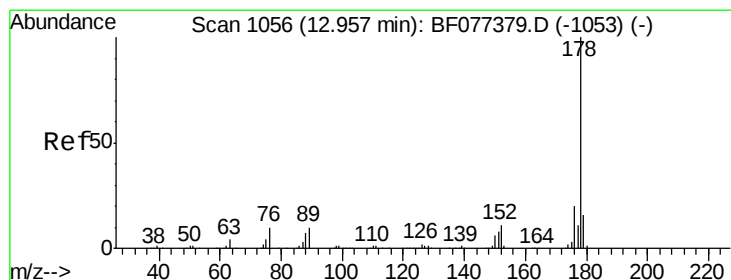
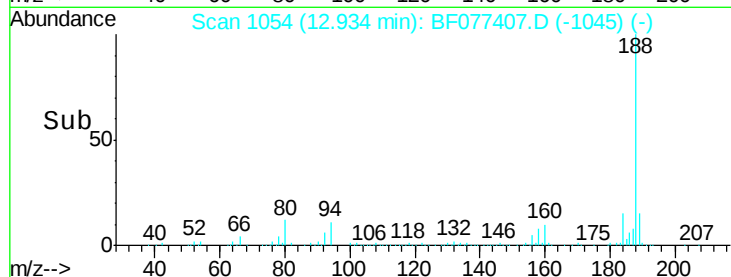
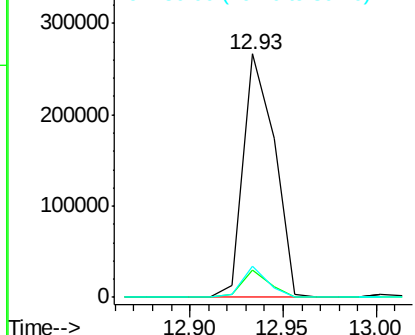
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF077407.D
Acq: 23 Feb 2015 16:09

Instrument :
BNA_F
ClientSampleId :
UB10PX2

Tgt Ion:188 Resp: 313541
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.2#
80 12.7 8.0 12.0#

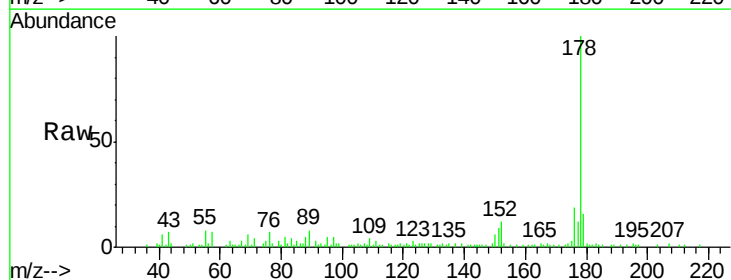


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

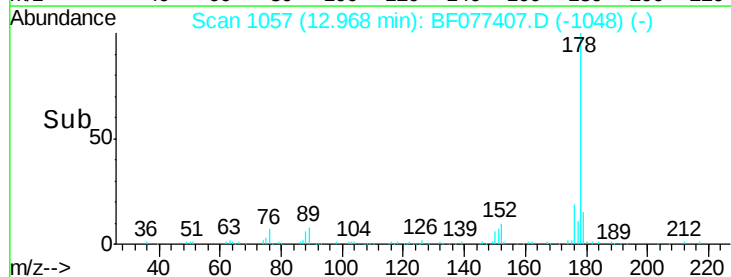
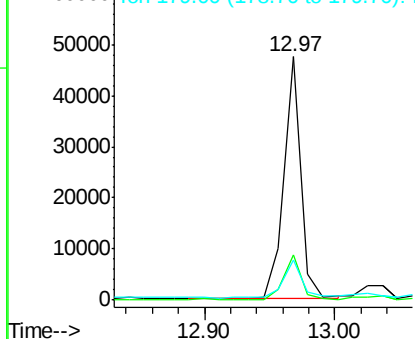


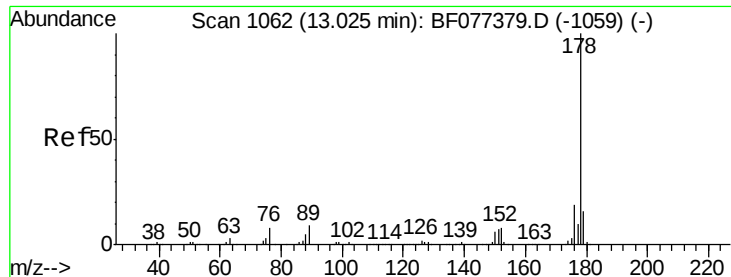
#70
Phenanthrene
Concen: 2.38 ng
RT: 12.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF077407.D
Acq: 23 Feb 2015 16:09

Tgt Ion:178 Resp: 43340
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.5 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: 2.34 ng

RT: 12.97 min Scan# 1057

Delta R.T. -0.06 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

Instrument :

BNA_F

ClientSampleId :

UB10PX2

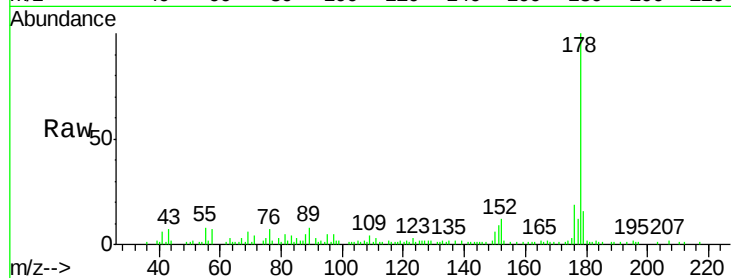
Tgt Ion:178 Resp: 42284

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

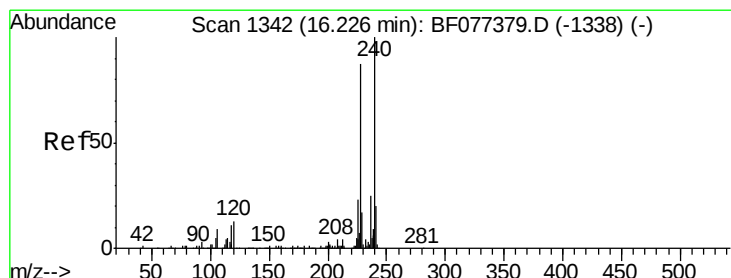
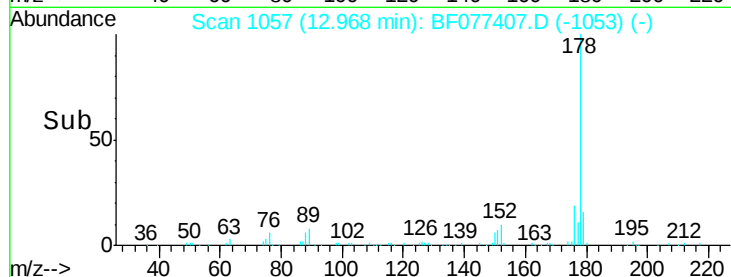
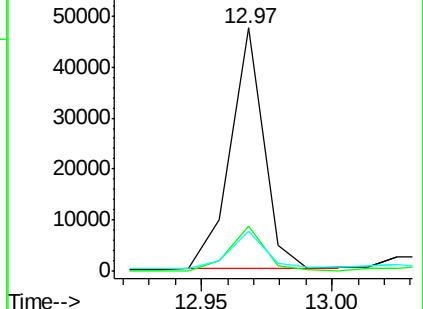
179 16.5 12.9 19.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

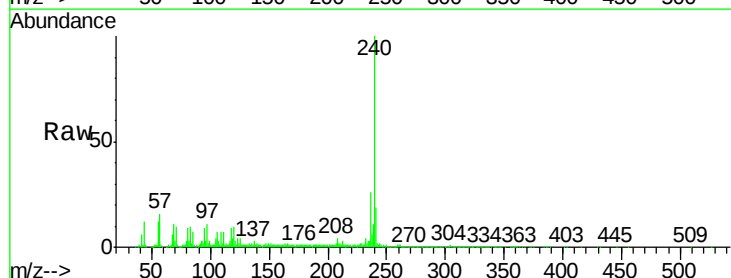
Tgt Ion:240 Resp: 332105

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

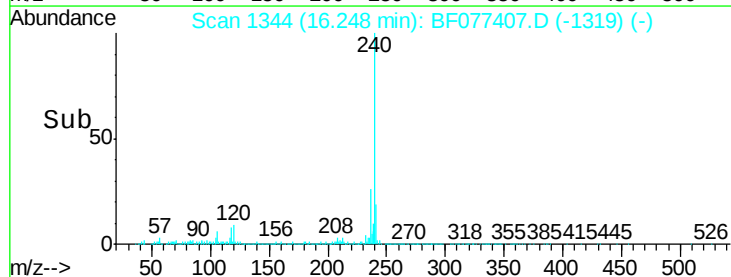
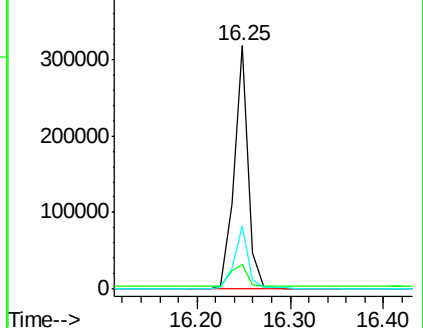
236 25.8 20.7 31.1

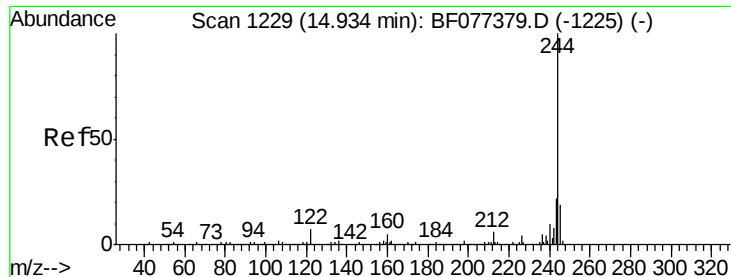


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 44.70 ng

RT: 14.93 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

Instrument :

BNA_F

ClientSampleId :

UB10PX2

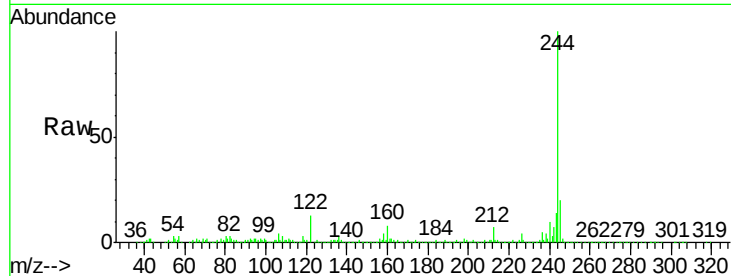
Tgt Ion:244 Resp: 634983

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

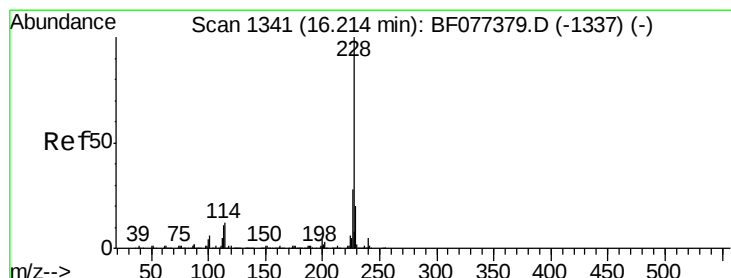
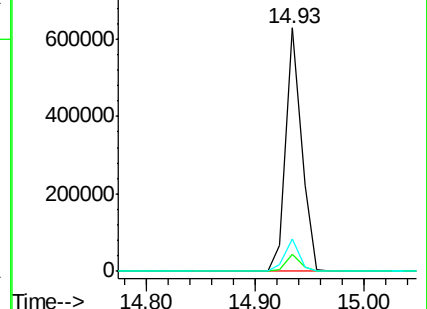
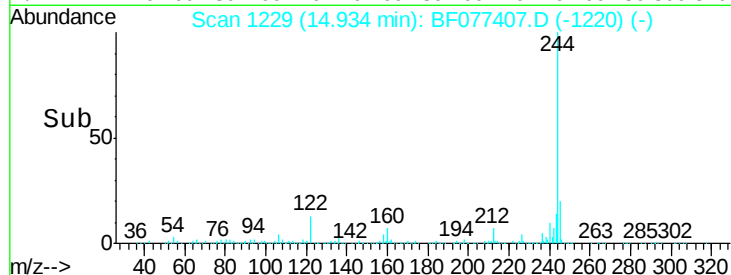
122 13.2 7.8 11.8#



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



#80

Benzo(a)anthracene

Concen: 2.93 ng

RT: 16.28 min Scan# 1347

Delta R.T. 0.03 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

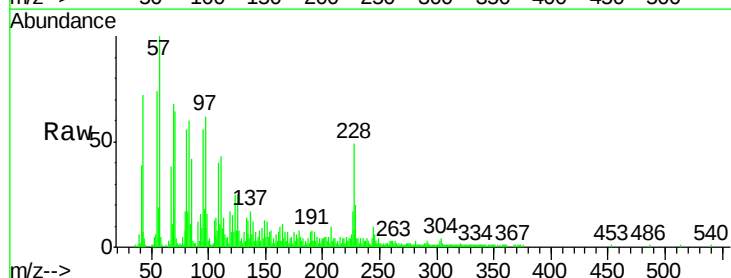
Tgt Ion:228 Resp: 56957

Ion Ratio Lower Upper

228 100

226 34.3 22.0 33.0#

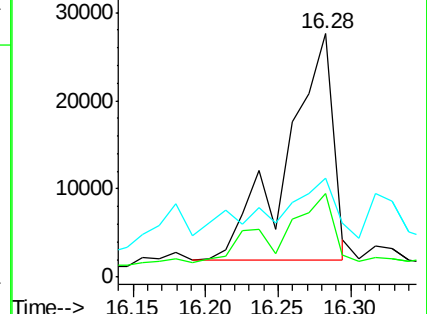
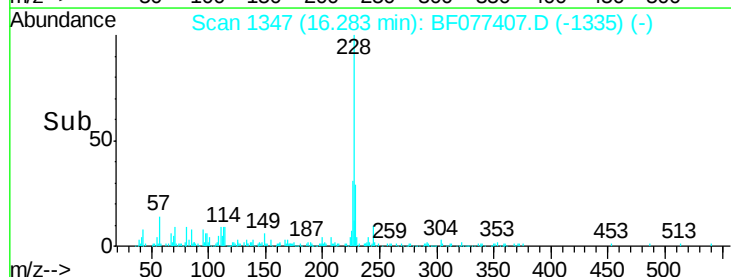
229 40.5 15.8 23.8#

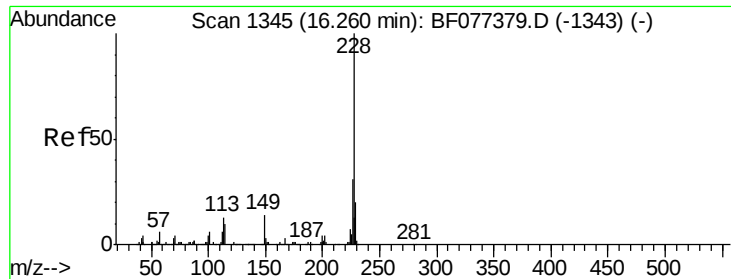


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.21 ng

RT: 16.28 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

Instrument :

BNA_F

ClientSampleId :

UB10PX2

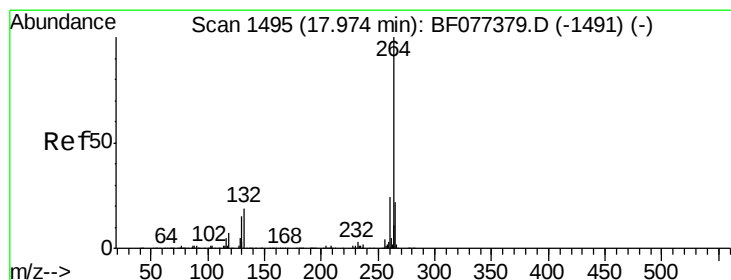
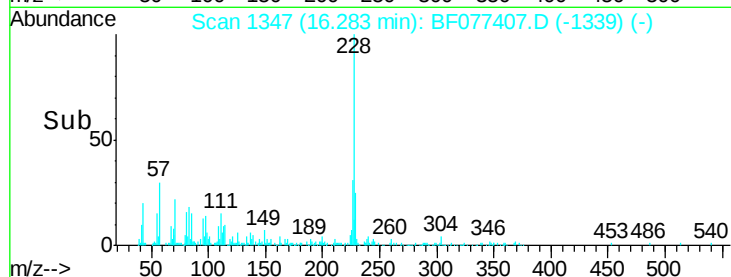
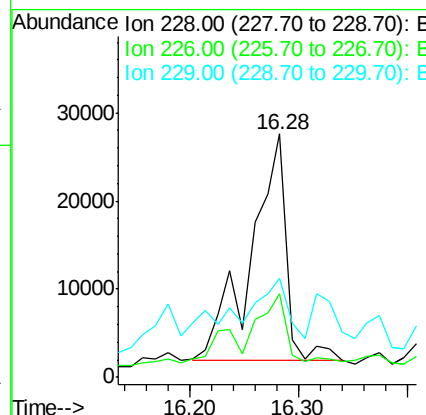
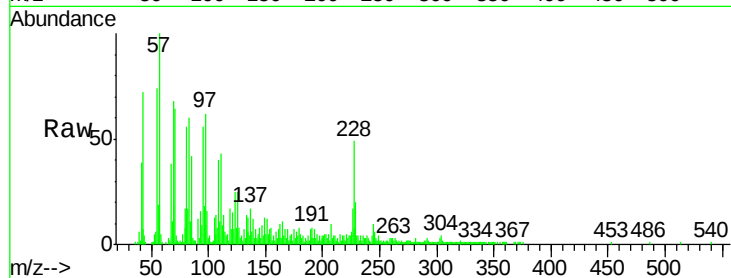
Tgt Ion:228 Resp: 58724

Ion Ratio Lower Upper

228 100

226 34.3 24.9 37.3

229 40.5 16.4 24.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.04 min Scan# 1501

Delta R.T. -0.06 min

Lab File: BF077407.D

Acq: 23 Feb 2015 16:09

Tgt Ion:264 Resp: 311897

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.5 16.8 25.2

