

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
 Data File : BF077409.D
 Acq On : 23 Feb 2015 17:28
 Operator : TP/IZ
 Sample : G1345-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

Quant Time: Feb 24 00:11:02 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

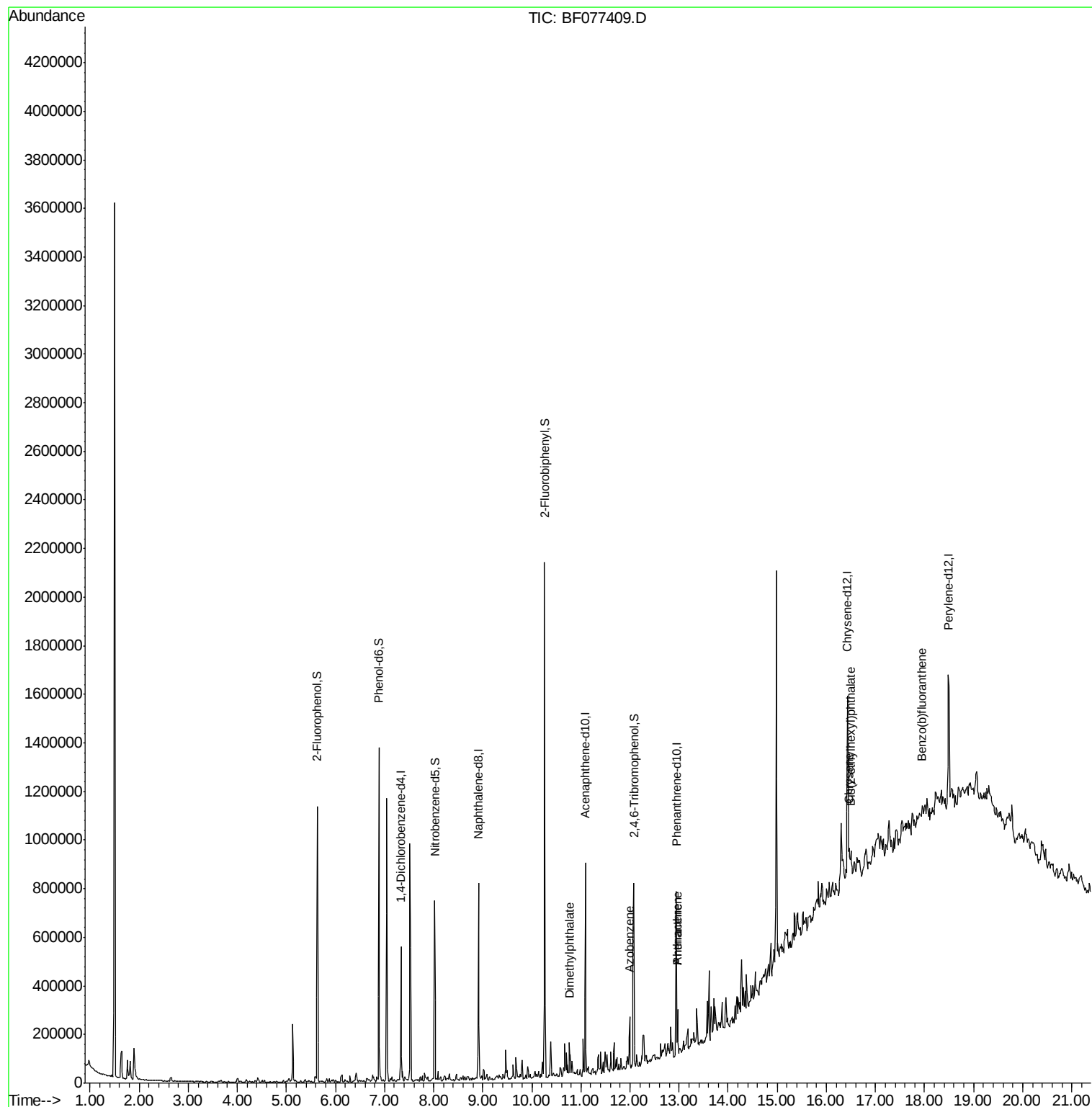
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83400	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	350448	20.00	ng	0.00
38) Acenaphthene-d10	11.09	164	180354	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	339911	20.00	ng	0.01
75) Chrysene-d12	16.43	240	336133	20.00	ng	0.17
86) Perylene-d12	18.49	264	328513	20.00	ng	0.39
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	338390	67.74	ng	0.01
7) Phenol-d6	6.89	99	457322	71.20	ng	0.00
23) Nitrobenzene-d5	8.02	82	258367	45.85	ng	-0.01
41) 2,4,6-Tribromophenol	12.08	330	109693	63.17	ng	0.01
44) 2-Fluorobiphenyl	10.26	172	658397	56.92	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
49) Dimethylphthalate	10.76	163	51507	4.06	ng	Qvalue 100
62) Azobenzene	12.00	77	42017	3.54	ng	# 1
70) Phenanthrene	12.97	178	77864	3.95	ng	99
71) Anthracene	12.97	178	70340	3.60	ng	99
82) Chrysene	16.47	228	58993	3.19	ng	# 86
83) Bis(2-ethylhexyl)phthalate	16.50	149	33505	2.47	ng	92
87) Benzo(b)fluoranthene	17.95	252	40270	2.11	ng	# 46

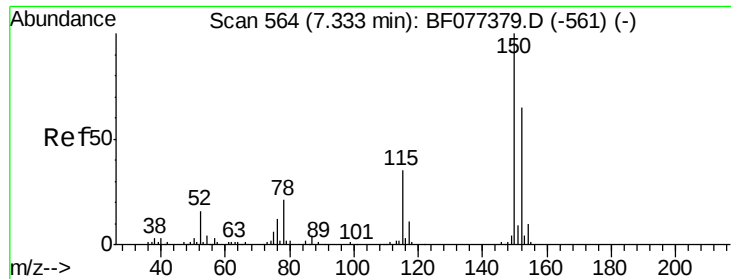
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UB10PX5

Quant Time: Feb 24 00:11:02 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: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5

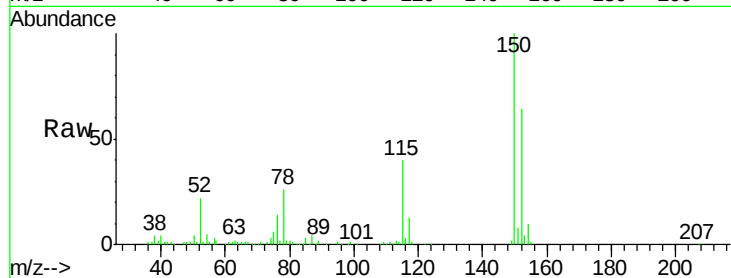
Tgt Ion:152 Resp: 83400

Ion Ratio Lower Upper

152 100

150 155.4 124.0 186.0

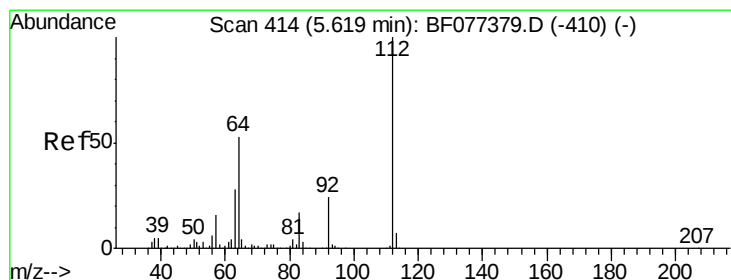
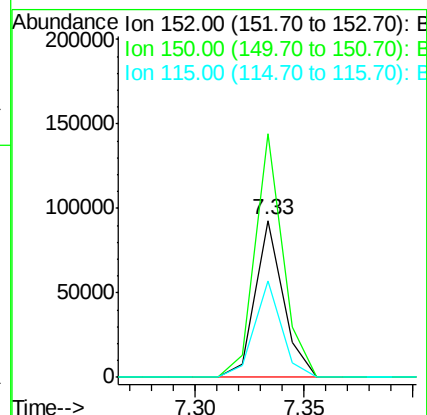
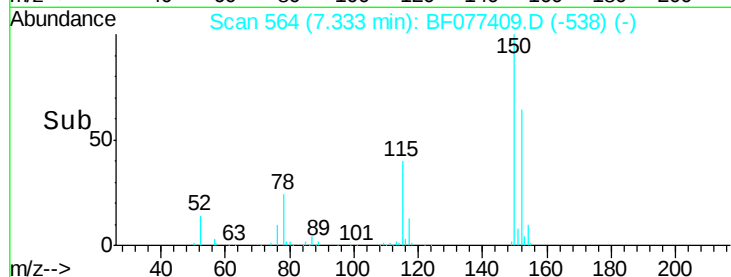
115 61.7 49.4 74.2



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: 67.74 ng

RT: 5.63 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

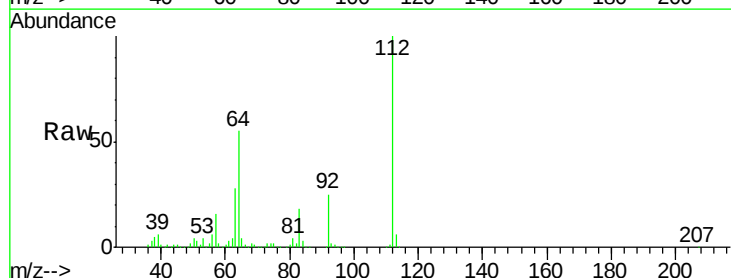
Tgt Ion:112 Resp: 338390

Ion Ratio Lower Upper

112 100

64 55.3 48.5 72.7

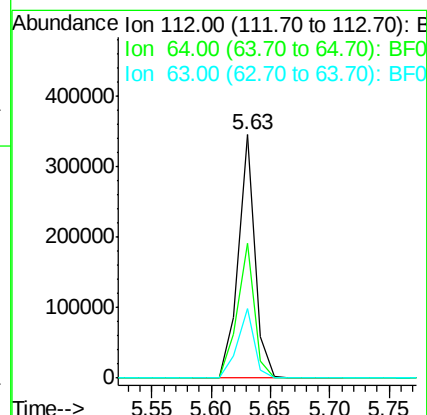
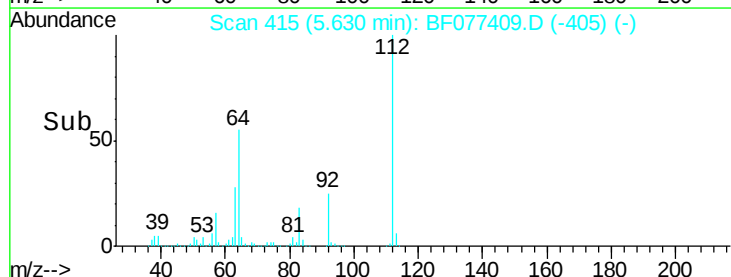
63 28.3 25.0 37.4



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: 71.20 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5

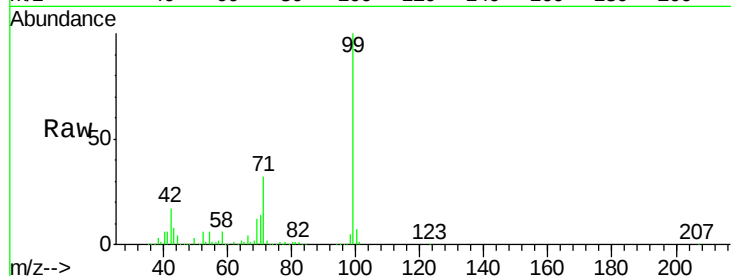
Tgt Ion: 99 Resp: 457322

Ion Ratio Lower Upper

99 100

42 17.2 16.2 24.4

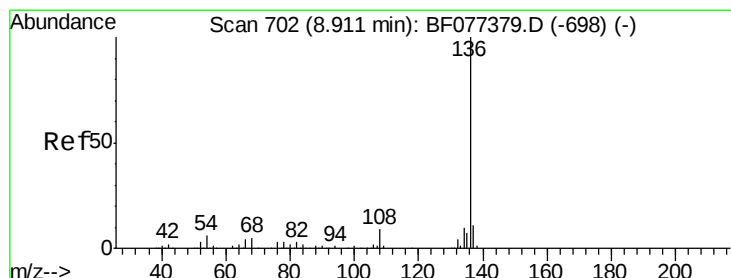
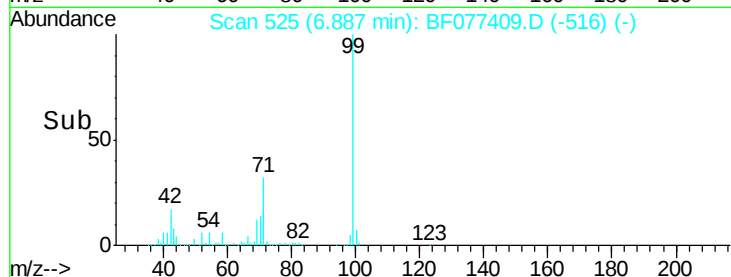
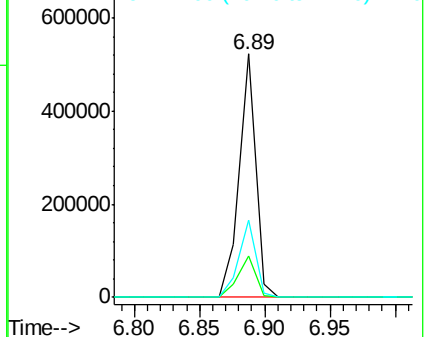
71 31.8 26.7 40.1



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: BF077409.D

Acq: 23 Feb 2015 17:28

Tgt Ion: 136 Resp: 350448

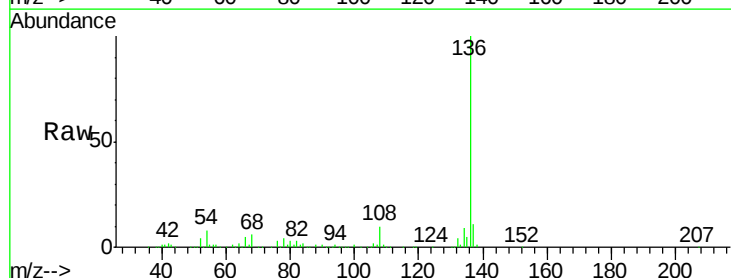
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.8 6.2 9.4

68 6.1 5.0 7.6

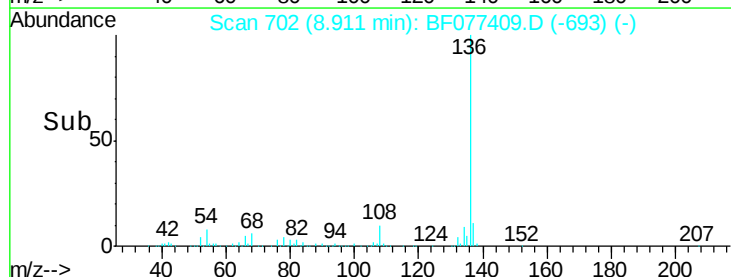
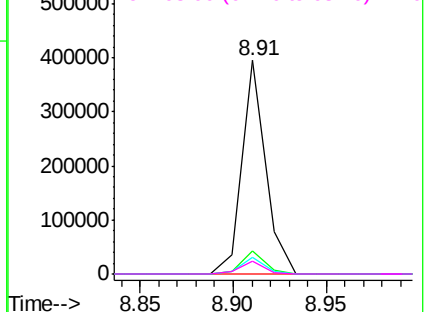


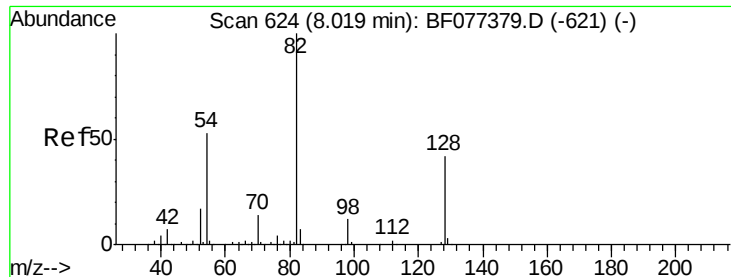
Abundance Ion 136.00 (135.70 to 136.70): E

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

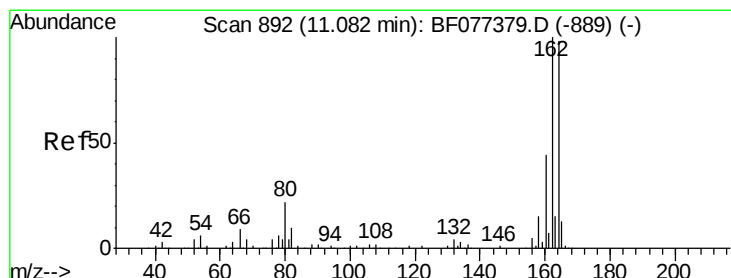
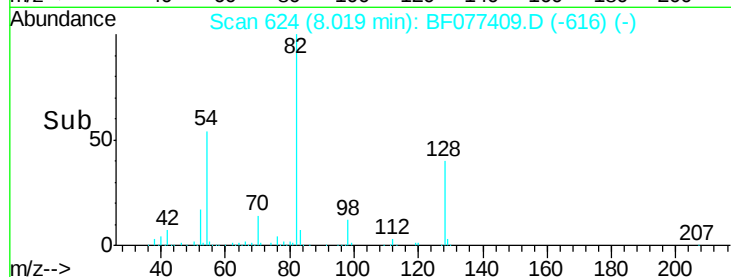
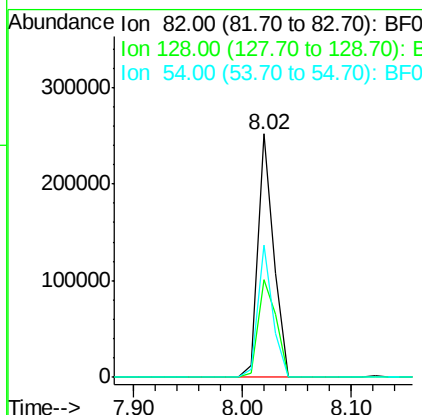
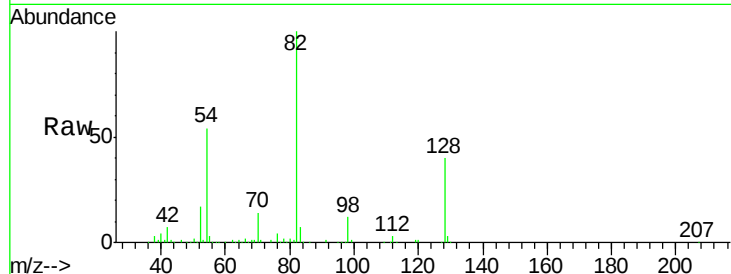




#23
 Nitrobenzene-d5
 Concen: 45.85 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

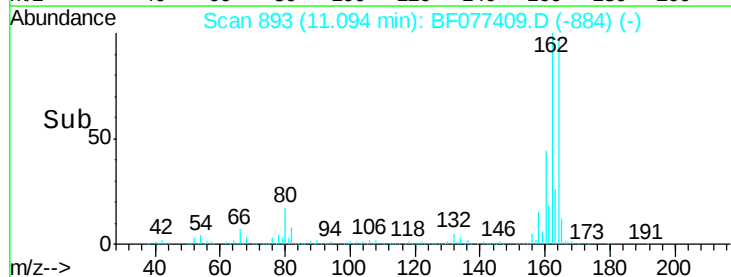
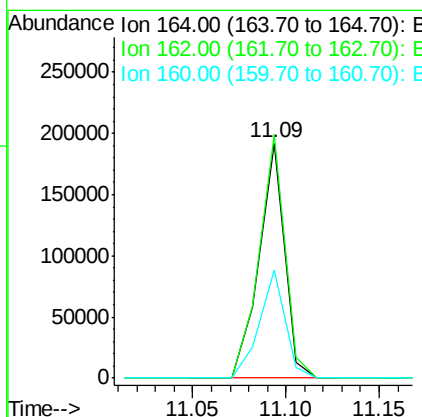
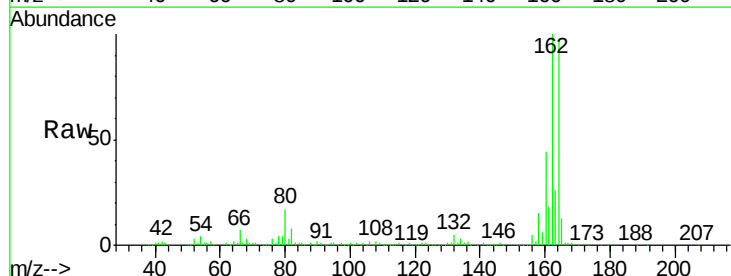
Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

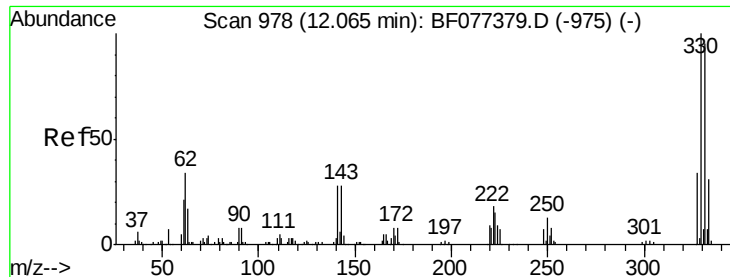
Tgt Ion: 82 Resp: 258367
 Ion Ratio Lower Upper
 82 100
 128 40.1 43.8 65.8#
 54 54.1 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Tgt Ion:164 Resp: 180354
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.2 124.8
 160 45.9 34.6 52.0

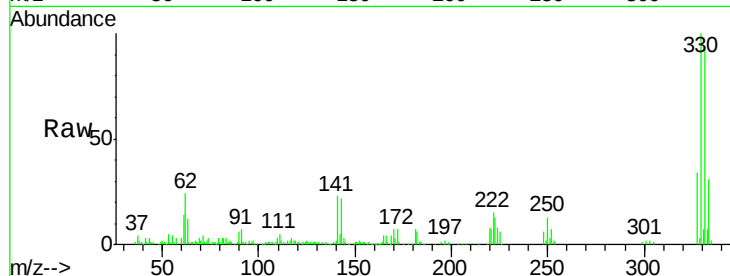




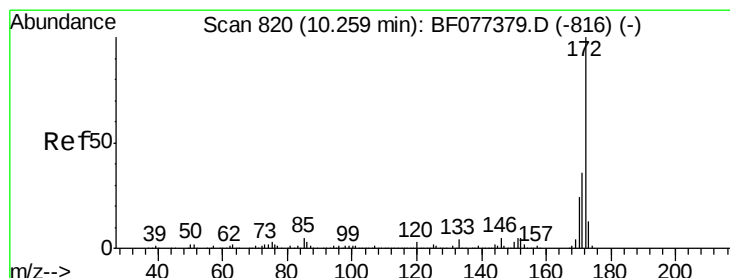
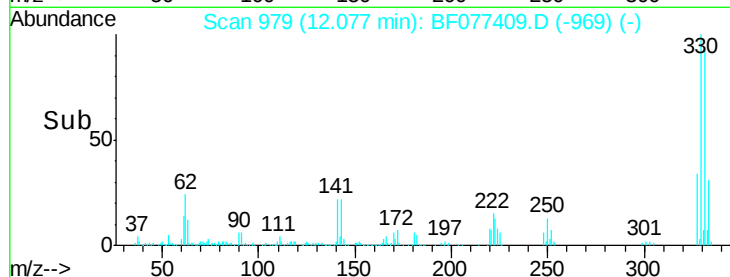
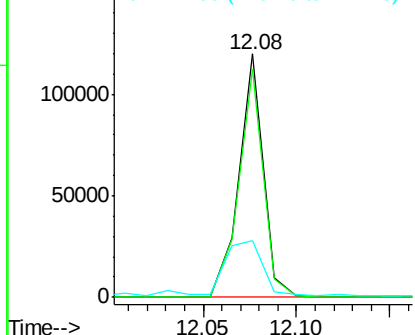
#41
 2,4,6-Tribromophenol
 Concen: 63.17 ng
 RT: 12.08 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

Tgt Ion:330 Resp: 109693
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 37.6 28.8 43.2

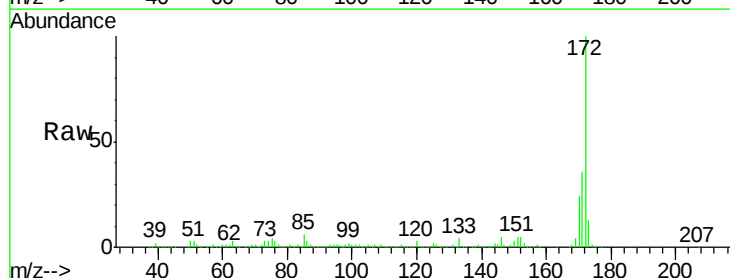


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

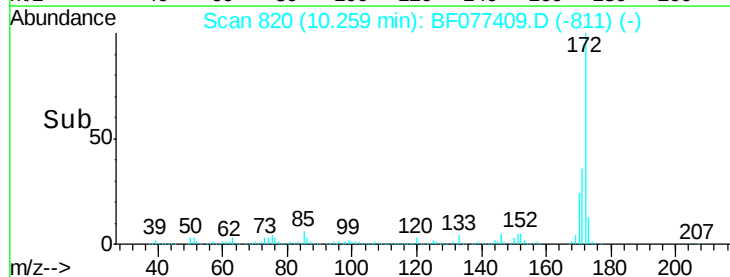
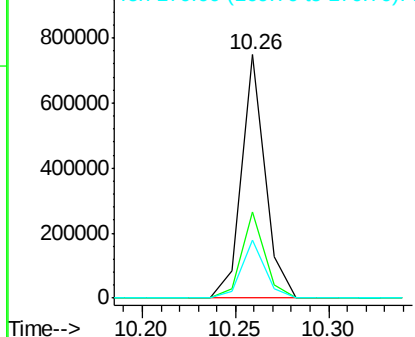


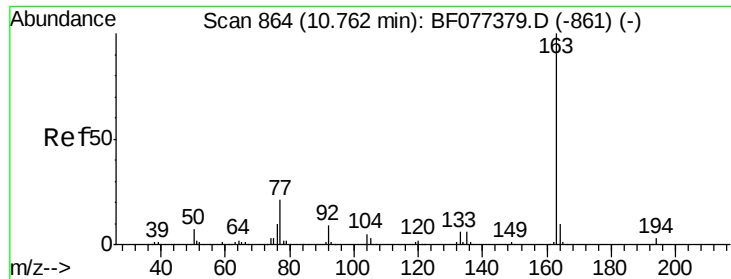
#44
 2-Fluorobiphenyl
 Concen: 56.92 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Tgt Ion:172 Resp: 658397
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.0 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

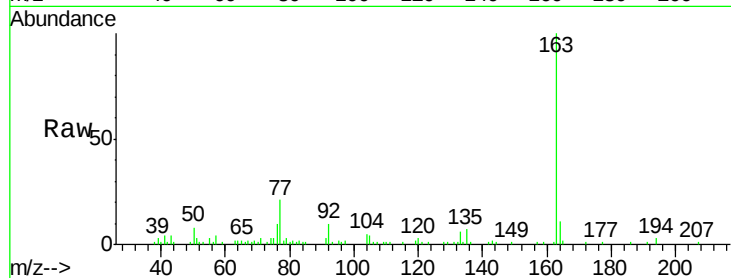




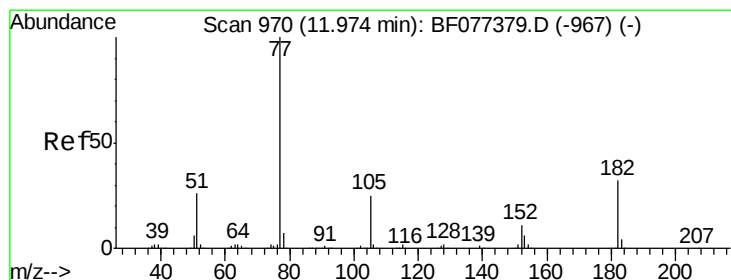
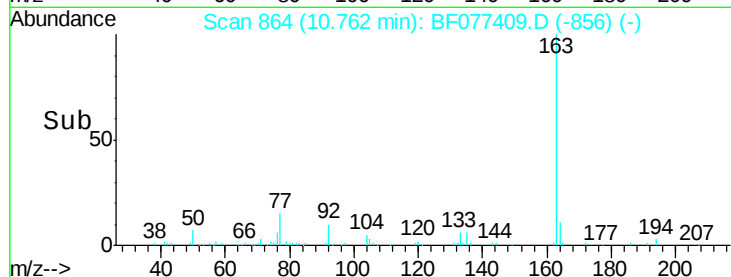
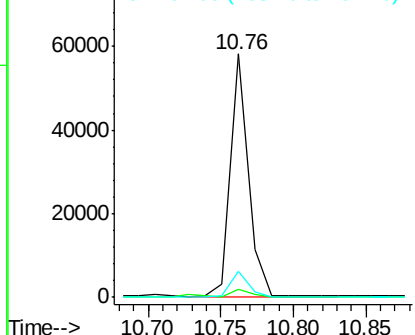
#49
Dimethylphthalate
Concen: 4.06 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

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ClientSampleId :
UB10PX5

Tgt Ion: 163 Resp: 51507
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.6 13.0

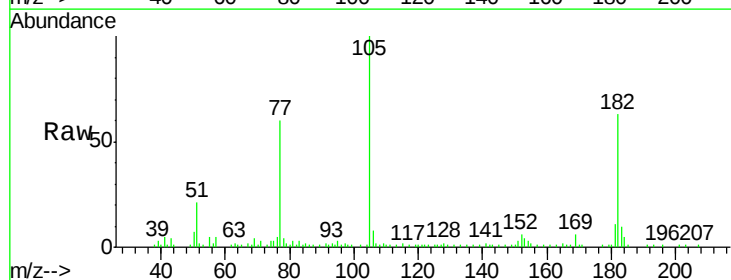


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

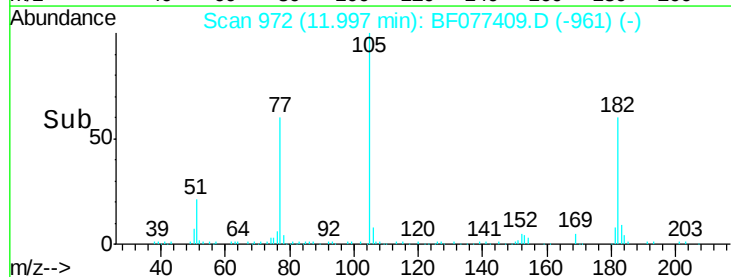
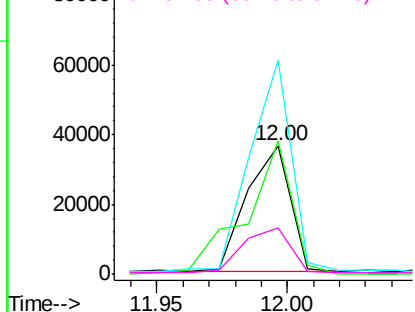


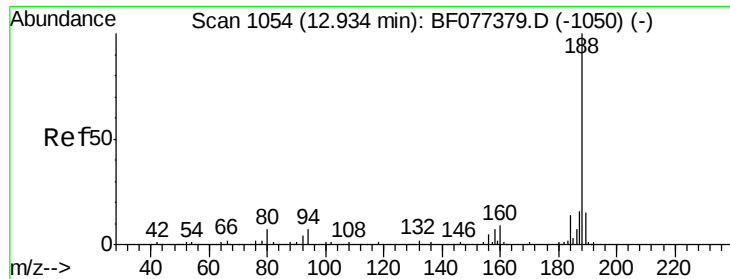
#62
Azobenzene
Concen: 3.54 ng
RT: 12.00 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

Tgt Ion: 77 Resp: 42017
Ion Ratio Lower Upper
77 100
182 104.3 4.9 44.9#
105 166.8 3.3 43.3#
51 35.7 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

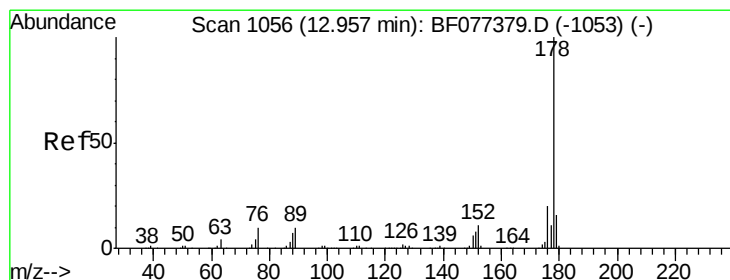
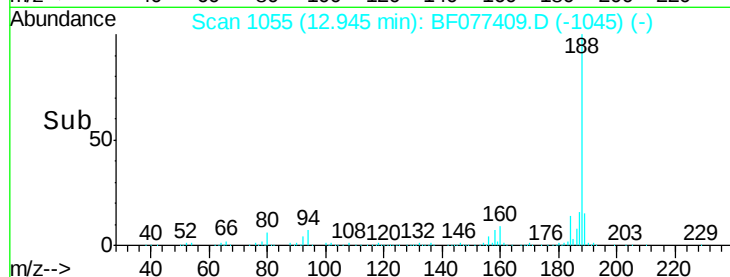
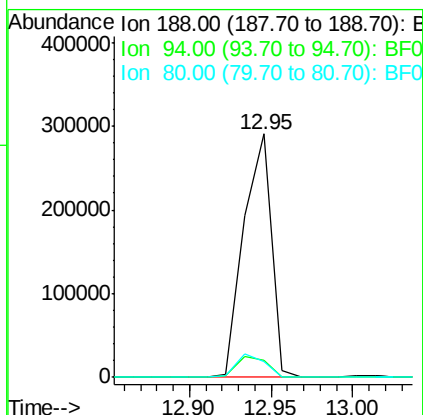
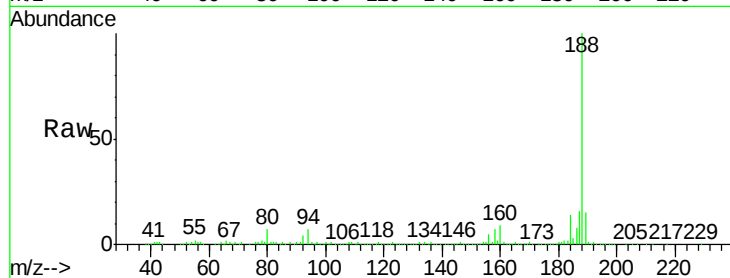




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

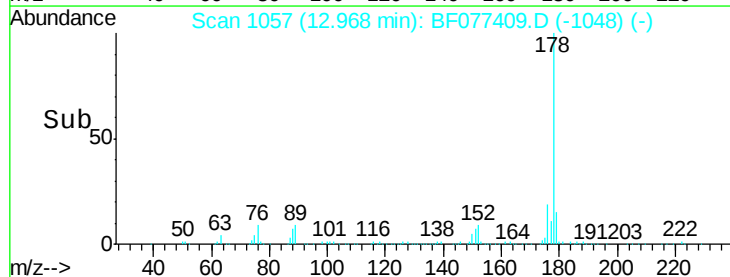
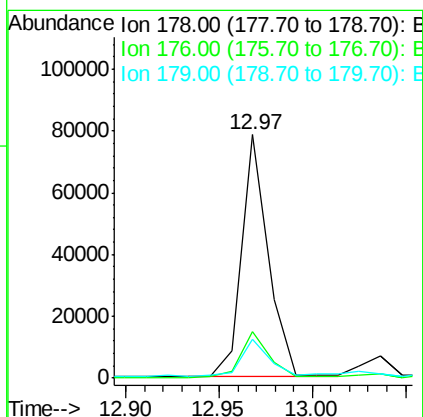
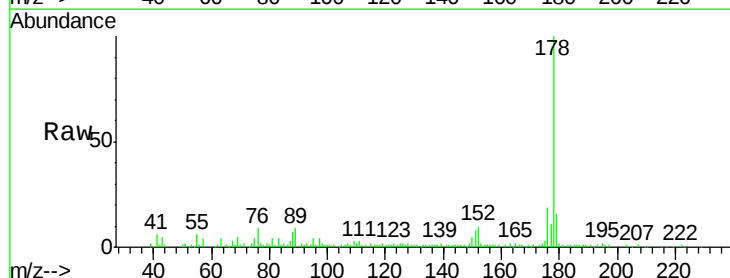
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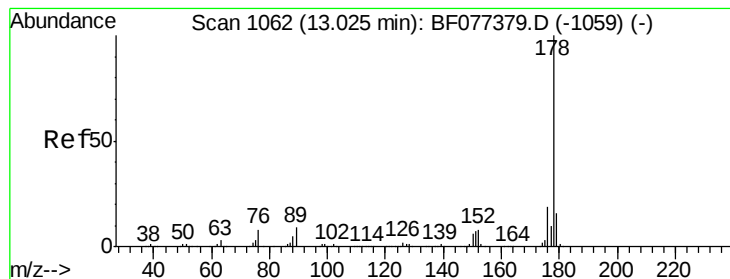
Tgt Ion:188 Resp: 339911
Ion Ratio Lower Upper
188 100
94 6.8 7.4 11.2#
80 6.6 8.0 12.0#



#70
Phenanthrene
Concen: 3.95 ng
RT: 12.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

Tgt Ion:178 Resp: 77864
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.8 12.2 18.2





#71

Anthracene

Concen: 3.60 ng

RT: 12.97 min Scan# 1057

Delta R.T. -0.06 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5

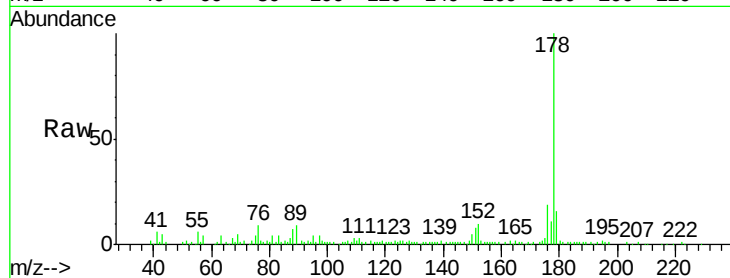
Tgt Ion:178 Resp: 70340

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

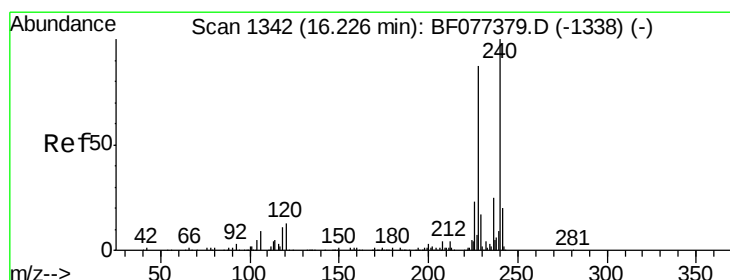
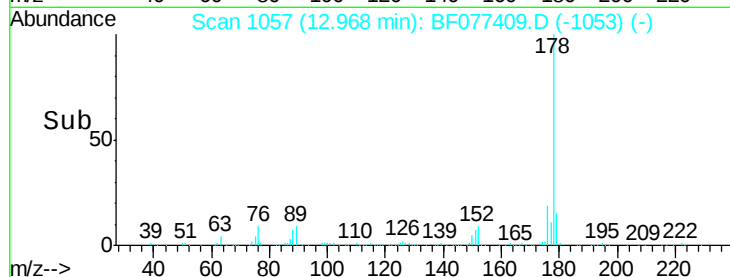
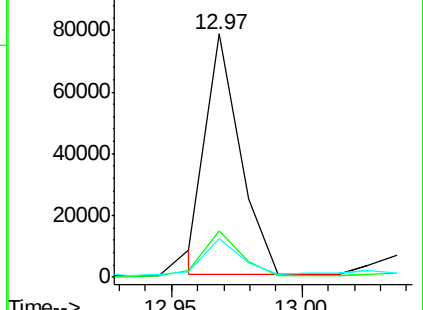
179 15.8 12.9 19.3



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: 16.43 min Scan# 1360

Delta R.T. 0.17 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

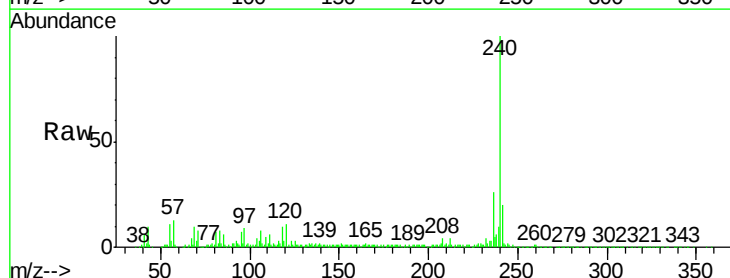
Tgt Ion:240 Resp: 336133

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

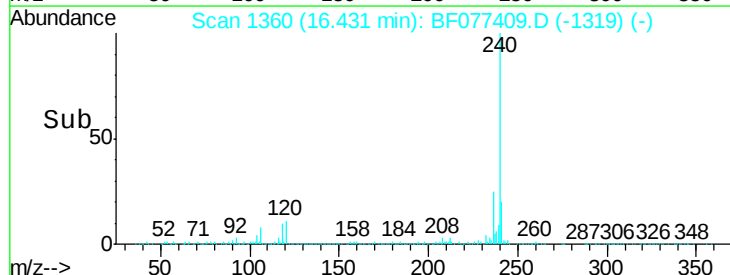
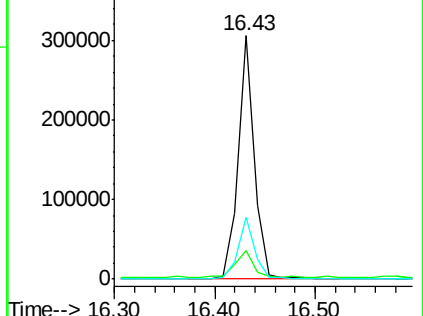
236 25.6 20.7 31.1

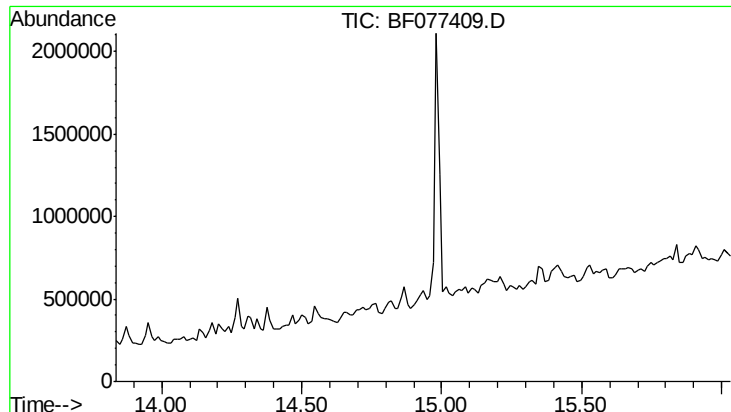


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.93 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5

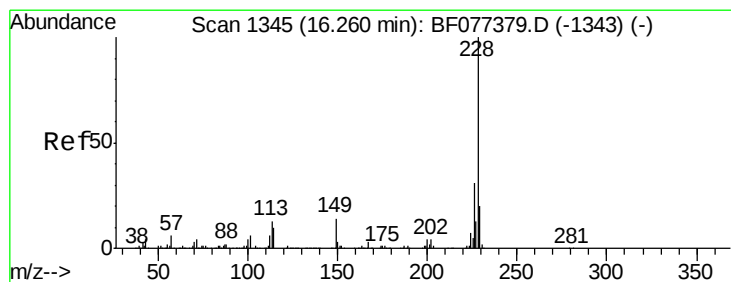
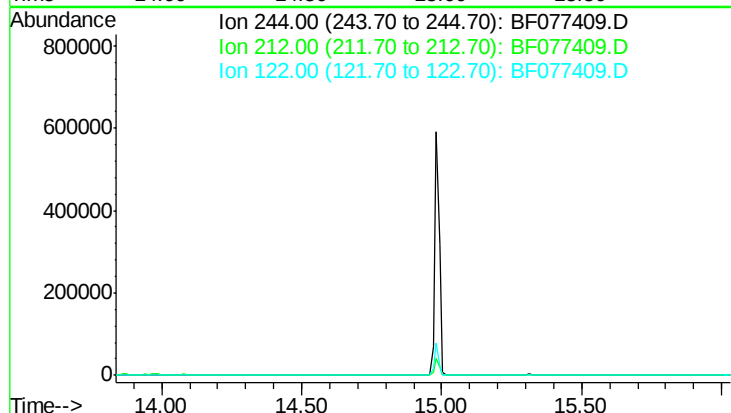
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.5

122 9.8



#82

Chrysene

Concen: 3.19 ng

RT: 16.47 min Scan# 1363

Delta R.T. 0.17 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

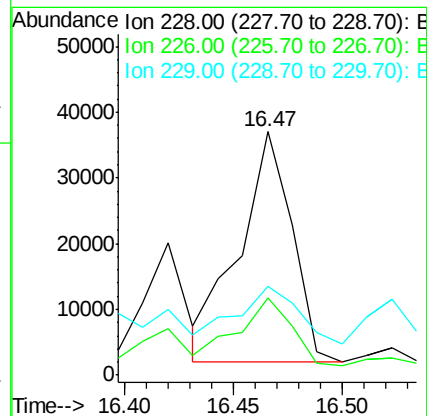
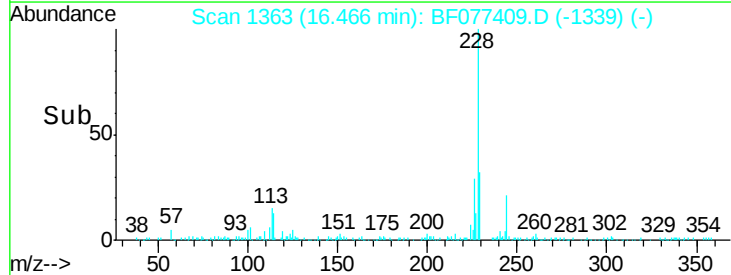
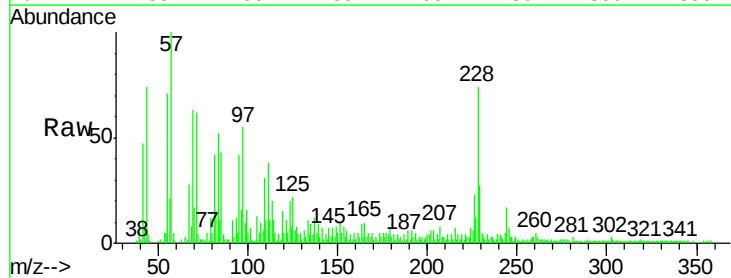
Tgt Ion: 228 Resp: 58993

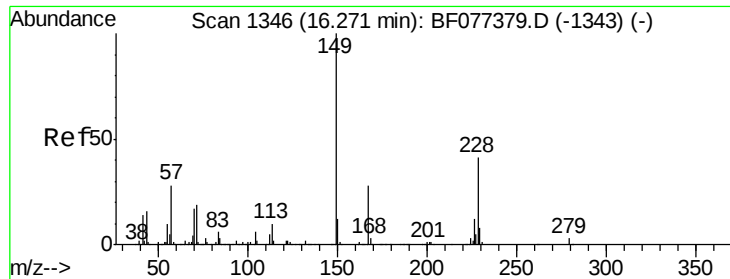
Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 36.6 16.4 24.6#

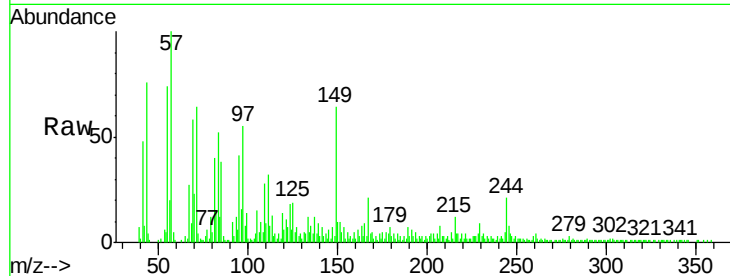




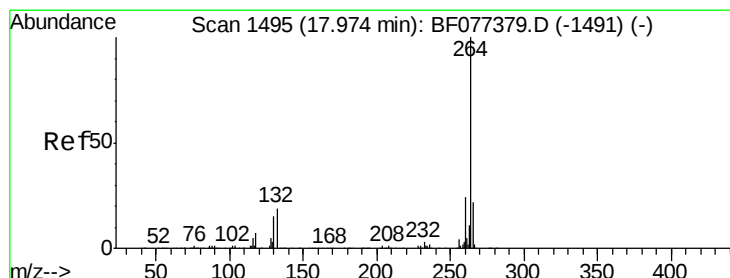
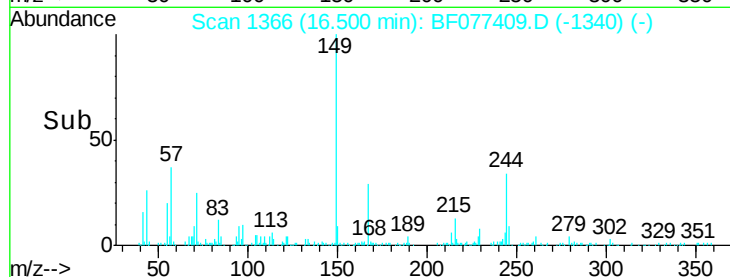
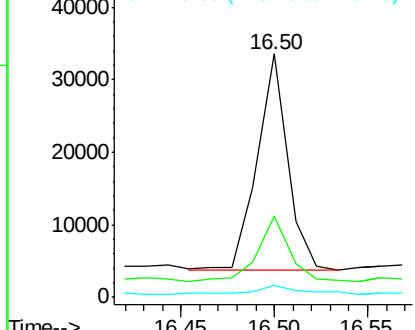
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.47 ng
RT: 16.50 min Scan# 1366
Delta R.T. 0.19 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

Instrument :
BNA_F
ClientSampleId :
UB10PX5

Tgt Ion:149 Resp: 33505
Ion Ratio Lower Upper
149 100
167 33.2 22.8 34.2
279 4.7 3.8 5.6

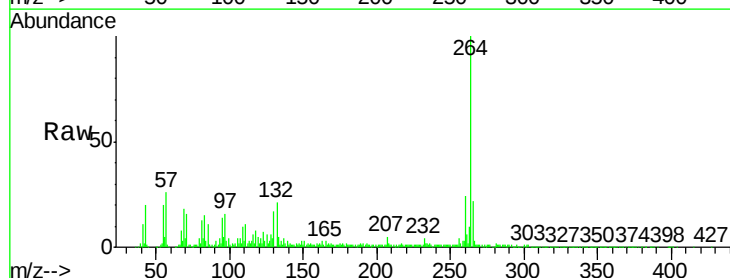


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

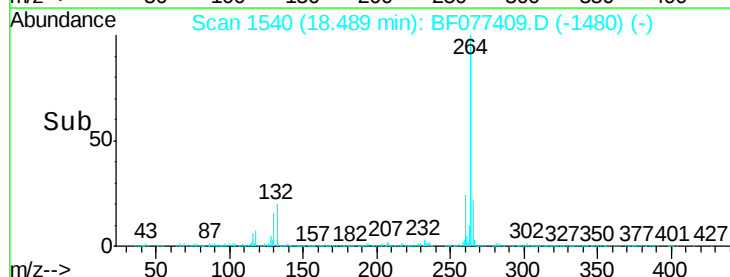
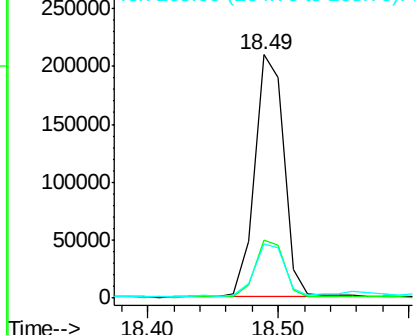


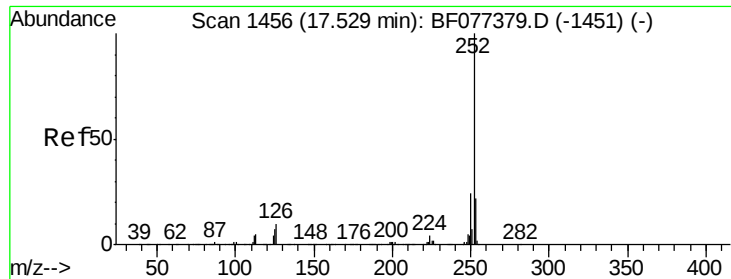
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1540
Delta R.T. 0.39 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

Tgt Ion:264 Resp: 328513
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.5 16.8 25.2



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: 2.11 ng

RT: 17.95 min Scan# 1493

Delta R.T. 0.32 min

Lab File: BF077409.D

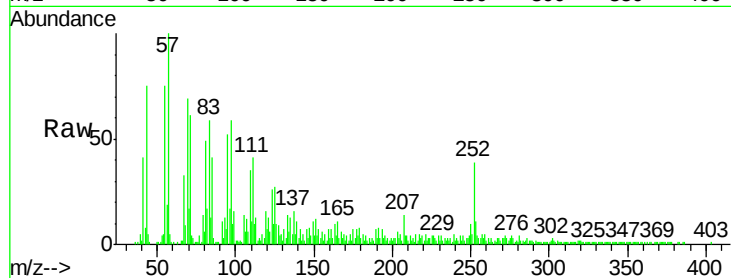
Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5



Tgt Ion: 252 Resp: 40270

Ion Ratio Lower Upper

252 100

253 28.0 17.6 26.4#

125 71.0 5.4 8.2#

