

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077436.D
 Acq On : 25 Feb 2015 16:27
 Operator : IZ / TP
 Sample : G1332-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Feb 26 03:36:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	82652	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	329498	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	167327	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	331389	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	369013	20.00	ng	0.00
86) Perylene-d12	17.99	264	362423	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	286150	57.80	ng	-0.01
7) Phenol-d6	6.84	99	219208	34.44	ng	0.00
23) Nitrobenzene-d5	7.97	82	479628	90.52	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	233406	144.87	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	1056970	98.49	ng	0.00
78) Terphenyl-d14	14.88	244	1241303	78.64	ng	0.00

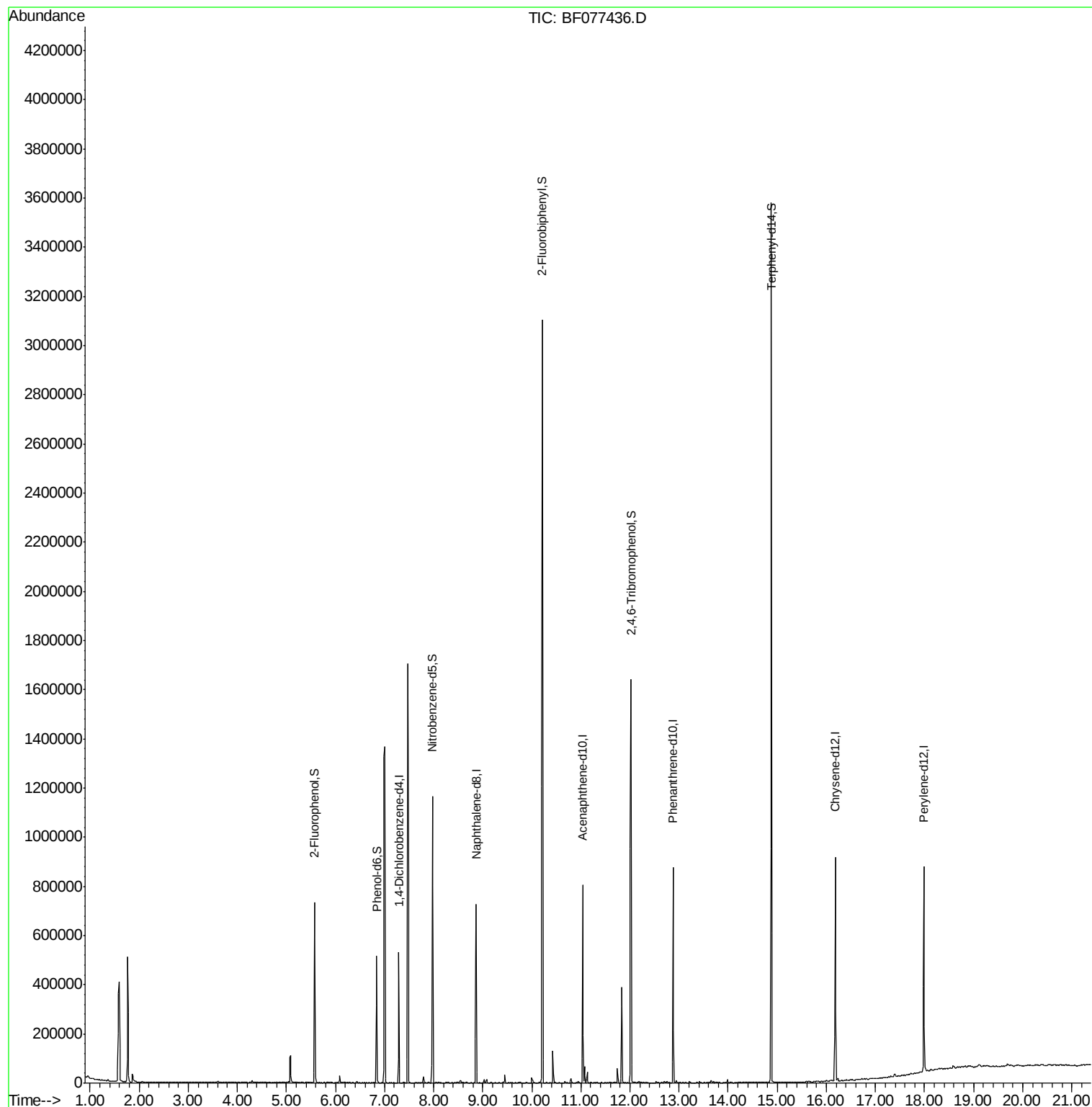
Target Compounds	Qvalue
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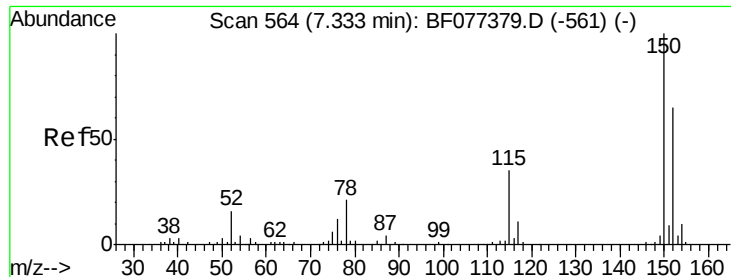
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077436.D

Acq: 25 Feb 2015 16:27

Instrument :

BNA_F

ClientSampleId :

FB

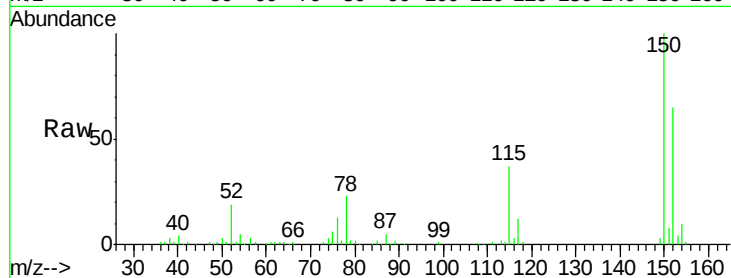
Tgt Ion:152 Resp: 82652

Ion Ratio Lower Upper

152 100

150 154.6 124.0 186.0

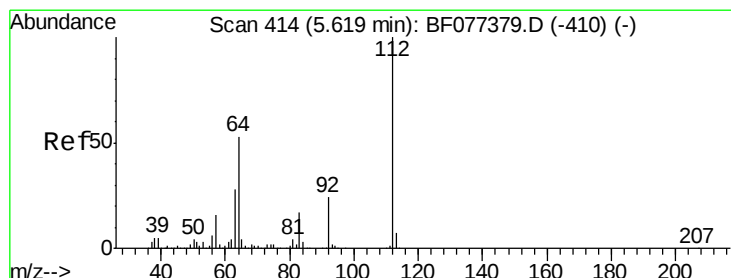
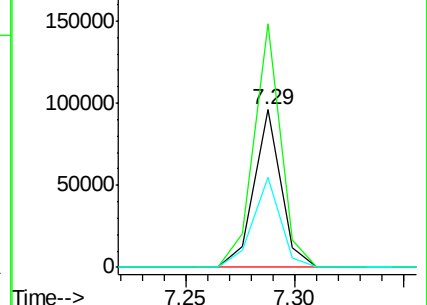
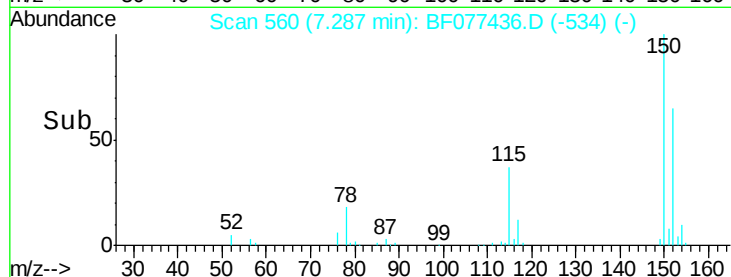
115 57.4 49.4 74.2



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: 57.80 ng

RT: 5.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF077436.D

Acq: 25 Feb 2015 16:27

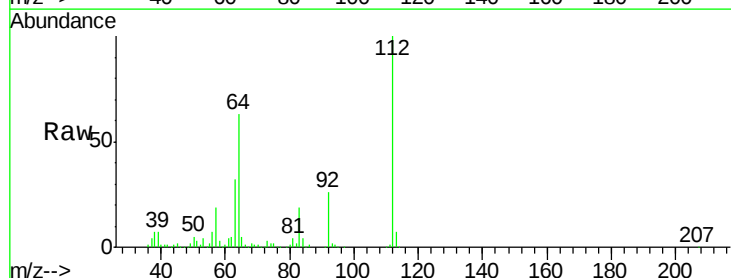
Tgt Ion:112 Resp: 286150

Ion Ratio Lower Upper

112 100

64 63.4 48.5 72.7

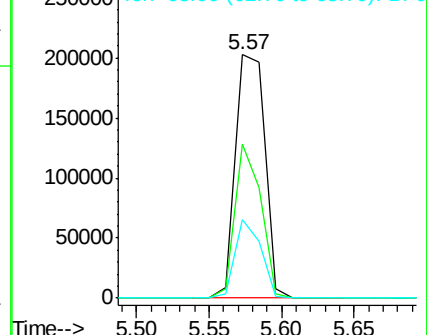
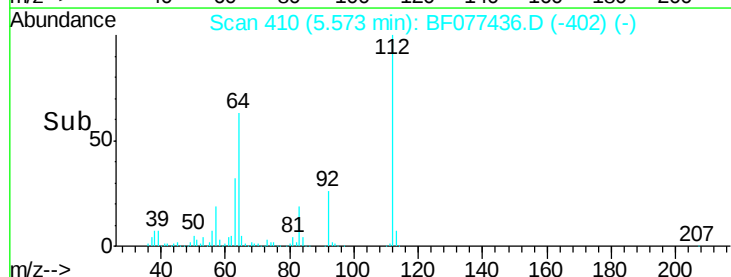
63 32.0 25.0 37.4



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: 34.44 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077436.D

Acq: 25 Feb 2015 16:27

Instrument :

BNA_F

ClientSampled :

FB

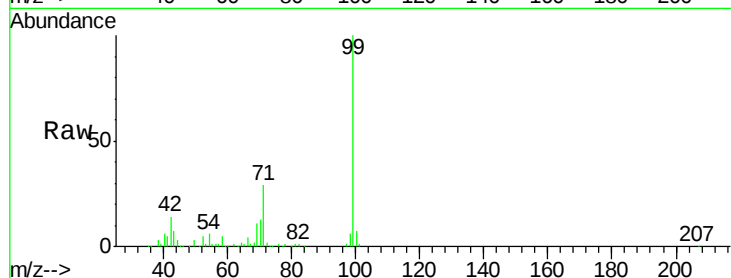
Tgt Ion: 99 Resp: 219208

Ion Ratio Lower Upper

99 100

42 14.1 16.2 24.4#

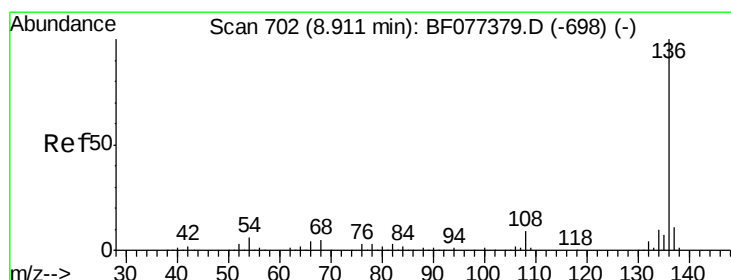
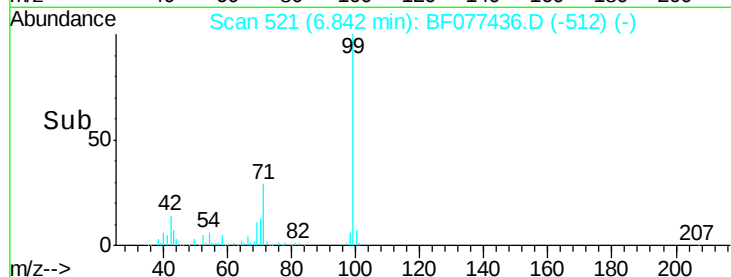
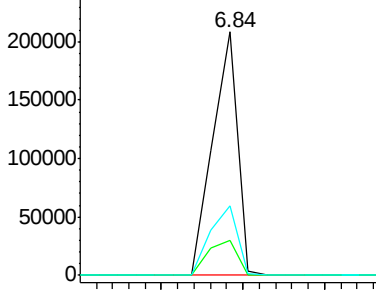
71 28.6 26.7 40.1



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: 8.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077436.D

Acq: 25 Feb 2015 16:27

Tgt Ion: 136 Resp: 329498

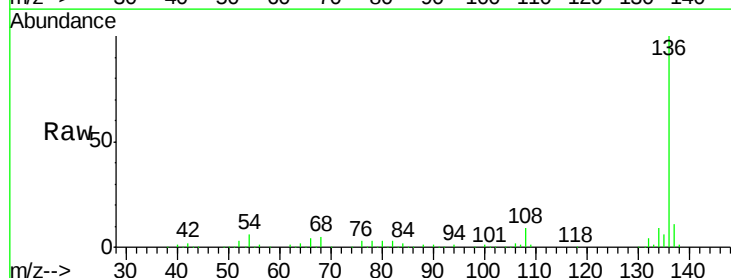
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.3 6.2 9.4

68 5.0 5.0 7.6#

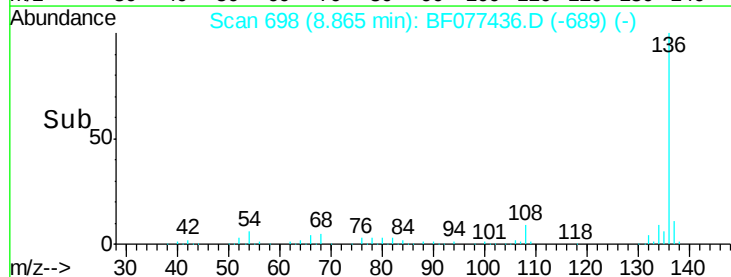
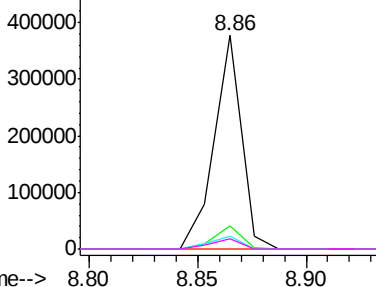


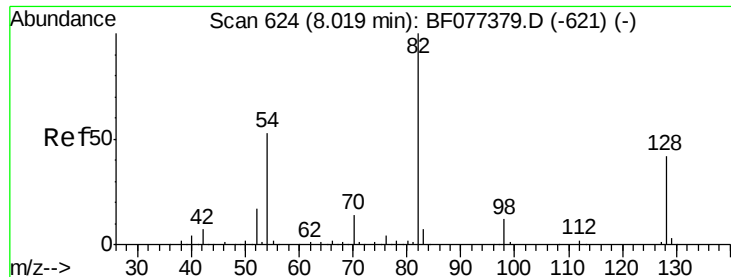
Abundance Ion 136.00 (135.70 to 136.70): E

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

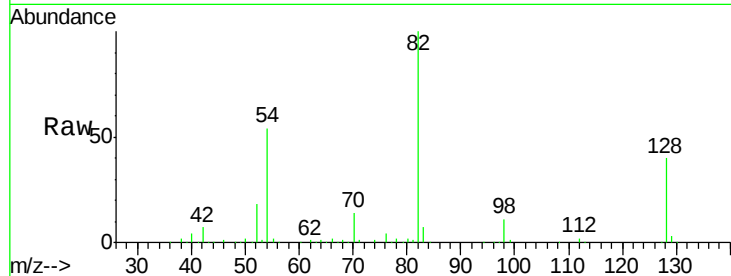




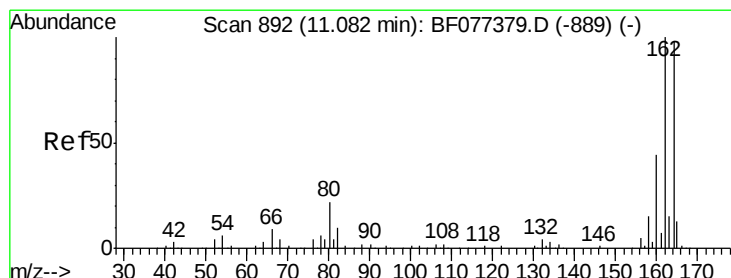
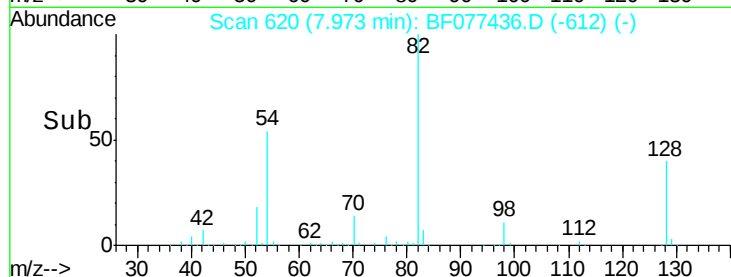
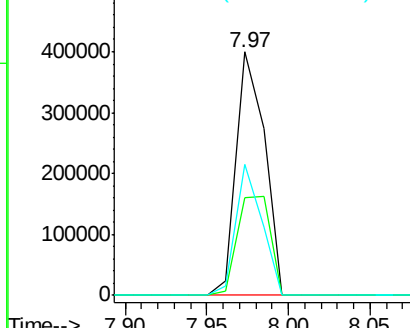
#23
 Nitrobenzene-d5
 Concen: 90.52 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF077436.D
 Acq: 25 Feb 2015 16:27

Instrument :
 BNA_F
 ClientSampleID :
 FB

Tgt Ion: 82 Resp: 479628
 Ion Ratio Lower Upper
 82 100
 128 40.1 43.8 65.8#
 54 53.9 36.7 55.1

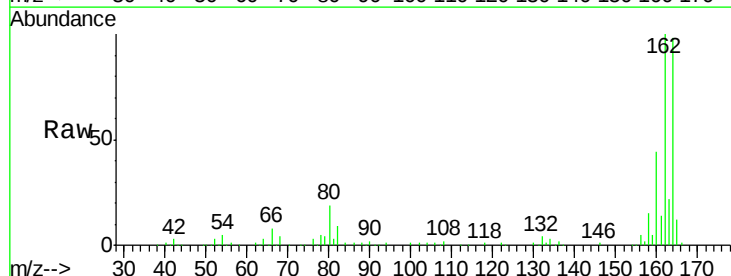


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

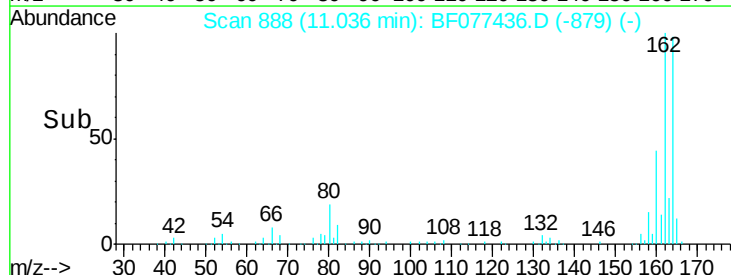
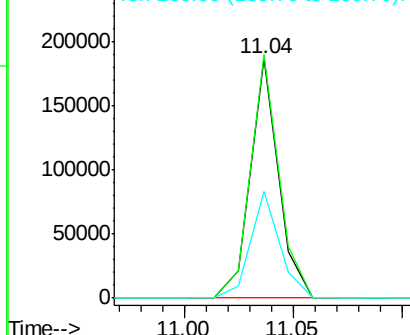


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF077436.D
 Acq: 25 Feb 2015 16:27

Tgt Ion: 164 Resp: 167327
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.2 124.8
 160 44.5 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

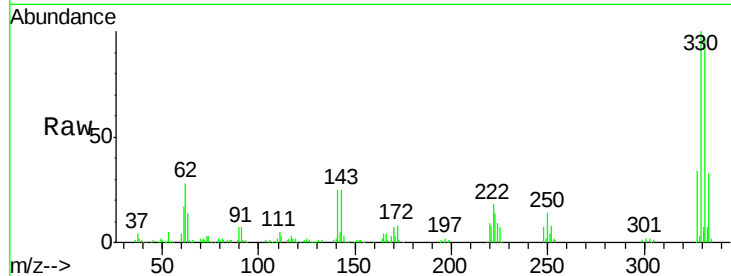




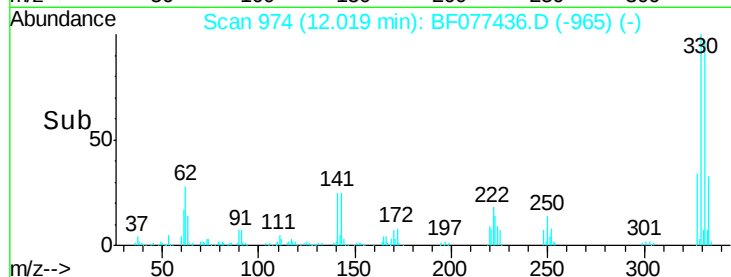
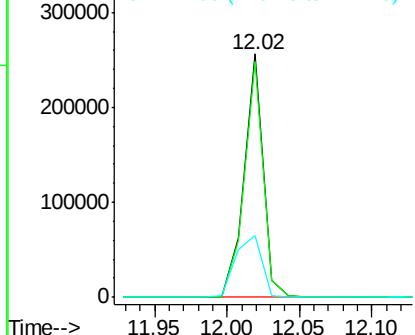
#41
 2,4,6-Tribromophenol
 Concen: 144.87 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF077436.D
 Acq: 25 Feb 2015 16:27

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:330 Resp: 233406
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 34.8 28.8 43.2

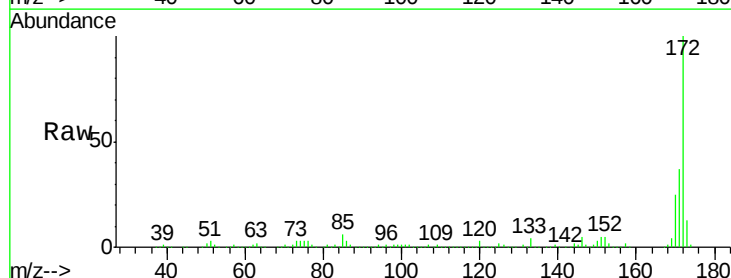


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

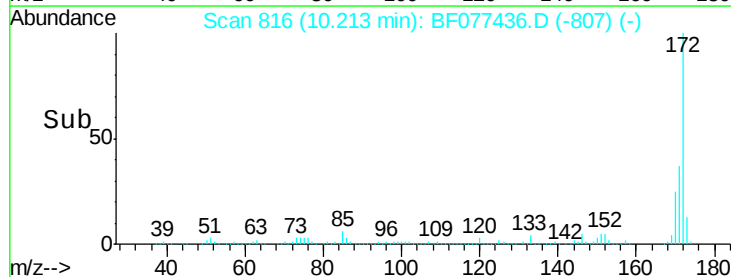
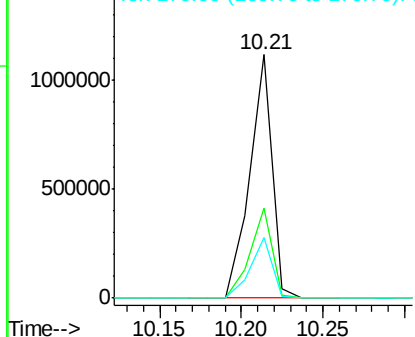


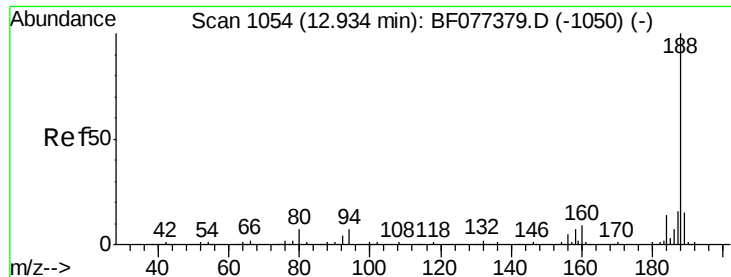
#44
 2-Fluorobiphenyl
 Concen: 98.49 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077436.D
 Acq: 25 Feb 2015 16:27

Tgt Ion:172 Resp: 1056970
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF077436.D

Acq: 25 Feb 2015 16:27

Instrument :

BNA_F

ClientSampleId :

FB

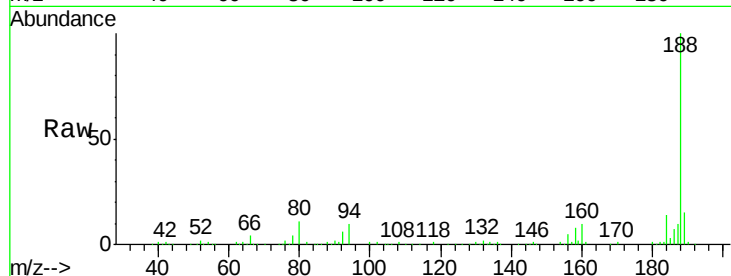
Tgt Ion:188 Resp: 331389

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

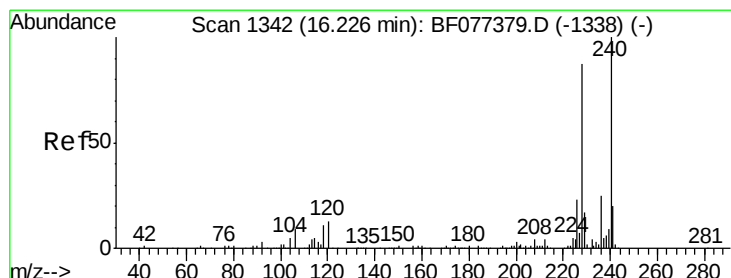
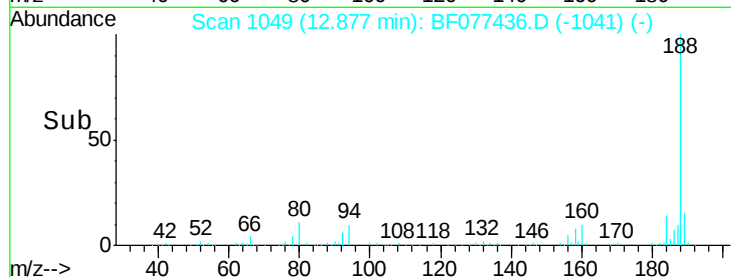
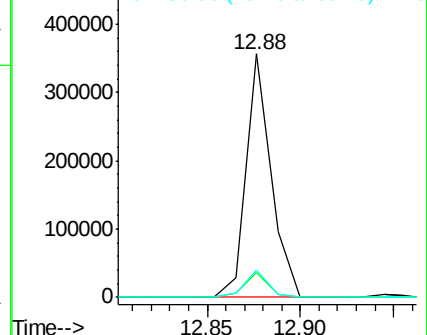
80 11.4 8.0 12.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF077436.D

Acq: 25 Feb 2015 16:27

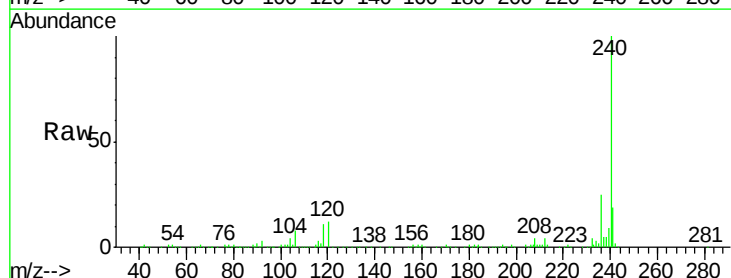
Tgt Ion:240 Resp: 369013

Ion Ratio Lower Upper

240 100

120 11.7 8.8 13.2

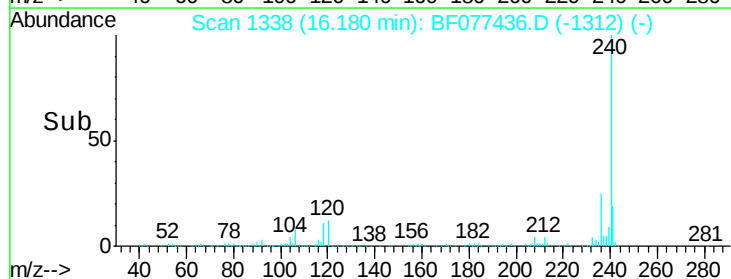
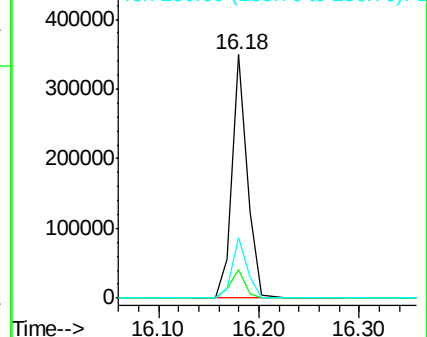
236 24.8 20.7 31.1

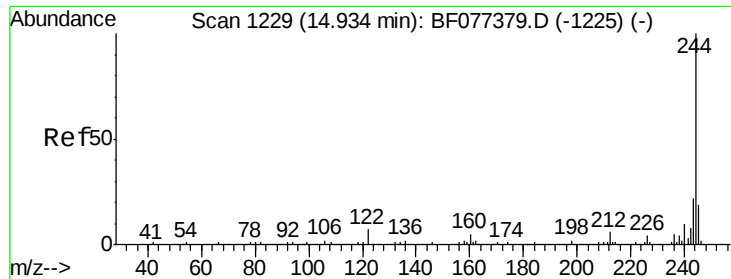


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

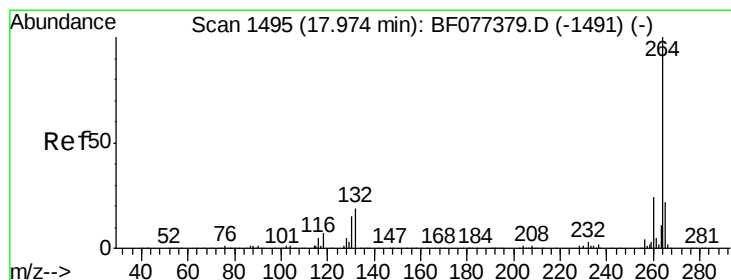
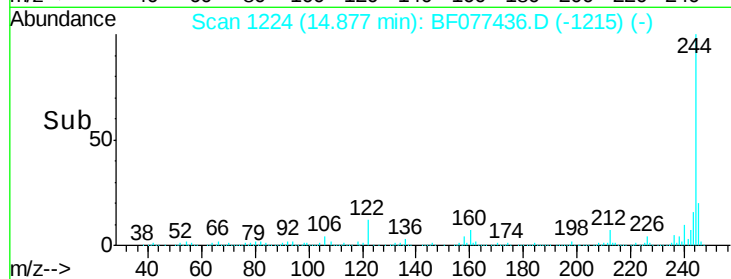
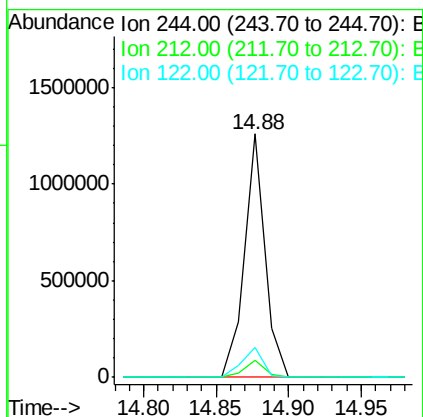
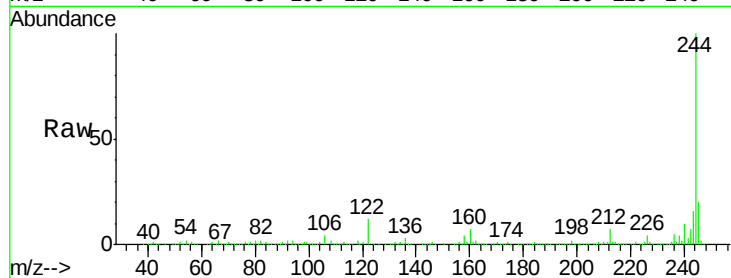




#78
 Terphenyl-d14
 Concen: 78.64 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF077436.D
 Acq: 25 Feb 2015 16:27

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:244 Resp: 1241303
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 12.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1496
 Delta R.T. 0.07 min
 Lab File: BF077436.D
 Acq: 25 Feb 2015 16:27

Tgt Ion:264 Resp: 362423
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.9 16.8 25.2

