

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077556.D
 Acq On : 3 Mar 2015 20:13
 Operator : TP/IZ
 Sample : G1402-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW45

Quant Time: Mar 04 02:16:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

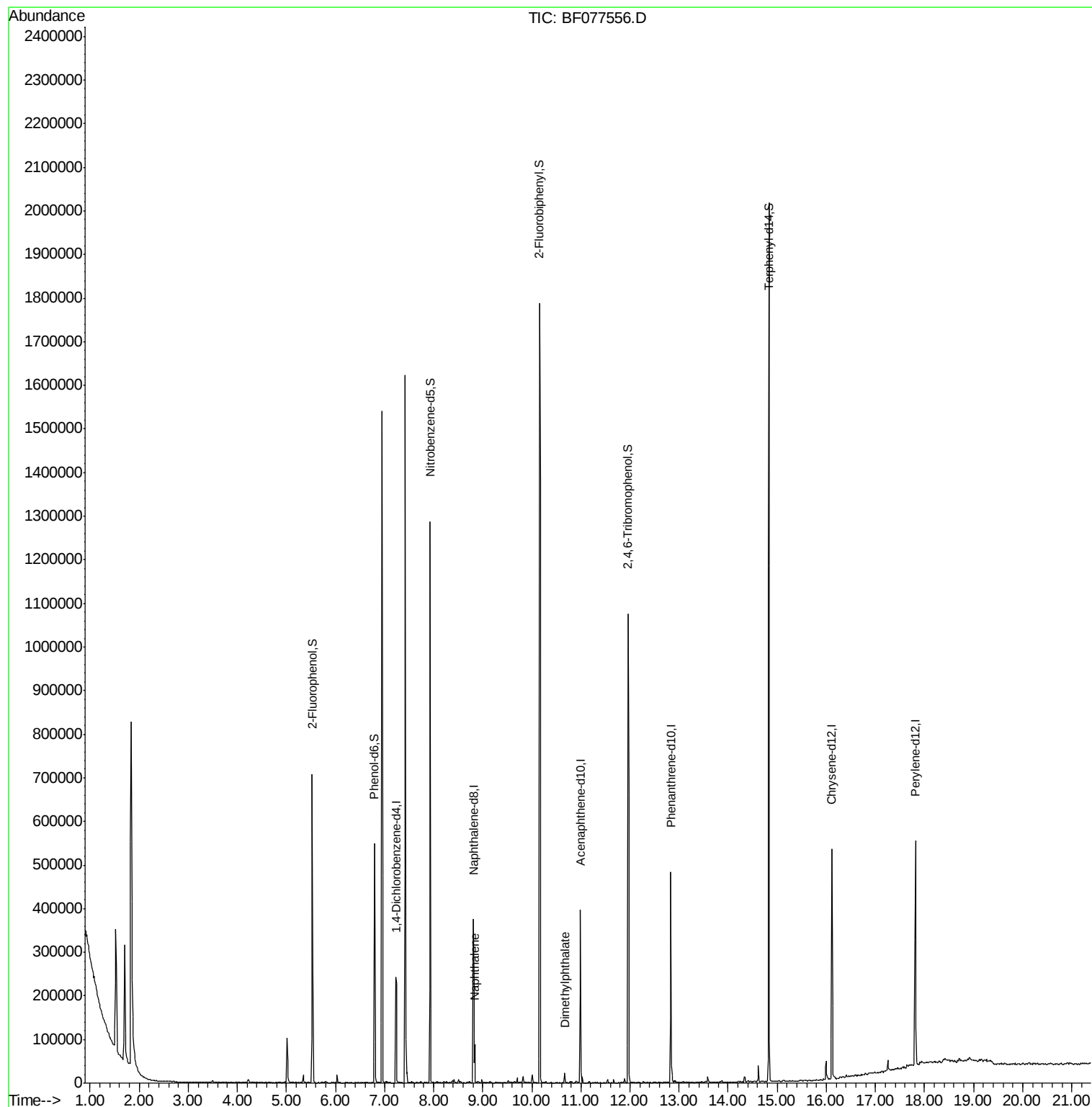
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	55711	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	215437	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	94569	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	190969	20.00	ng	0.00
75) Chrysene-d12	16.11	240	206193	20.00	ng	-0.04
86) Perylene-d12	17.81	264	240902	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	221635	66.42	ng	0.00
7) Phenol-d6	6.80	99	177351	41.33	ng	0.00
23) Nitrobenzene-d5	7.93	82	392347	113.25	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	160555	176.32	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	785160	129.46	ng	0.00
78) Terphenyl-d14	14.83	244	816095	92.53	ng	0.00
Target Compounds						
31) Naphthalene	8.84	128	45635	4.24	ng	Qvalue 98
49) Dimethylphthalate	10.67	163	14471	2.18	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF077556.D

Acq: 3 Mar 2015 20:13

Instrument :

BNA_F

ClientSampleId :

MW45

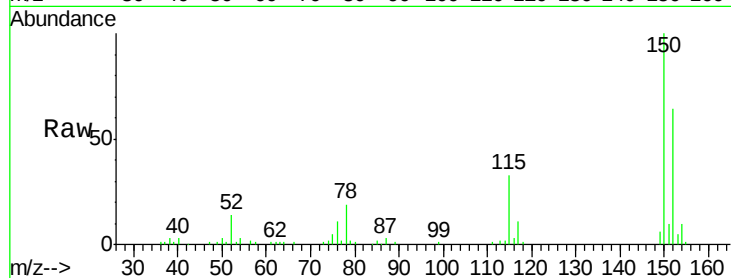
Tgt Ion:152 Resp: 55711

Ion Ratio Lower Upper

152 100

150 155.2 124.0 186.0

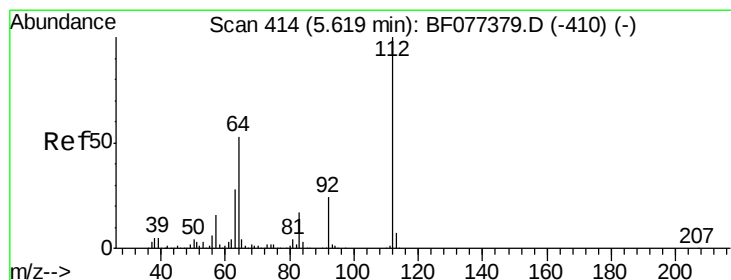
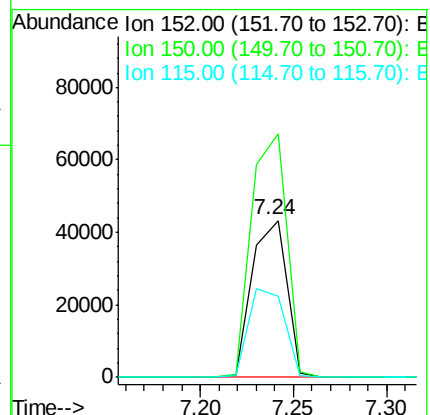
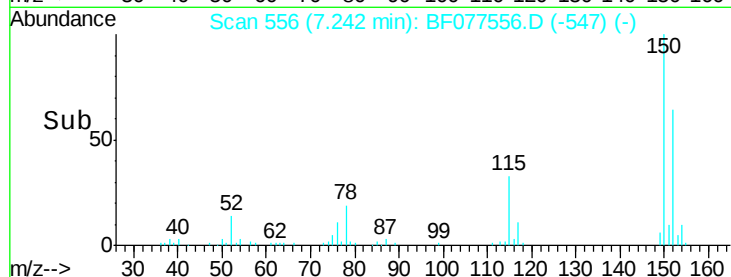
115 51.3 49.4 74.2



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: 66.42 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077556.D

Acq: 3 Mar 2015 20:13

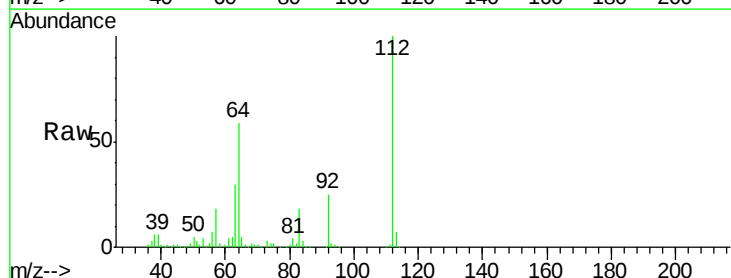
Tgt Ion:112 Resp: 221635

Ion Ratio Lower Upper

112 100

64 58.8 48.5 72.7

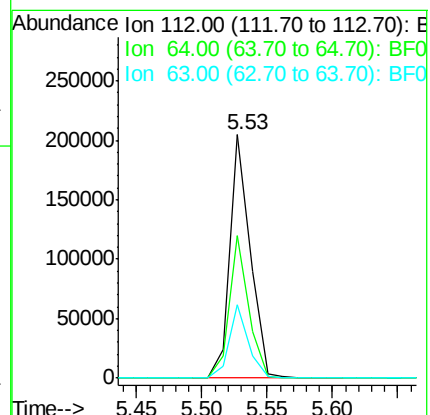
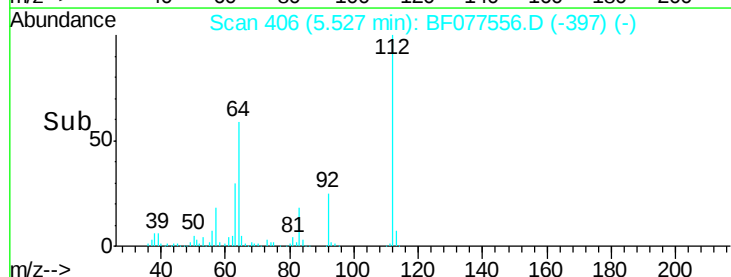
63 29.9 25.0 37.4



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: 41.33 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077556.D

Acq: 3 Mar 2015 20:13

Instrument :

BNA_F

ClientSampleId :

MW45

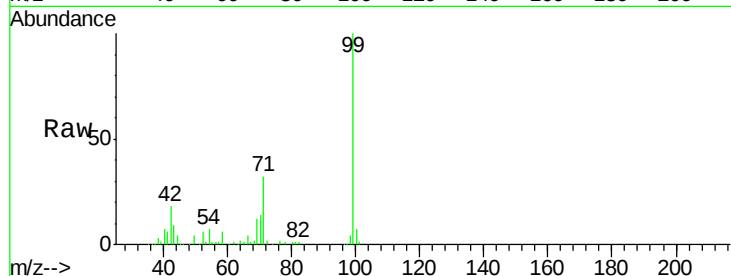
Tgt Ion: 99 Resp: 177351

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.4

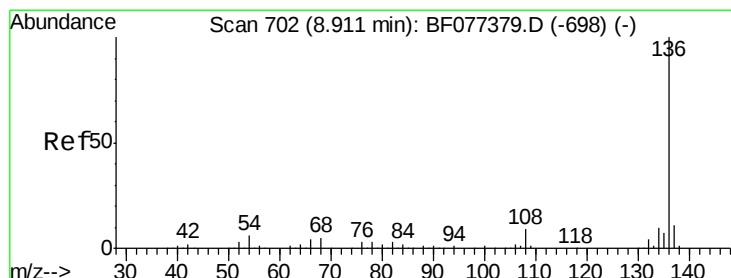
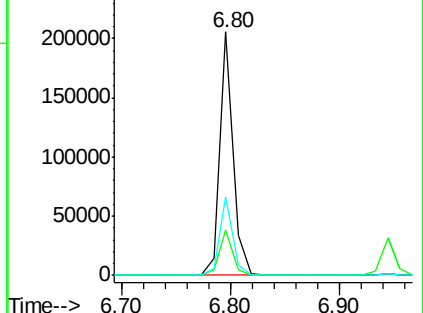
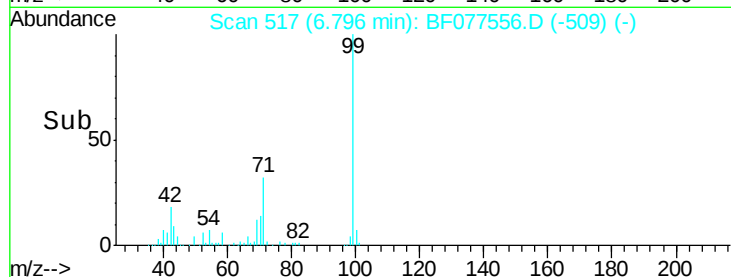
71 32.5 26.7 40.1



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: 8.81 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF077556.D

Acq: 3 Mar 2015 20:13

Tgt Ion: 136 Resp: 215437

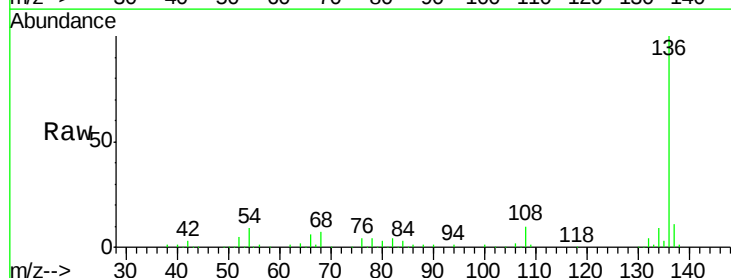
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.1 6.2 9.4

68 6.7 5.0 7.6

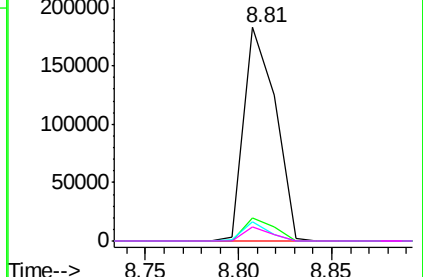
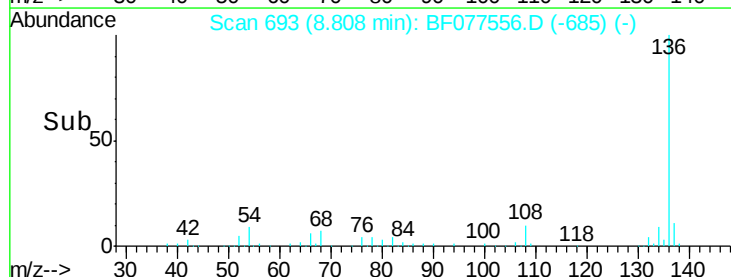


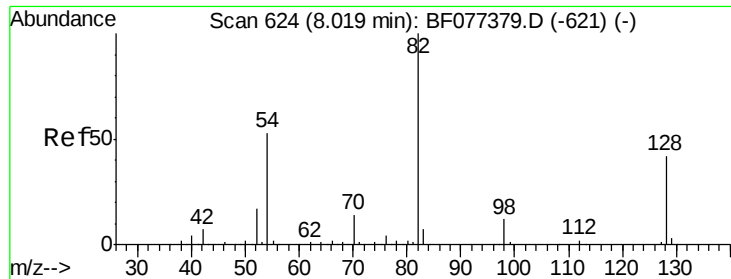
Abundance Ion 136.00 (135.70 to 136.70): E

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

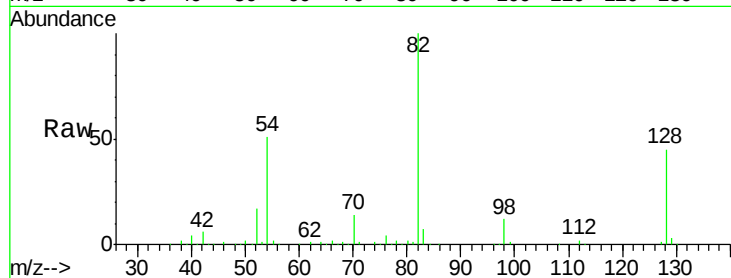




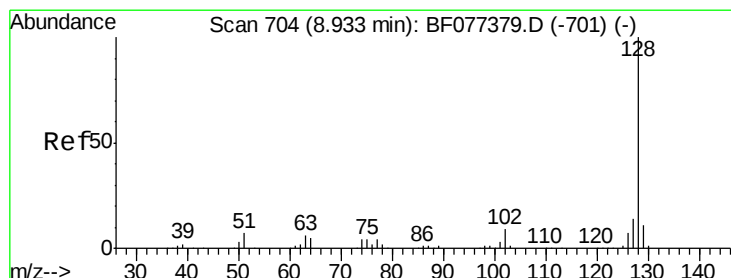
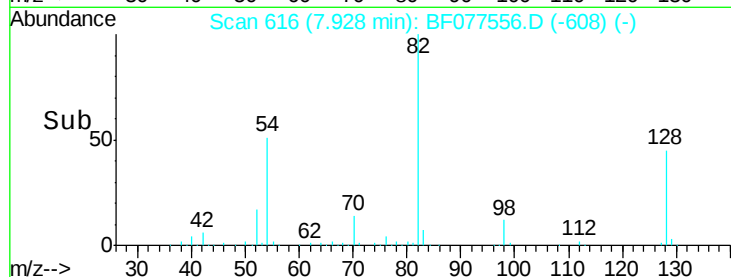
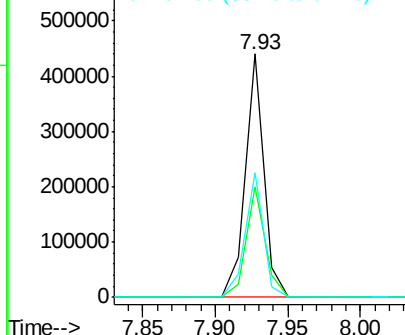
#23
 Nitrobenzene-d5
 Concen: 113.25 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077556.D
 Acq: 3 Mar 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 MW45

Tgt Ion: 82 Resp: 392347
 Ion Ratio Lower Upper
 82 100
 128 45.2 43.8 65.8
 54 51.2 36.7 55.1

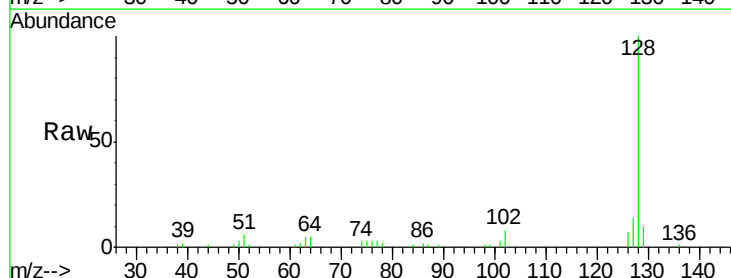


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

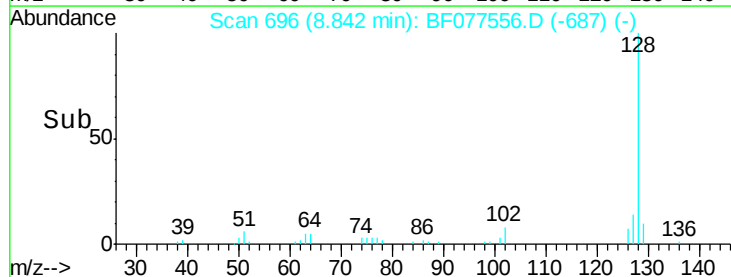
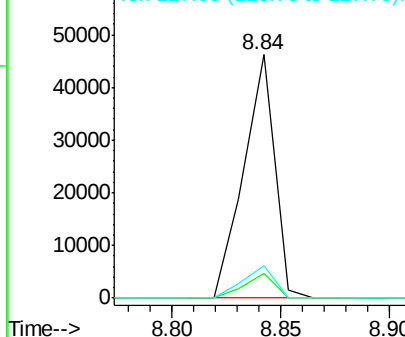


#31
 Naphthalene
 Concen: 4.24 ng
 RT: 8.84 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF077556.D
 Acq: 3 Mar 2015 20:13

Tgt Ion: 128 Resp: 45635
 Ion Ratio Lower Upper
 128 100
 129 10.3 9.4 14.0
 127 13.5 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

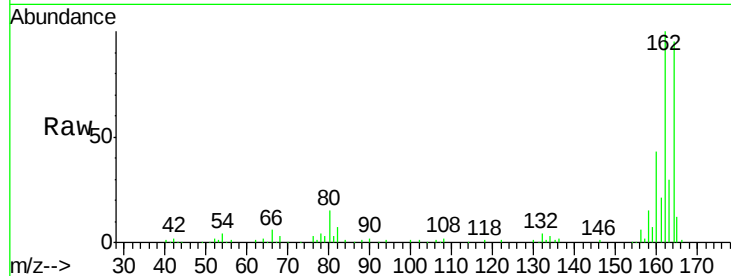




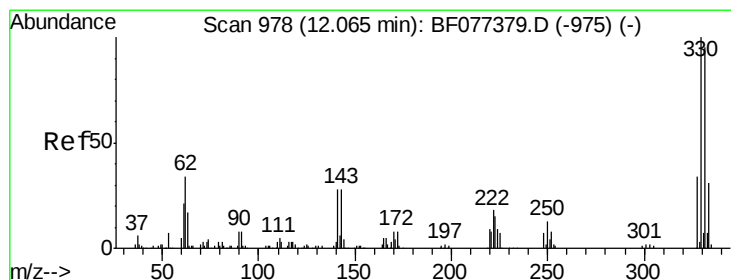
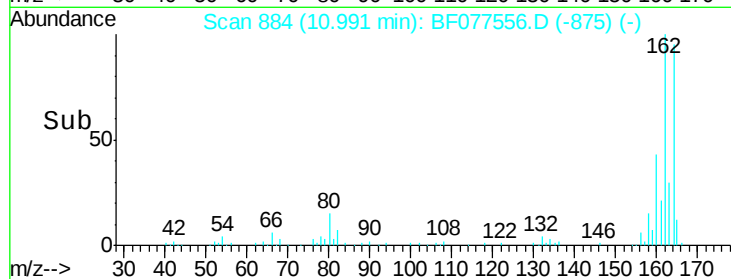
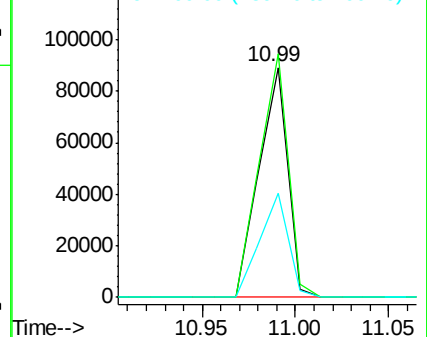
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF077556.D
Acq: 3 Mar 2015 20:13

Instrument :
BNA_F
ClientSampleId :
MW45

Tgt Ion:164 Resp: 94569
Ion Ratio Lower Upper
164 100
162 105.8 83.2 124.8
160 45.0 34.6 52.0

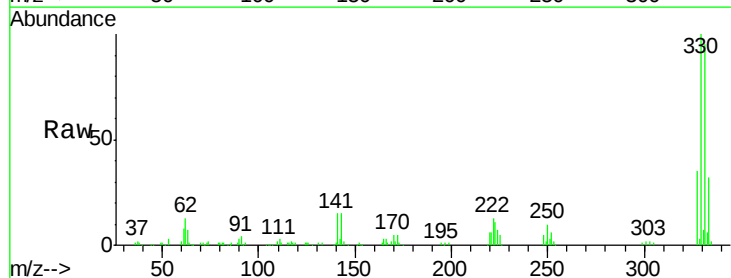


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

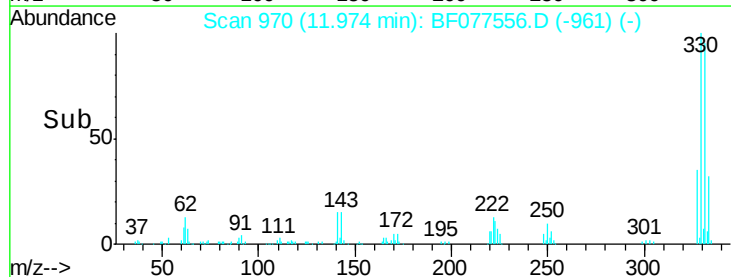
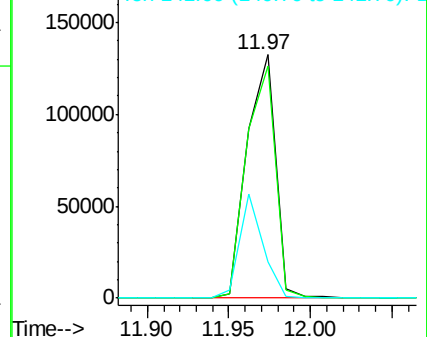


#41
2,4,6-Tribromophenol
Concen: 176.32 ng
RT: 11.97 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF077556.D
Acq: 3 Mar 2015 20:13

Tgt Ion:330 Resp: 160555
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 35.1 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

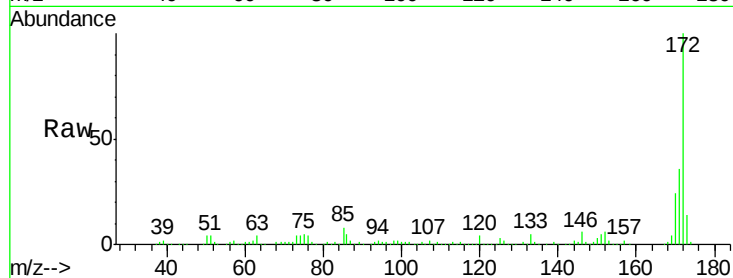




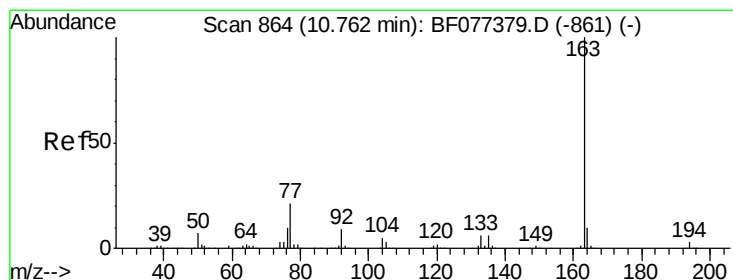
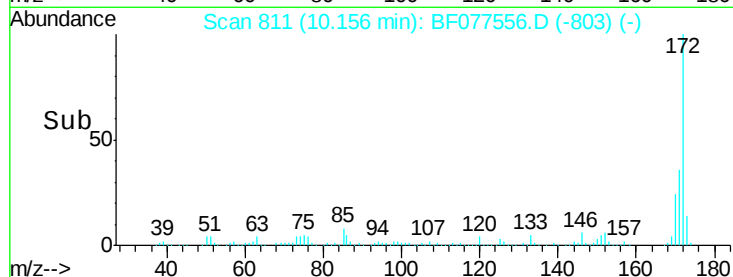
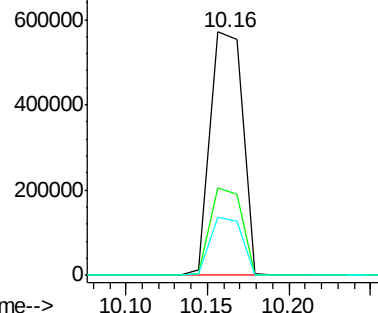
#44
 2-Fluorobiphenyl
 Concen: 129.46 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077556.D
 Acq: 3 Mar 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 MW45

Tgt Ion:172 Resp: 785160
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.9 19.4 29.2

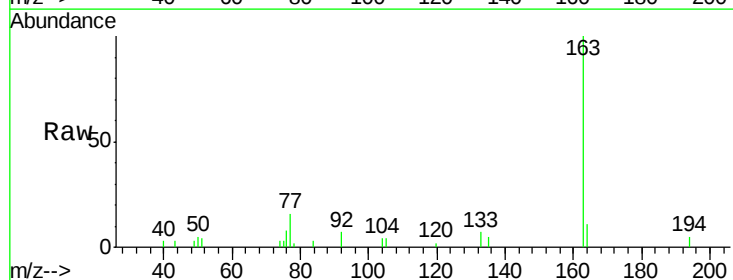


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

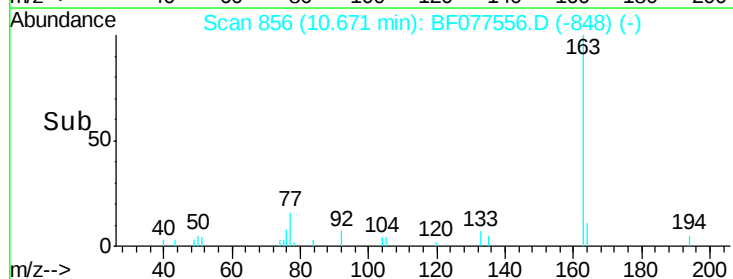
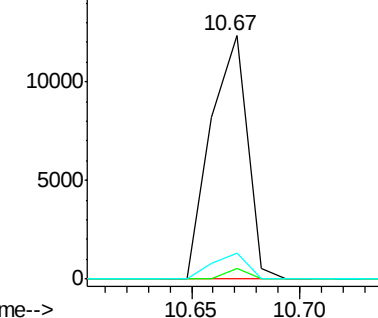


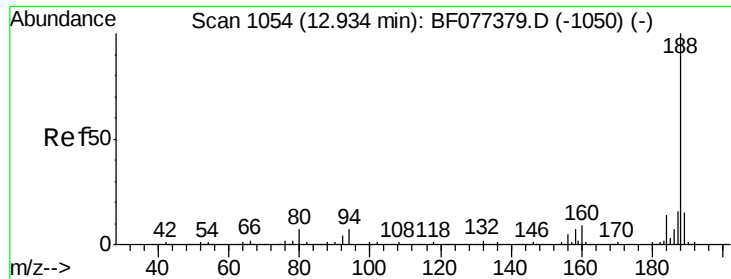
#49
 Dimethylphthalate
 Concen: 2.18 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF077556.D
 Acq: 3 Mar 2015 20:13

Tgt Ion:163 Resp: 14471
 Ion Ratio Lower Upper
 163 100
 194 4.6 2.6 4.0#
 164 10.5 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

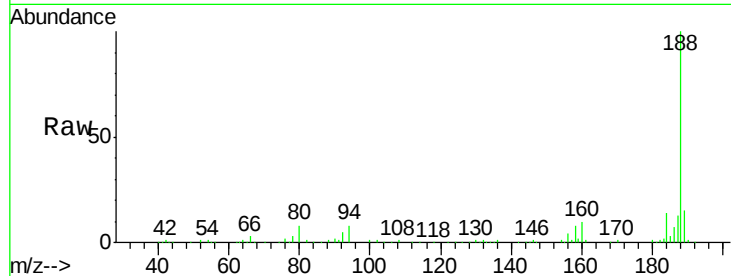




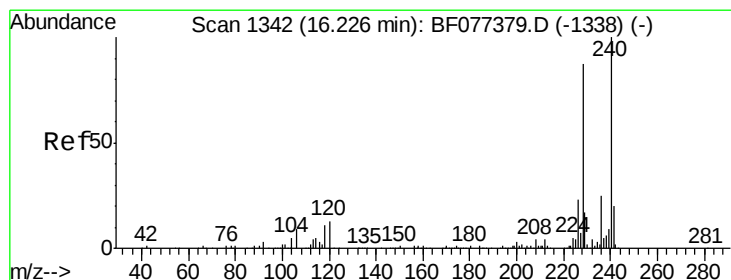
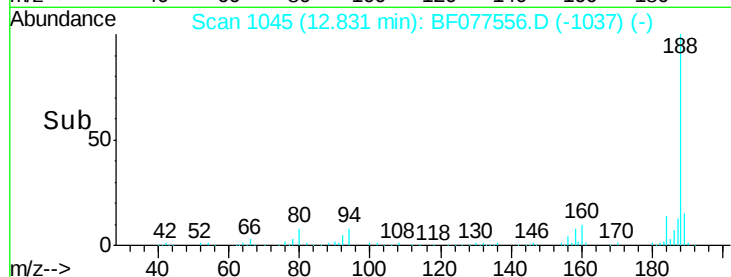
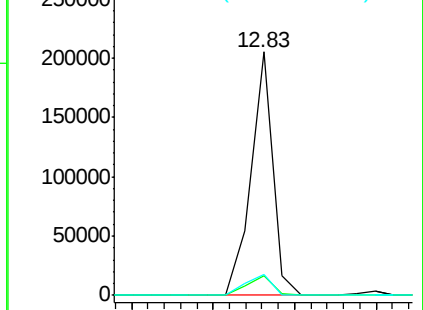
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077556.D
Acq: 3 Mar 2015 20:13

Instrument :
BNA_F
ClientSampled :
MW45

Tgt Ion:188 Resp: 190969
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.5 8.0 12.0

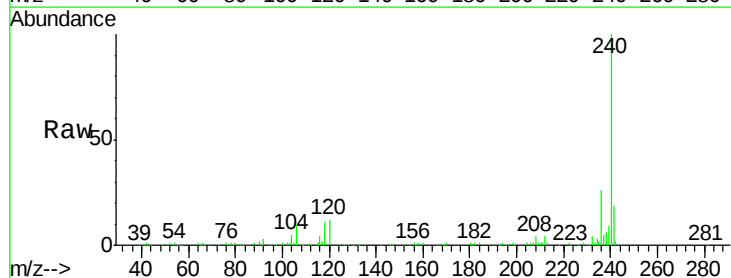


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

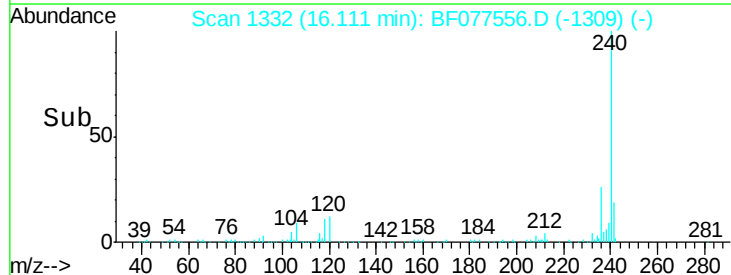
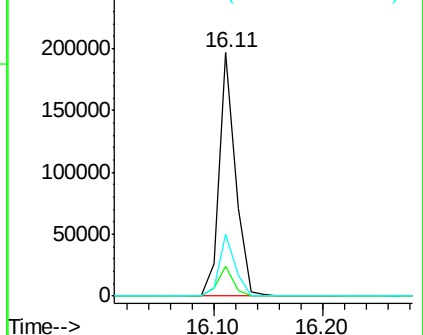


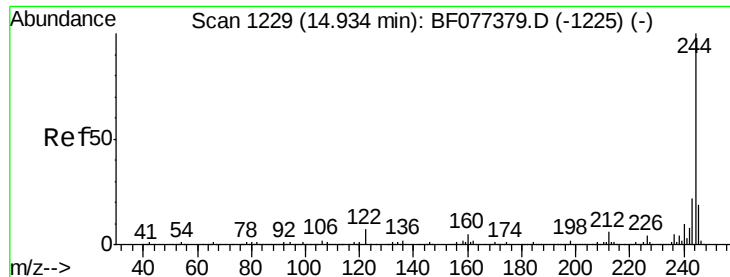
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BF077556.D
Acq: 3 Mar 2015 20:13

Tgt Ion:240 Resp: 206193
Ion Ratio Lower Upper
240 100
120 12.2 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

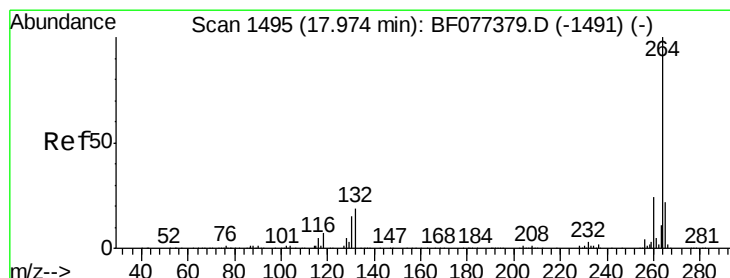
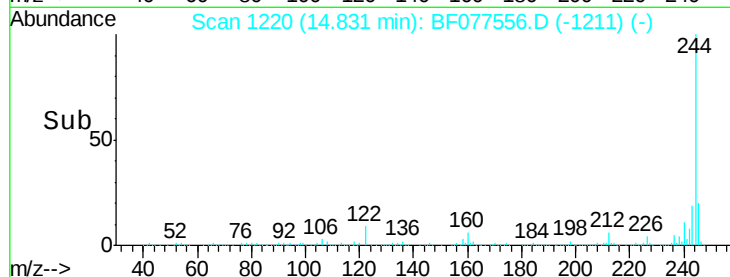
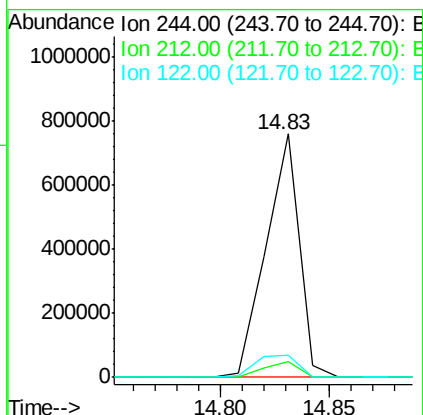
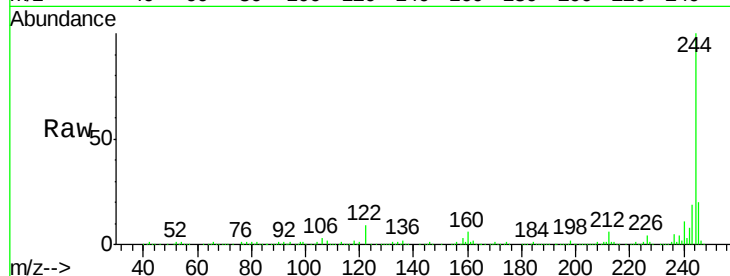




#78
 Terphenyl-d14
 Concen: 92.53 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF077556.D
 Acq: 3 Mar 2015 20:13

Instrument :
 BNA_F
 ClientSampleID :
 MW45

Tgt Ion:244 Resp: 816095
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 9.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. -0.16 min
 Lab File: BF077556.D
 Acq: 3 Mar 2015 20:13

Tgt Ion:264 Resp: 240902
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.0 16.8 25.2

