

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077434.D
 Acq On : 25 Feb 2015 15:29
 Operator : IZ / TP
 Sample : G1353-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Feb 26 03:36:29 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

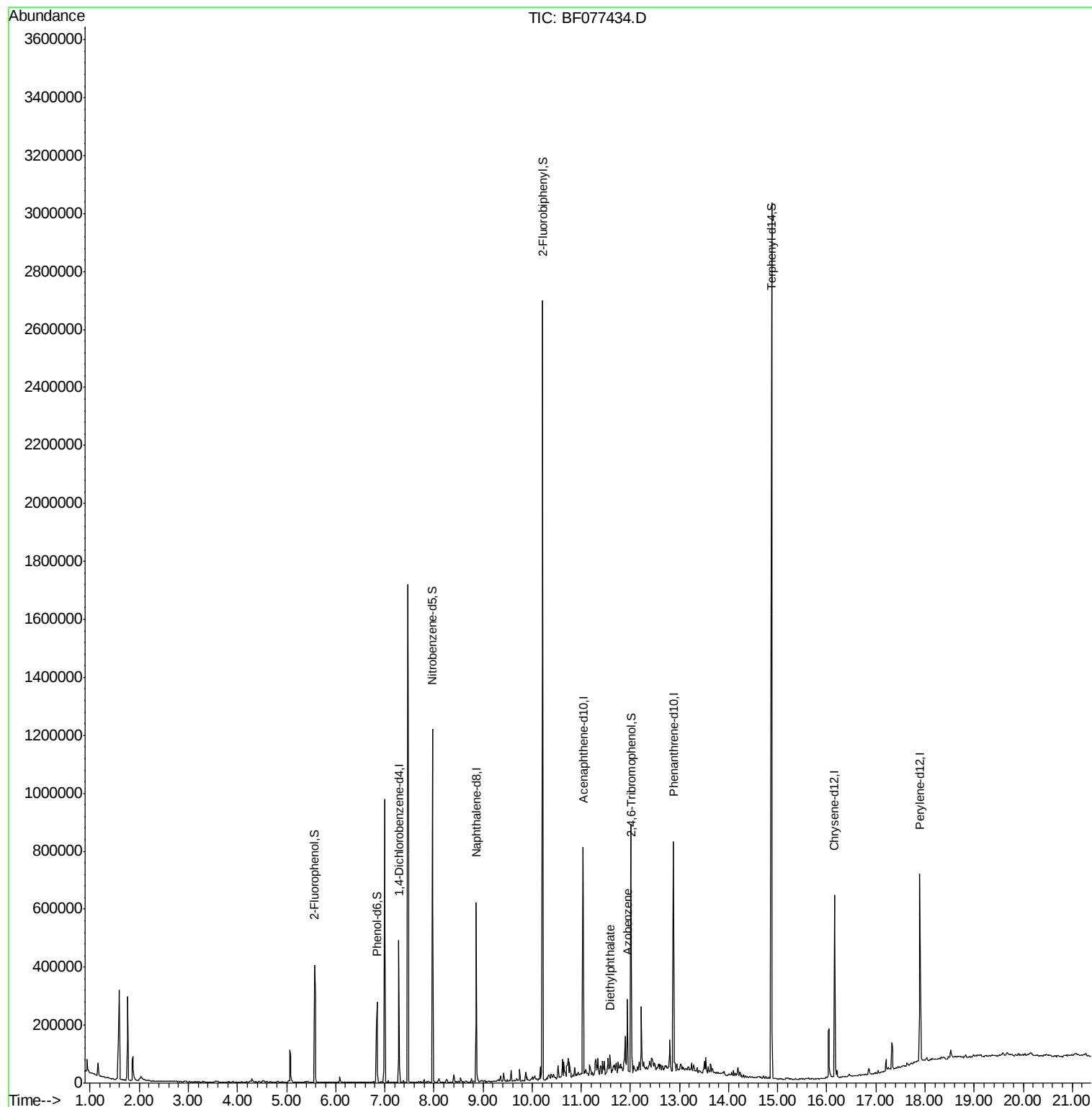
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75489	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	292882	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	152387	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	293313	20.00	ng	-0.01
75) Chrysene-d12	16.16	240	322052	20.00	ng	-0.02
86) Perylene-d12	17.89	264	298560	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	151715	33.55	ng	-0.01
7) Phenol-d6	6.84	99	127821	21.99	ng	0.00
23) Nitrobenzene-d5	7.97	82	450271	95.60	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	135052	92.04	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	1019702	104.34	ng	0.00
78) Terphenyl-d14	14.88	244	1189263	86.33	ng	0.00
Target Compounds						
59) Diethylphthalate	11.59	149	23136	2.19	ng	Qvalue 99
62) Azobenzene	11.94	77	51636	5.15	ng	# 1

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

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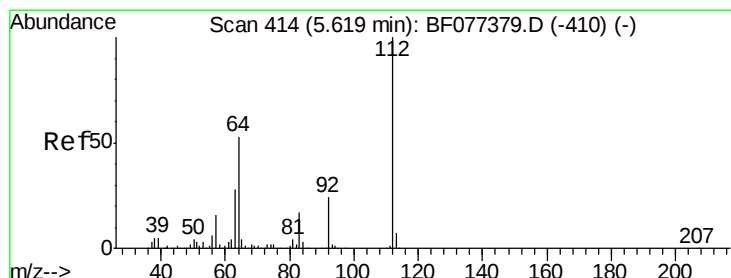
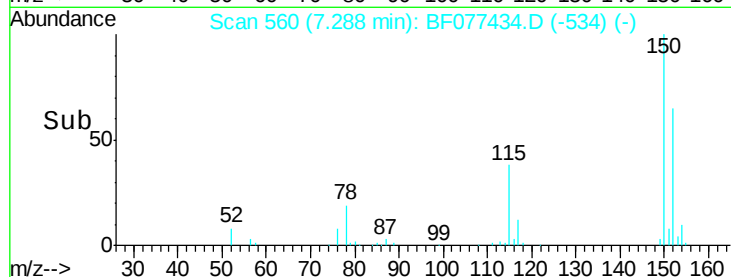
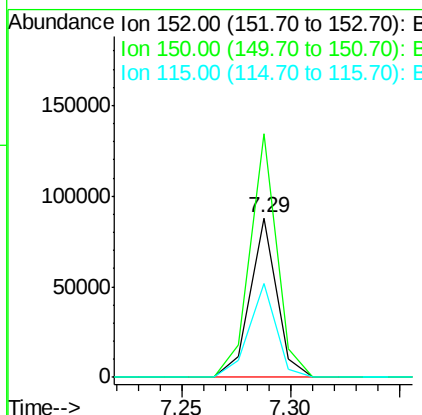
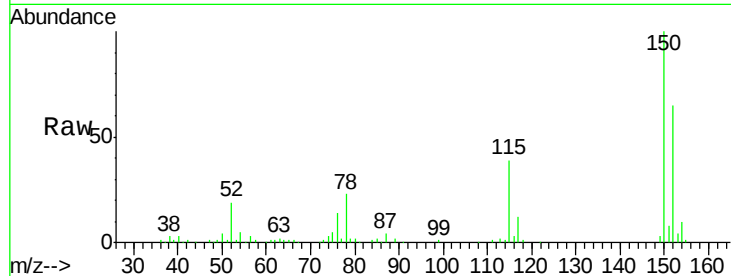


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF077434.D
Acq: 25 Feb 2015 15:29

Instrument :
BNA_F
ClientSampleId :
MW-2

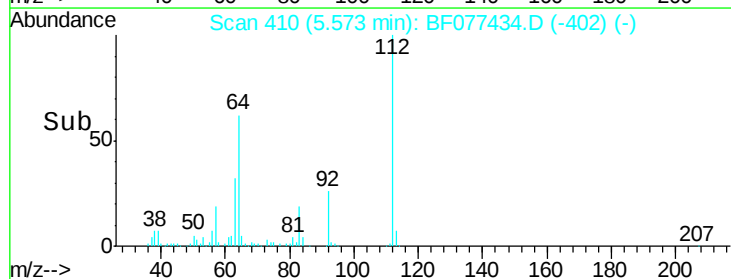
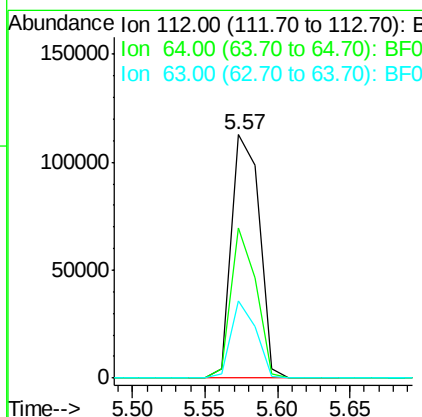
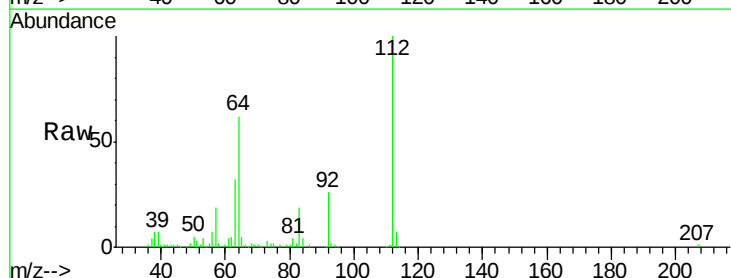
Tgt Ion:152 Resp: 75489
Ion Ratio Lower Upper
152 100
150 152.8 124.0 186.0
115 59.2 49.4 74.2



#5

2-Fluorophenol
Concen: 33.55 ng
RT: 5.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF077434.D
Acq: 25 Feb 2015 15:29

Tgt Ion:112 Resp: 151715
Ion Ratio Lower Upper
112 100
64 61.9 48.5 72.7
63 32.0 25.0 37.4





#7

Phenol-d6

Concen: 21.99 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

Instrument :

BNA_F

ClientSampleId :

MW-2

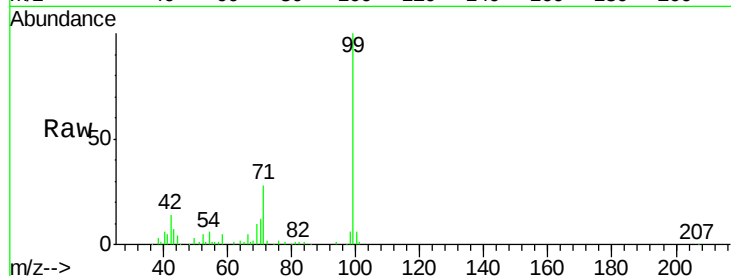
Tgt Ion: 99 Resp: 127821

Ion Ratio Lower Upper

99 100

42 14.1 16.2 24.4#

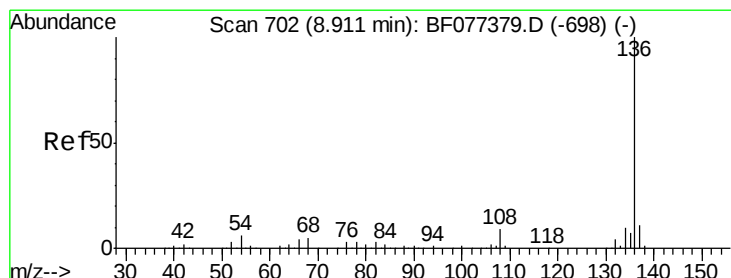
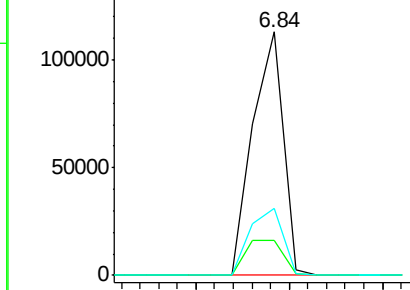
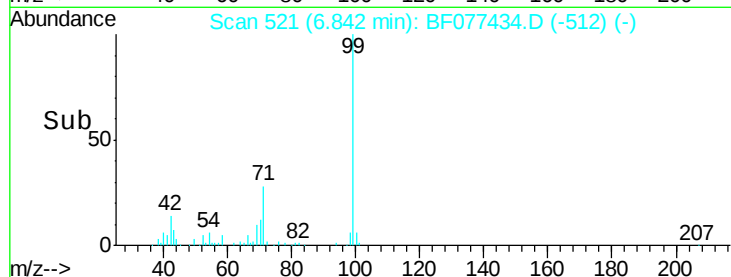
71 27.7 26.7 40.1



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: 8.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

Tgt Ion: 136 Resp: 292882

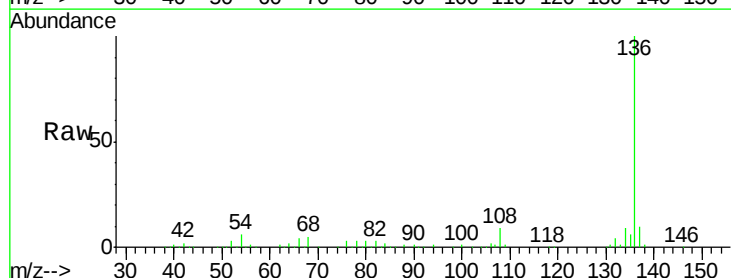
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 6.5 6.2 9.4

68 5.0 5.0 7.6#

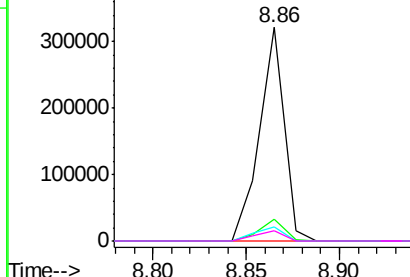
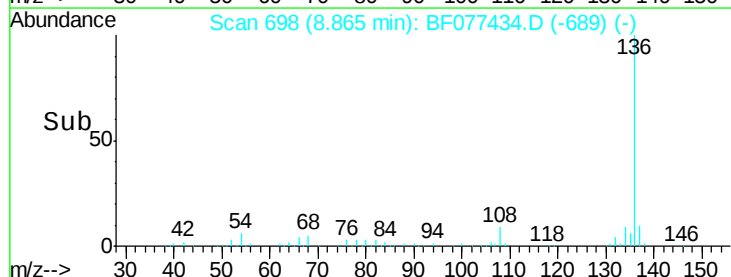


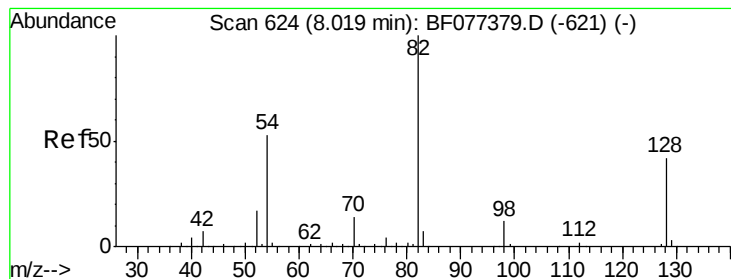
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.60 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

Instrument :

BNA_F

ClientSampled :

MW-2

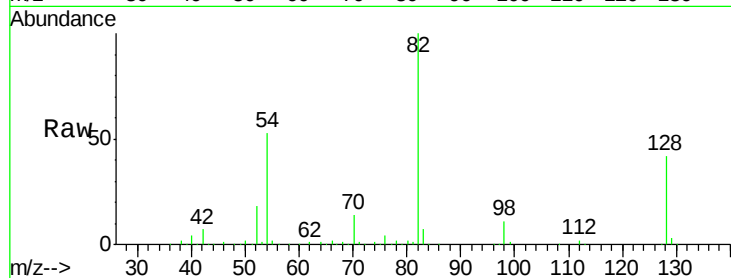
Tgt Ion: 82 Resp: 450271

Ion Ratio Lower Upper

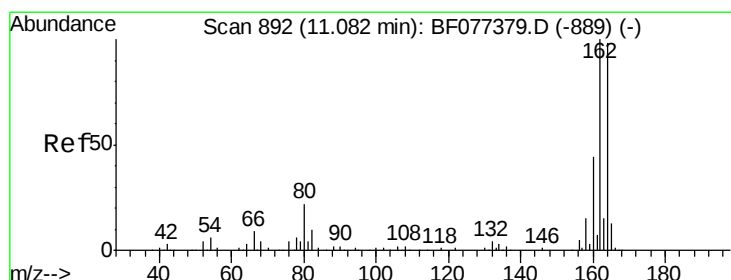
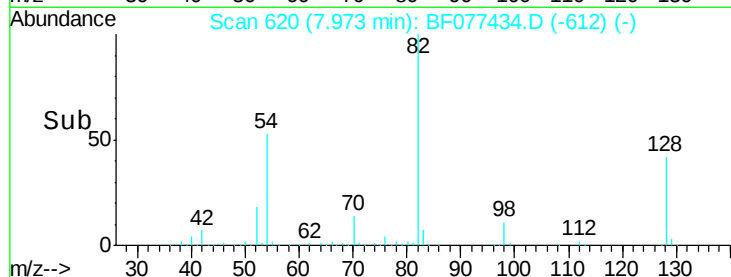
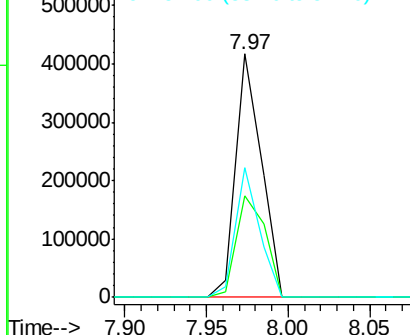
82 100

128 41.6 43.8 65.8#

54 53.2 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

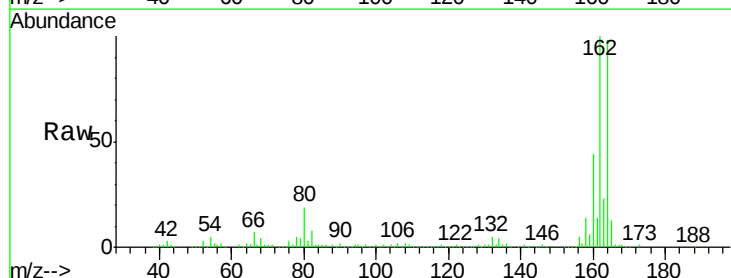
Tgt Ion: 164 Resp: 152387

Ion Ratio Lower Upper

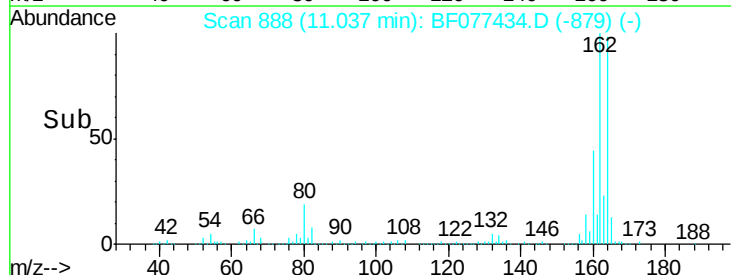
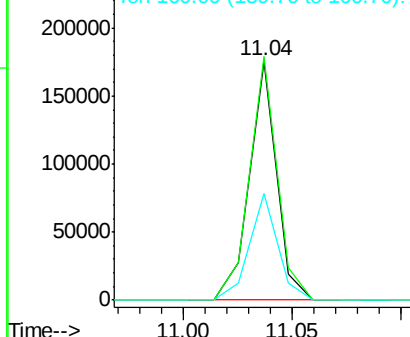
164 100

162 101.8 83.2 124.8

160 44.4 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

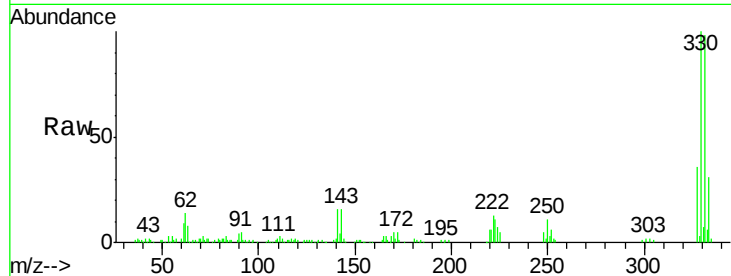




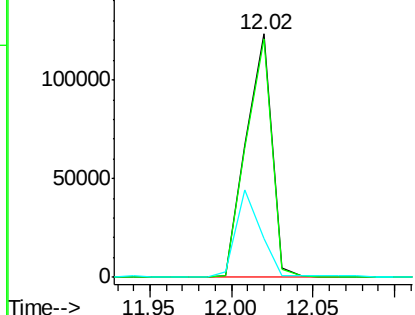
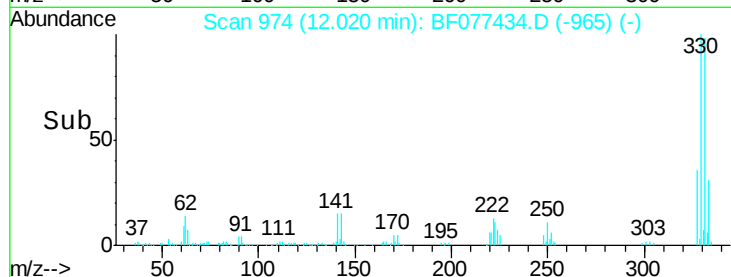
#41
 2,4,6-Tribromophenol
 Concen: 92.04 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF077434.D
 Acq: 25 Feb 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:330 Resp: 135052
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 33.9 28.8 43.2

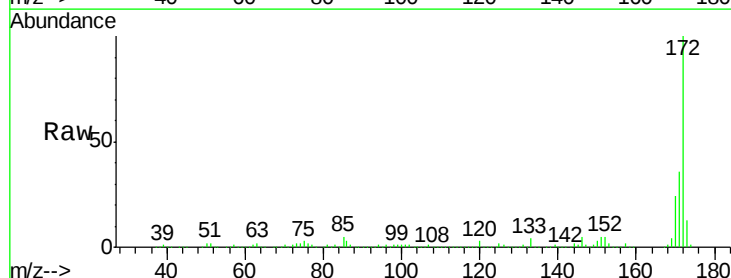


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

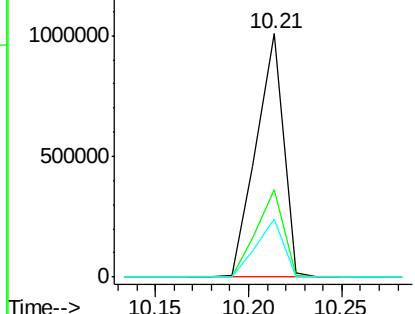
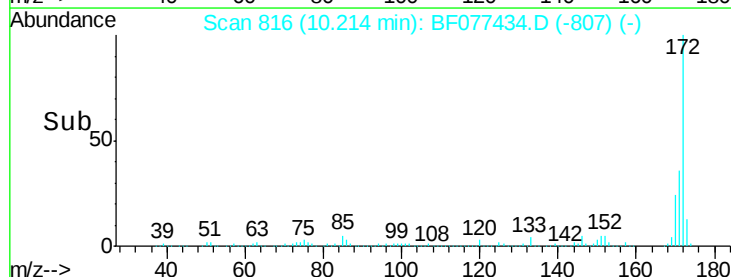


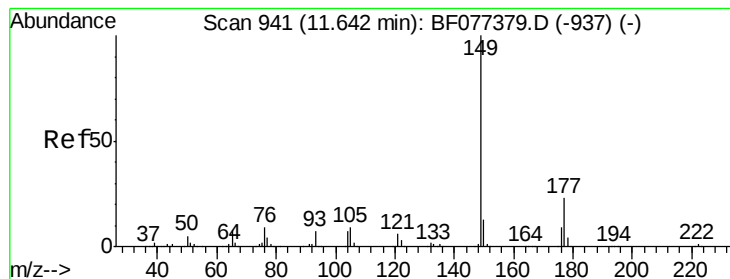
#44
 2-Fluorobiphenyl
 Concen: 104.34 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077434.D
 Acq: 25 Feb 2015 15:29

Tgt Ion:172 Resp: 1019702
 Ion Ratio Lower Upper
 172 100
 171 36.0 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





#59

Diethylphthalate

Concen: 2.19 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

Instrument :

BNA_F

ClientSampleId :

MW-2

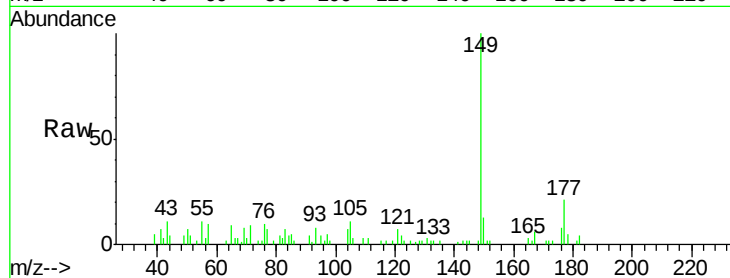
Tgt Ion: 149 Resp: 23136

Ion Ratio Lower Upper

149 100

177 21.1 17.2 25.8

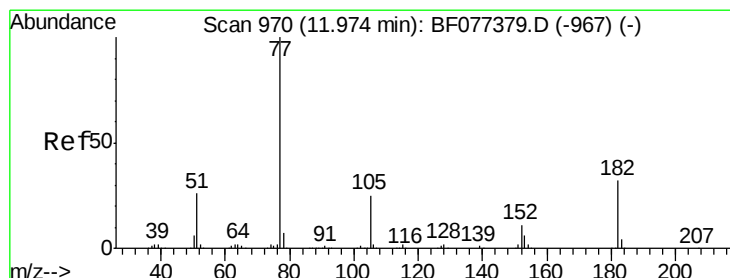
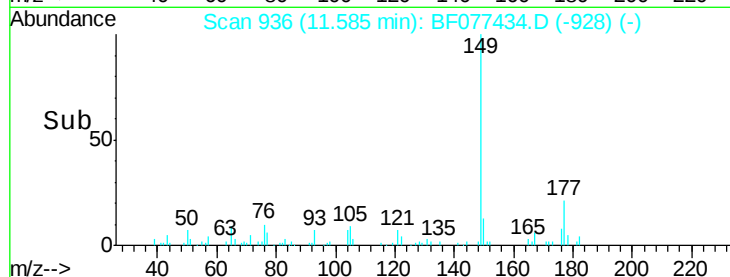
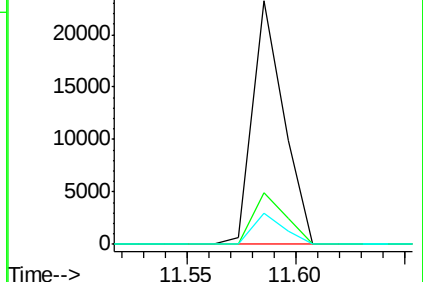
150 12.7 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 5.15 ng

RT: 11.94 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

Tgt Ion: 77 Resp: 51636

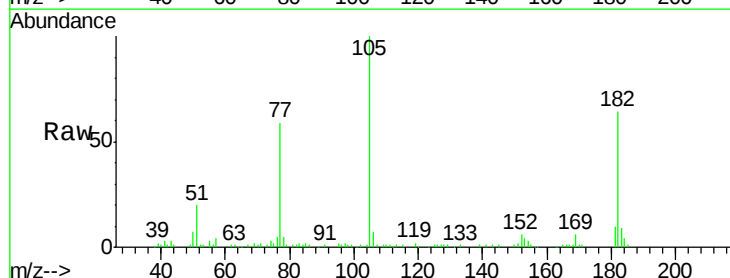
Ion Ratio Lower Upper

77 100

182 108.8 4.9 44.9#

105 169.0 3.3 43.3#

51 34.4 8.9 48.9

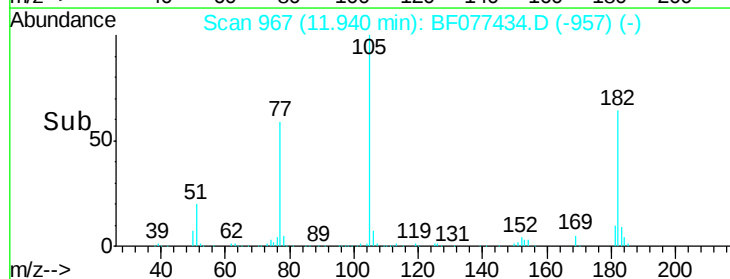
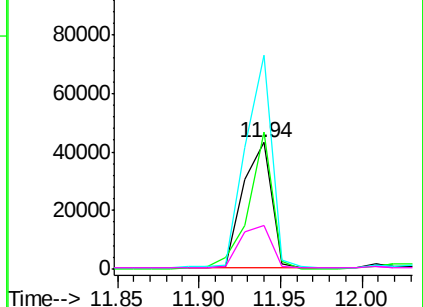


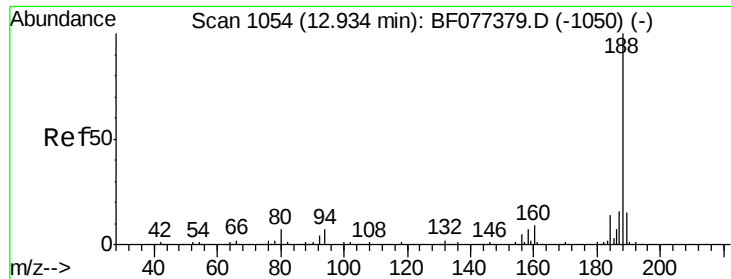
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

Instrument :

BNA_F

ClientSampleId :

MW-2

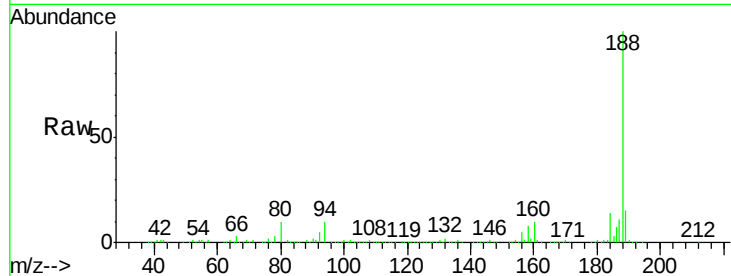
Tgt Ion:188 Resp: 293313

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

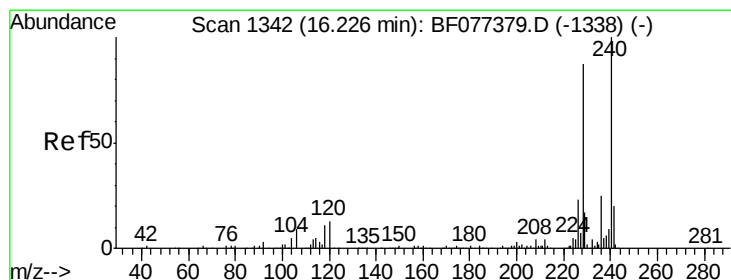
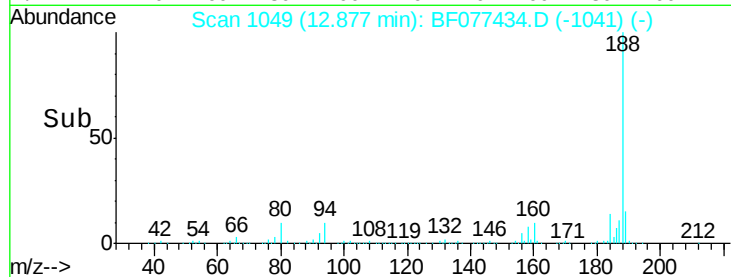
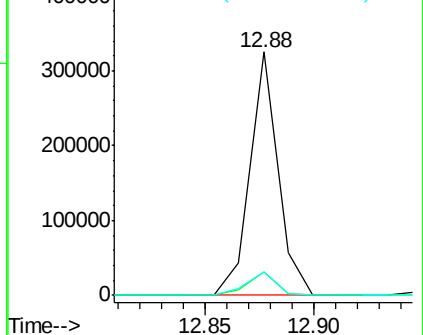
80 9.6 8.0 12.0



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: 16.16 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF077434.D

Acq: 25 Feb 2015 15:29

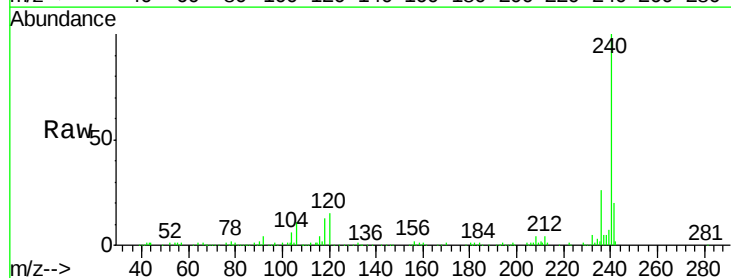
Tgt Ion:240 Resp: 322052

Ion Ratio Lower Upper

240 100

120 15.0 8.8 13.2#

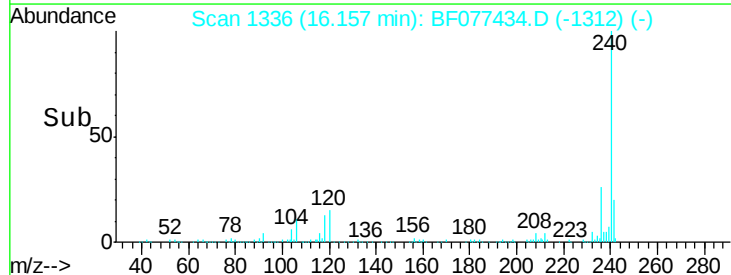
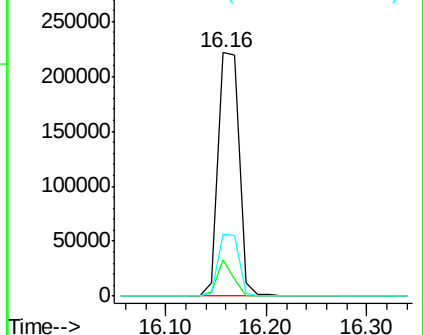
236 25.6 20.7 31.1

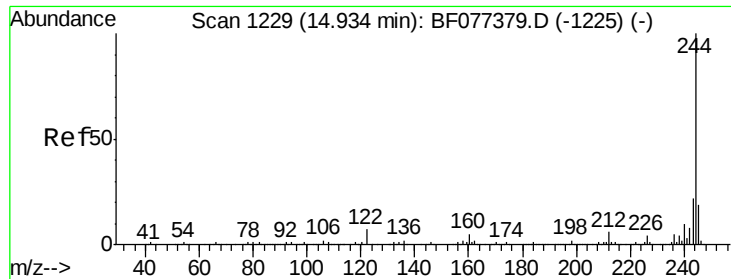


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

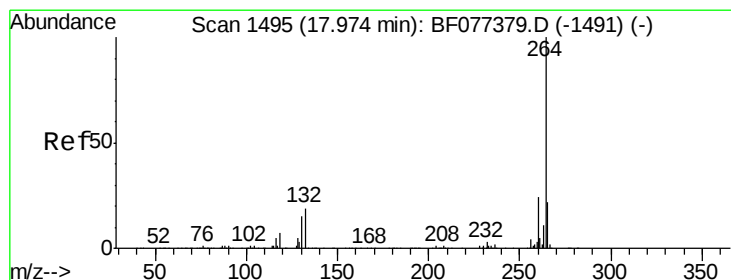
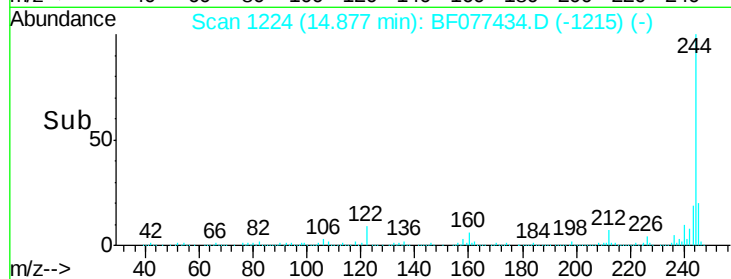
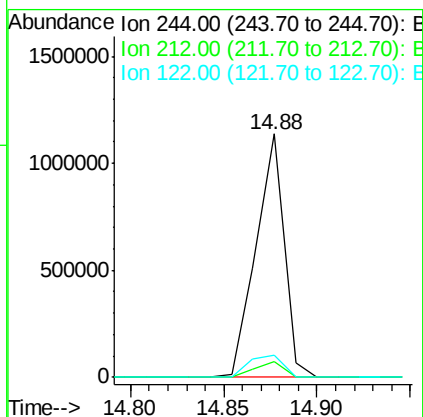
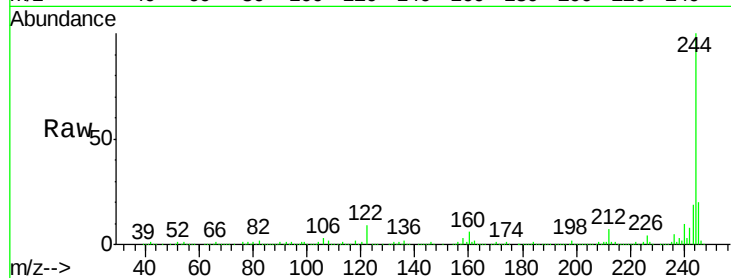




#78
 Terphenyl-d14
 Concen: 86.33 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF077434.D
 Acq: 25 Feb 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1189263
 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: 17.89 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BF077434.D
 Acq: 25 Feb 2015 15:29

Tgt Ion:264 Resp: 298560
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 22.1 16.8 25.2

