

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075573.D
 Acq On : 16 Nov 2014 9:48
 Operator : TP / JJ
 Sample : F4737-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-005

Quant Time: Nov 17 04:33:04 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 04:16:34 2014
 Response via : Initial Calibration

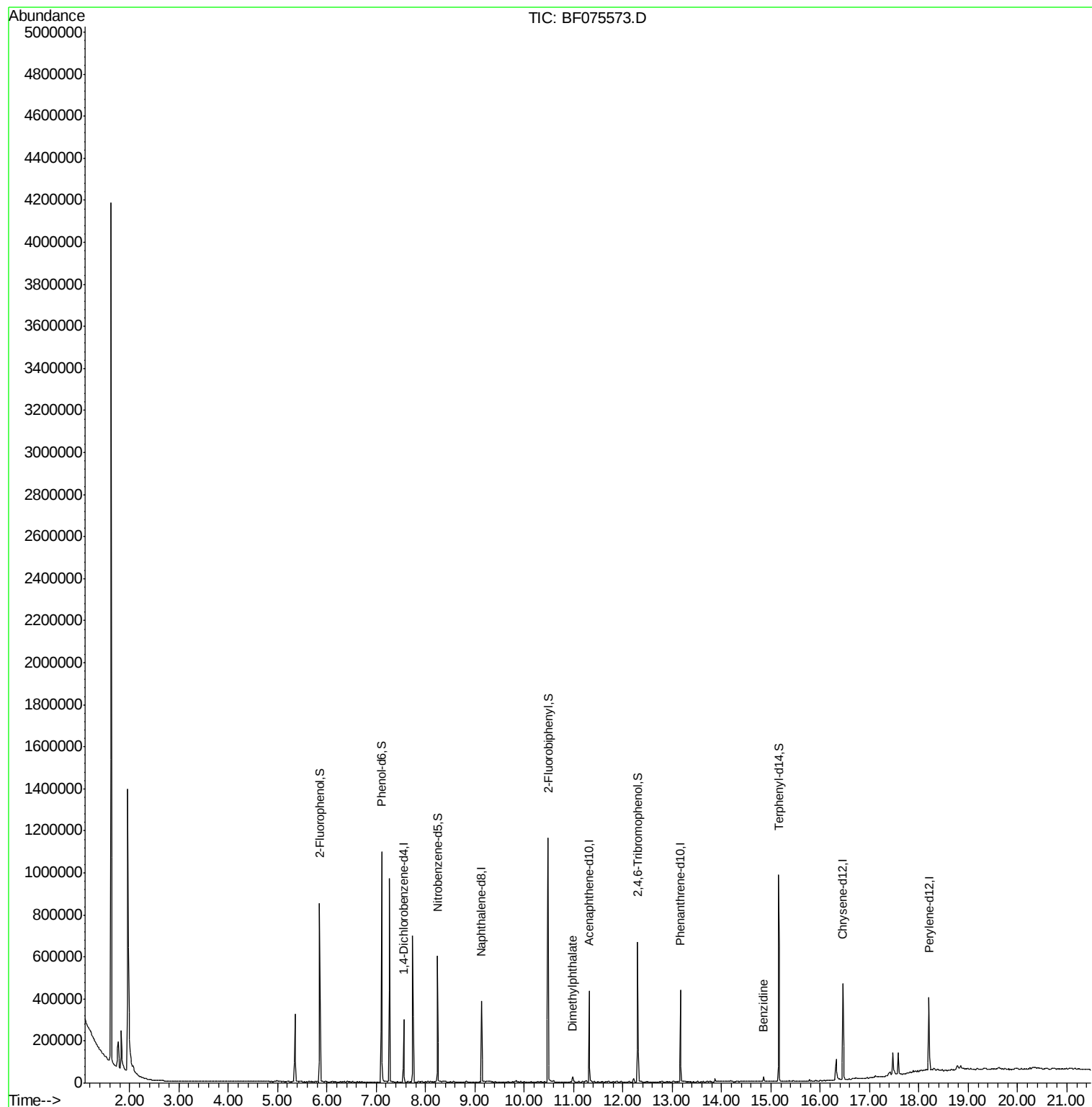
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	45462	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	181840	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	98160	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	169561	20.00	ng	0.00
75) Chrysene-d12	16.46	240	182926	20.00	ng	-0.02
86) Perylene-d12	18.21	264	176250	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	276316	107.37	ng	0.00
7) Phenol-d6	7.11	99	358573	115.87	ng	0.00
23) Nitrobenzene-d5	8.24	82	188258	75.90	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	84938	103.31	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	388808	71.57	ng	0.00
78) Terphenyl-d14	15.16	244	414961	61.07	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.98	163	14689	2.19	ng	96
76) Benzidine	14.85	184	17342	2.98	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF075573.D

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FS-005

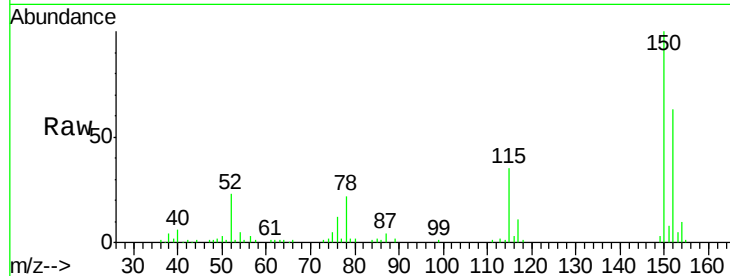
Tgt Ion:152 Resp: 45462

Ion Ratio Lower Upper

152 100

150 158.3 127.2 190.8

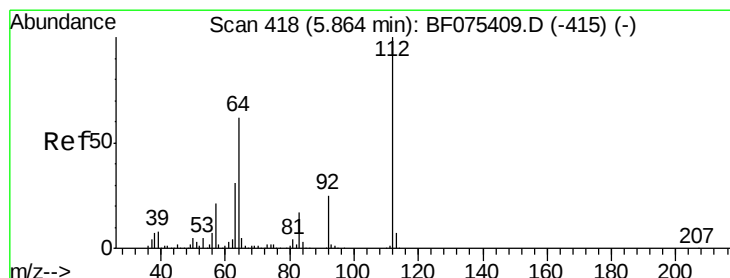
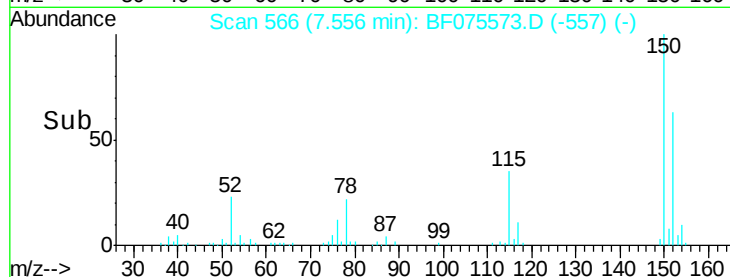
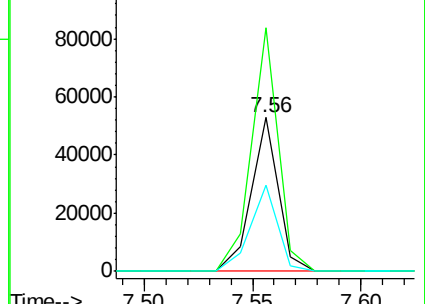
115 56.0 57.1 85.7#



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: 107.37 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

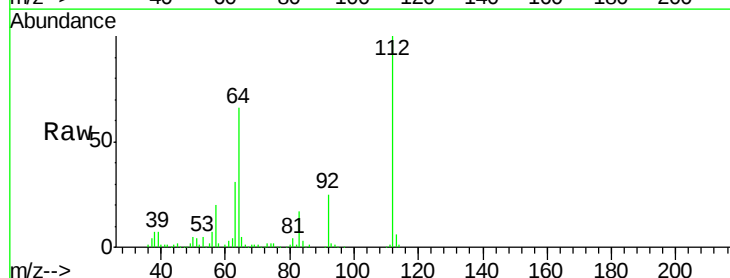
Tgt Ion:112 Resp: 276316

Ion Ratio Lower Upper

112 100

64 66.0 45.8 68.6

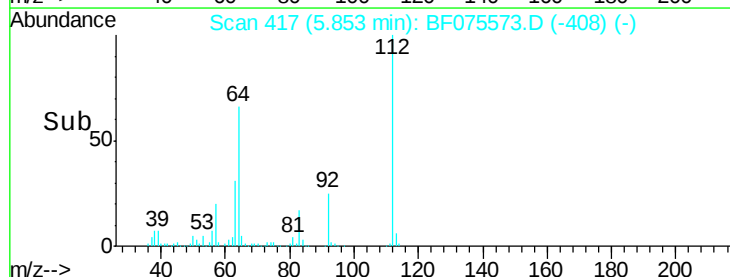
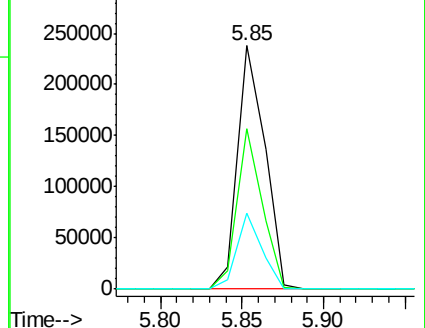
63 31.1 22.7 34.1



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: 115.87 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

Instrument :

BNA_F

ClientSampleId :

FS-005

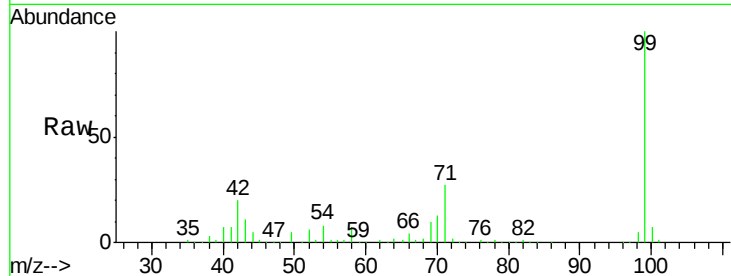
Tgt Ion: 99 Resp: 358573

Ion Ratio Lower Upper

99 100

42 19.9 19.8 29.6

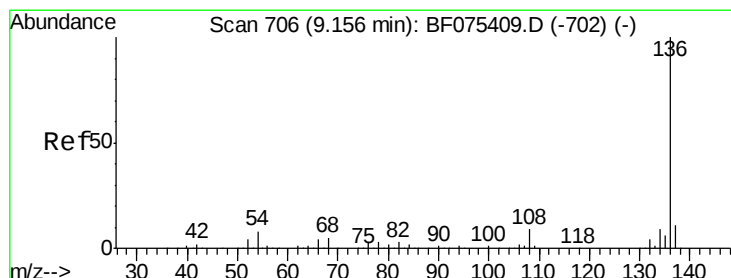
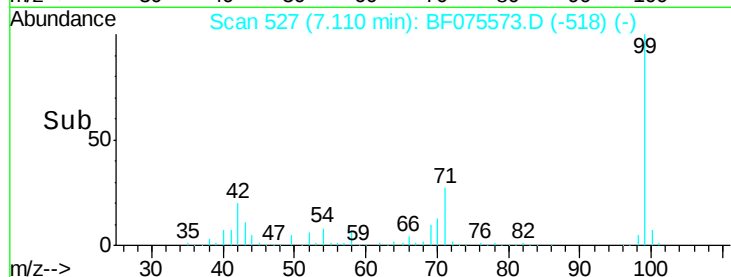
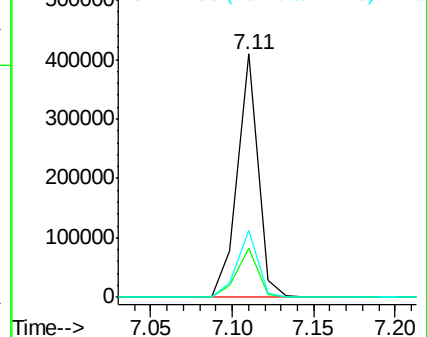
71 27.3 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

Tgt Ion: 136 Resp: 181840

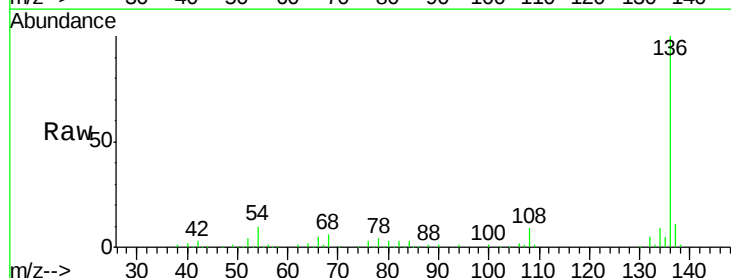
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 10.2 6.2 9.4#

68 6.4 3.4 5.2#

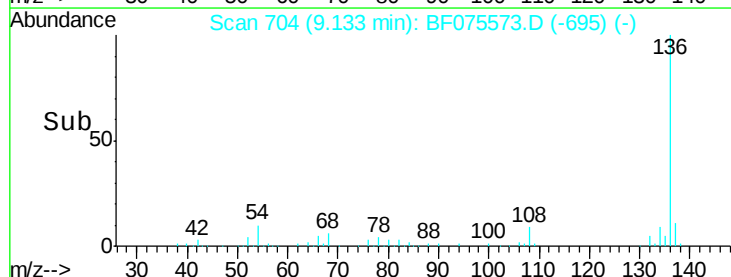
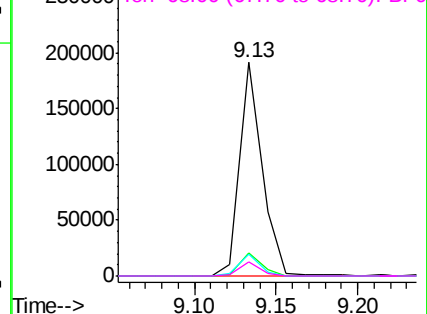


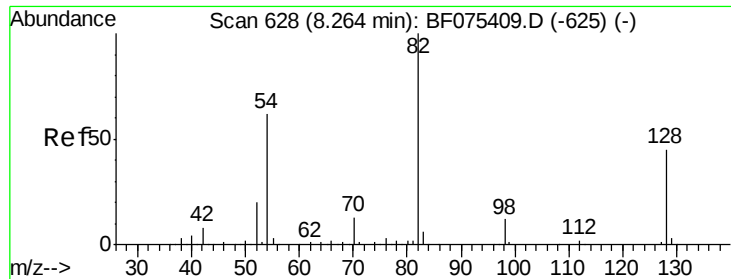
Abundance Ion 136.00 (135.70 to 136.70): E

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

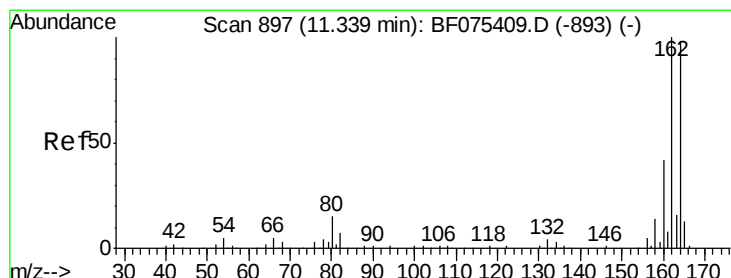
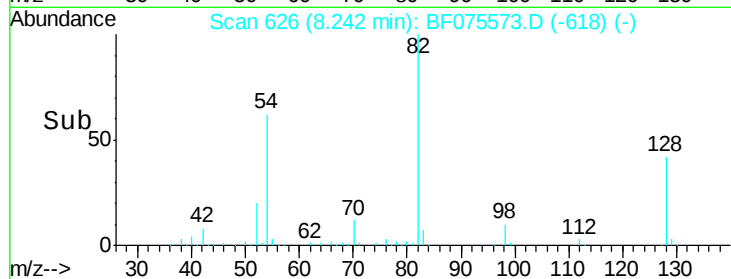
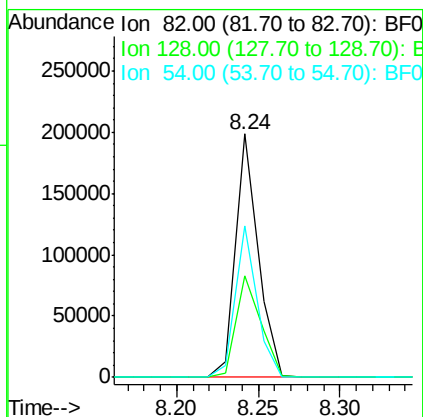
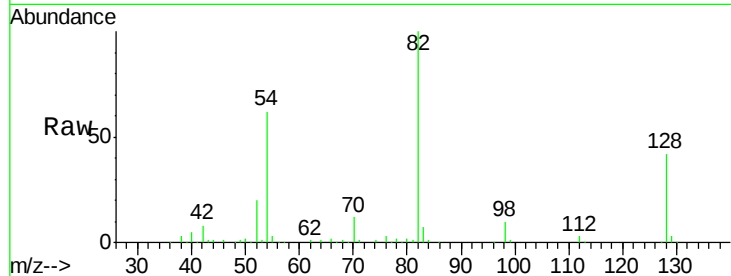




#23
 Nitrobenzene-d5
 Concen: 75.90 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF075573.D
 Acq: 16 Nov 2014 9:48

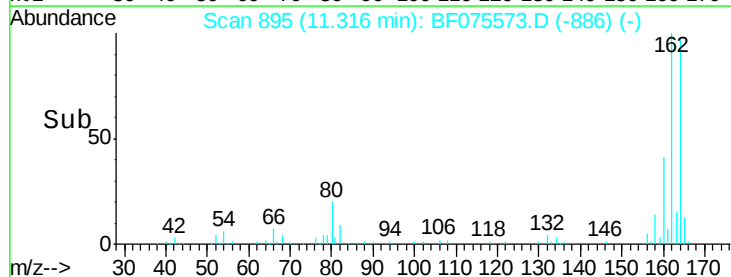
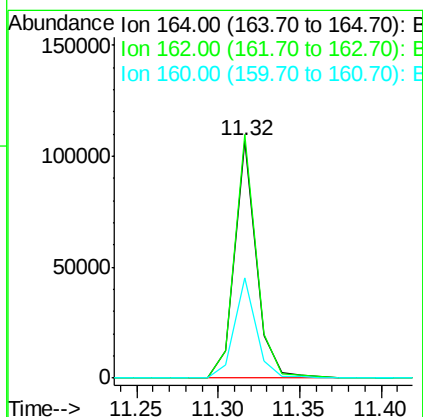
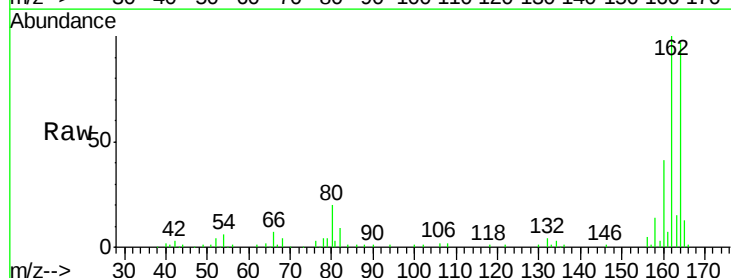
Instrument :
 BNA_F
 ClientSampleId :
 FS-005

Tgt Ion: 82 Resp: 188258
 Ion Ratio Lower Upper
 82 100
 128 41.8 37.8 56.6
 54 62.1 49.8 74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF075573.D
 Acq: 16 Nov 2014 9:48

Tgt Ion: 164 Resp: 98160
 Ion Ratio Lower Upper
 164 100
 162 102.6 79.1 118.7
 160 42.2 34.6 51.8

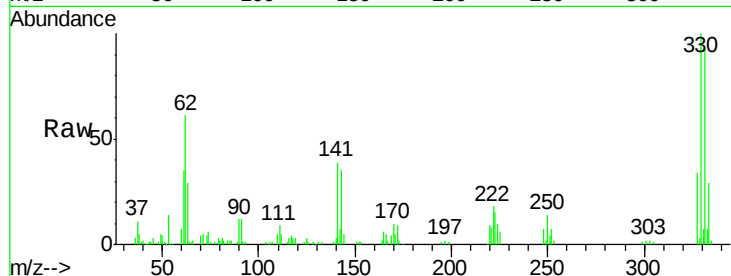




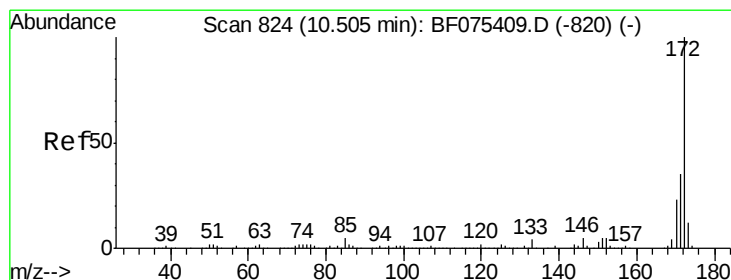
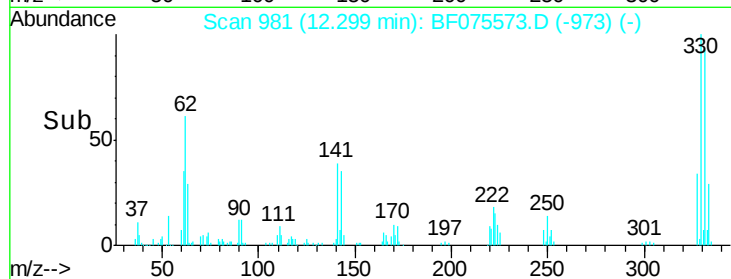
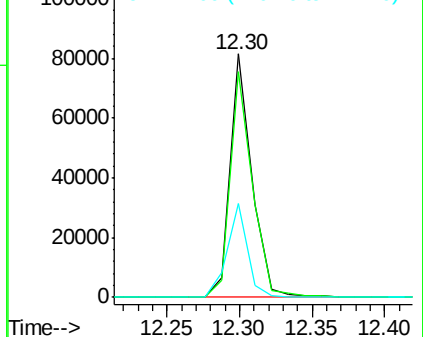
#41
 2,4,6-Tribromophenol
 Concen: 103.31 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075573.D
 Acq: 16 Nov 2014 9:48

Instrument :
 BNA_F
 ClientSampleId :
 FS-005

Tgt Ion:330 Resp: 84938
 Ion Ratio Lower Upper
 330 100
 332 94.6 74.5 111.7
 141 36.0 30.7 46.1

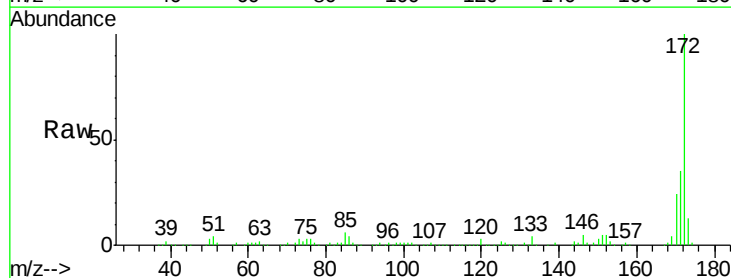


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

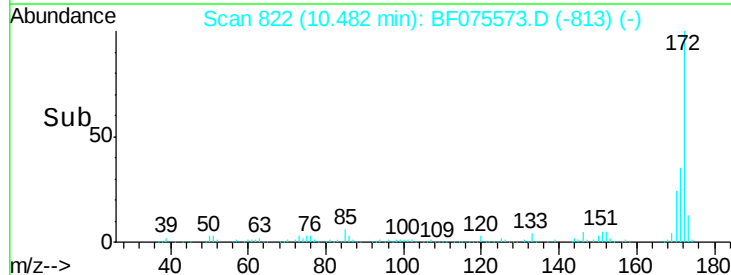
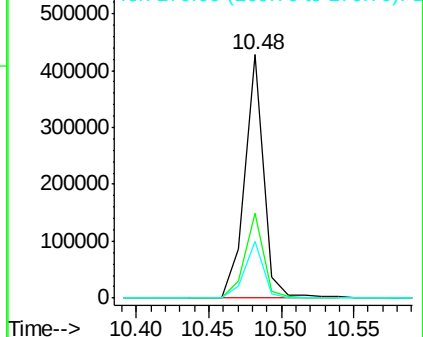


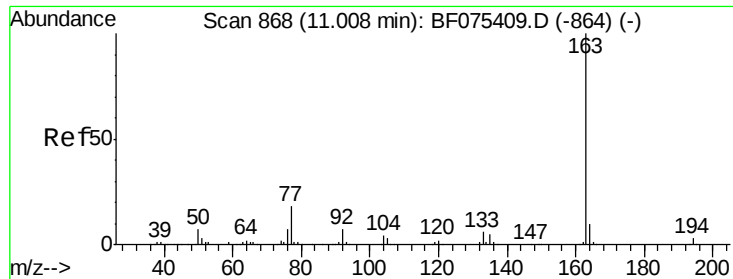
#44
 2-Fluorobiphenyl
 Concen: 71.57 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075573.D
 Acq: 16 Nov 2014 9:48

Tgt Ion:172 Resp: 388808
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.3 40.9
 170 23.5 18.4 27.6



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: 2.19 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

Instrument :

BNA_F

ClientSampleId :

FS-005

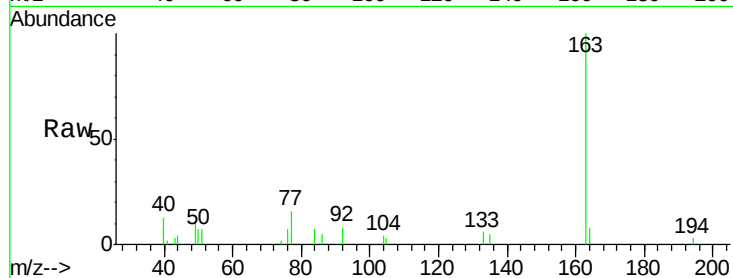
Tgt Ion:163 Resp: 14689

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

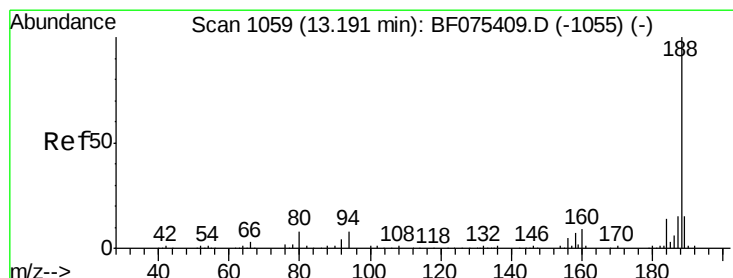
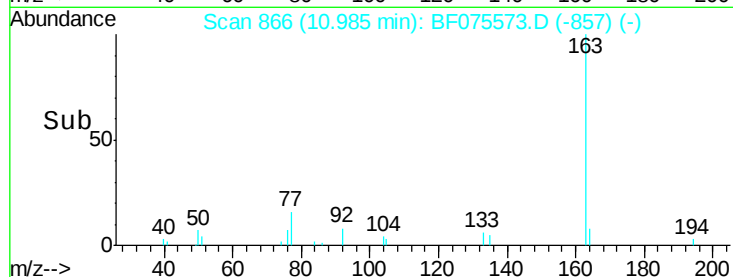
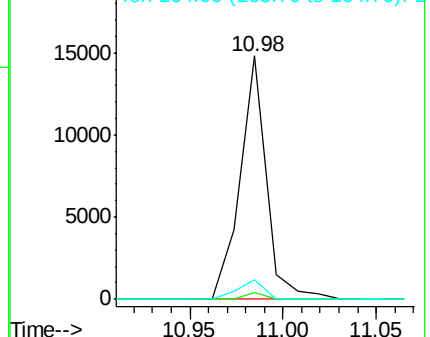
164 8.2 8.0 12.0



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: 13.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

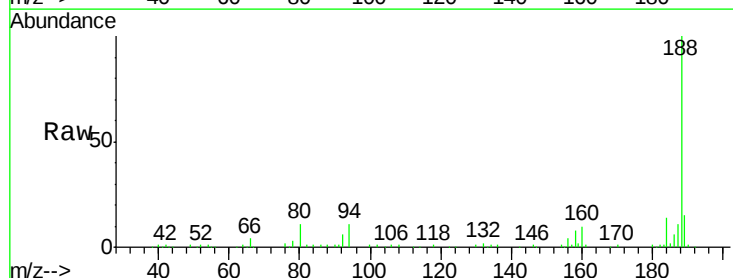
Tgt Ion:188 Resp: 169561

Ion Ratio Lower Upper

188 100

94 11.0 7.8 11.6

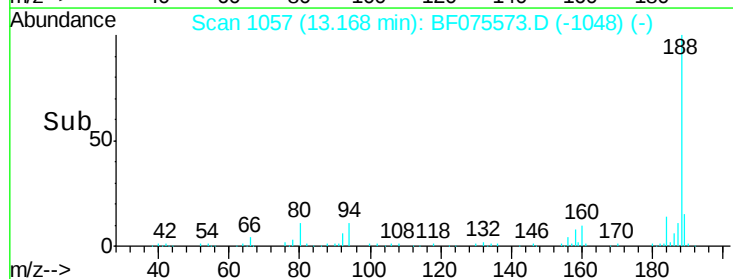
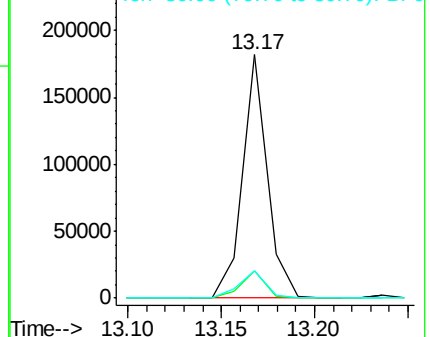
80 11.1 8.0 12.0

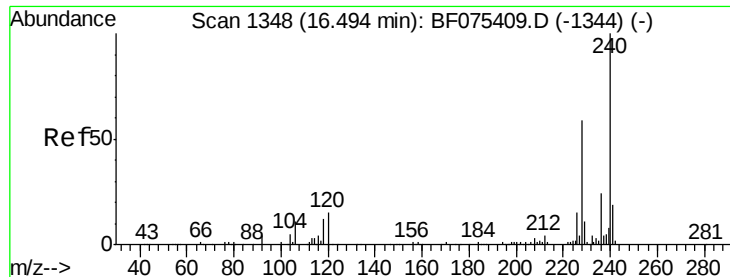


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.46 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

Instrument :

BNA_F

ClientSampleId :

FS-005

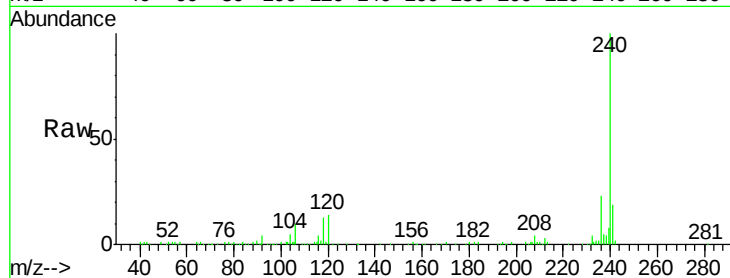
Tgt Ion:240 Resp: 182926

Ion Ratio Lower Upper

240 100

120 13.9 9.6 14.4

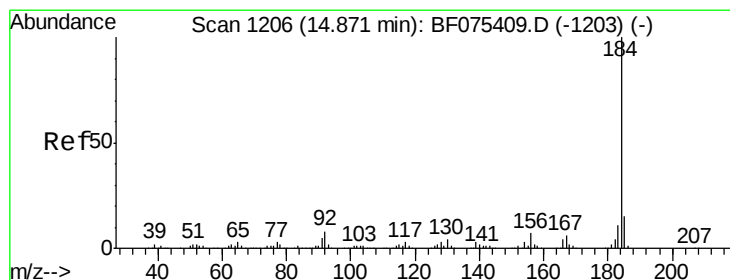
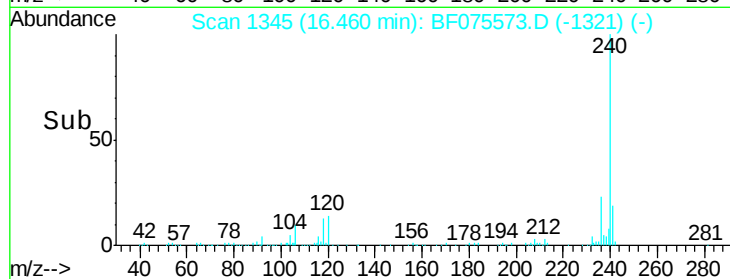
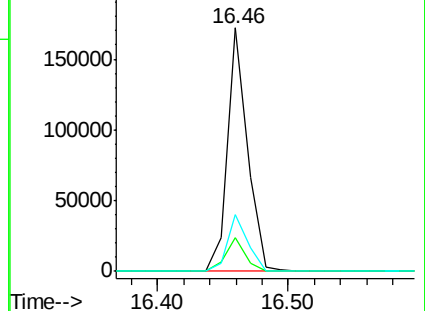
236 23.2 18.9 28.3



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



#76

Benzidine

Concen: 2.98 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF075573.D

Acq: 16 Nov 2014 9:48

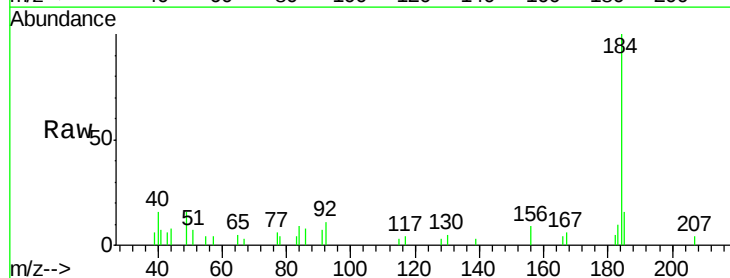
Tgt Ion:184 Resp: 17342

Ion Ratio Lower Upper

184 100

185 16.0 10.9 16.3

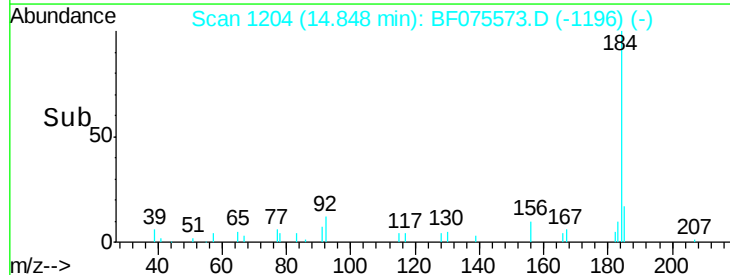
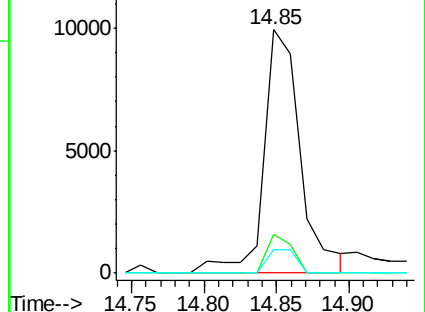
183 9.6 8.7 13.1

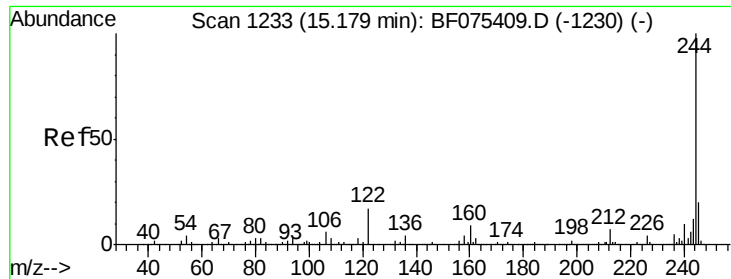


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

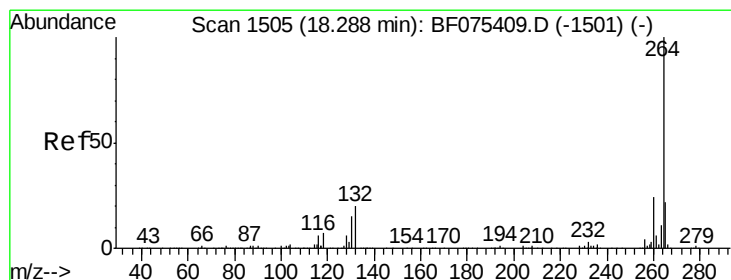
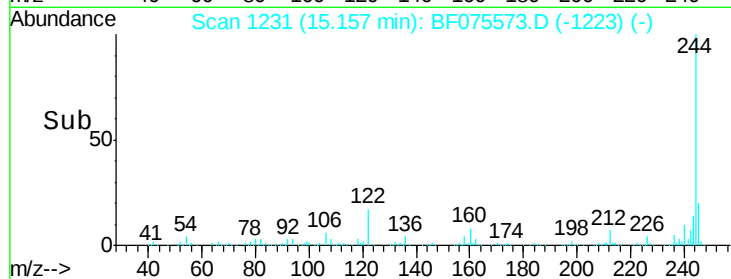
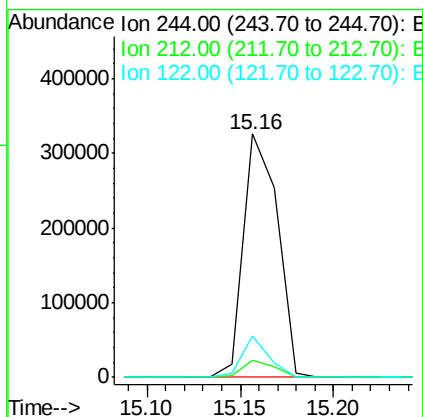
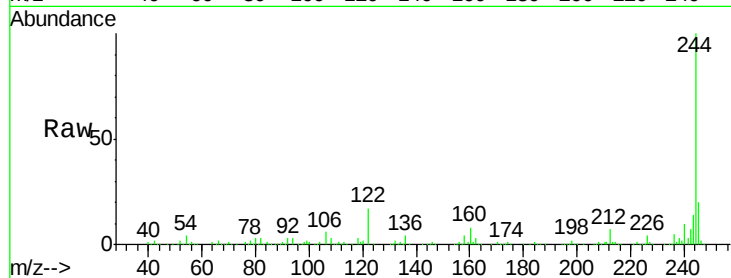




#78
 Terphenyl-d14
 Concen: 61.07 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF075573.D
 Acq: 16 Nov 2014 9:48

Instrument :
 BNA_F
 ClientSampleId :
 FS-005

Tgt Ion:244 Resp: 414961
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 17.1 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. -0.08 min
 Lab File: BF075573.D
 Acq: 16 Nov 2014 9:48

Tgt Ion:264 Resp: 176250
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 21.7 16.3 24.5

