

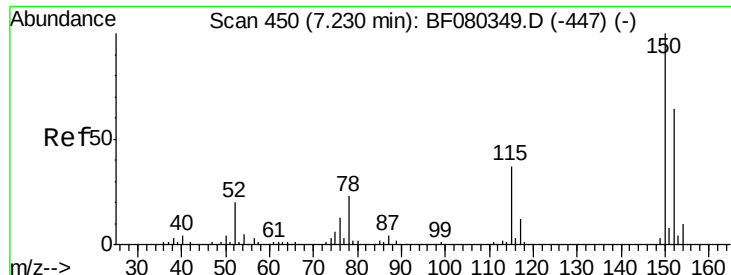
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080393.D
 Acq On : 8 Jul 2015 17:51
 Operator : TP/UM
 Sample : G2746-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4

Quant Time: Jul 09 01:00:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	40298	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	158366	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	81912	20.00	ng	-0.01
63) Phenanthrene-d10	11.77	188	174282	20.00	ng	-0.01
75) Chrysene-d12	14.68	240	178461	20.00	ng	-0.16
86) Perylene-d12	16.51	264	156904	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	92303	41.95	ng	0.00
7) Phenol-d6	6.81	99	78261	26.83	ng	-0.01
23) Nitrobenzene-d5	7.77	82	210366	77.48	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	85988	100.33	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	510934	84.18	ng	0.00
78) Terphenyl-d14	13.44	244	587684	76.81	ng	-0.08
Target Compounds						
18) Hexachloroethane	7.78	117	4933	5.25	ng	# 1
19) n-Nitroso-di-n-propylamine	7.77	70	27064	14.30	ng	# 76
25) Isophorone	7.77	82	210026	40.19	ng	# 69
49) Dimethylphthalate	9.96	163	39719	6.04	ng	99
64) 4,6-Dinitro-2-methylphenol	10.99	198	208	5.48	ng	# 1
66) 4-Bromophenyl-phenylether	11.06	248	6182	3.10	ng	# 1

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

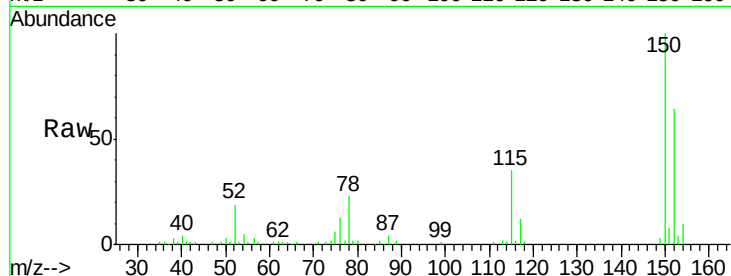


#1

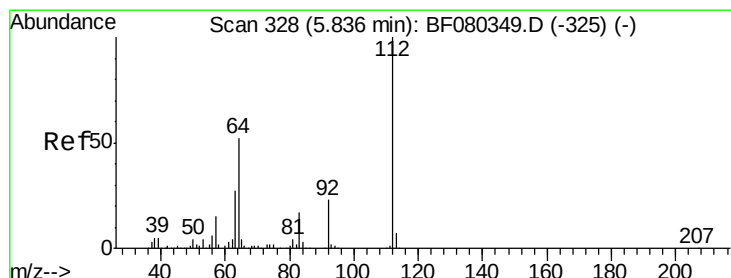
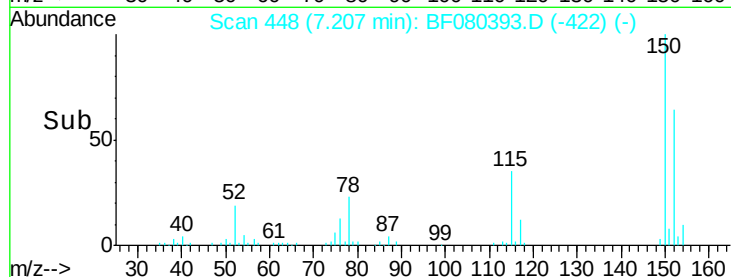
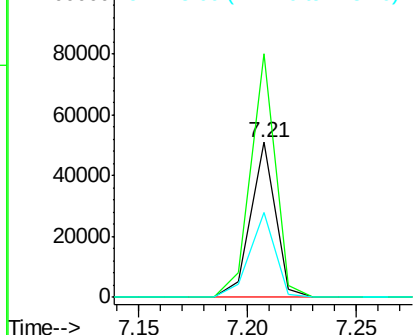
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF080393.D
Acq: 8 Jul 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:152 Resp: 40298
Ion Ratio Lower Upper
152 100
150 157.3 124.7 187.1
115 54.7 45.7 68.5



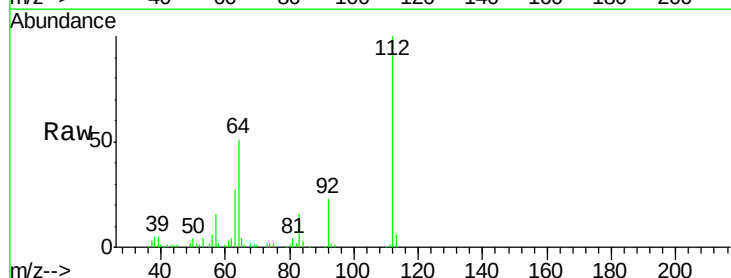
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



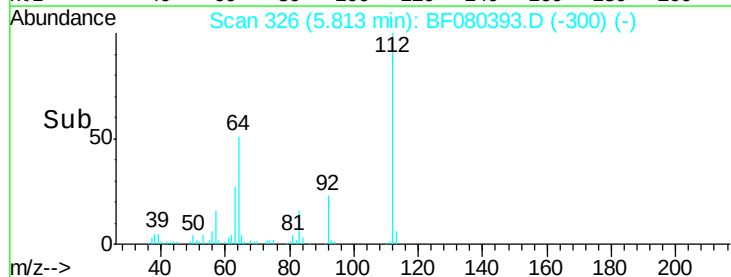
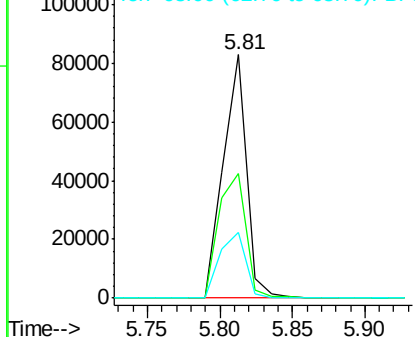
#5

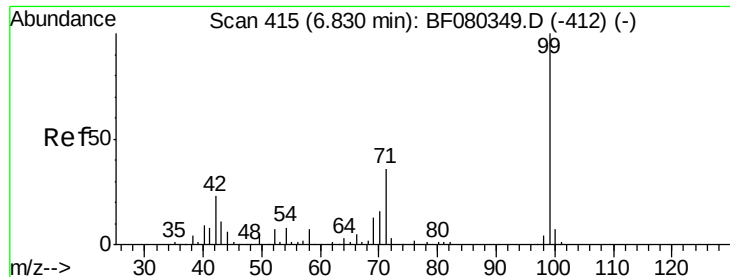
2-Fluorophenol
Concen: 41.95 ng
RT: 5.81 min Scan# 326
Delta R.T. -0.00 min
Lab File: BF080393.D
Acq: 8 Jul 2015 17:51

Tgt Ion:112 Resp: 92303
Ion Ratio Lower Upper
112 100
64 50.9 41.8 62.6
63 26.8 21.5 32.3



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: 26.83 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF080393.D

Acq: 8 Jul 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PX4

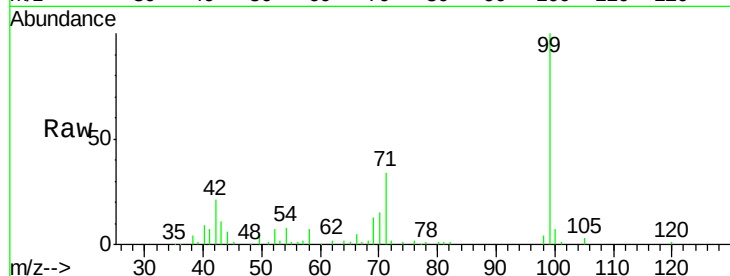
Tgt Ion: 99 Resp: 78261

Ion Ratio Lower Upper

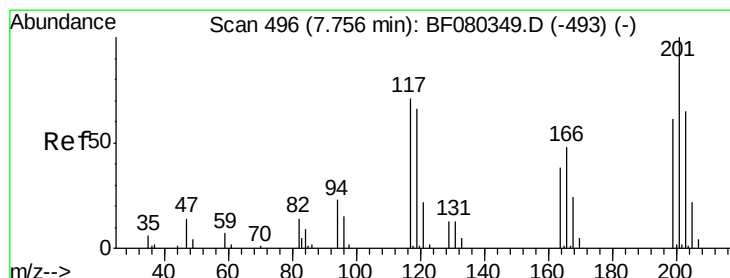
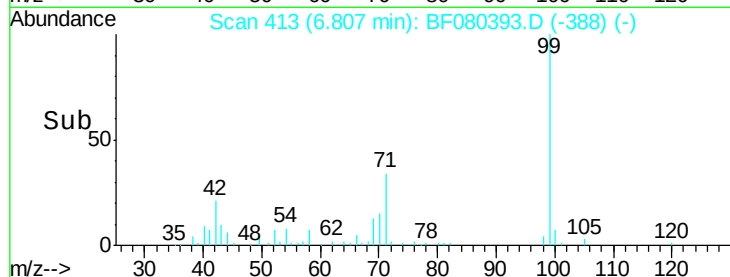
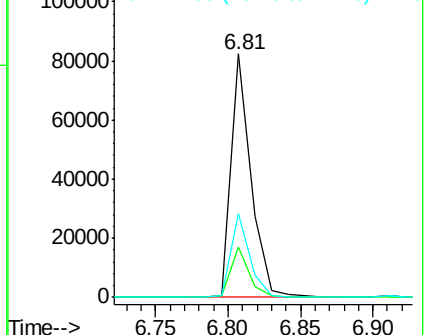
99 100

42 20.9 18.5 27.7

71 34.3 28.5 42.7



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



#18

Hexachloroethane

Concen: 5.25 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.05 min

Lab File: BF080393.D

Acq: 8 Jul 2015 17:51

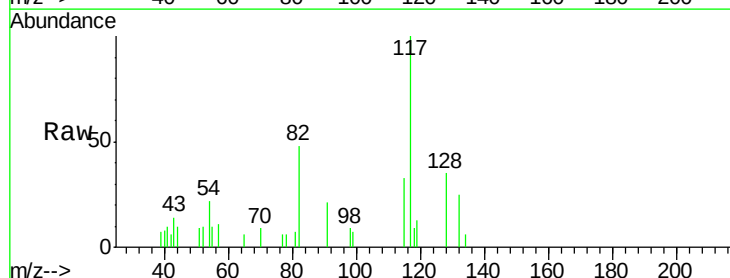
Tgt Ion: 117 Resp: 4933

Ion Ratio Lower Upper

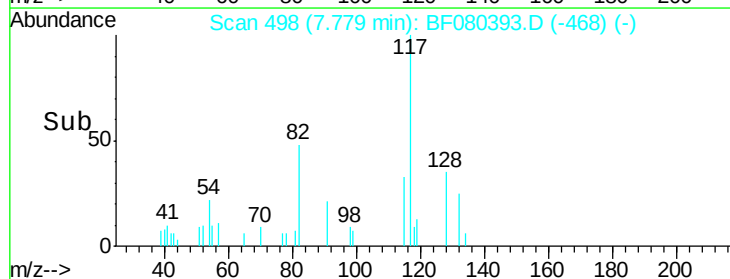
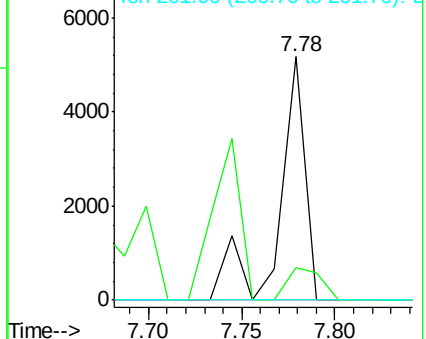
117 100

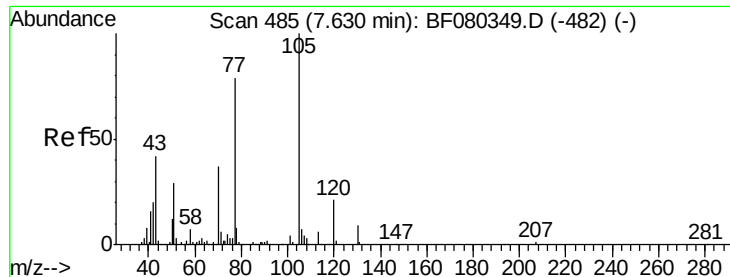
119 13.5 74.2 111.4#

201 0.0 112.4 168.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

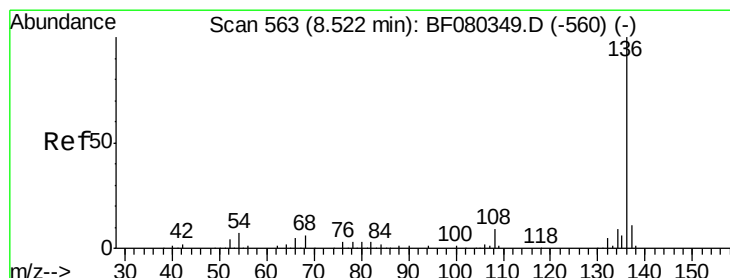
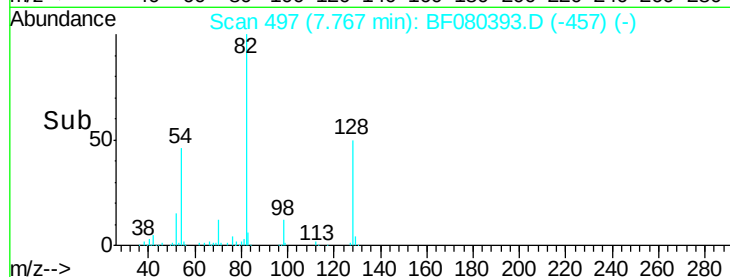
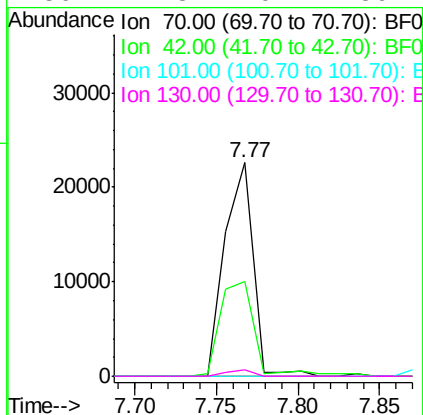
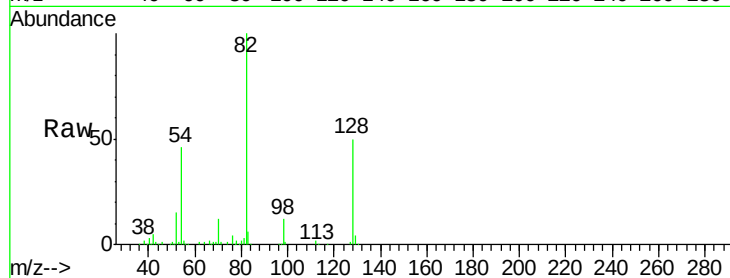




#19
n-Nitroso-di-n-propylamine
Concen: 14.30 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.16 min
Lab File: BF080393.D
Acq: 8 Jul 2015 17:51

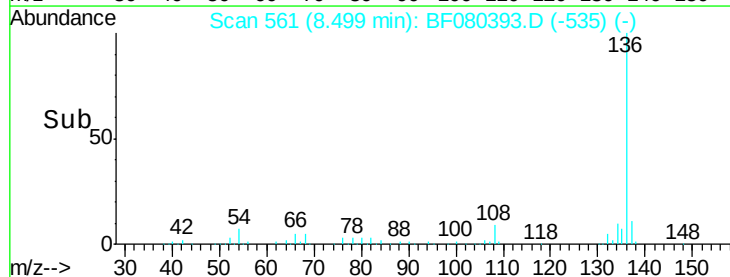
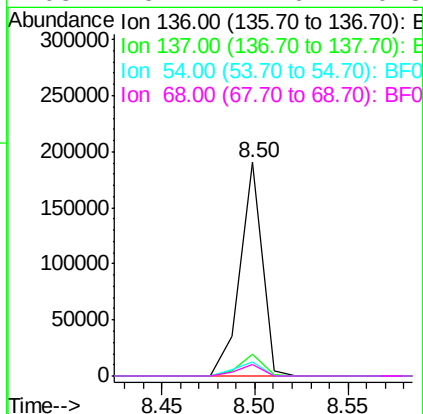
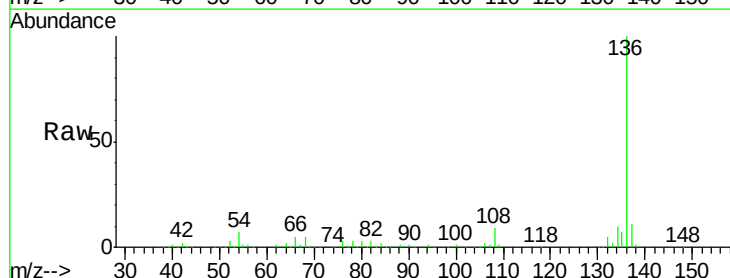
Instrument :
BNA_F
ClientSampleId :
PX4

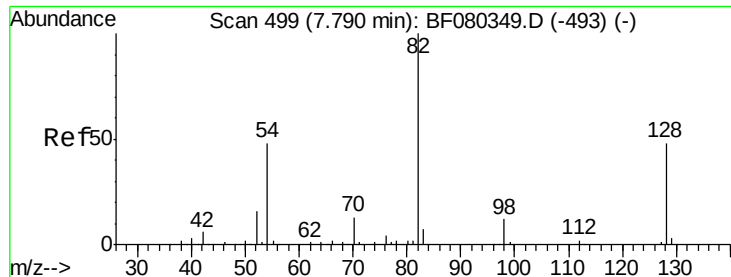
Tgt Ion: 70 Resp: 27064
Ion Ratio Lower Upper
70 100
42 44.5 43.0 64.6
101 0.0 8.3 12.5#
130 2.8 20.2 30.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF080393.D
Acq: 8 Jul 2015 17:51

Tgt Ion: 136 Resp: 158366
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.7 5.8 8.8
68 5.4 4.6 6.8

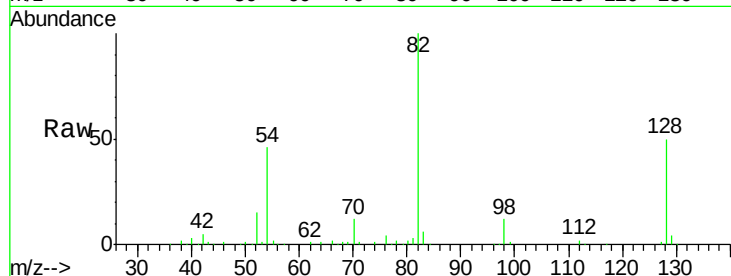




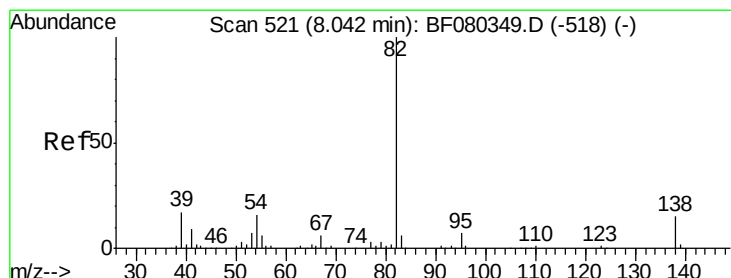
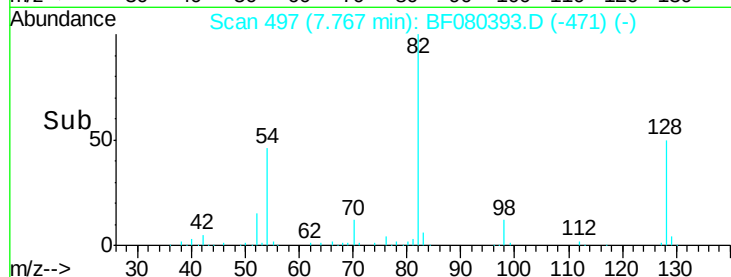
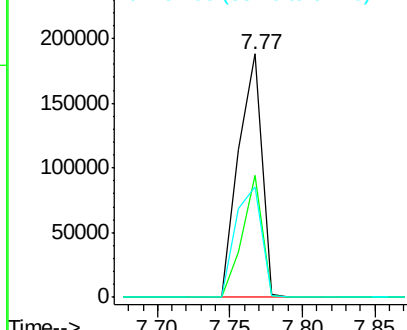
#23
 Nitrobenzene-d5
 Concen: 77.48 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PX4

Tgt Ion: 82 Resp: 210366
 Ion Ratio Lower Upper
 82 100
 128 50.4 38.4 57.6
 54 45.5 38.2 57.2

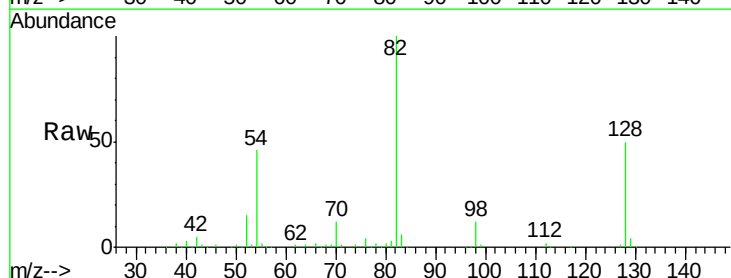


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

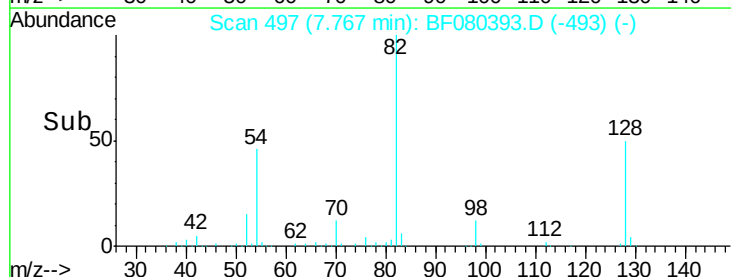
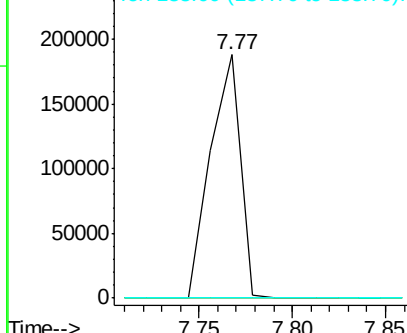


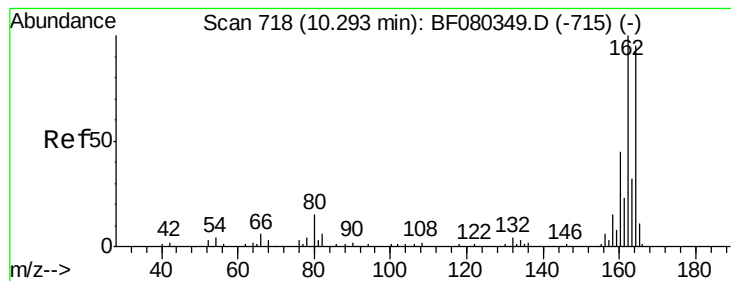
#25
 Isophorone
 Concen: 40.19 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.25 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Tgt Ion: 82 Resp: 210026
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080393.D

Acq: 8 Jul 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PX4

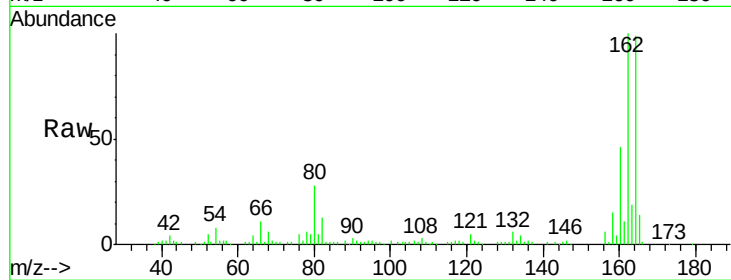
Tgt Ion:164 Resp: 81912

Ion Ratio Lower Upper

164 100

162 100.7 84.5 126.7

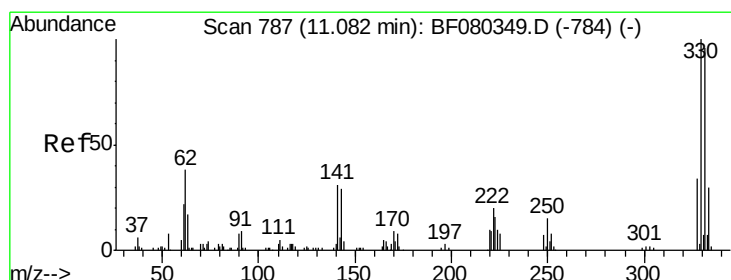
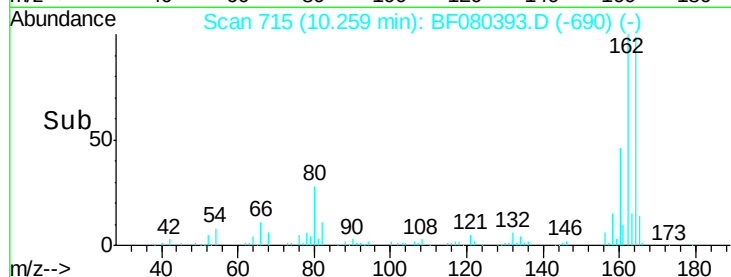
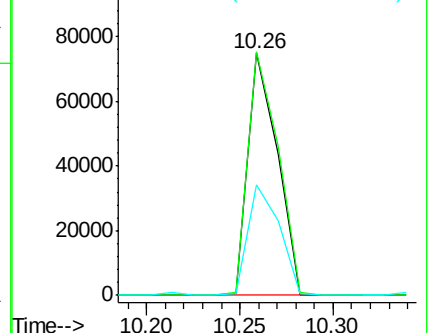
160 45.9 37.7 56.5



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: 100.33 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF080393.D

Acq: 8 Jul 2015 17:51

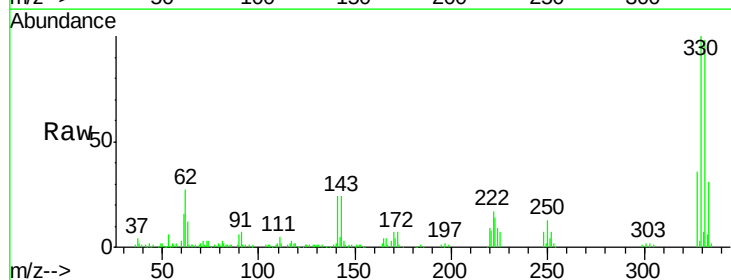
Tgt Ion:330 Resp: 85988

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.4

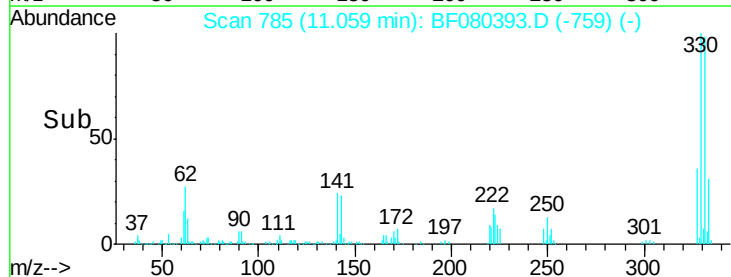
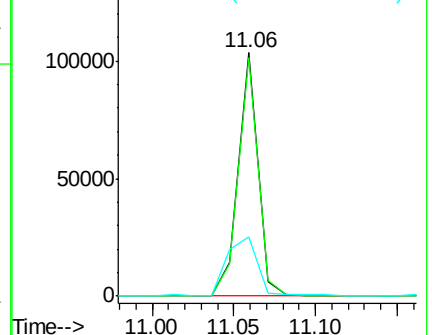
141 38.6 29.6 44.4

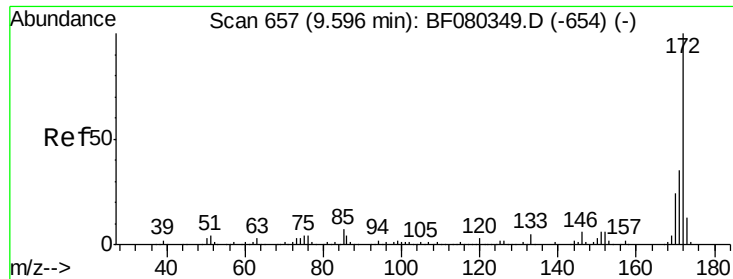


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

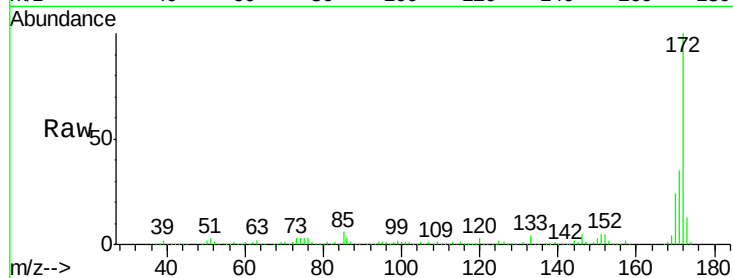




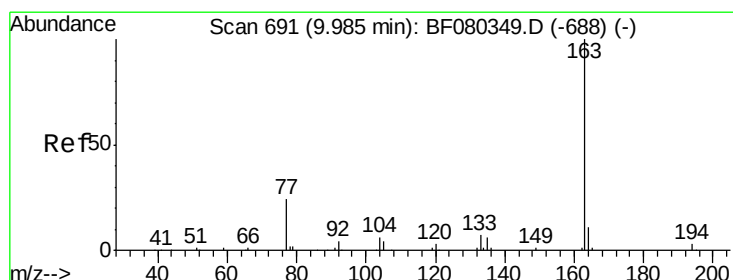
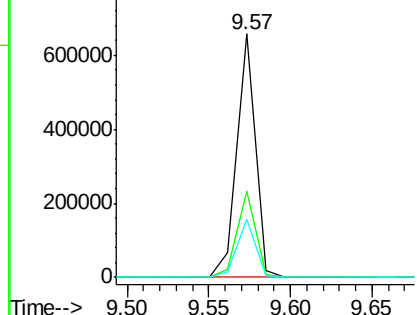
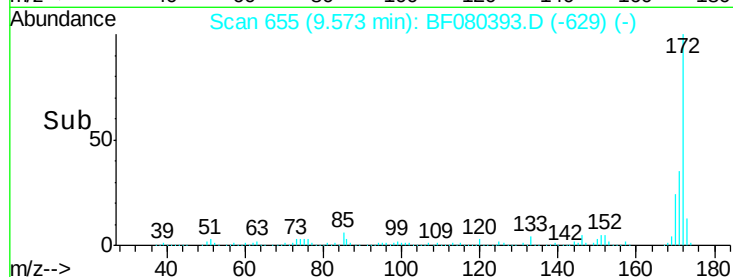
#44
 2-Fluorobiphenyl
 Concen: 84.18 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PX4

Tgt Ion:172 Resp: 510934
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.9 19.1 28.7

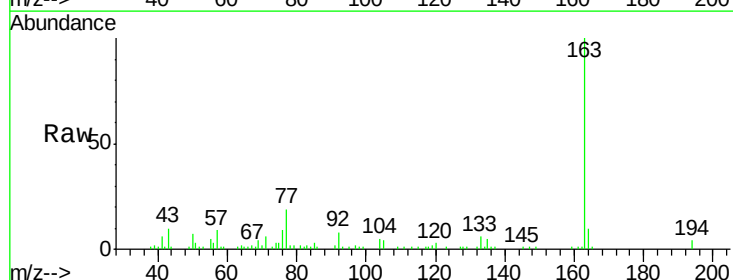


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

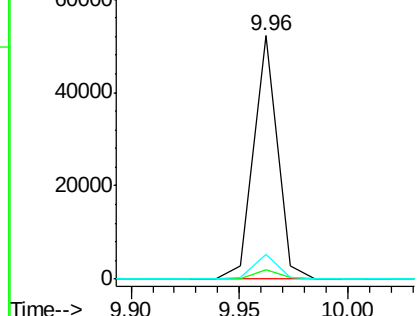
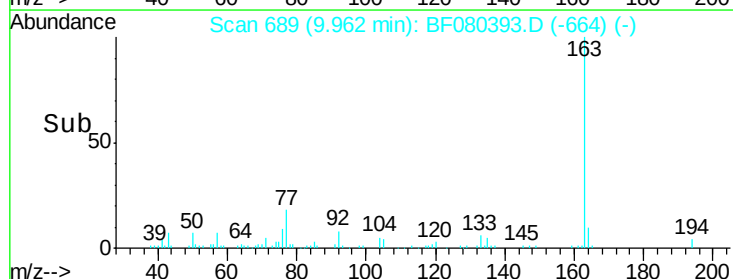


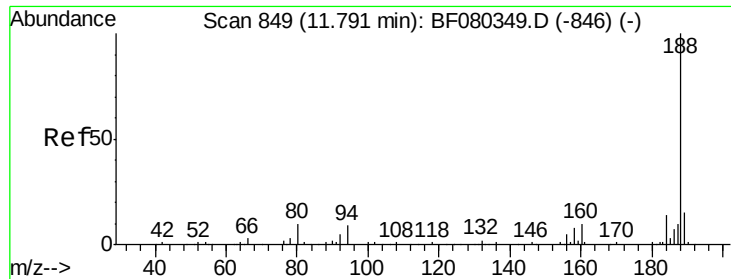
#49
 Dimethylphthalate
 Concen: 6.04 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Tgt Ion:163 Resp: 39719
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 3.8
 164 10.3 8.5 12.7



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

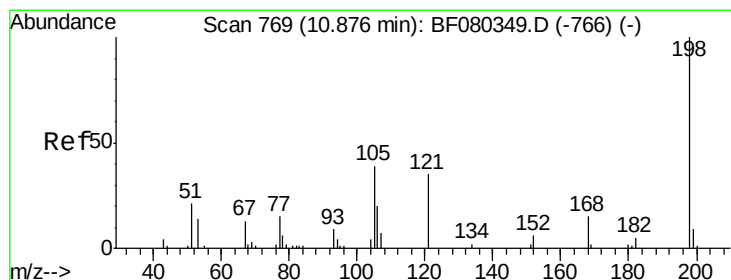
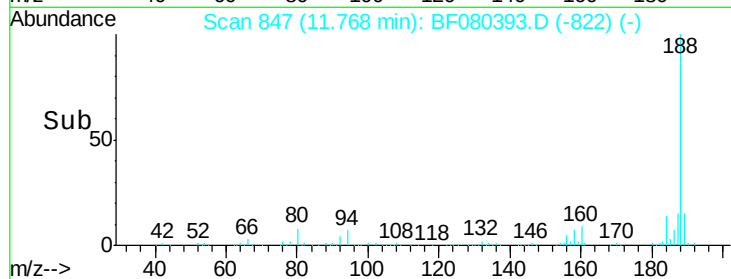
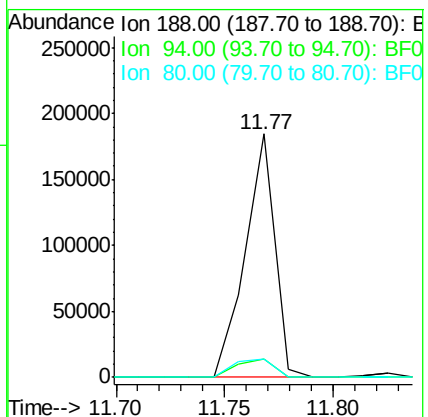
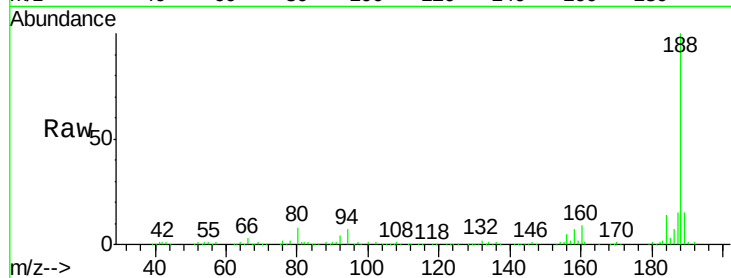




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.77 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

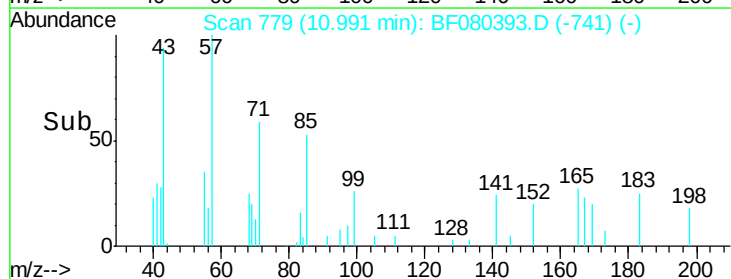
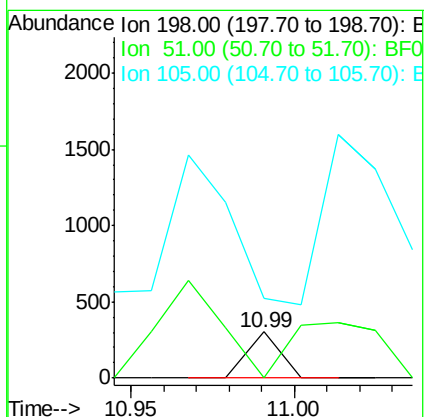
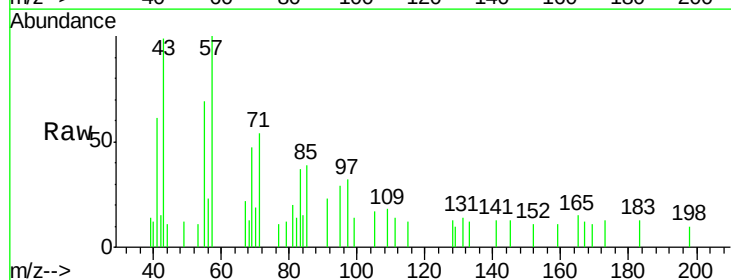
Instrument :
 BNA_F
 ClientSampled :
 PX4

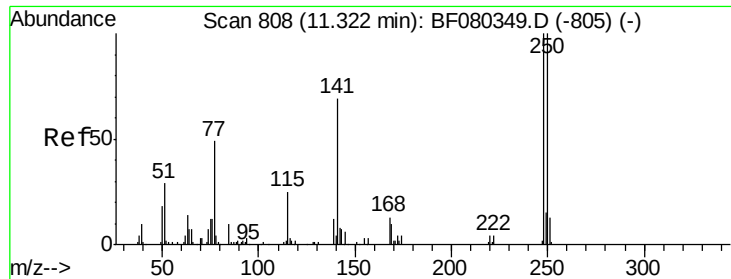
Tgt Ion:188 Resp: 174282
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.5 11.3#
 80 7.6 8.3 12.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.48 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.14 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Tgt Ion:198 Resp: 208
 Ion Ratio Lower Upper
 198 100
 51 0.0 17.0 57.0#
 105 172.3 20.9 60.9#

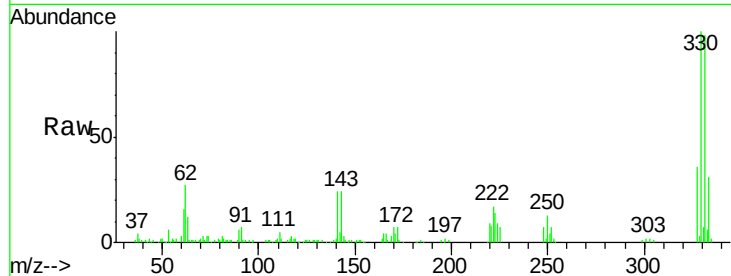




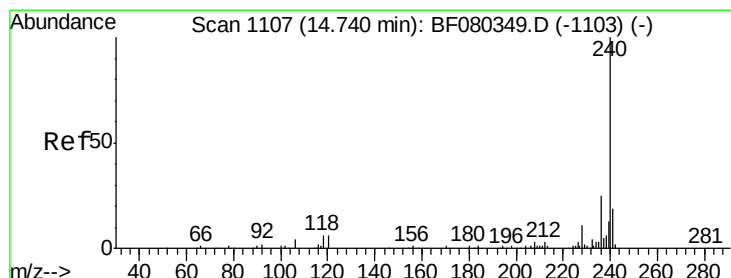
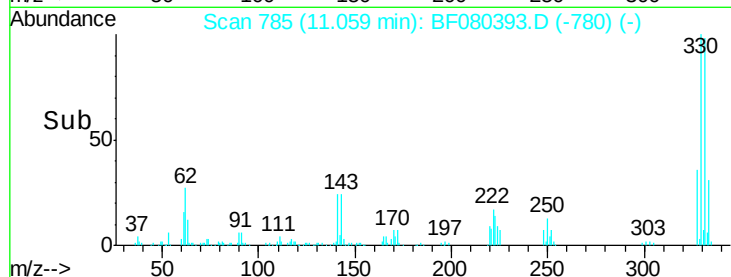
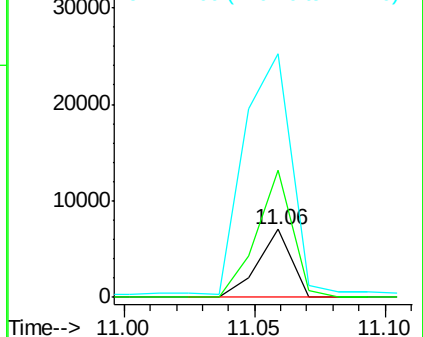
#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.24 min
Lab File: BF080393.D
Acq: 8 Jul 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:248 Resp: 6182
Ion Ratio Lower Upper
248 100
250 186.8 80.0 120.0#
141 358.6 54.8 82.2#

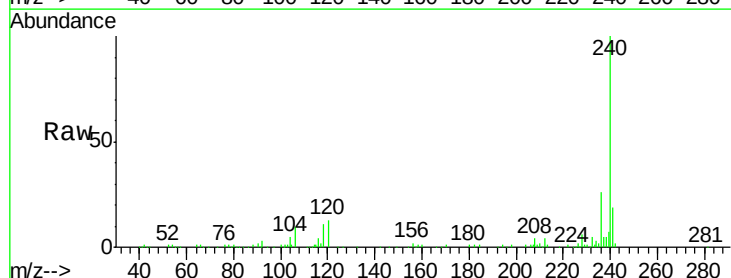


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

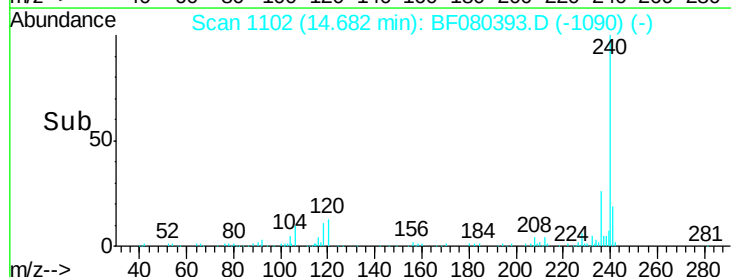
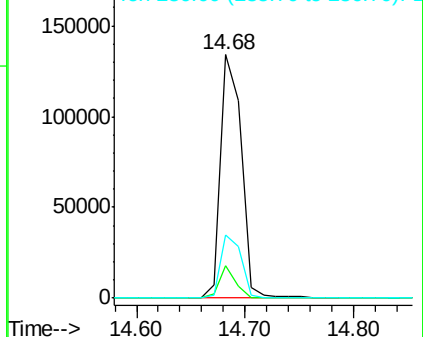


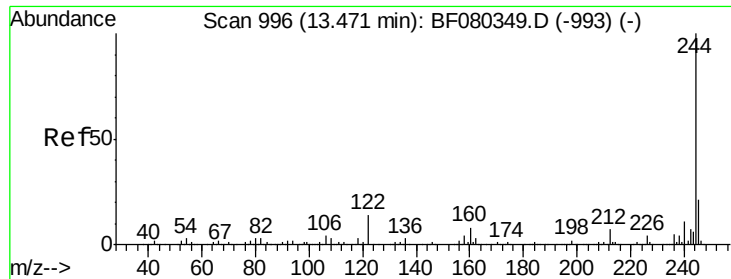
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 1102
Delta R.T. -0.16 min
Lab File: BF080393.D
Acq: 8 Jul 2015 17:51

Tgt Ion:240 Resp: 178461
Ion Ratio Lower Upper
240 100
120 13.1 5.1 7.7#
236 26.0 20.4 30.6



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

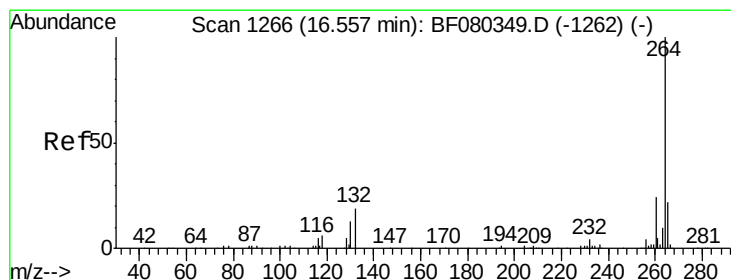
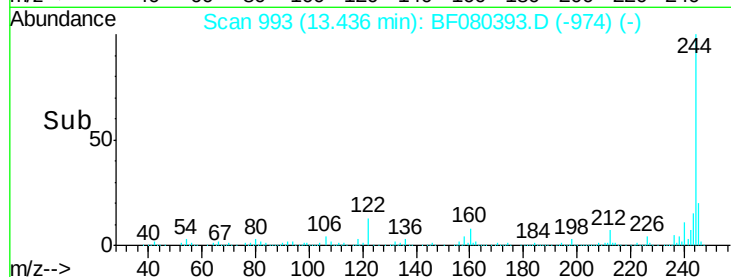
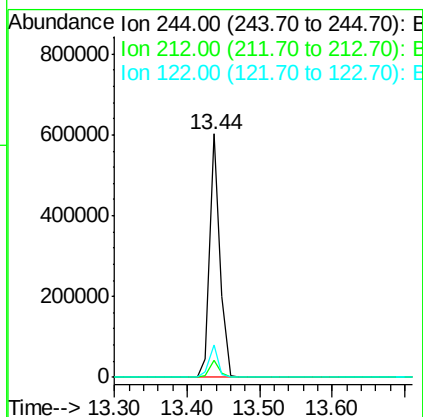
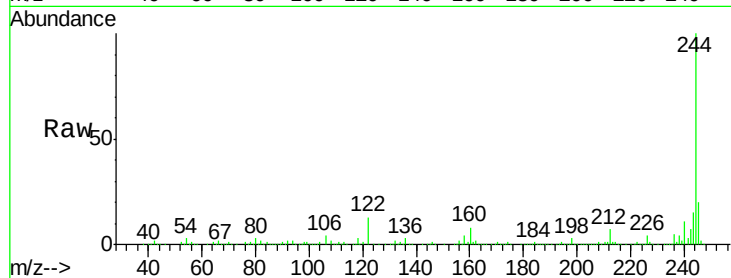




#78
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 13.44 min Scan# 993
 Delta R.T. -0.08 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PX4

Tgt Ion:244 Resp: 587684
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.2 11.1 16.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.51 min Scan# 1262
 Delta R.T. -0.25 min
 Lab File: BF080393.D
 Acq: 8 Jul 2015 17:51

Tgt Ion:264 Resp: 156904
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.6 26.4

