

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080820.D
 Acq On : 4 Aug 2015 1:08
 Operator : TP
 Sample : PB84719BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Quant Time: Aug 04 03:51:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

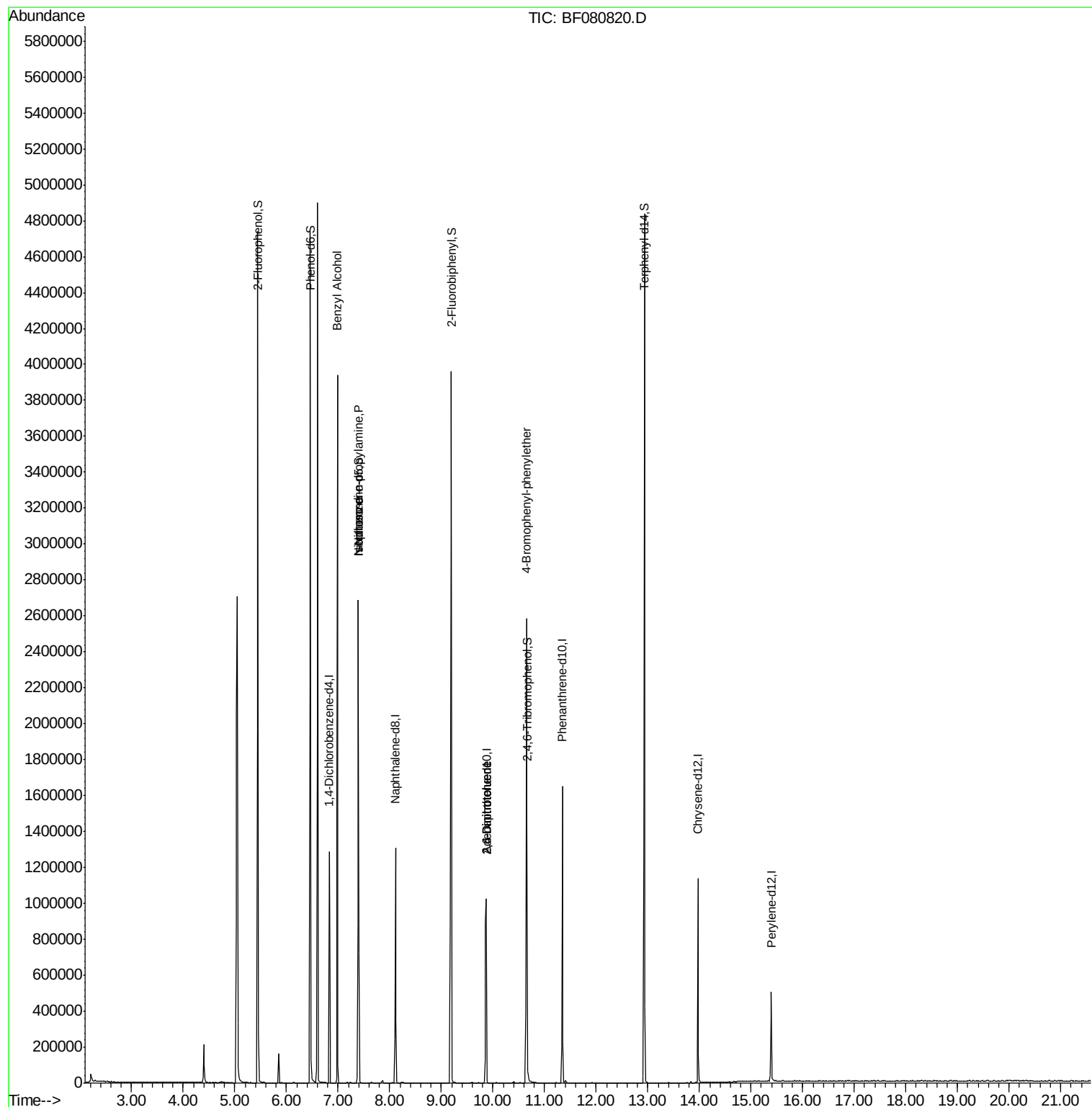
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	163132	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	600653	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	297809	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	574437	20.00	ng	0.00
75) Chrysene-d12	13.97	240	367626	20.00	ng	-0.01
86) Perylene-d12	15.39	264	266803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1200076	122.65	ng	0.01
7) Phenol-d6	6.46	99	1682211	127.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	985147	80.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	436513	152.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1868675	94.85	ng	0.00
78) Terphenyl-d14	12.93	244	1477042	80.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	2092	Below Cal	#	2
15) Benzyl Alcohol	6.99	79	19995	2.24 ng	#	49
19) n-Nitroso-di-n-propylamine	7.39	70	130138	15.28 ng	#	77
25) Isophorone	7.39	82	777651	35.73 ng	#	66
50) 2,6-Dinitrotoluene	9.87	165	36514	8.52 ng	#	12
56) 2,4-Dinitrotoluene	9.87	165	36514	6.74 ng	#	13
66) 4-Bromophenyl-phenylether	10.65	248	24241	3.84 ng	#	1

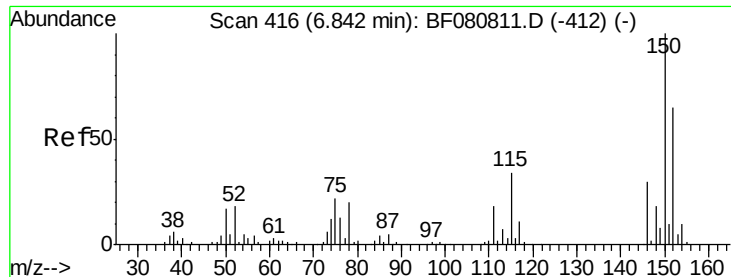
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
Data File : BF080820.D
Acq On : 4 Aug 2015 1:08
Operator : TP
Sample : PB84719BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84719BL

Quant Time: Aug 04 03:51:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:58:34 2015
Response via : Initial Calibration



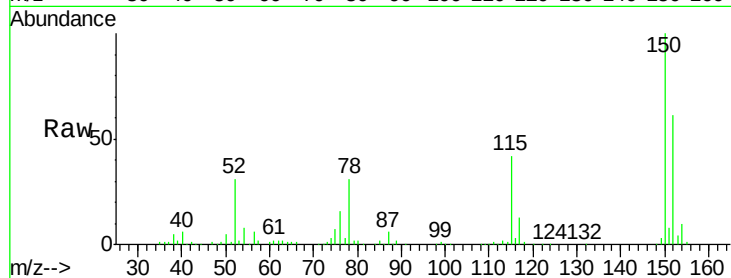


#1

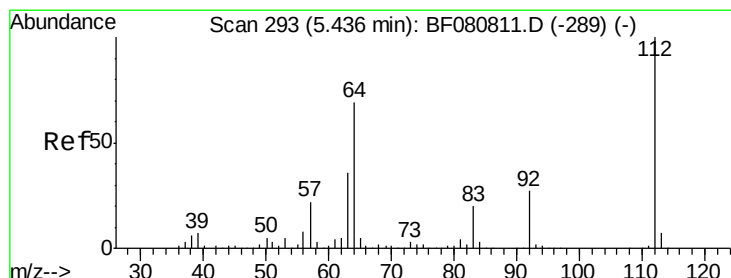
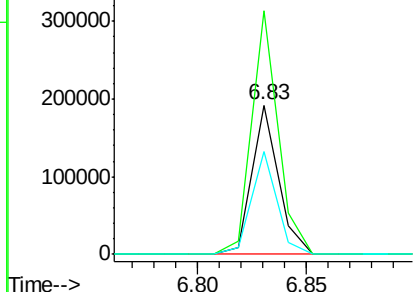
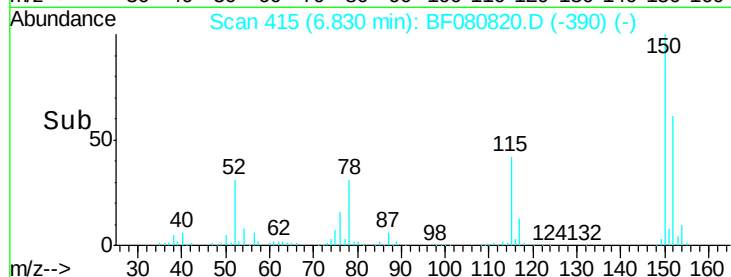
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Instrument :
BNA_F
ClientSampleId :
PB84719BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	122.9	184.3
115	68.6	42.0	63.0



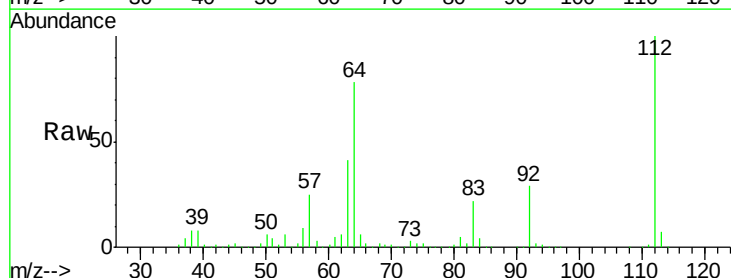
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



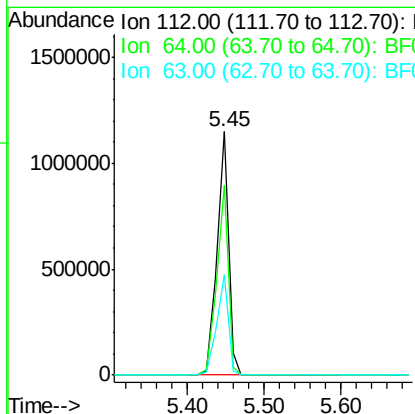
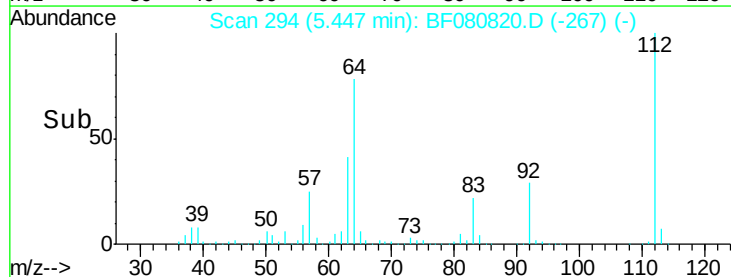
#5

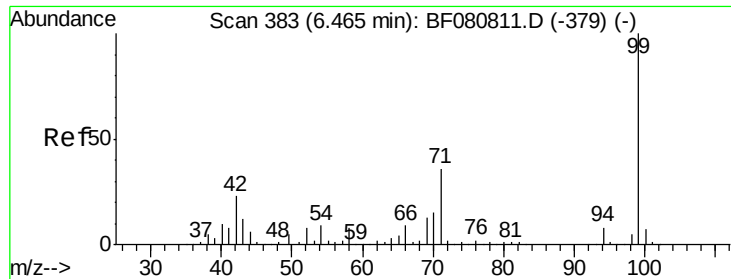
2-Fluorophenol
Concen: 122.65 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.9	55.0	82.4
63	41.3	28.6	42.8



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: 127.81 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080820.D

Acq: 4 Aug 2015 1:08

Instrument :

BNA_F

ClientSampleId :

PB84719BL

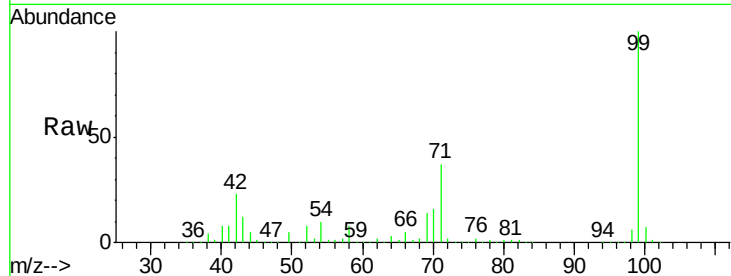
Tot Ion: 99 Resp: 1682211

Ion Ratio Lower Upper

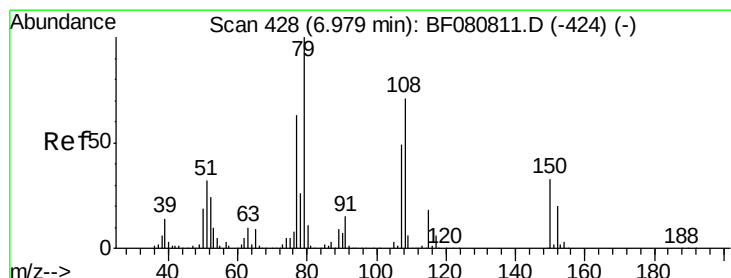
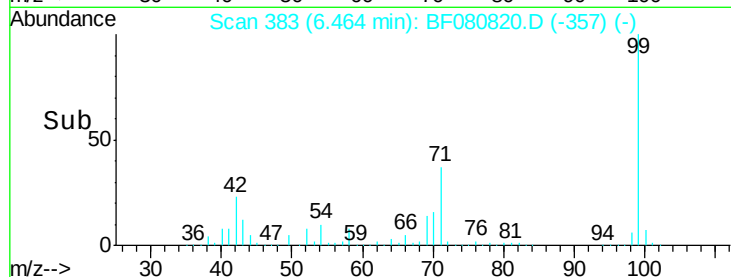
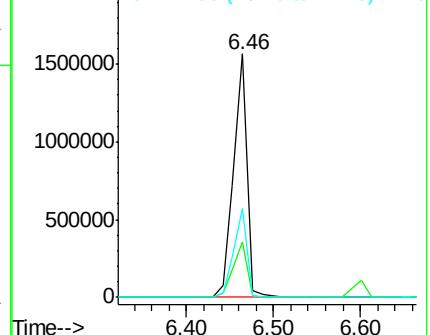
99 100

42 22.6 18.4 27.6

71 36.6 28.7 43.1



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



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF080820.D

Acq: 4 Aug 2015 1:08

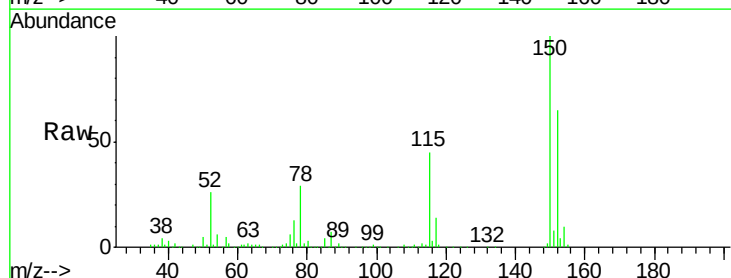
Tgt Ion: 79 Resp: 19995

Ion Ratio Lower Upper

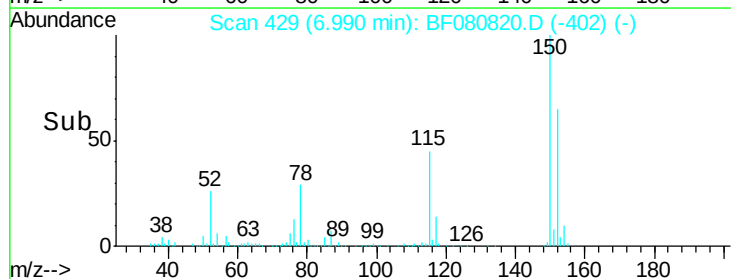
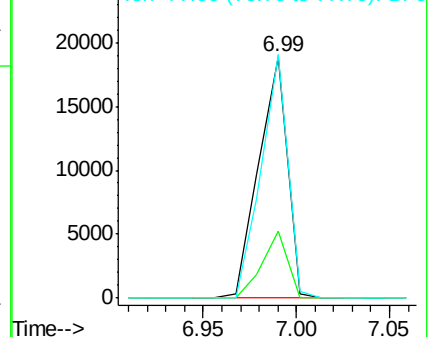
79 100

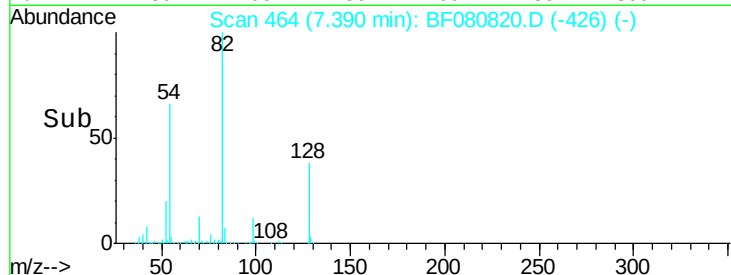
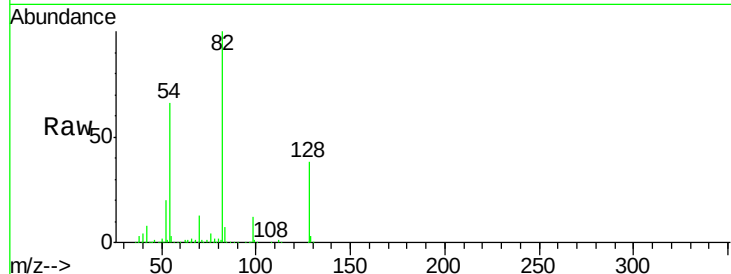
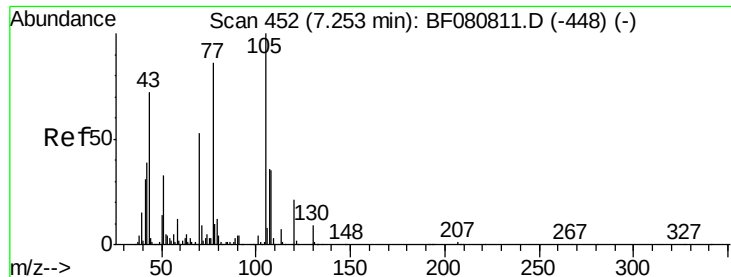
108 27.9 56.9 85.3#

77 101.0 50.4 75.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

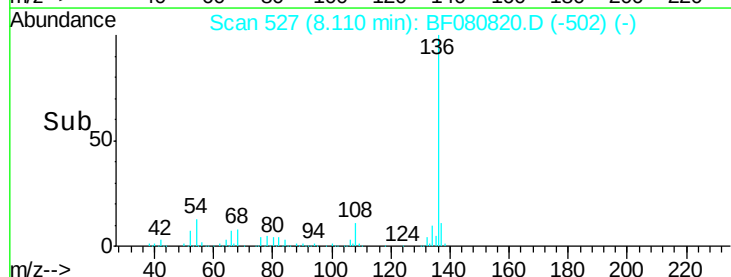
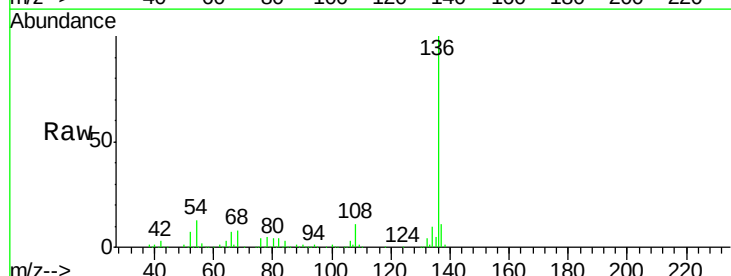
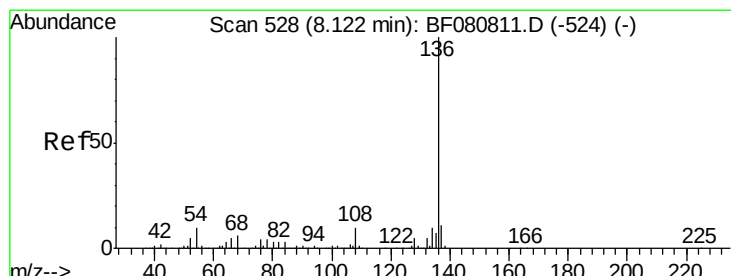
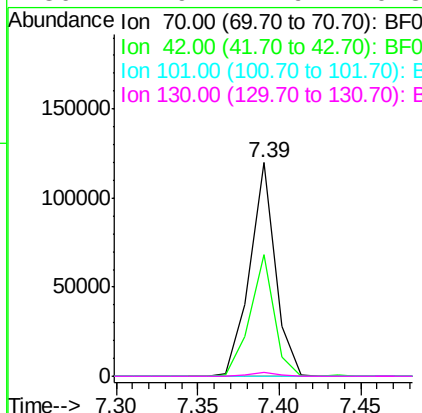




#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.14 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

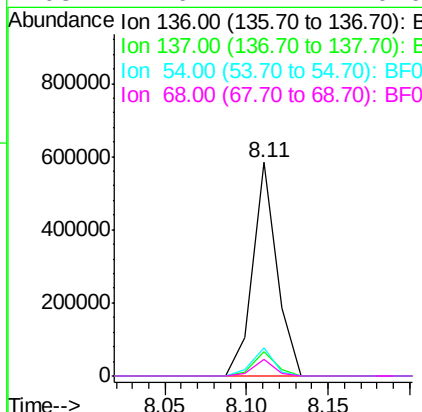
Instrument :
BNA_F
ClientSampleId :
PB84719BL

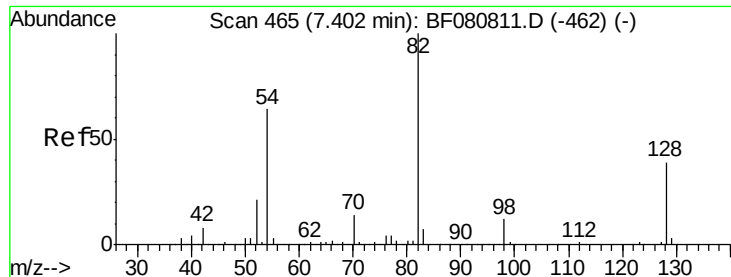
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	59.1	88.7#
101	0.0	6.6	10.0#
130	1.9	12.9	19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.4	7.9	11.9#
68	7.6	4.4	6.6#

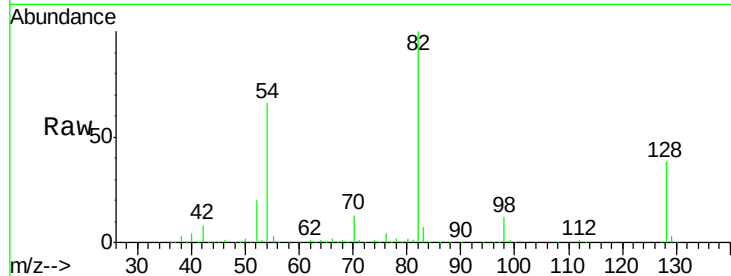




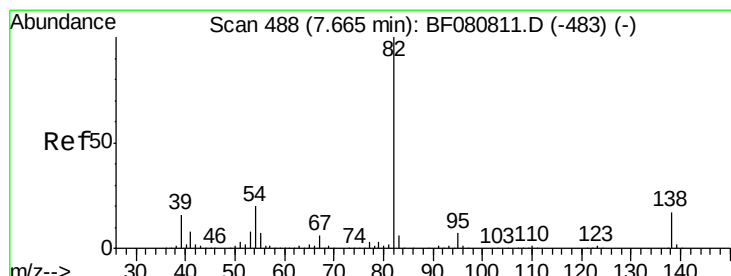
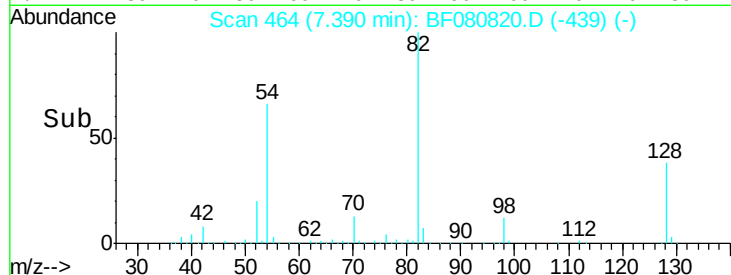
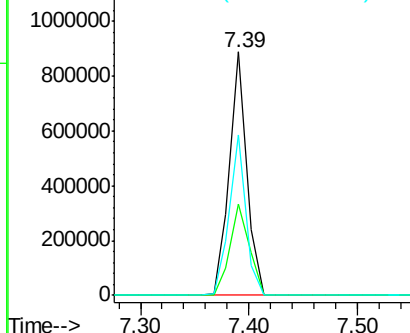
#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
 BNA_F
 ClientSampleID :
 PB84719BL

Tot Ion	82	Resp	985147
Ion Ratio	100	Lower	Upper
128	37.7	31.4	47.0
54	65.6	51.0	76.4

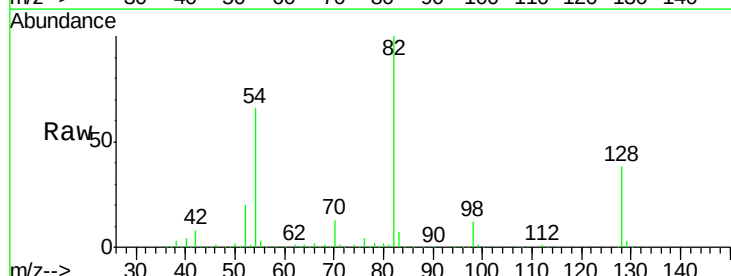


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

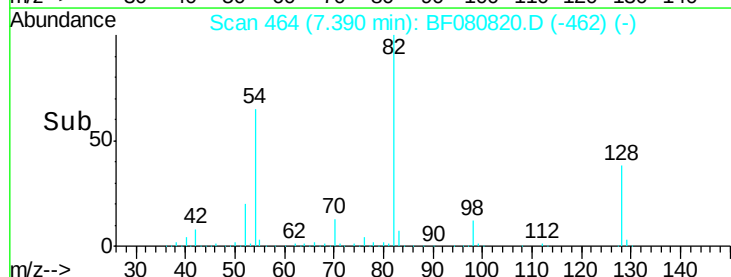
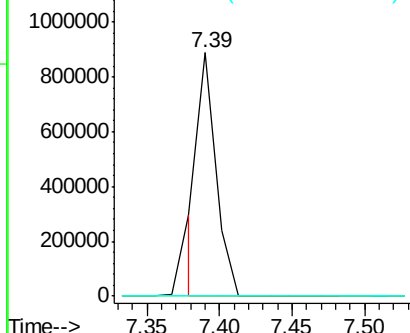


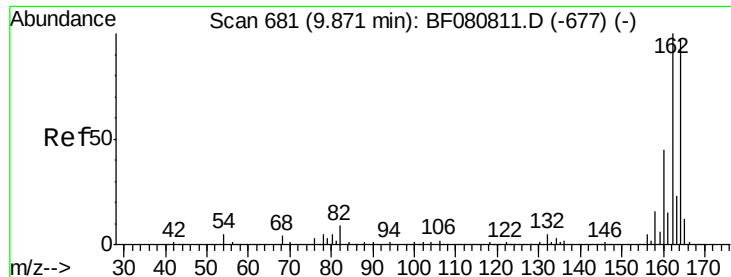
#25
 Isophorone
 Concen: 35.73 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.27 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion	82	Resp	777651
Ion Ratio	100	Lower	Upper
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#



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

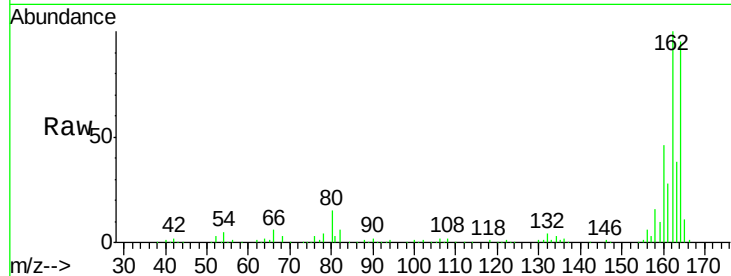




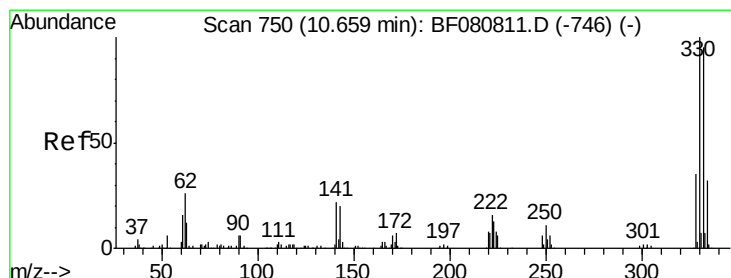
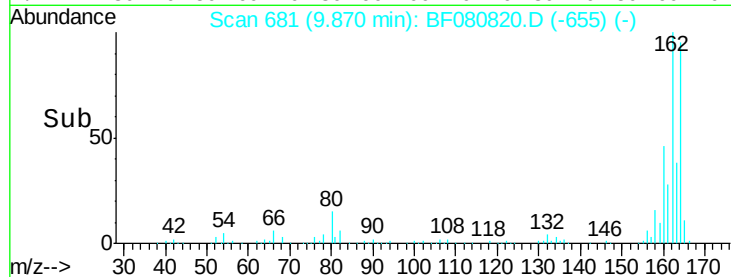
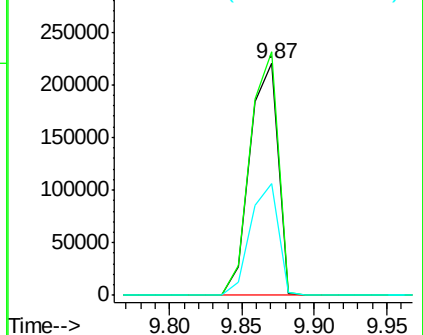
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tot Ion:164 Resp: 297809
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.3 123.5
 160 48.3 37.3 55.9

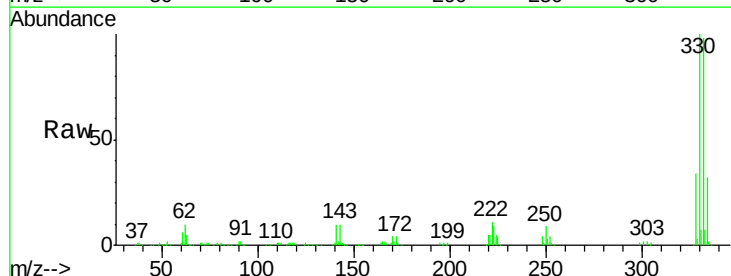


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

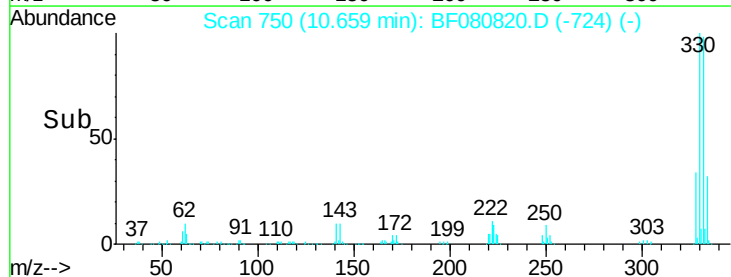
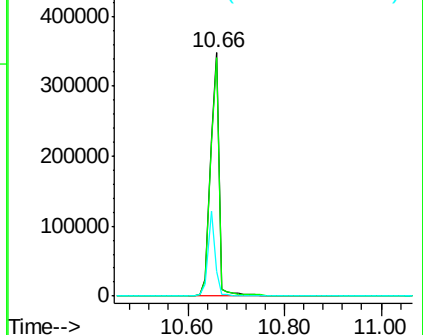


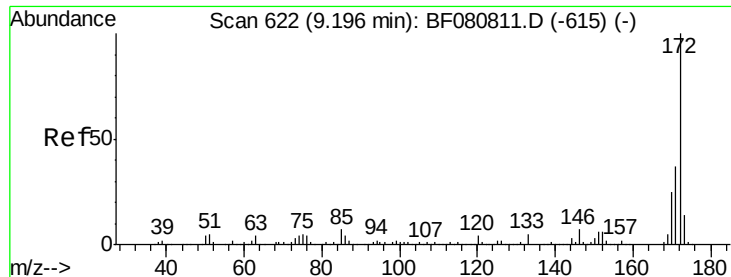
#41
 2,4,6-Tribromophenol
 Concen: 152.96 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:330 Resp: 436513
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.2 114.4
 141 29.4 25.4 38.0



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

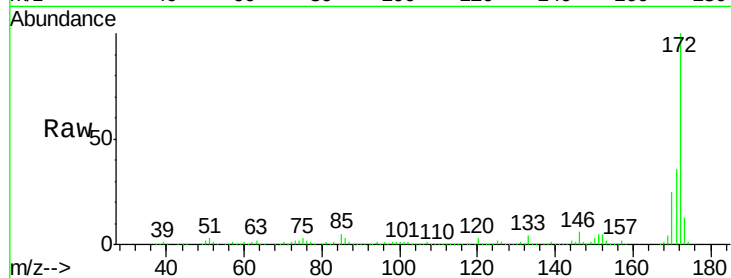




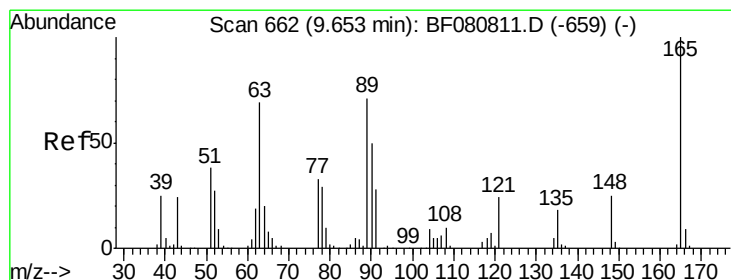
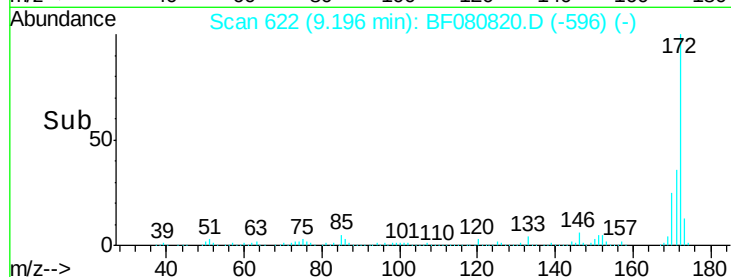
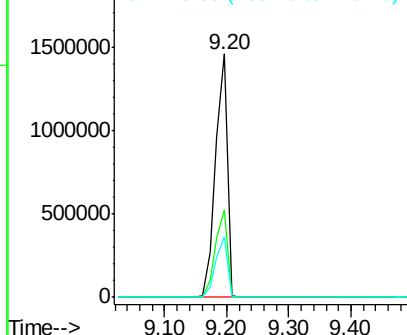
#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tot Ion:172 Resp: 1868675
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 24.7 20.2 30.4

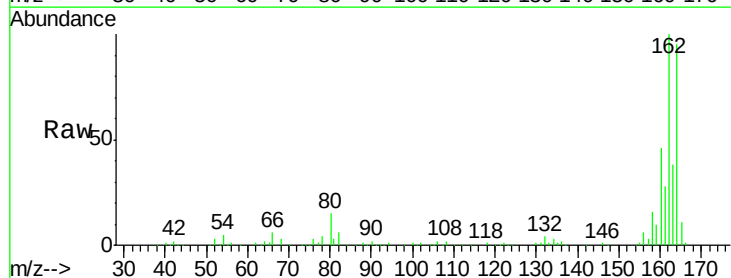


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

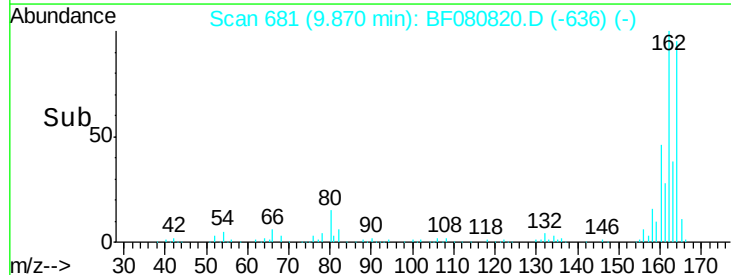
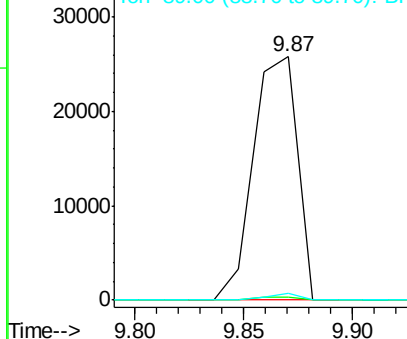


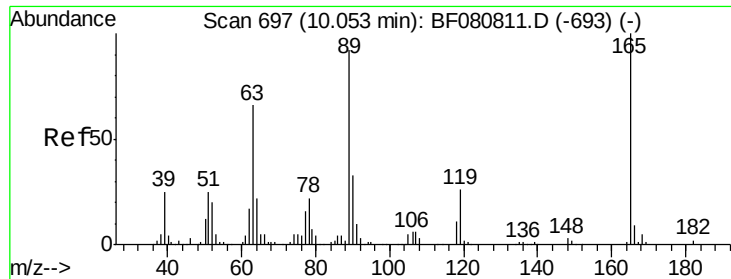
#50
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.22 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:165 Resp: 36514
 Ion Ratio Lower Upper
 165 100
 63 1.4 68.2 102.4#
 89 2.8 56.9 85.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

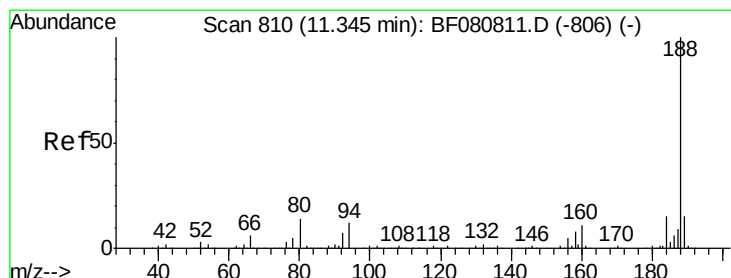
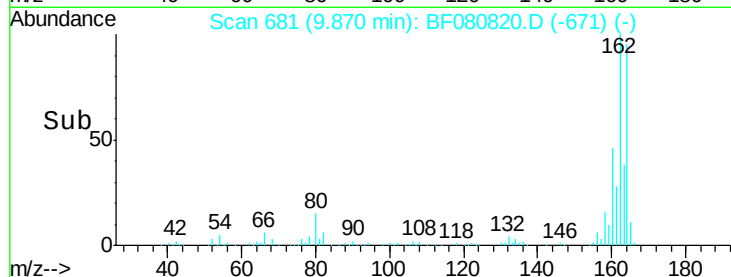
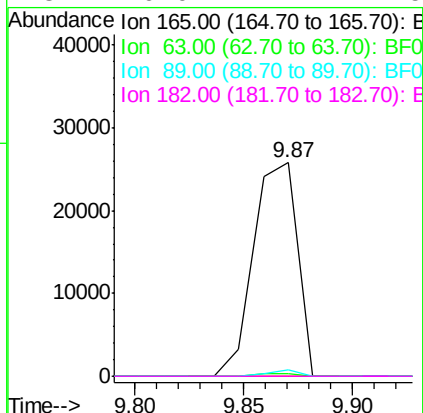
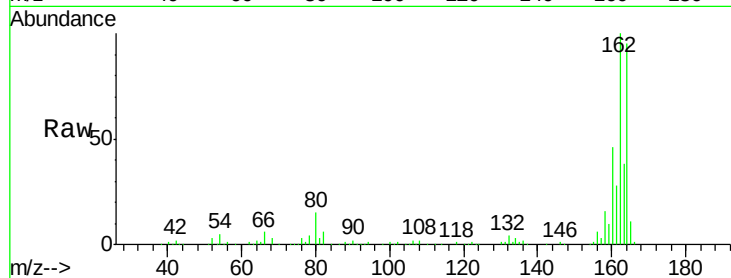




#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.18 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

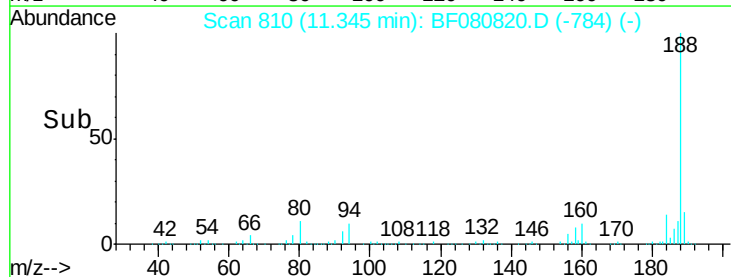
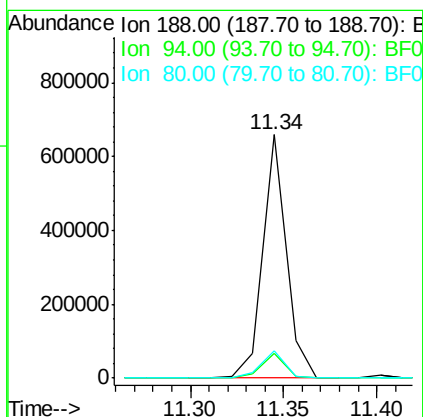
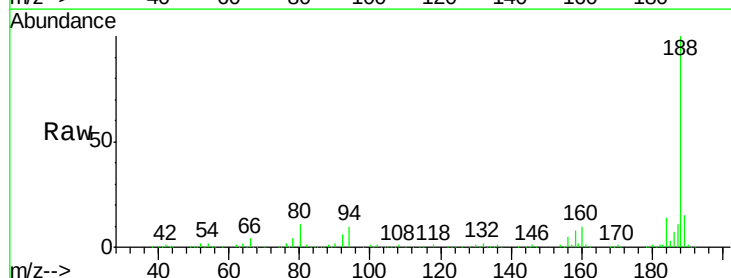
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

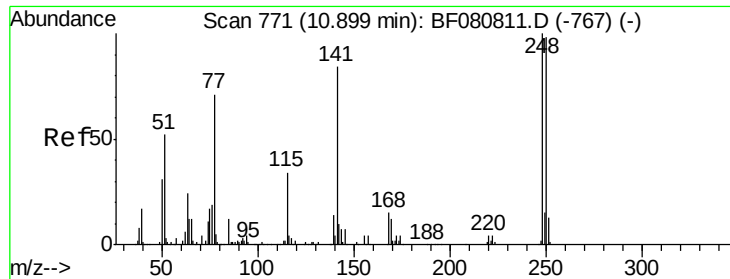
Tot Ion:165 Resp: 36514
 Ion Ratio Lower Upper
 165 100
 63 1.4 53.3 79.9#
 89 2.8 73.5 110.3#
 182 0.0 1.7 2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:188 Resp: 574437
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.7 14.5
 80 11.4 11.2 16.8

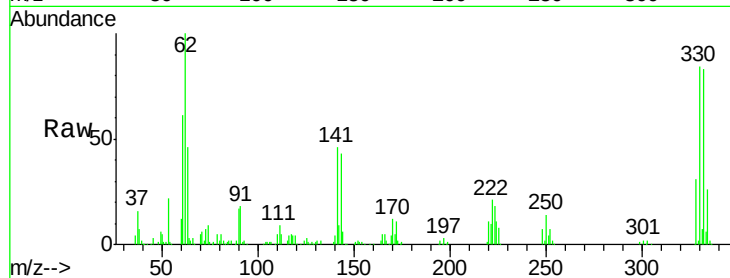




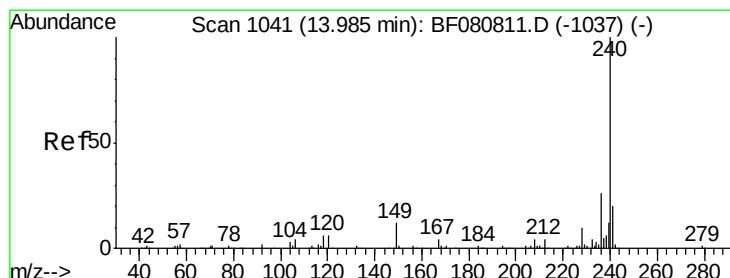
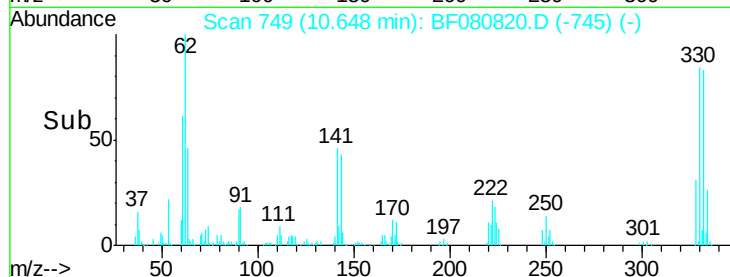
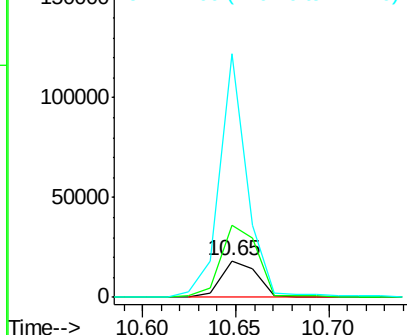
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Instrument :
BNA_F
ClientSampleId :
PB84719BL

Tot Ion:248 Resp: 24241
Ion Ratio Lower Upper
248 100
250 199.0 78.4 117.6#
141 671.2 67.3 100.9#

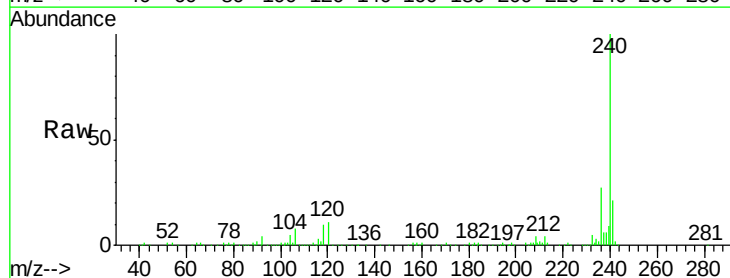


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

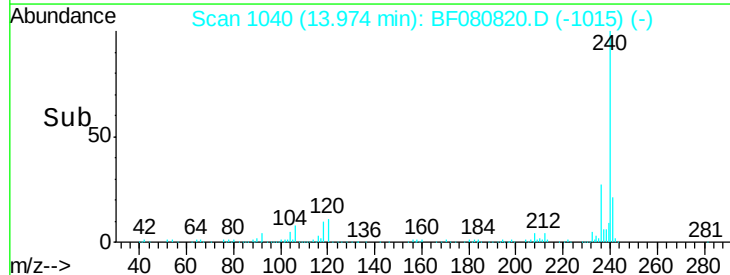
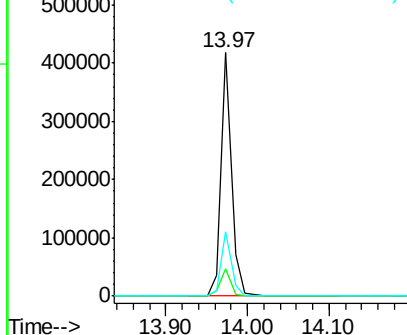


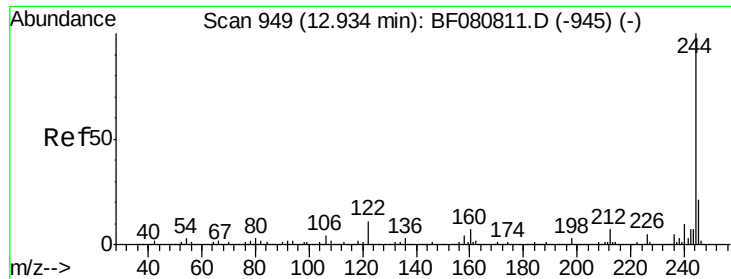
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Tgt Ion:240 Resp: 367626
Ion Ratio Lower Upper
240 100
120 11.5 5.0 7.4#
236 26.6 20.8 31.2



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



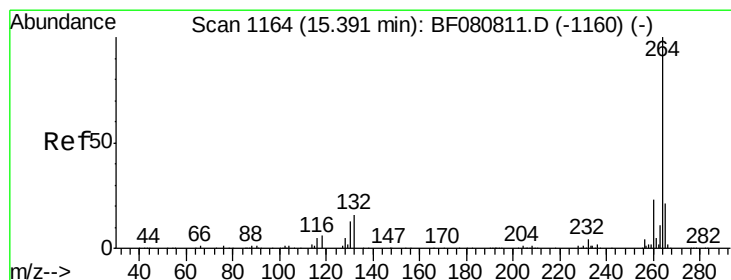
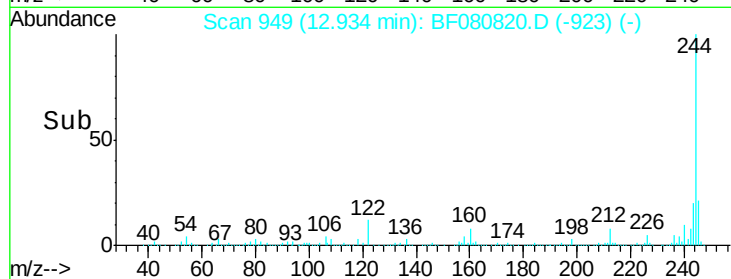
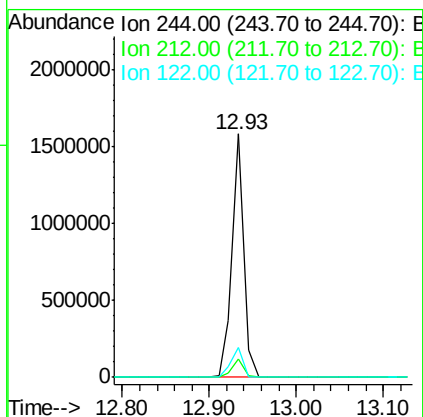
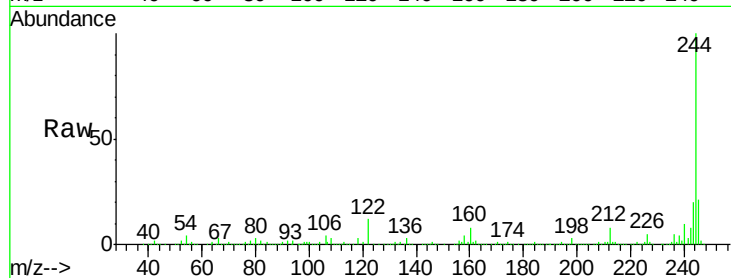


#78
 Terphenyl-d14
 Concen: 80.07 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tot Ion:244 Resp: 1477042

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	12.1	9.1	13.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:264 Resp: 266803

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	19.9	17.0	25.6

