

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080832.D
 Acq On : 4 Aug 2015 9:13
 Operator : TP
 Sample : G3172-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH-073115

Quant Time: Aug 04 11:01:57 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

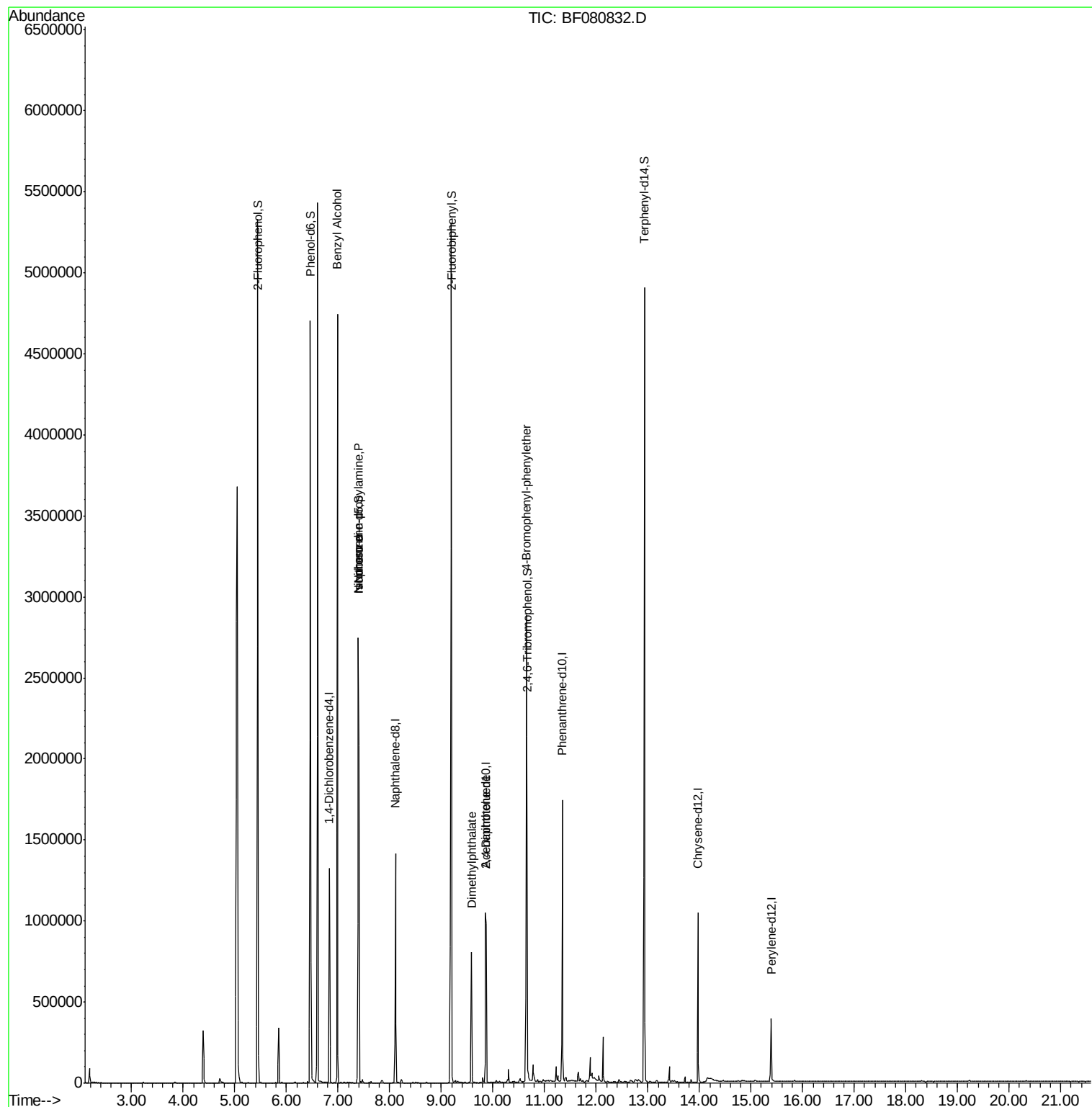
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175804	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	634984	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	307946	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	581535	20.00	ng	0.00
75) Chrysene-d12	13.97	240	338302	20.00	ng	-0.01
86) Perylene-d12	15.39	264	232462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1425820	135.21	ng	0.01
7) Phenol-d6	6.46	99	1830641	129.06	ng	0.00
23) Nitrobenzene-d5	7.39	82	1339288	104.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	530457	179.76	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2158099	105.93	ng	0.00
78) Terphenyl-d14	12.93	244	1461618	86.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	2747	Below Cal	#	2
15) Benzyl Alcohol	6.99	79	22618	2.35 ng	#	48
19) n-Nitroso-di-n-propylamine	7.39	70	178825	19.49 ng	#	76
25) Isophorone	7.39	82	1105227	48.03 ng	#	66
49) Dimethylphthalate	9.58	163	294453	14.31 ng		99
56) 2,4-Dinitrotoluene	9.86	165	38437	6.86 ng	#	12
66) 4-Bromophenyl-phenylether	10.65	248	31584	4.94 ng	#	1

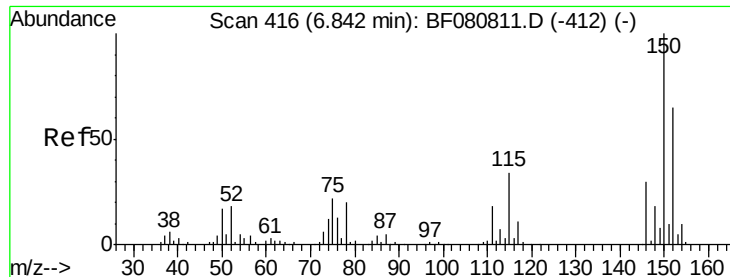
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
Data File : BF080832.D
Acq On : 4 Aug 2015 9:13
Operator : TP
Sample : G3172-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTH-073115

Quant Time: Aug 04 11:01:57 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: BF080832.D

Acq: 4 Aug 2015 9:13

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH-073115

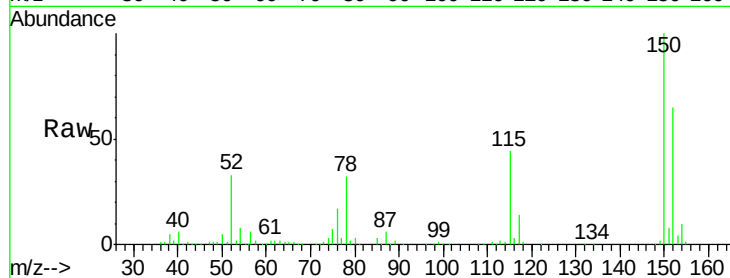
Tot Ion:152 Resp: 175804

Ion Ratio Lower Upper

152 100

150 153.0 122.9 184.3

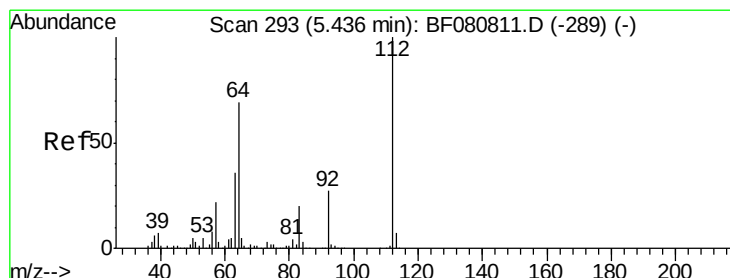
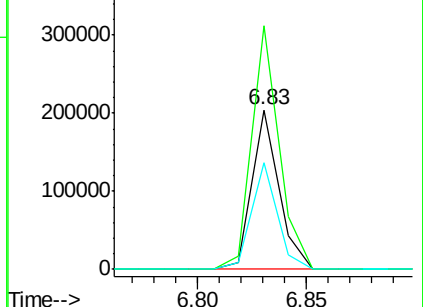
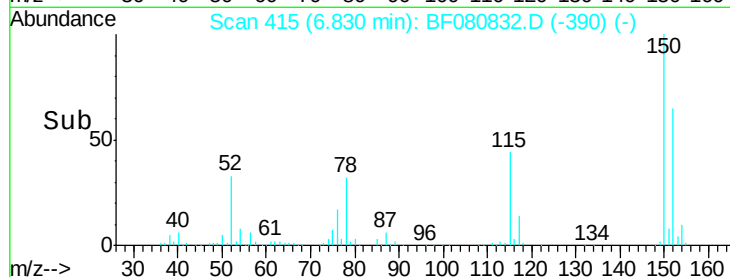
115 66.8 42.0 63.0#



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: 135.21 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

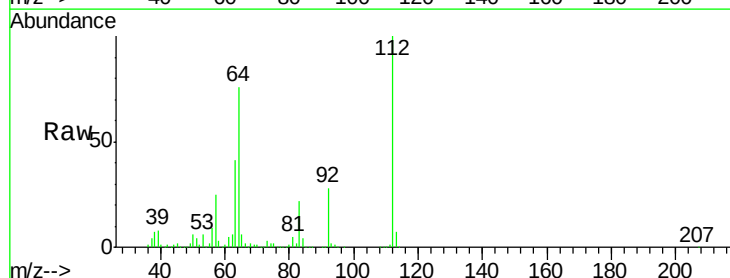
Tgt Ion:112 Resp: 1425820

Ion Ratio Lower Upper

112 100

64 76.0 55.0 82.4

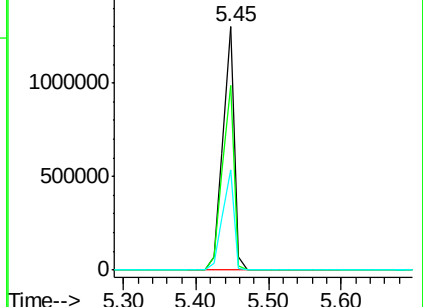
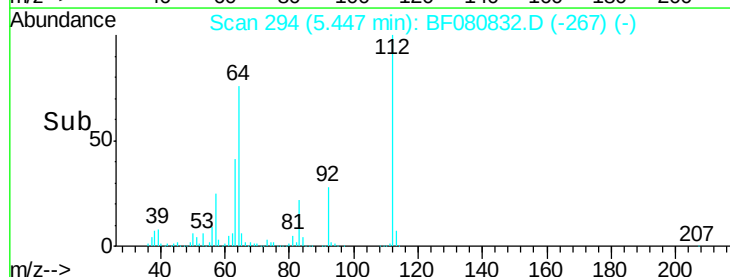
63 41.1 28.6 42.8

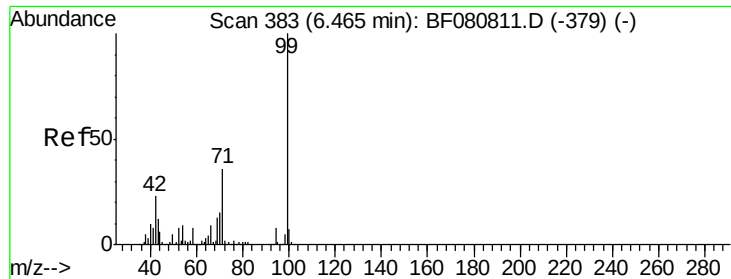


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.06 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH-073115

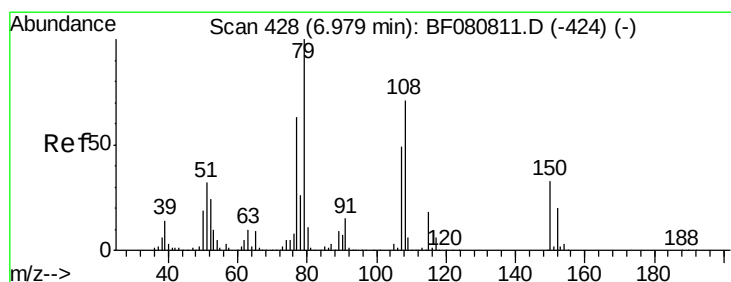
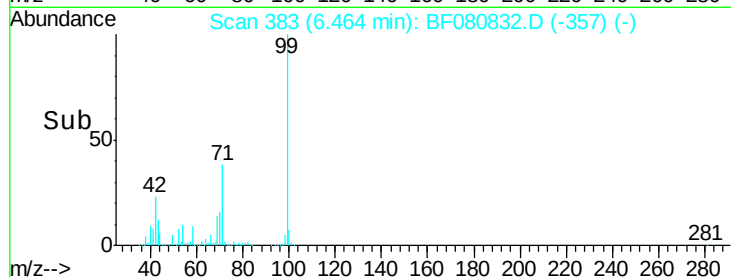
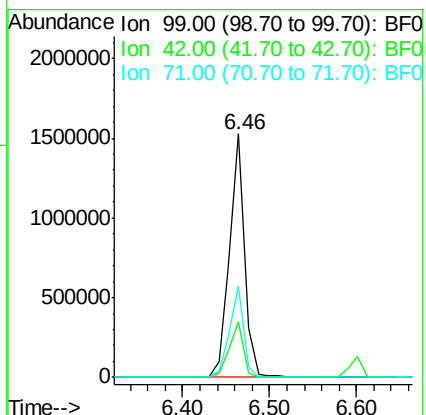
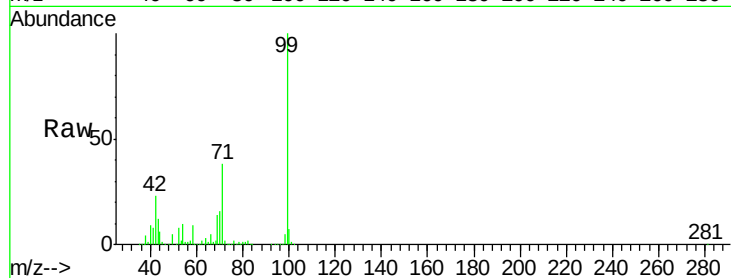
Tot Ion: 99 Resp: 1830641

Ion Ratio Lower Upper

99 100

42 23.0 18.4 27.6

71 37.5 28.7 43.1



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

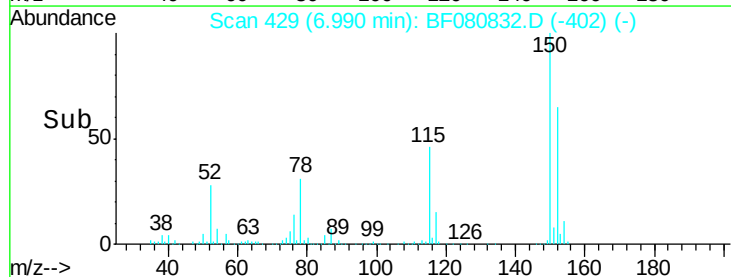
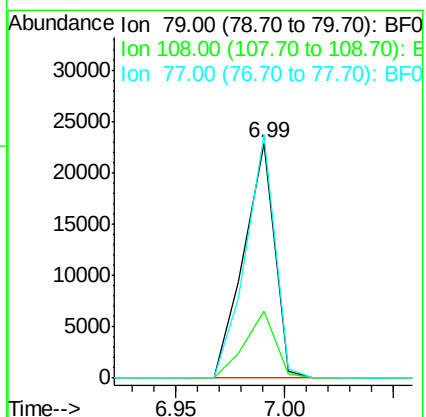
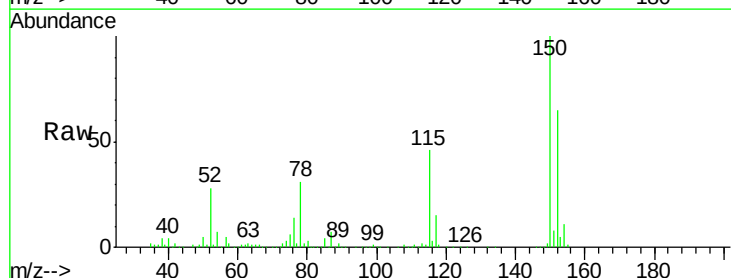
Tgt Ion: 79 Resp: 22618

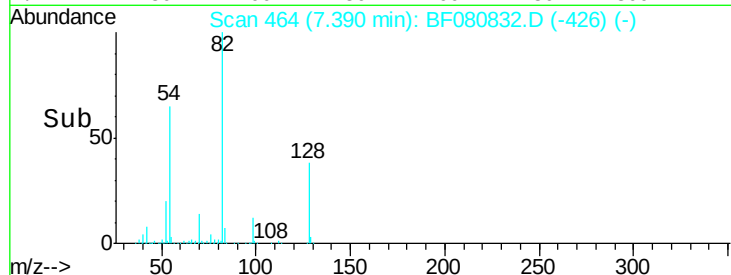
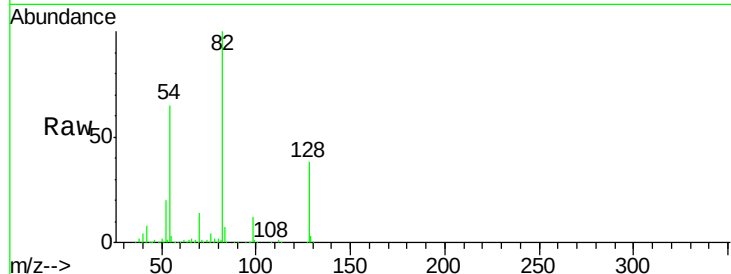
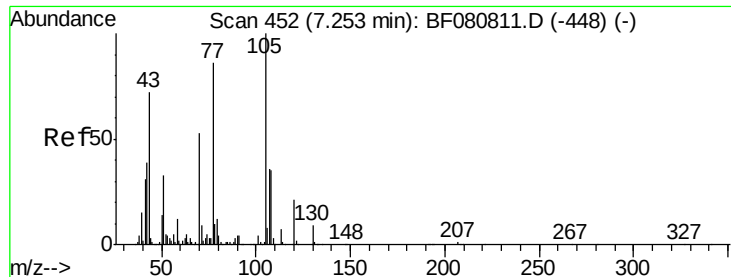
Ion Ratio Lower Upper

79 100

108 28.4 56.9 85.3#

77 103.6 50.4 75.6#

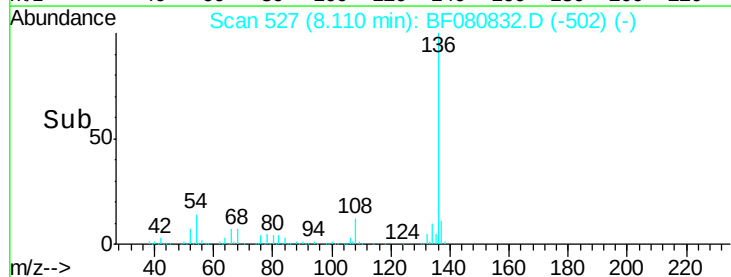
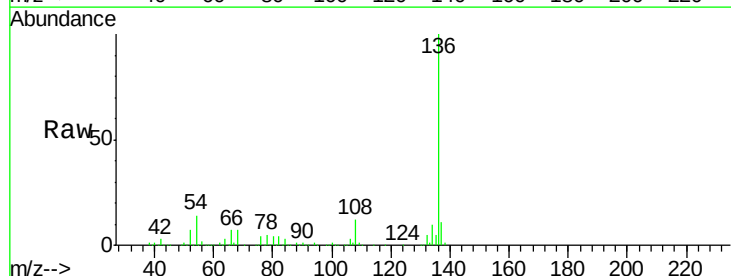
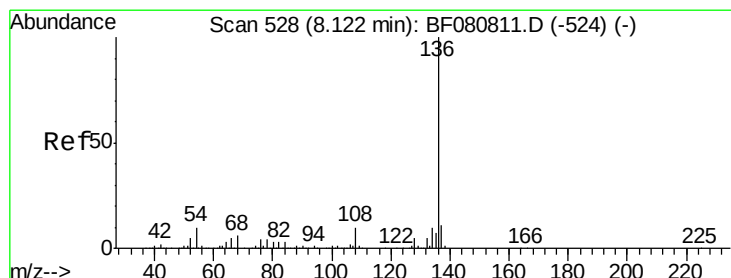
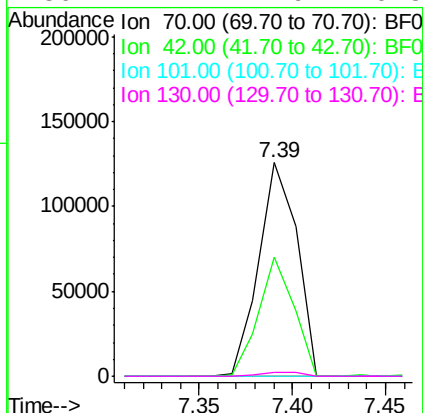




#19
n-Nitroso-di-n-propylamine
Concen: 19.49 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.14 min
Lab File: BF080832.D
Acq: 4 Aug 2015 9:13

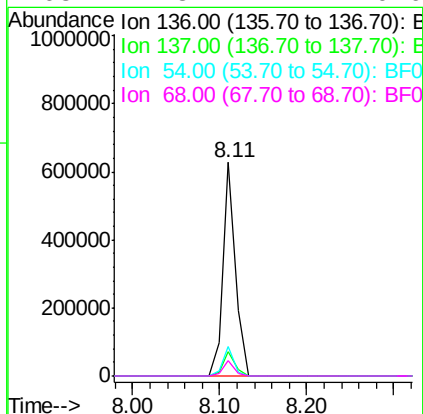
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTH-073115

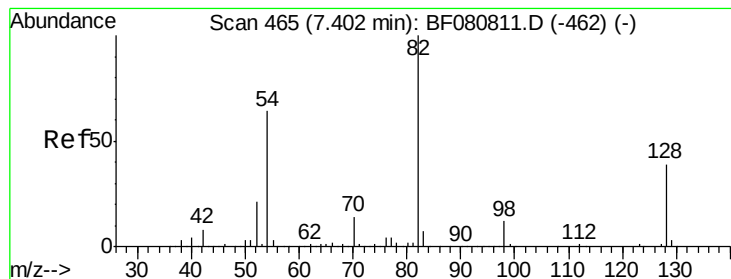
Tot Ion:	70	Resp:	178825
Ion	Ratio	Lower	Upper
70	100		
42	55.7	59.1	88.7#
101	0.0	6.6	10.0#
130	1.7	12.9	19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080832.D
Acq: 4 Aug 2015 9:13

Tgt Ion:	136	Resp:	634984
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.1	7.9	11.9#
68	7.3	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 104.08 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH-073115

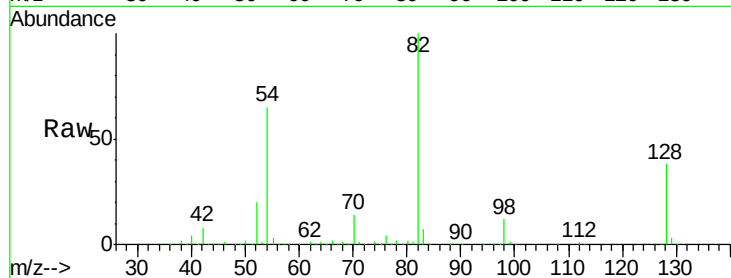
Tot Ion: 82 Resp: 1339288

Ion Ratio Lower Upper

82 100

128 38.3 31.4 47.0

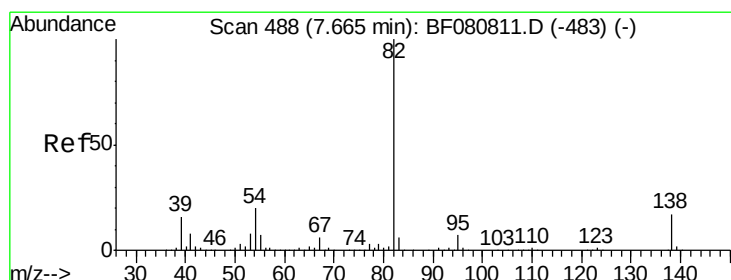
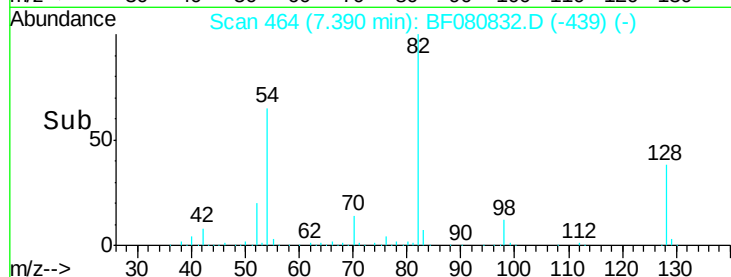
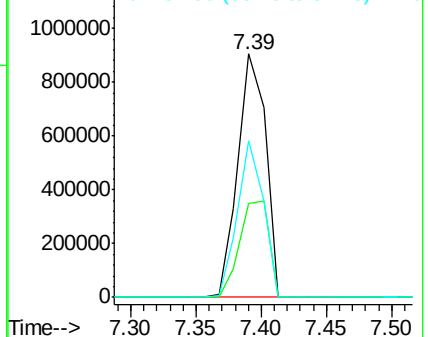
54 64.5 51.0 76.4



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: 48.03 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.27 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

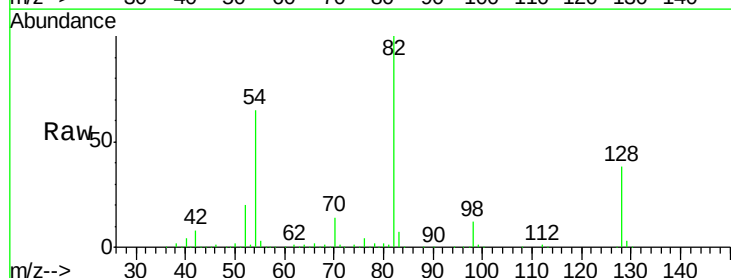
Tgt Ion: 82 Resp: 1105227

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

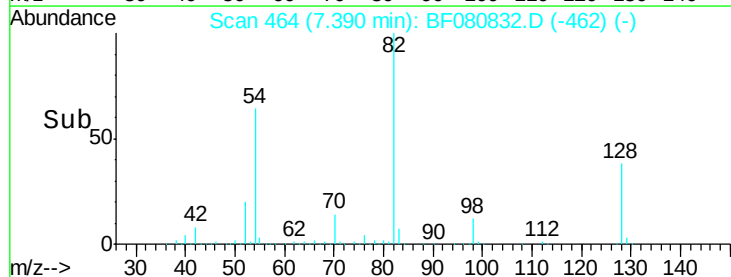
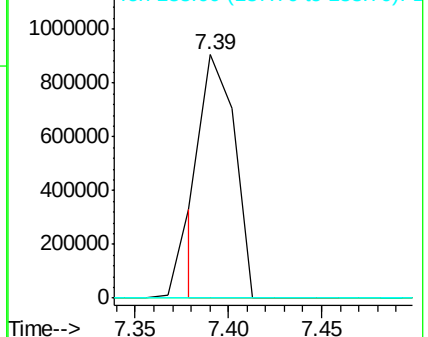
138 0.0 13.4 20.2#

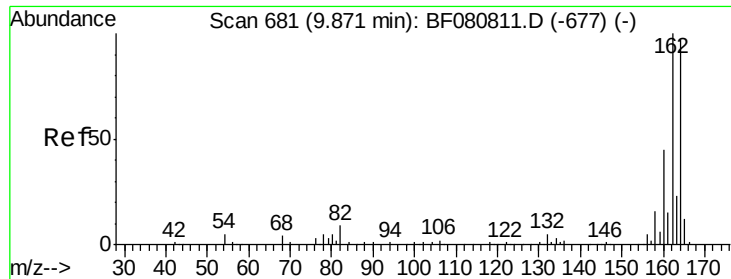


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH-073115

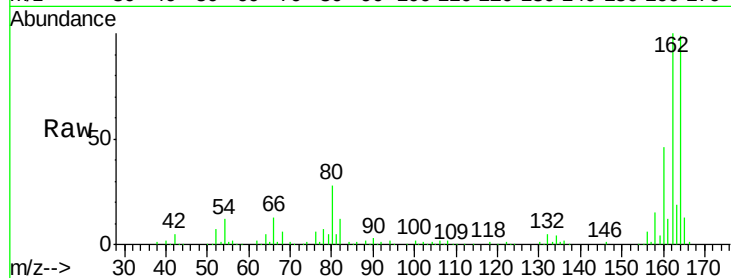
Tot Ion:164 Resp: 307946

Ion Ratio Lower Upper

164 100

162 101.1 82.3 123.5

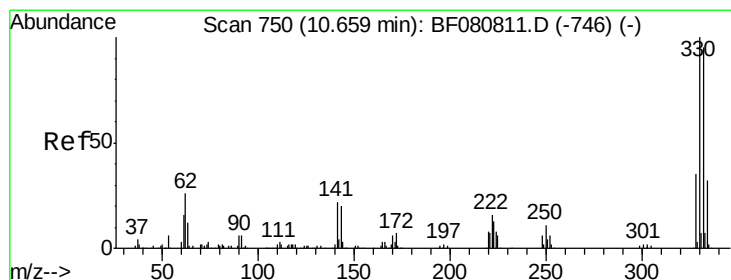
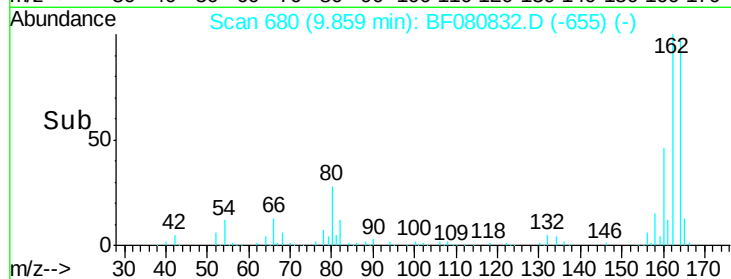
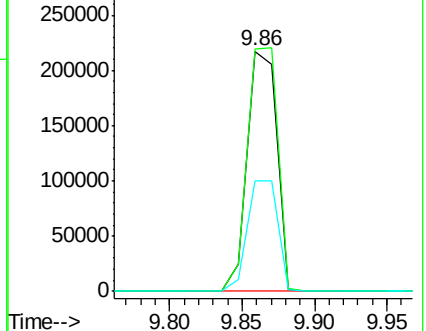
160 46.2 37.3 55.9



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: 179.76 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080832.D

Acq: 4 Aug 2015 9:13

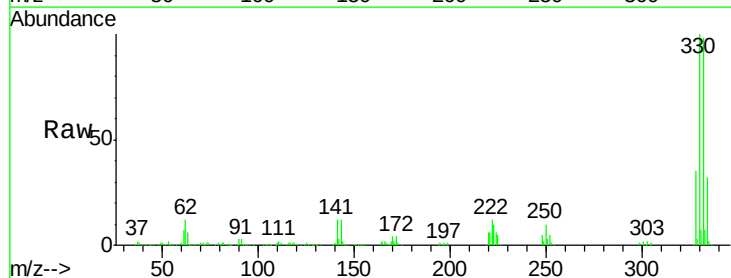
Tgt Ion:330 Resp: 530457

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

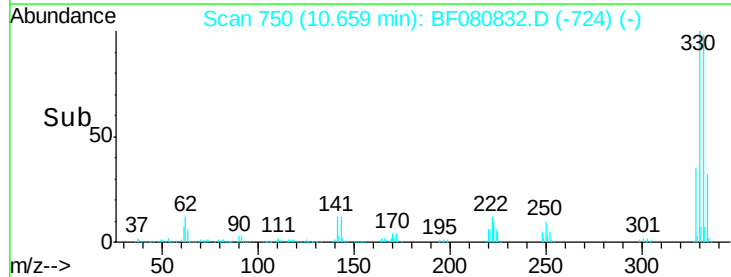
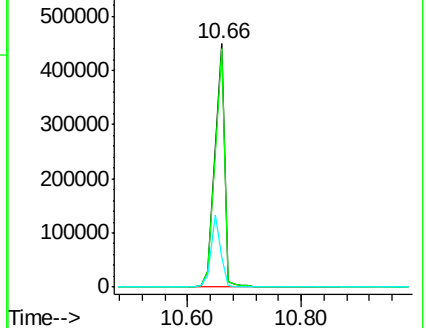
141 28.7 25.4 38.0

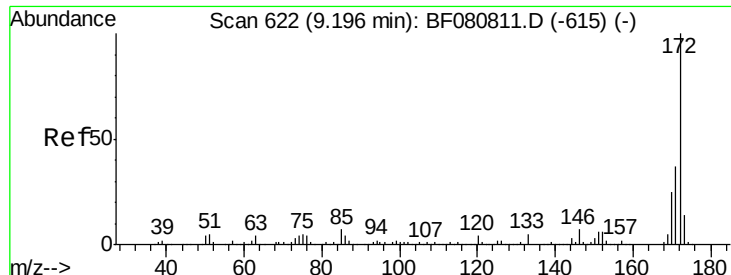


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

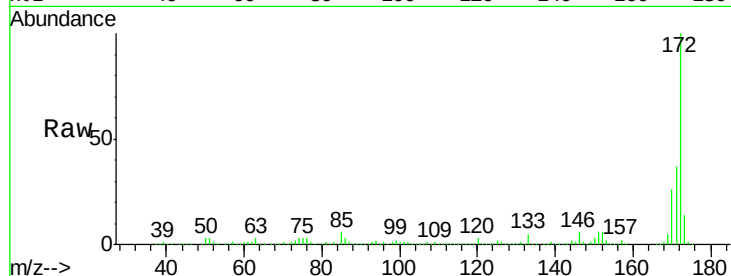




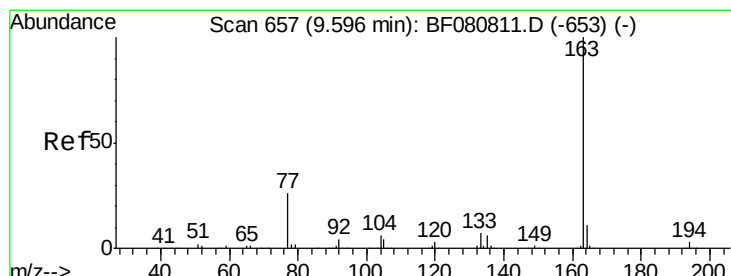
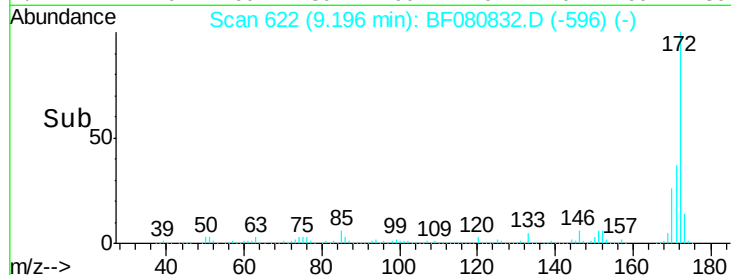
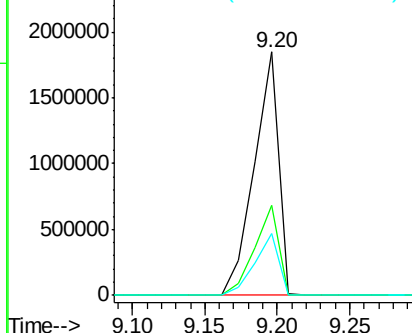
#44
 2-Fluorobiphenyl
 Concen: 105.93 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080832.D
 Acq: 4 Aug 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH-073115

Tot Ion:172 Resp: 2158099
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 25.5 20.2 30.4

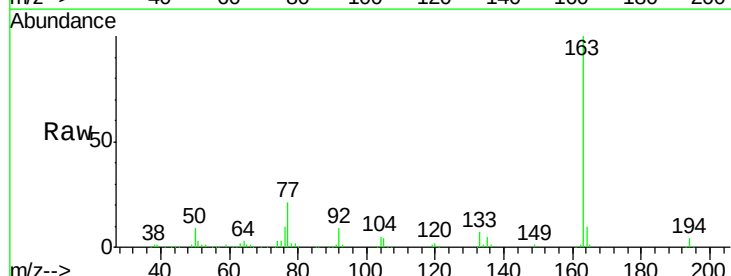


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

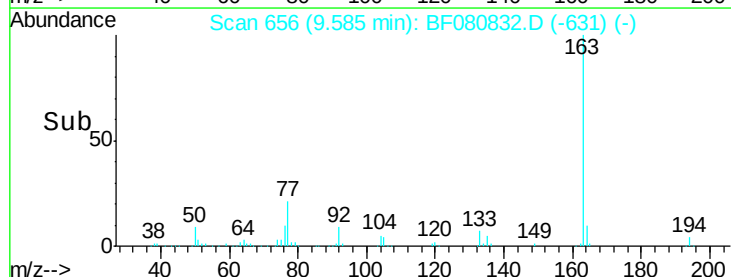
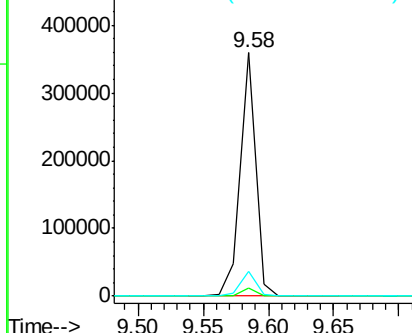


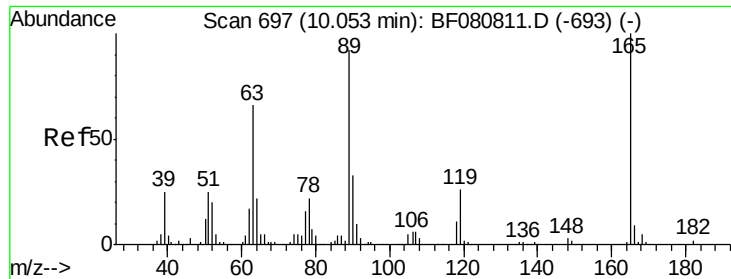
#49
 Dimethylphthalate
 Concen: 14.31 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF080832.D
 Acq: 4 Aug 2015 9:13

Tgt Ion:163 Resp: 294453
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.1 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

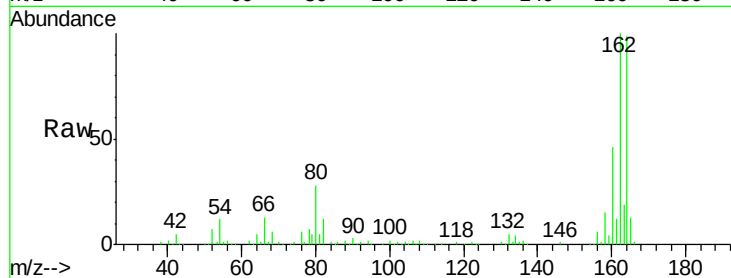




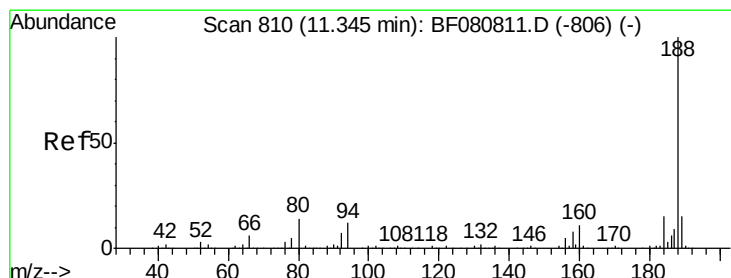
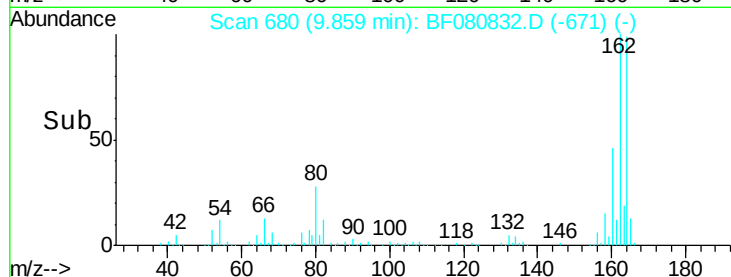
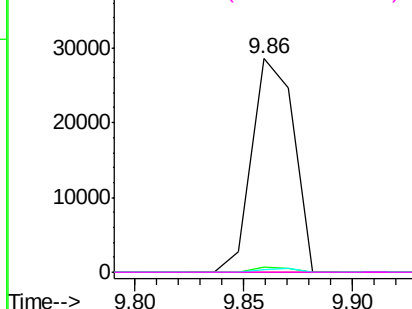
#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.19 min
 Lab File: BF080832.D
 Acq: 4 Aug 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH-073115

Tot Ion:165 Resp: 38437
 Ion Ratio Lower Upper
 165 100
 63 2.4 53.3 79.9#
 89 1.3 73.5 110.3#
 182 0.0 1.7 2.5#

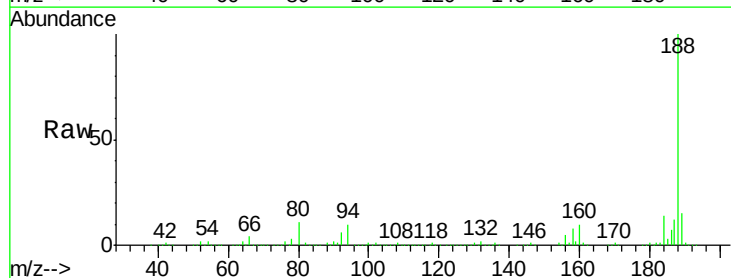


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

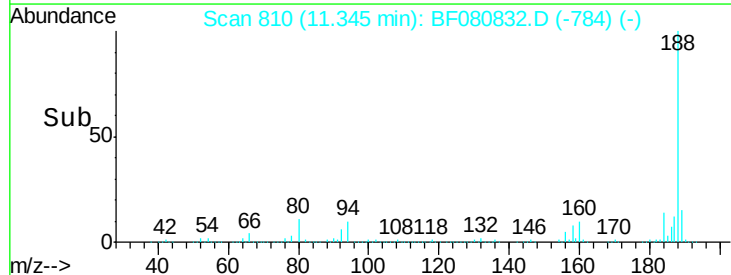
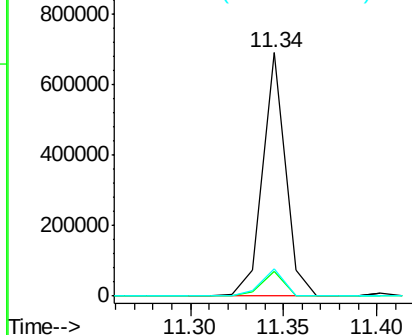


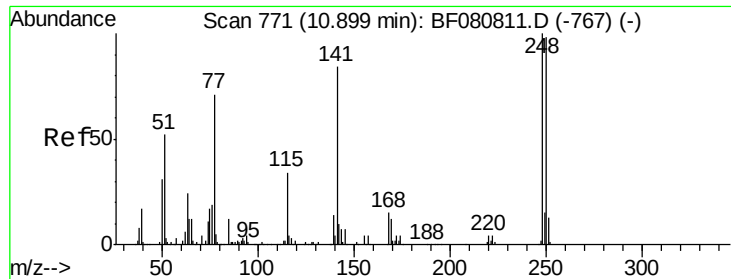
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF080832.D
 Acq: 4 Aug 2015 9:13

Tgt Ion:188 Resp: 581535
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.7 14.5
 80 11.1 11.2 16.8#



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

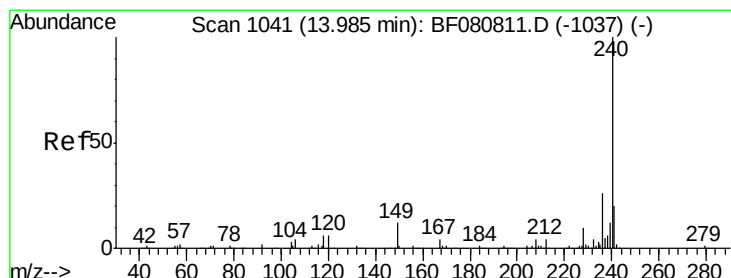
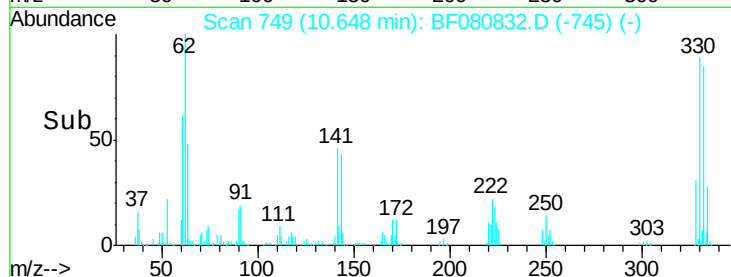
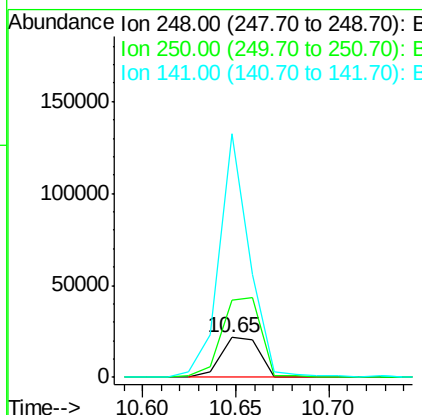
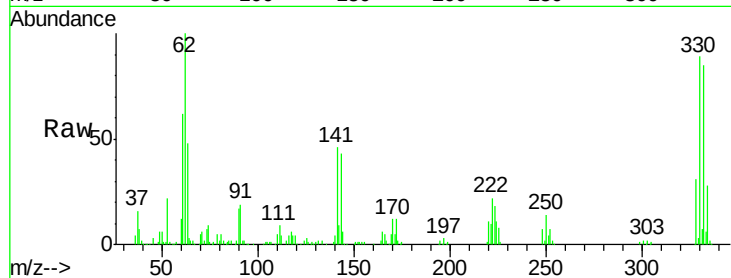




#66
4-Bromophenyl-phenylether
Concen: 4.94 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF080832.D
Acq: 4 Aug 2015 9:13

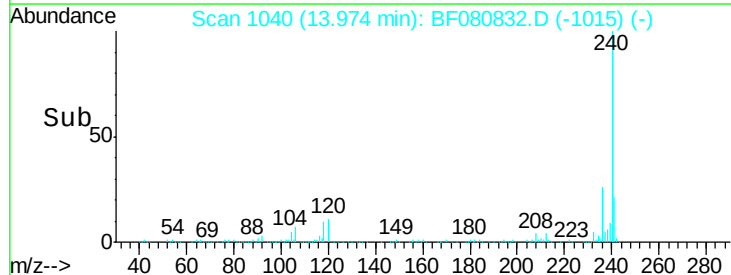
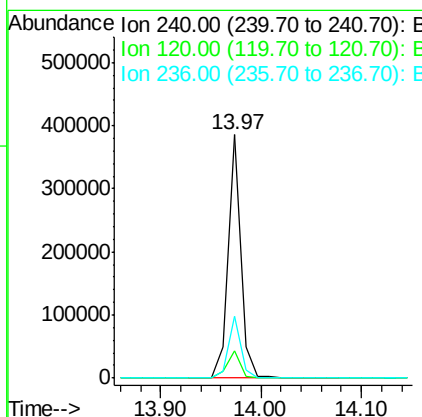
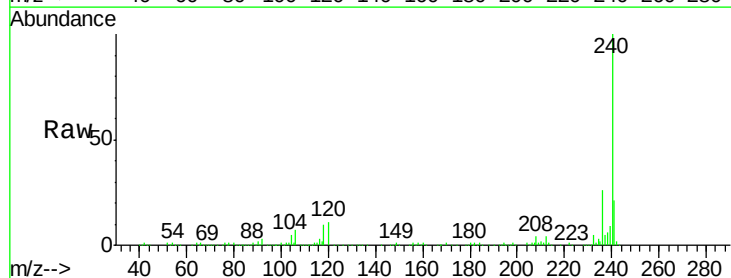
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTH-073115

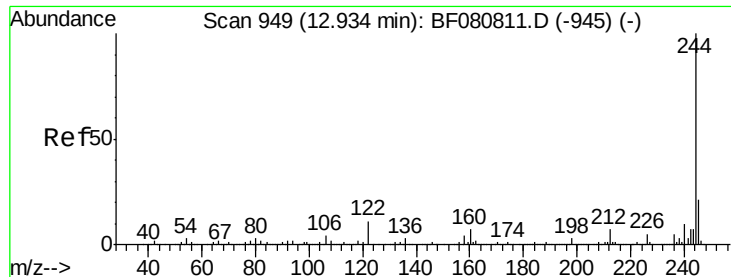
Tot Ion:248 Resp: 31584
Ion Ratio Lower Upper
248 100
250 191.9 78.4 117.6#
141 609.0 67.3 100.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080832.D
Acq: 4 Aug 2015 9:13

Tgt Ion:240 Resp: 338302
Ion Ratio Lower Upper
240 100
120 11.2 5.0 7.4#
236 25.6 20.8 31.2



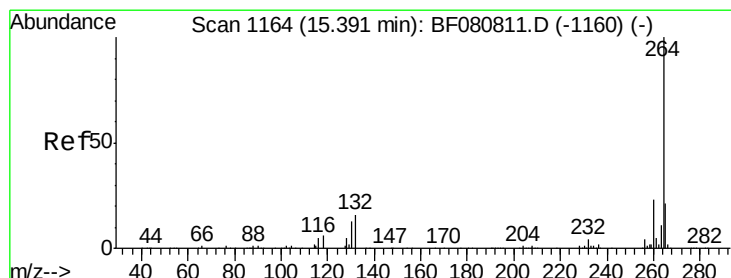
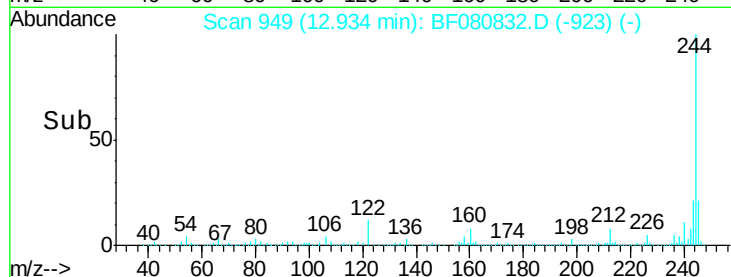
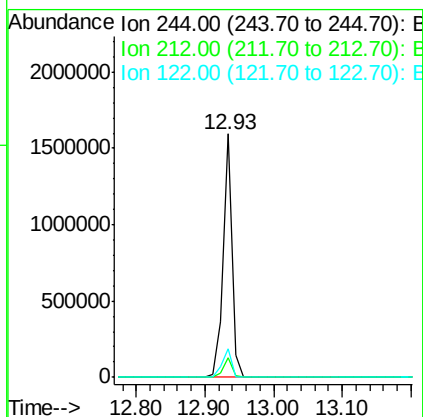
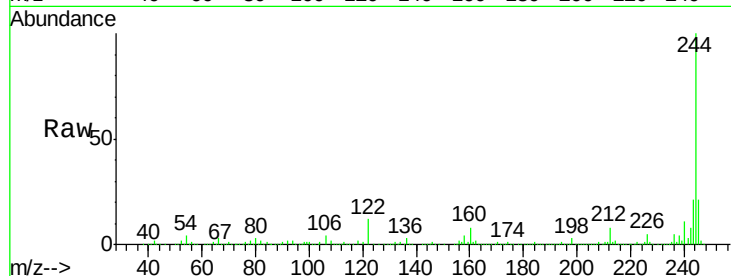


#78
 Terphenyl-d14
 Concen: 86.10 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080832.D
 Acq: 4 Aug 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH-073115

Tot Ion:244 Resp: 1461618

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	11.8	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: BF080832.D
 Acq: 4 Aug 2015 9:13

Tgt Ion:264 Resp: 232462

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.3	27.5
265	20.4	17.0	25.6

