

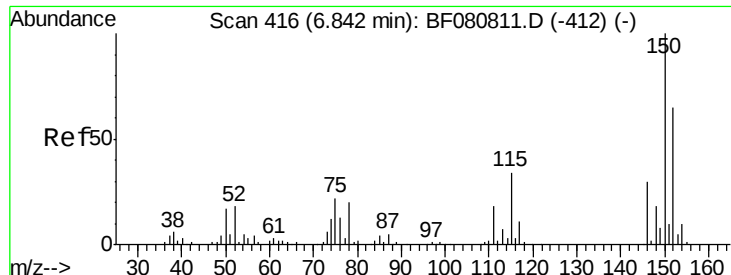
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080833.D
 Acq On : 4 Aug 2015 9:44
 Operator : TP
 Sample : G3172-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Quant Time: Aug 04 11:02:10 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	175653	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	628292	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	309032	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	566637	20.00	ng	0.00
75) Chrysene-d12	13.97	240	304024	20.00	ng	-0.01
86) Perylene-d12	15.39	264	329320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1462714	138.83	ng	0.01
7) Phenol-d6	6.46	99	1939229	136.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	1392645	109.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	549939	185.71	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2156388	105.47	ng	0.00
78) Terphenyl-d14	12.93	244	1368265	89.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	2631	Below Cal	#	2
15) Benzyl Alcohol	6.99	79	22569	2.34 ng	#	48
19) n-Nitroso-di-n-propylamine	7.39	70	188047	20.51 ng	#	77
25) Isophorone	7.39	82	1171921	51.47 ng	#	66
49) Dimethylphthalate	9.58	163	398869	19.32 ng		99
56) 2,4-Dinitrotoluene	9.86	165	40089	7.13 ng	#	12
66) 4-Bromophenyl-phenylether	10.66	248	31848	5.12 ng	#	1

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

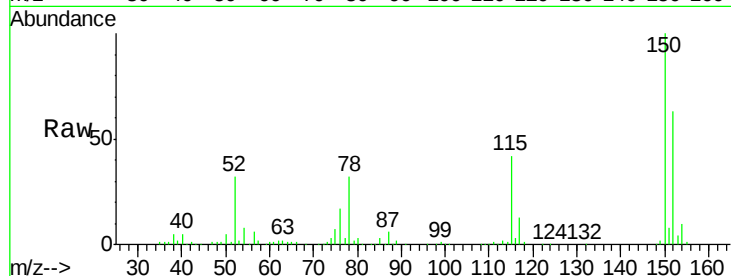


#1

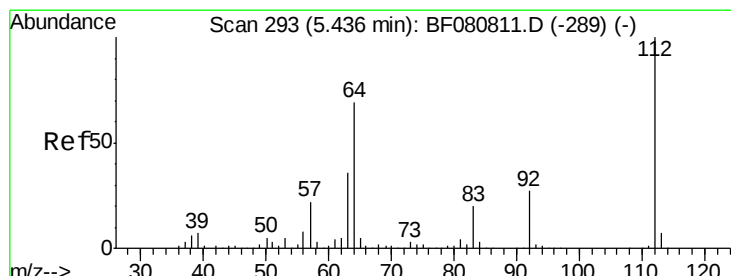
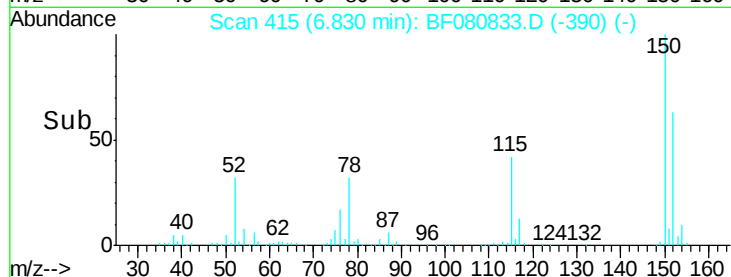
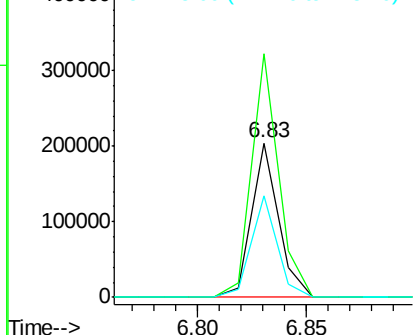
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080833.D
Acq: 4 Aug 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTHEAST-073115

Tot Ion:152 Resp: 175653
Ion Ratio Lower Upper
152 100
150 157.5 122.9 184.3
115 65.8 42.0 63.0#



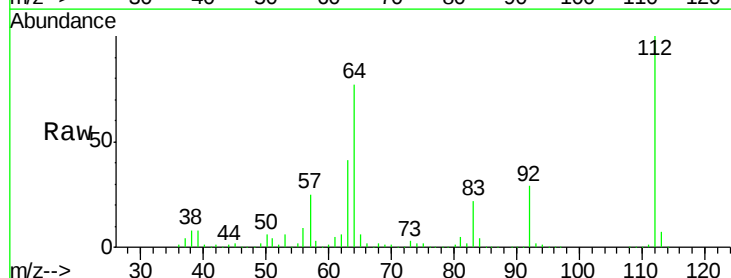
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



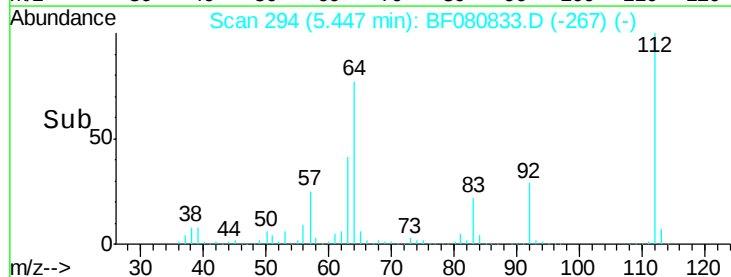
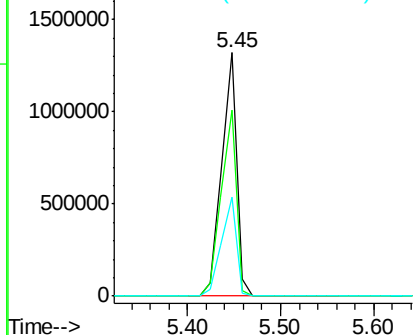
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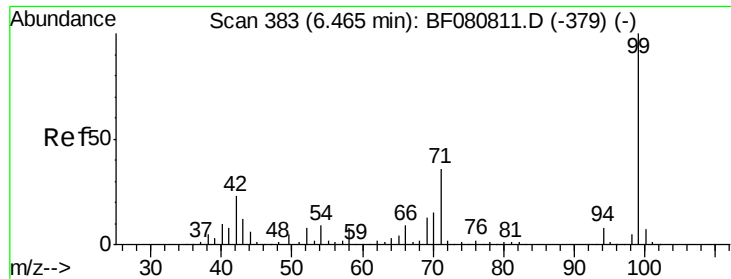
2-Fluorophenol
Concen: 138.83 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080833.D
Acq: 4 Aug 2015 9:44

Tgt Ion:112 Resp: 1462714
Ion Ratio Lower Upper
112 100
64 76.6 55.0 82.4
63 40.8 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: 136.83 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080833.D

Acq: 4 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTHEAST-073115

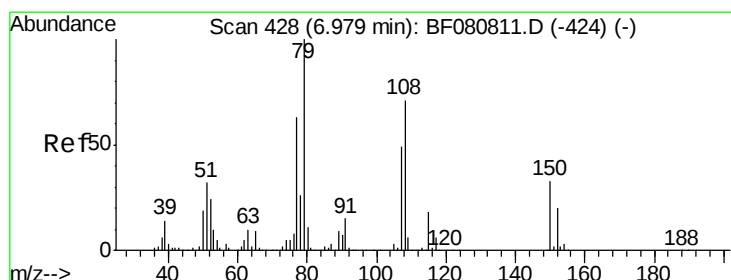
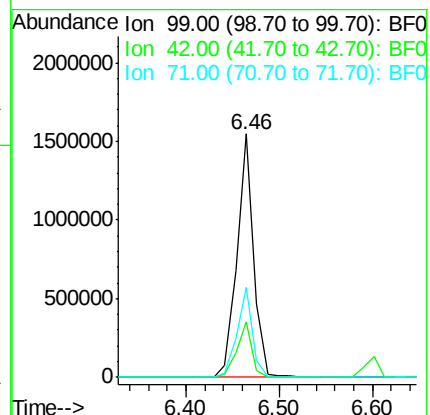
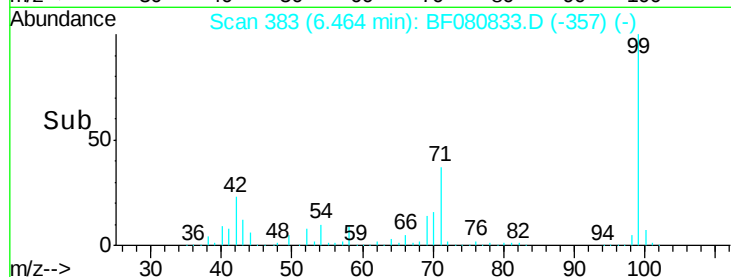
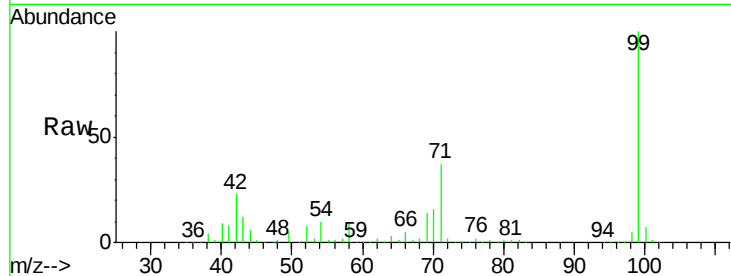
Tot Ion: 99 Resp: 1939229

Ion Ratio Lower Upper

99 100

42 23.0 18.4 27.6

71 37.0 28.7 43.1



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF080833.D

Acq: 4 Aug 2015 9:44

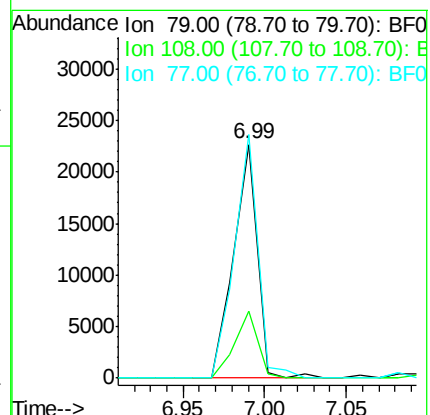
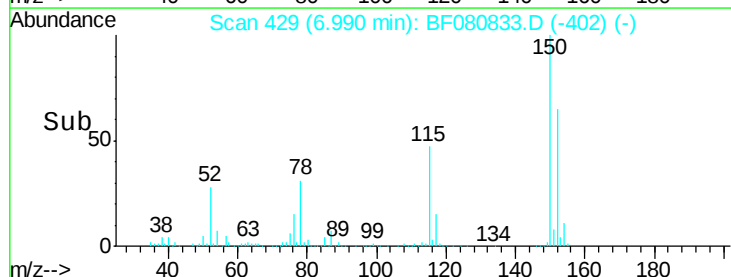
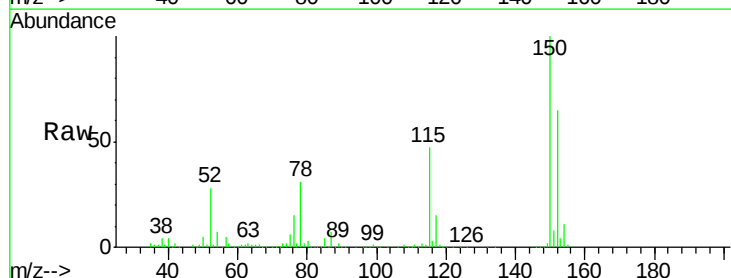
Tgt Ion: 79 Resp: 22569

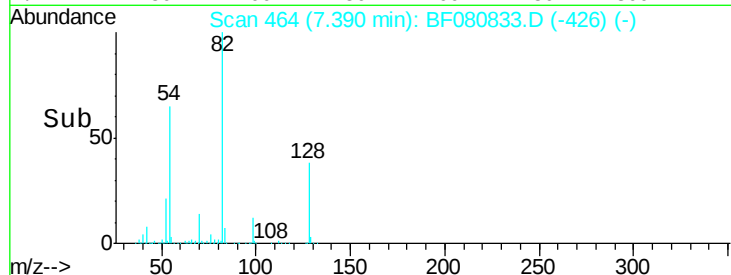
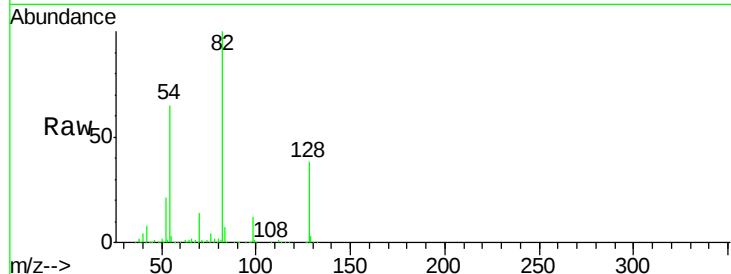
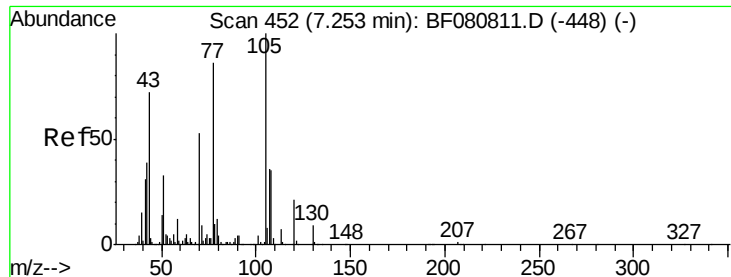
Ion Ratio Lower Upper

79 100

108 28.7 56.9 85.3#

77 104.1 50.4 75.6#

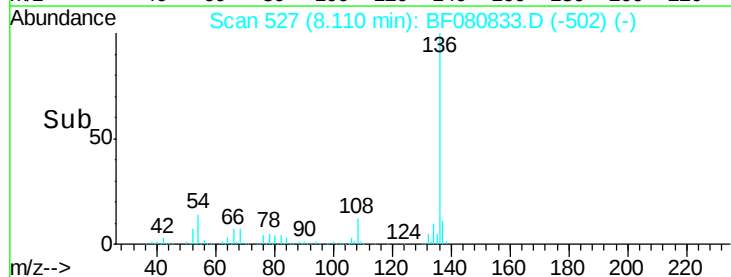
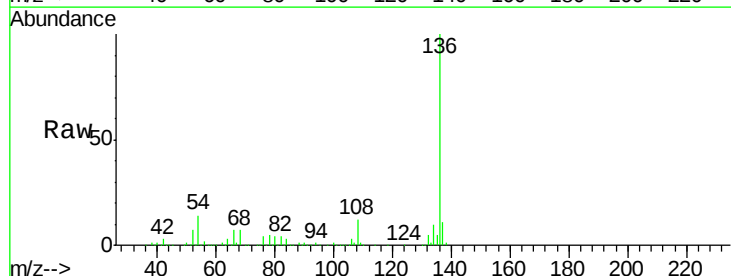
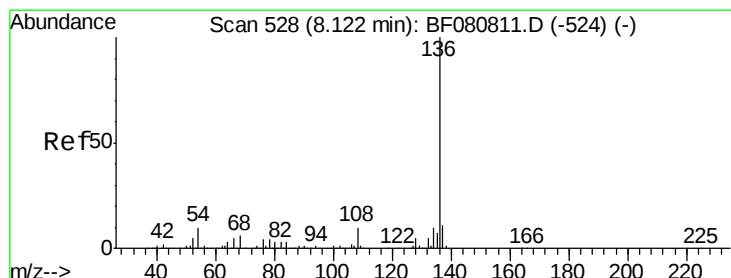
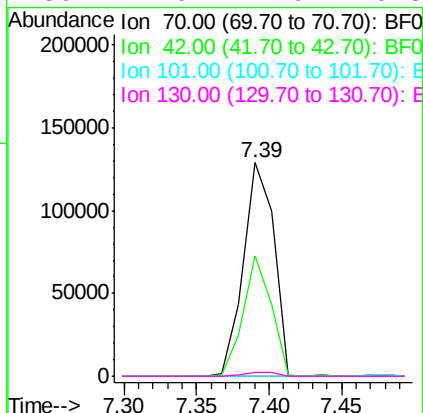




#19
n-Nitroso-di-n-propylamine
Concen: 20.51 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.14 min
Lab File: BF080833.D
Acq: 4 Aug 2015 9:44

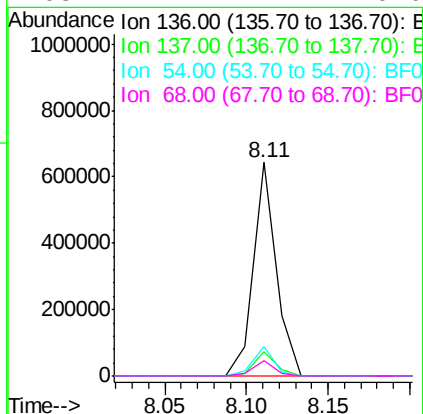
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTHEAST-073115

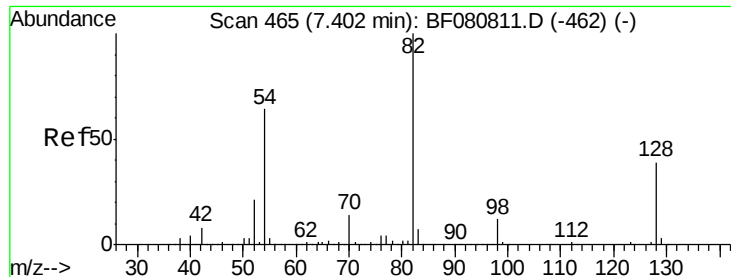
Tot Ion:	70	Resp:	188047
Ion	Ratio	Lower	Upper
70	100		
42	56.6	59.1	88.7#
101	0.0	6.6	10.0#
130	1.9	12.9	19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080833.D
Acq: 4 Aug 2015 9:44

Tgt Ion:	136	Resp:	628292
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	14.0	7.9	11.9#
68	7.4	4.4	6.6#

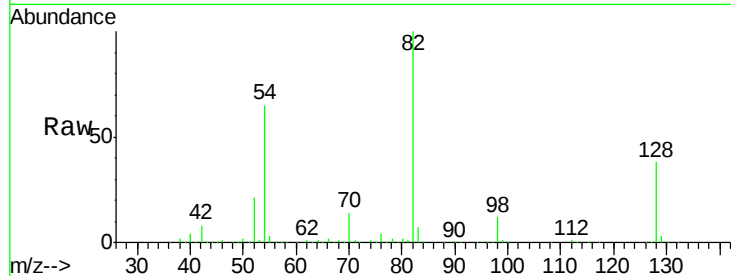




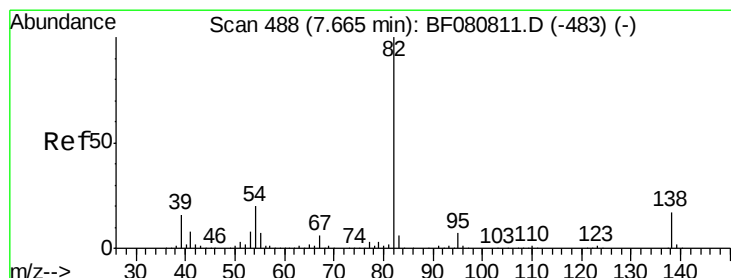
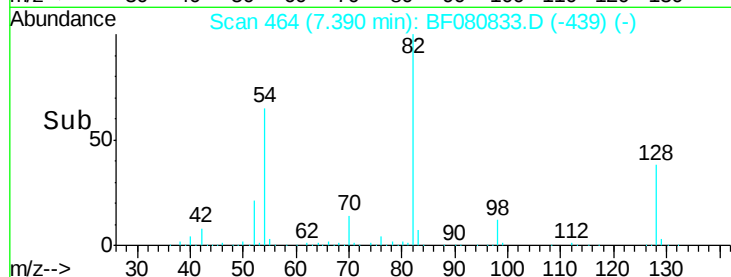
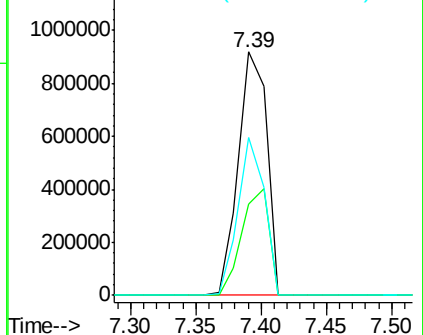
#23
 Nitrobenzene-d5
 Concen: 109.38 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Tot Ion: 82 Resp: 1392645
 Ion Ratio Lower Upper
 82 100
 128 37.6 31.4 47.0
 54 64.9 51.0 76.4

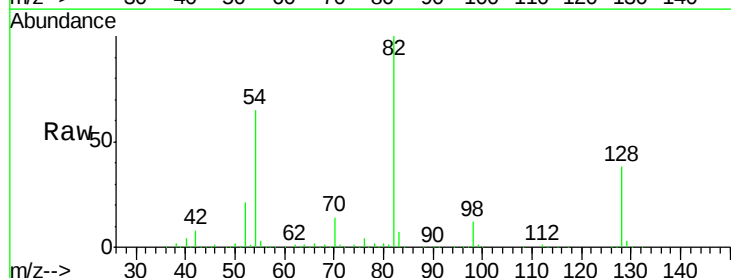


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

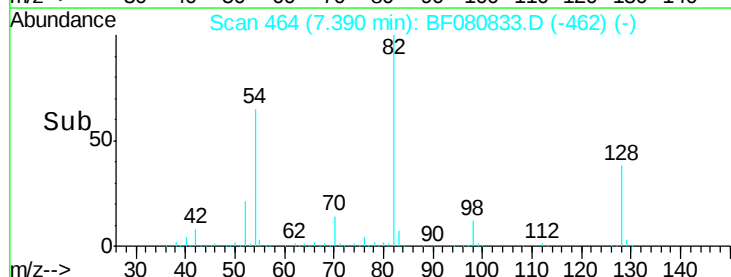
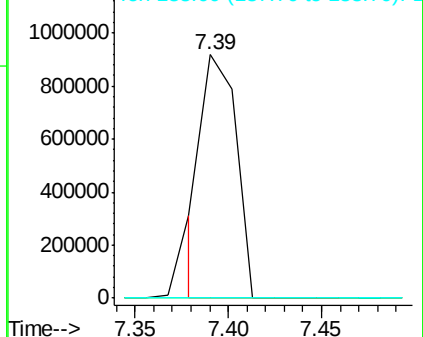


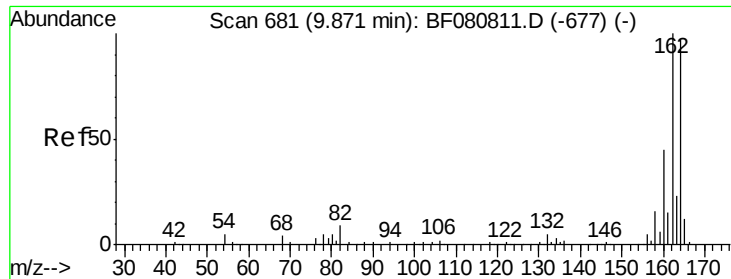
#25
 Isophorone
 Concen: 51.47 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.27 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Tgt Ion: 82 Resp: 1171921
 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

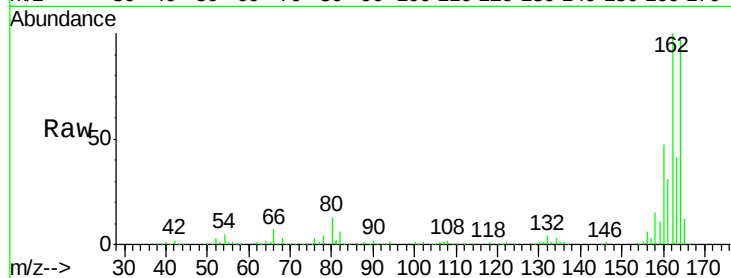




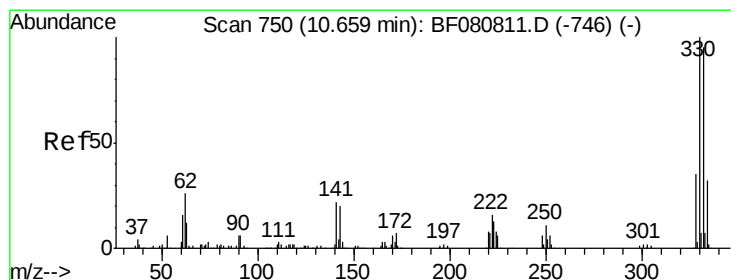
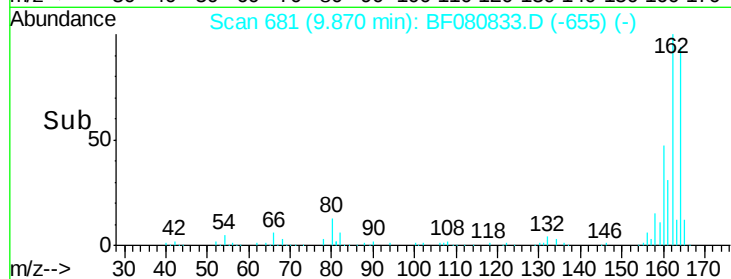
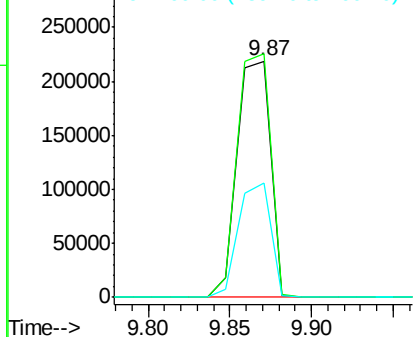
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Tot Ion:164 Resp: 309032
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.3 123.5
 160 48.5 37.3 55.9

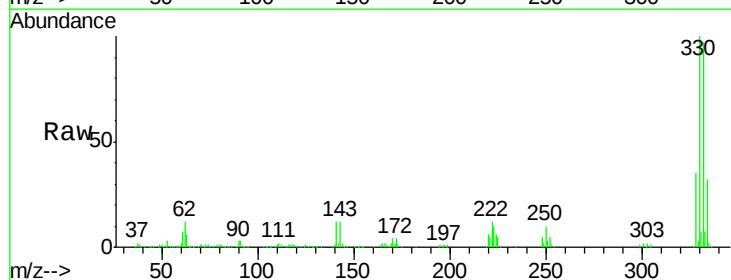


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

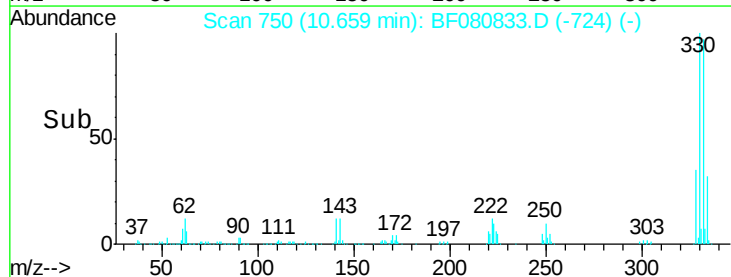
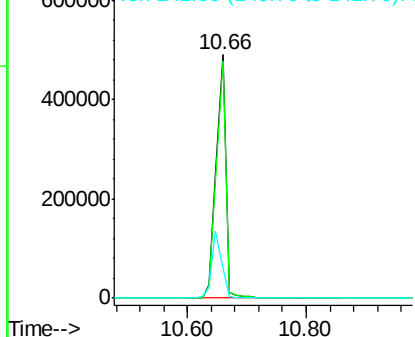


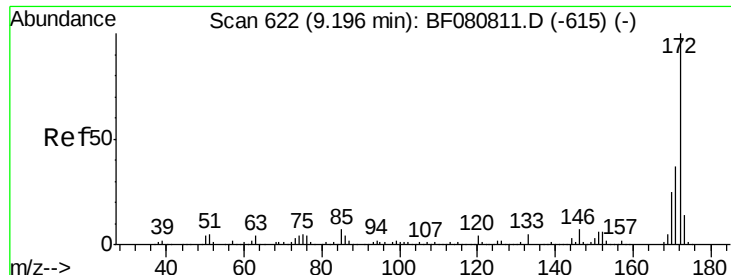
#41
 2,4,6-Tribromophenol
 Concen: 185.71 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Tgt Ion:330 Resp: 549939
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 28.3 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



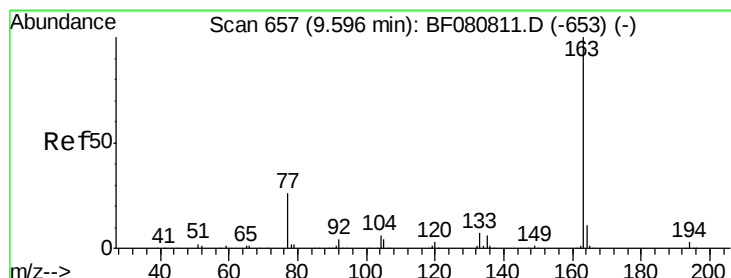
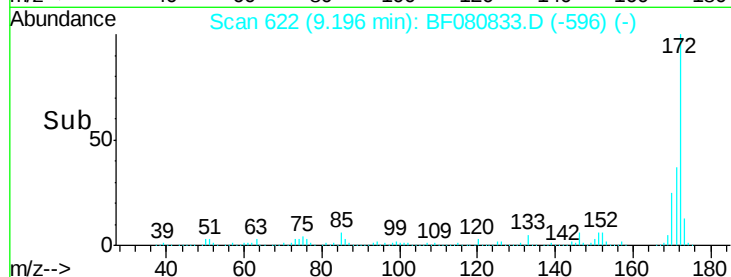
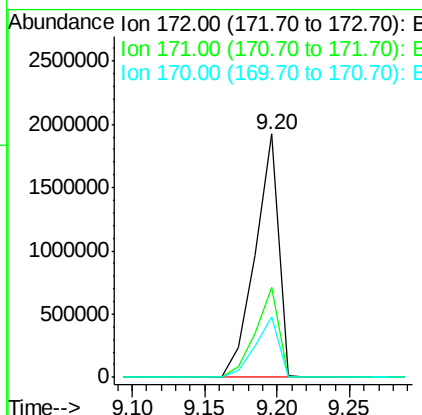
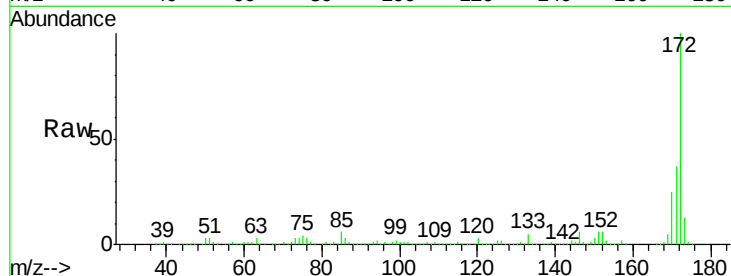


#44
 2-Fluorobiphenyl
 Concen: 105.47 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Tot Ion:172 Resp: 2156388

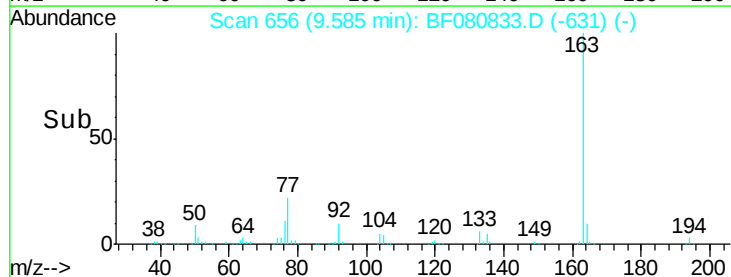
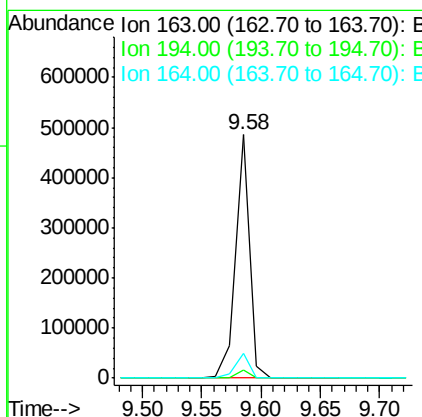
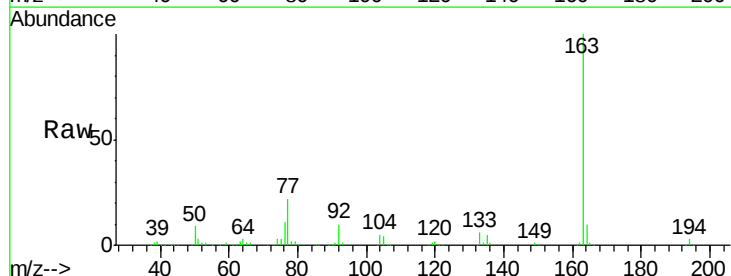
Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.1	20.2	30.4

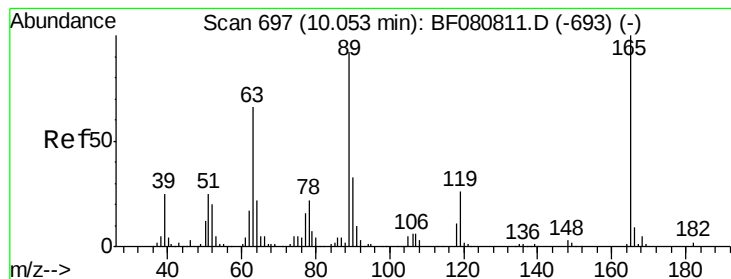


#49
 Dimethylphthalate
 Concen: 19.32 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Tgt Ion:163 Resp: 398869

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.5	12.7

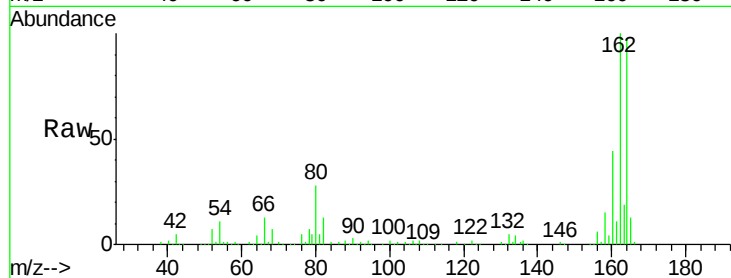




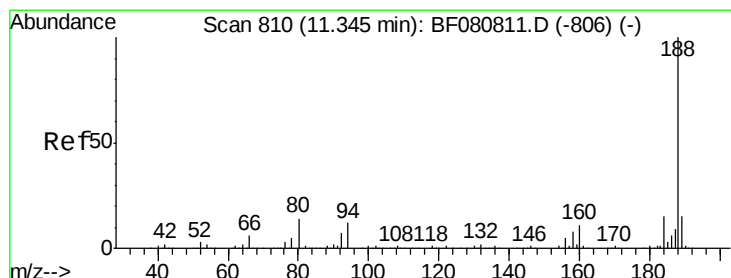
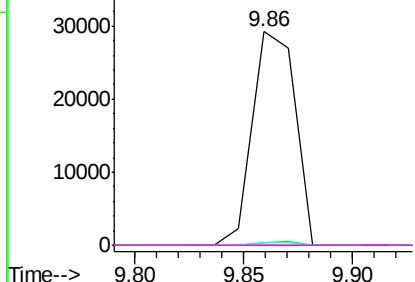
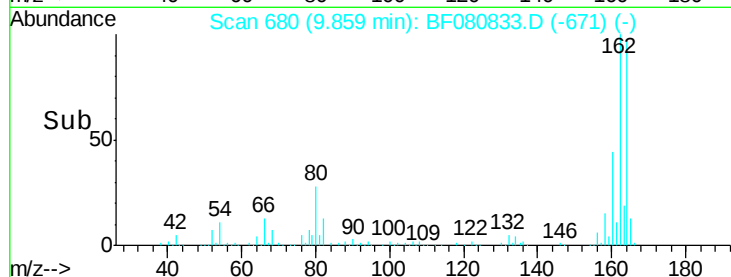
#56
 2,4-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.19 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Tot Ion:165 Resp: 40089
 Ion Ratio Lower Upper
 165 100
 63 1.0 53.3 79.9#
 89 1.4 73.5 110.3#
 182 0.0 1.7 2.5#

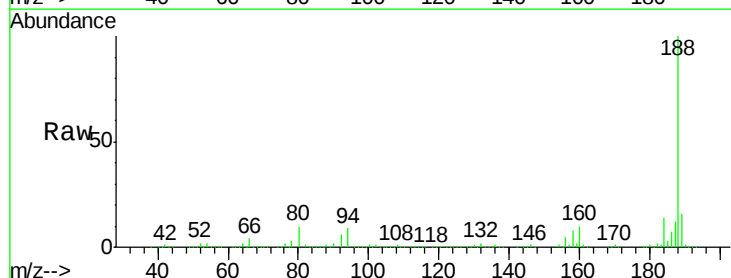


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

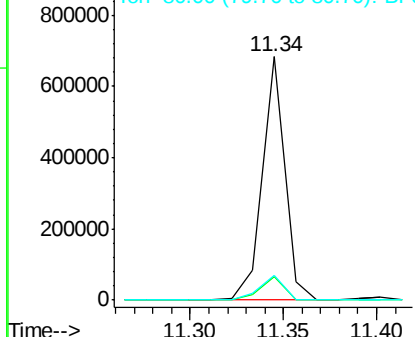
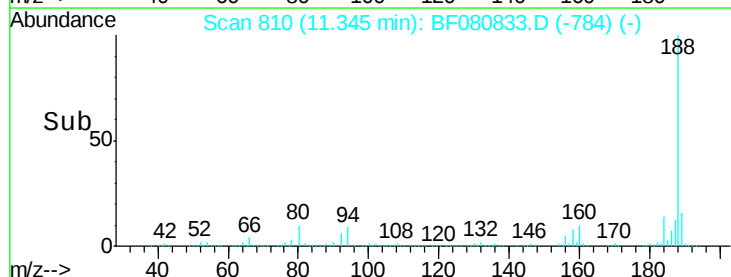


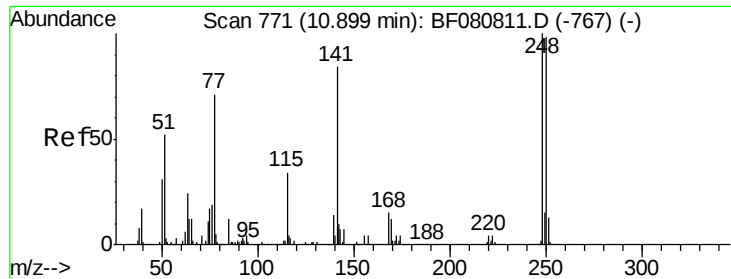
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Tgt Ion:188 Resp: 566637
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.7 14.5#
 80 10.1 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

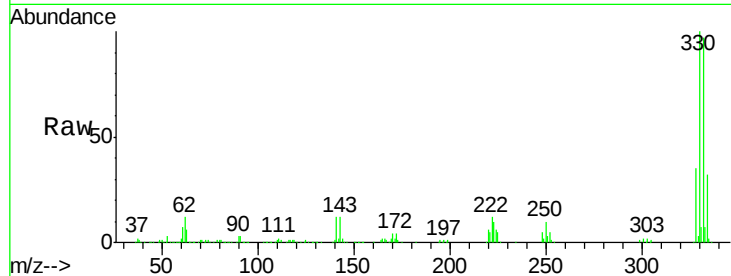




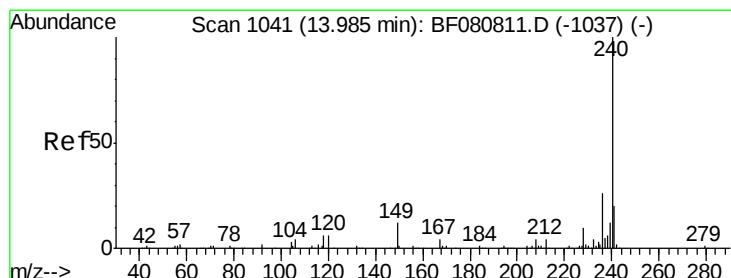
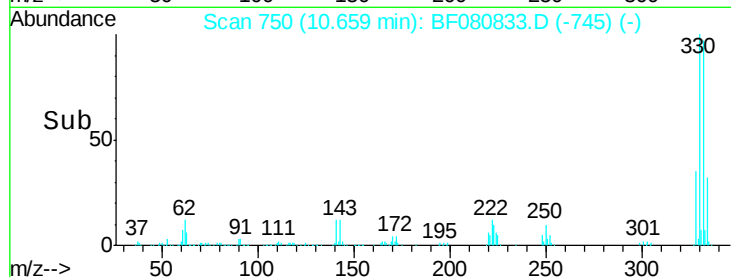
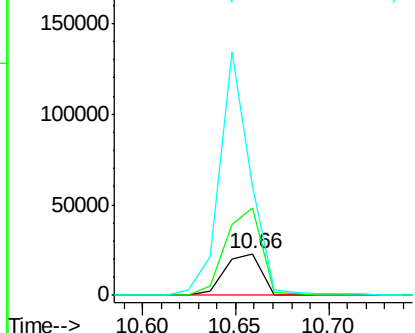
#66
 4-Bromophenyl-phenylether
 Concen: 5.12 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Tot Ion:248 Resp: 31848
 Ion Ratio Lower Upper
 248 100
 250 210.1 78.4 117.6#
 141 263.3 67.3 100.9#

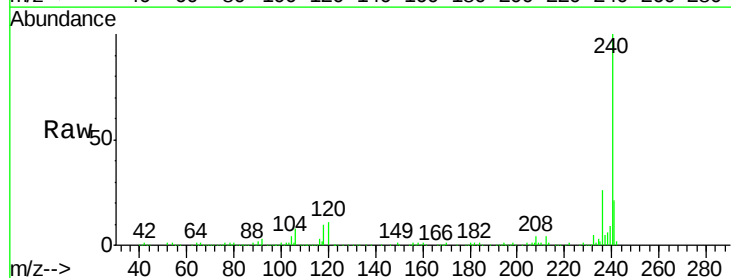


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

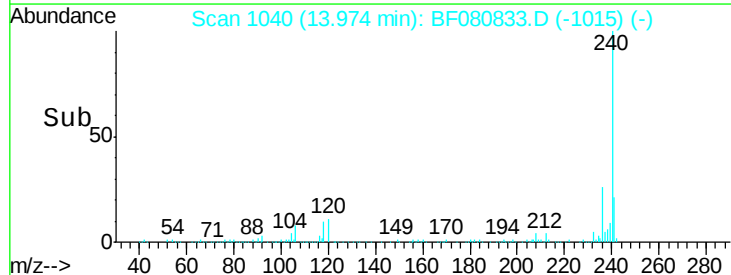
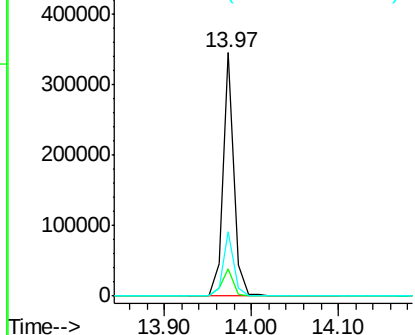


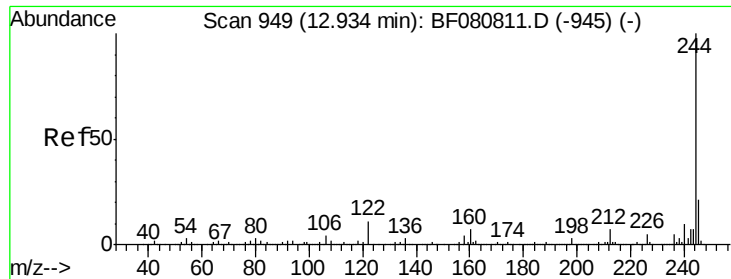
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Tgt Ion:240 Resp: 304024
 Ion Ratio Lower Upper
 240 100
 120 11.3 5.0 7.4#
 236 26.5 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



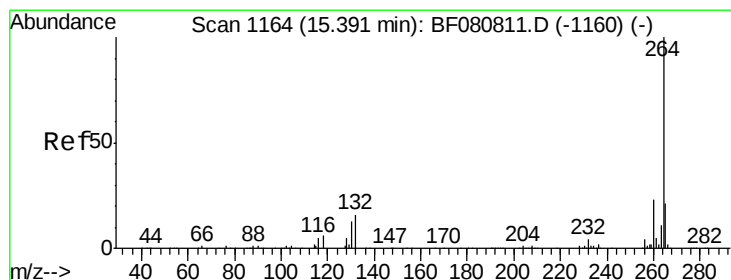
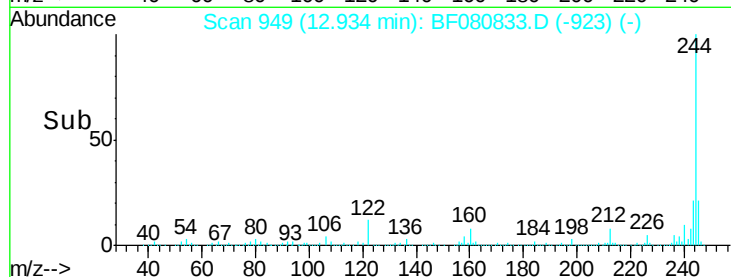
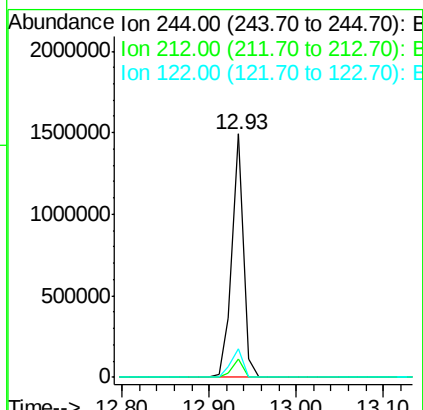
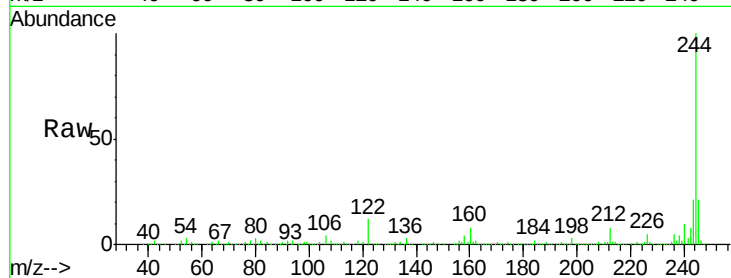


#78
 Terphenyl-d14
 Concen: 89.69 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080833.D
 Acq: 4 Aug 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHEAST-073115

Tot Ion:244 Resp: 1368265

Ion	Ratio	Lower	Upper
244	100		
212	7.8	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: BF080833.D
 Acq: 4 Aug 2015 9:44

Tgt Ion:264 Resp: 329320

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	20.9	17.0	25.6

