

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080831.D
 Acq On : 4 Aug 2015 8:42
 Operator : TP
 Sample : G3150-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-04

Quant Time: Aug 04 11:01:45 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

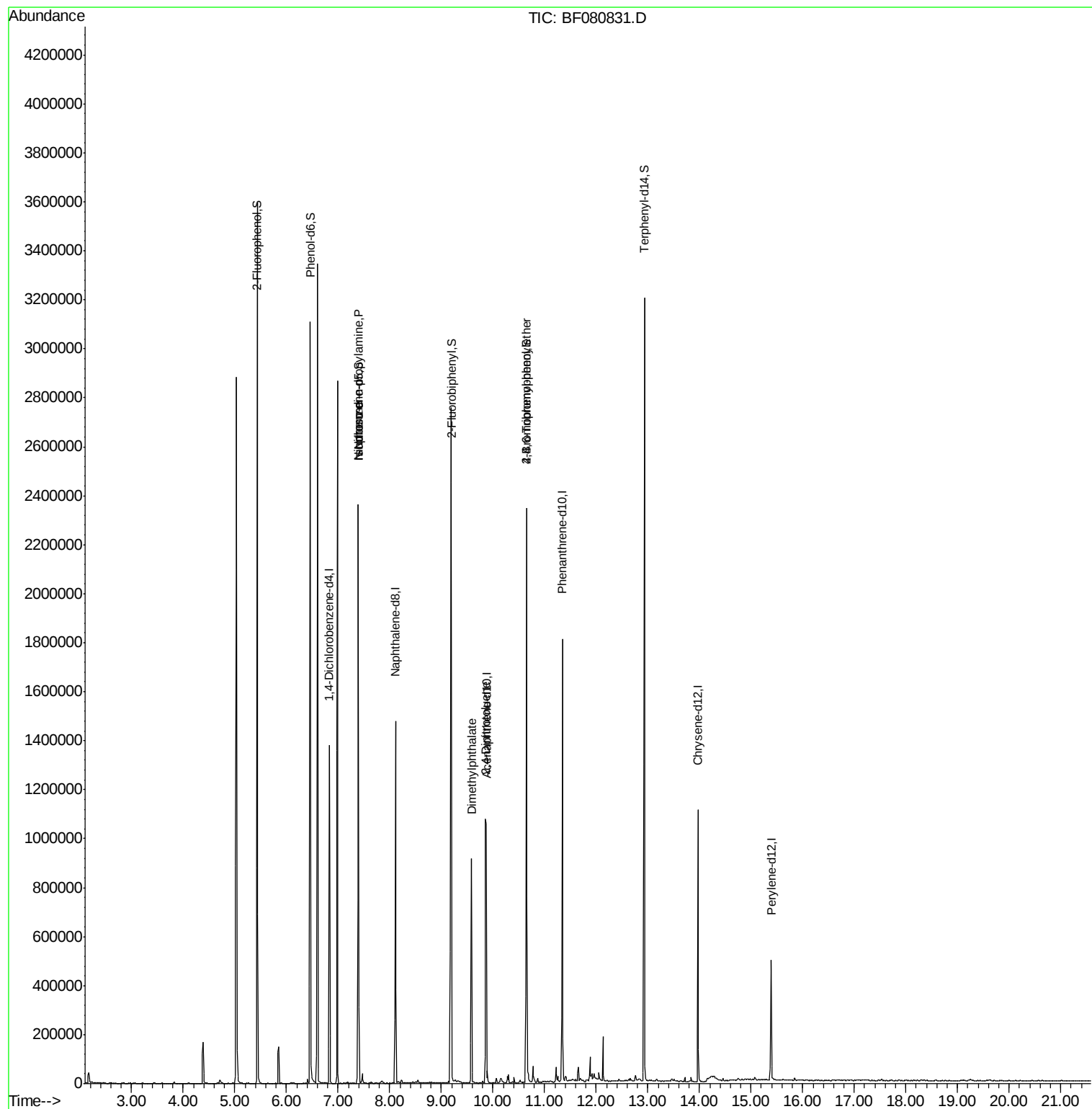
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182036	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	666777	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	322671	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	607690	20.00	ng	0.00
75) Chrysene-d12	13.97	240	366722	20.00	ng	-0.01
86) Perylene-d12	15.39	264	286417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	900053	82.43	ng	0.00
7) Phenol-d6	6.46	99	1443305	98.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	784998	58.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	306016	98.97	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1356017	63.52	ng	0.00
78) Terphenyl-d14	12.93	244	1071797	58.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	1728	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.39	70	104313	10.98	ng	# 77
25) Isophorone	7.39	82	609615	25.23	ng	# 66
49) Dimethylphthalate	9.58	163	340012	15.77	ng	99
56) 2,4-Dinitrotoluene	9.86	165	41198	7.02	ng	# 12
66) 4-Bromophenyl-phenylether	10.65	248	17819	2.67	ng	# 1

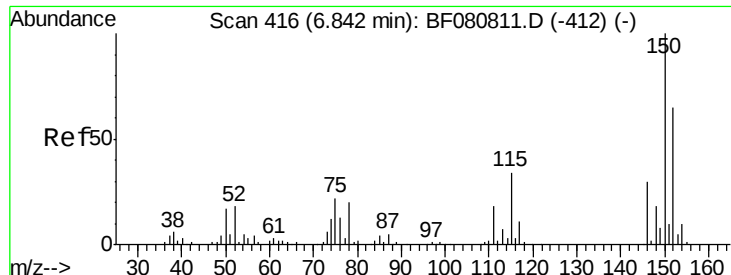
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

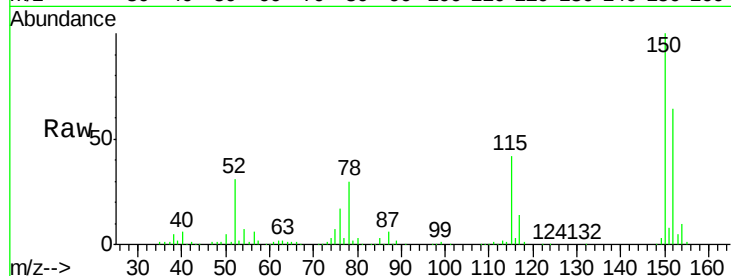
Tot Ion:152 Resp: 182036

Ion Ratio Lower Upper

152 100

150 157.2 122.9 184.3

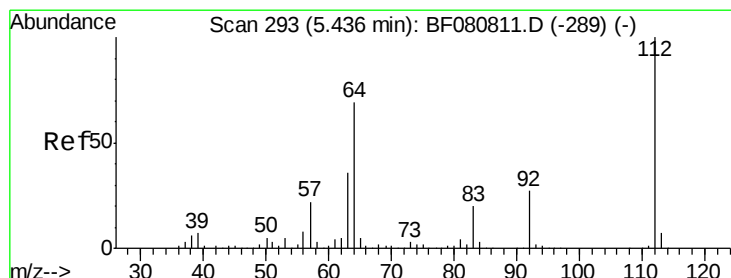
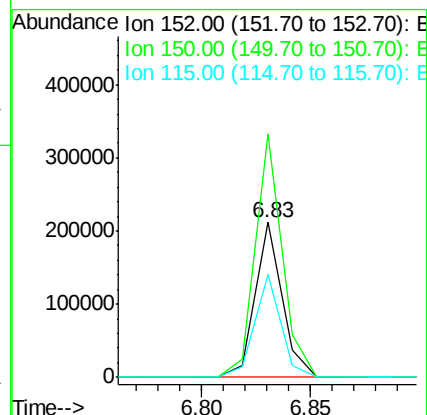
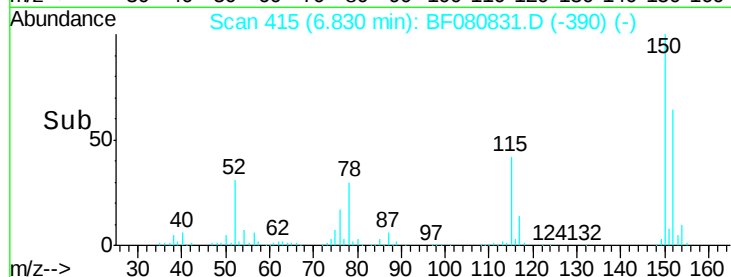
115 66.4 42.0 63.0#



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: 82.43 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

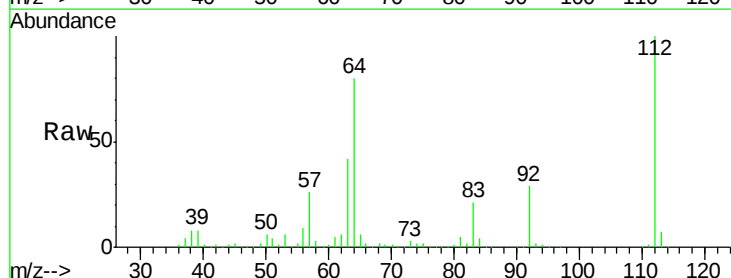
Tgt Ion:112 Resp: 900053

Ion Ratio Lower Upper

112 100

64 79.9 55.0 82.4

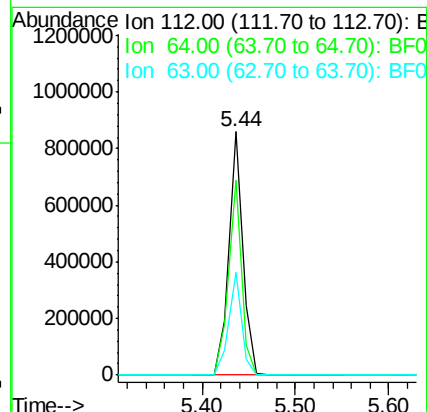
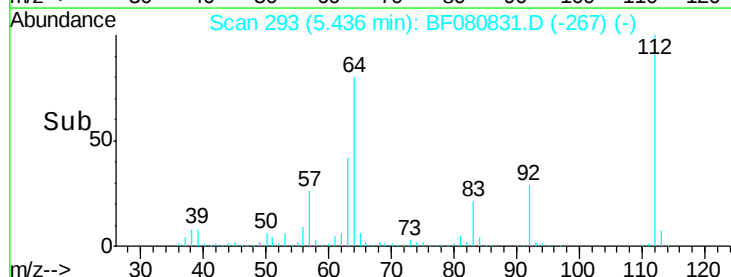
63 42.4 28.6 42.8

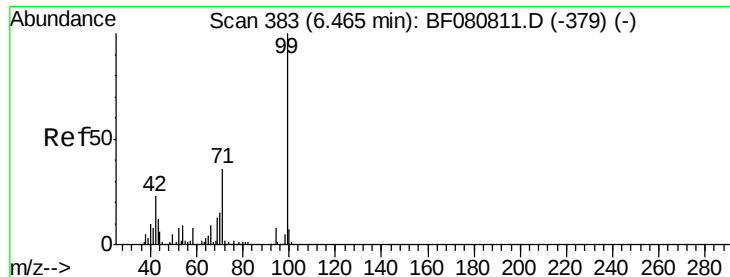


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.27 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

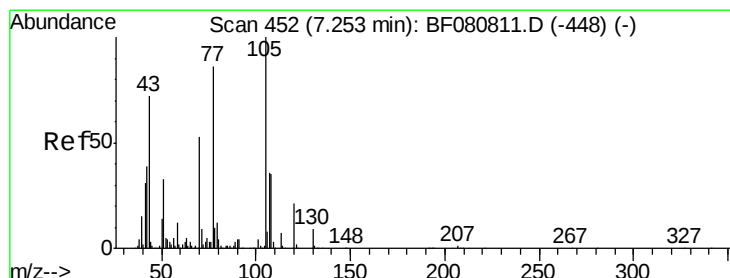
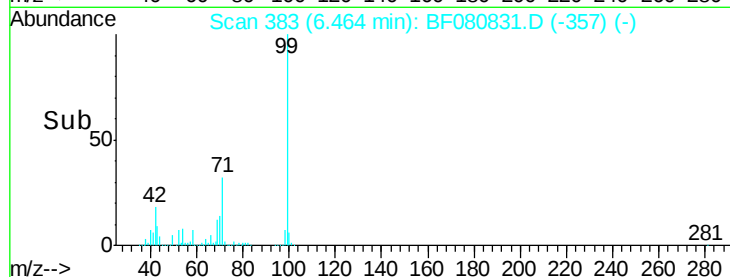
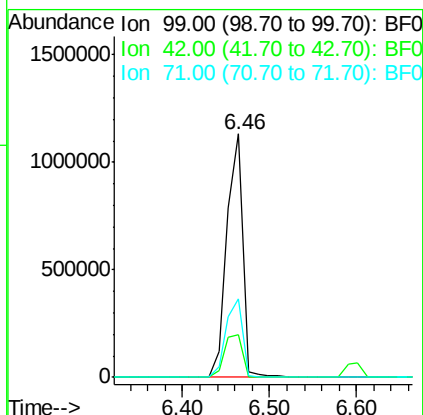
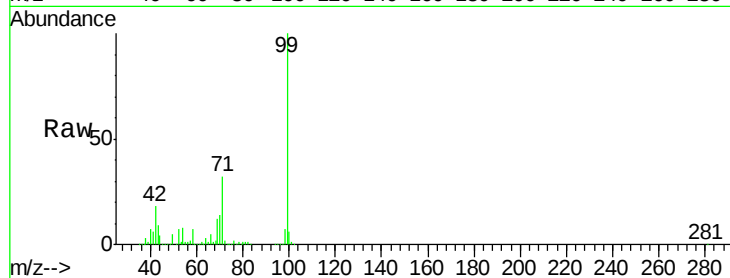
Tot Ion: 99 Resp: 1443305

Ion Ratio Lower Upper

99 100

42 17.7 18.4 27.6#

71 32.0 28.7 43.1



#19

n-Nitroso-di-n-propylamine

Concen: 10.98 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.14 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

Tgt Ion: 70 Resp: 104313

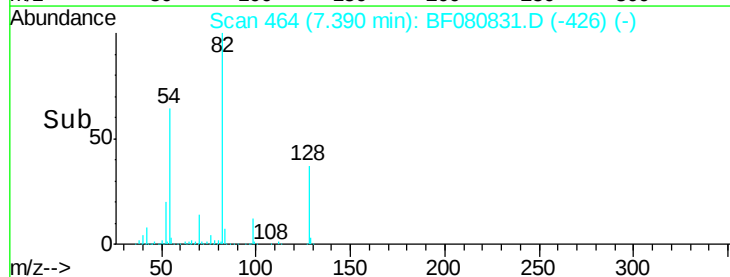
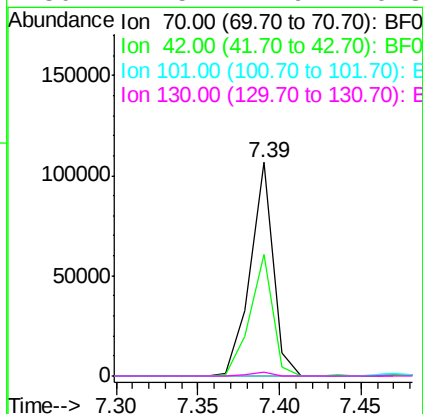
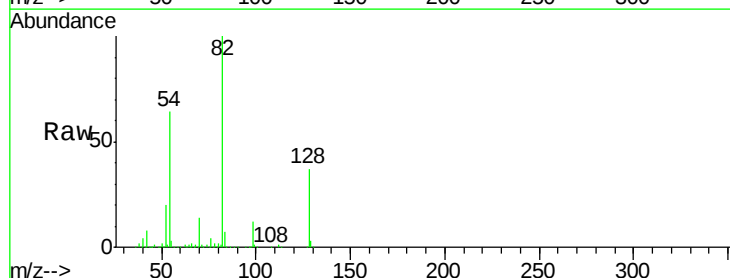
Ion Ratio Lower Upper

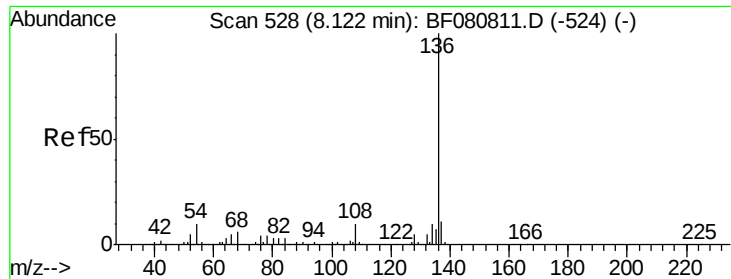
70 100

42 57.1 59.1 88.7#

101 0.0 6.6 10.0#

130 1.5 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: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

Tot Ion:136 Resp: 666777

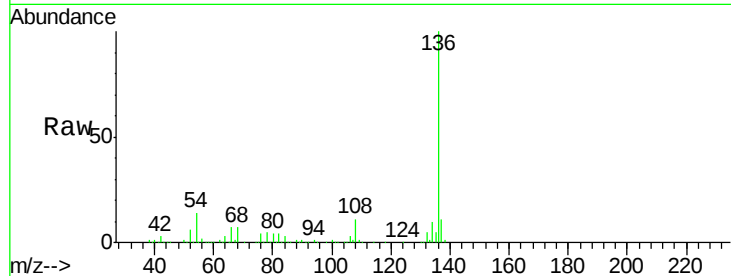
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 13.6 7.9 11.9#

68 6.8 4.4 6.6#

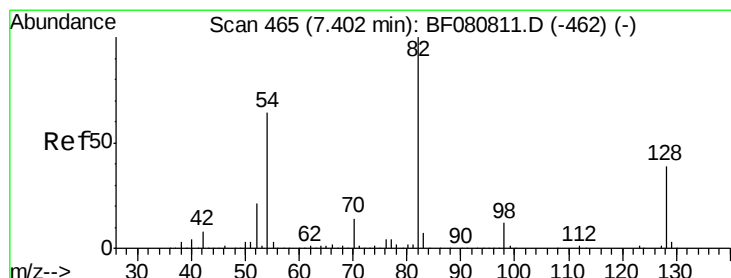
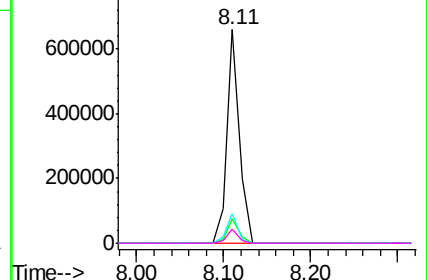
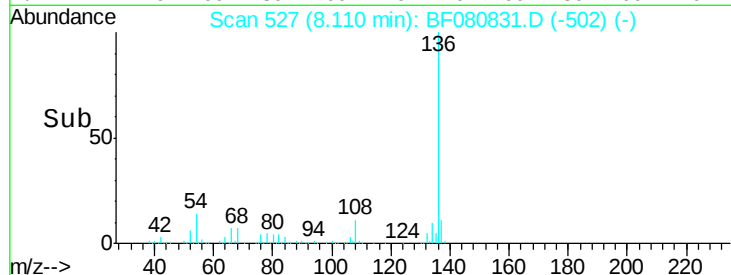


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.10 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

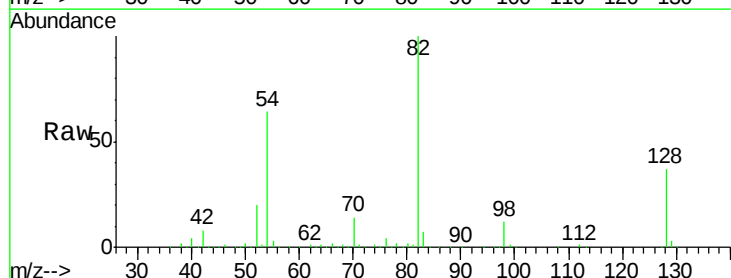
Tgt Ion: 82 Resp: 784998

Ion Ratio Lower Upper

82 100

128 37.2 31.4 47.0

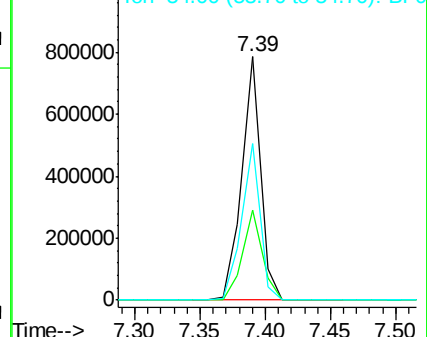
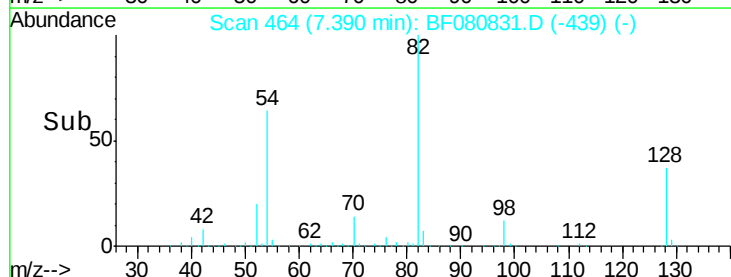
54 64.4 51.0 76.4

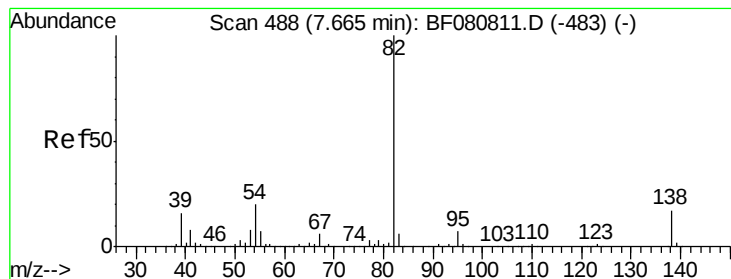


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.23 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.27 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

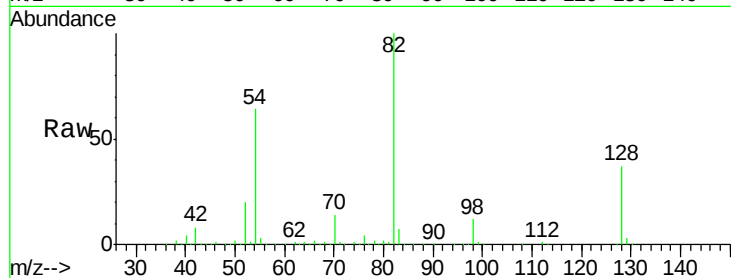
Tot Ion: 82 Resp: 609615

Ion Ratio Lower Upper

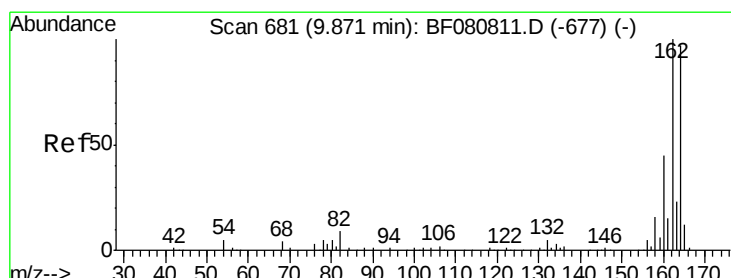
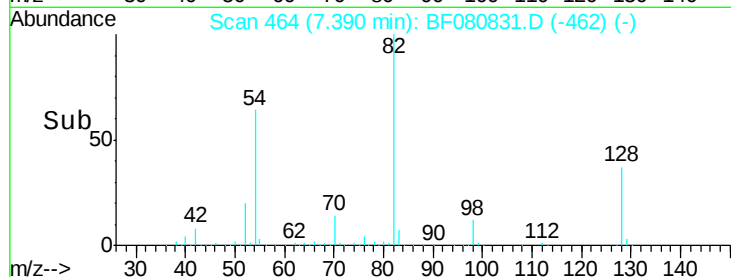
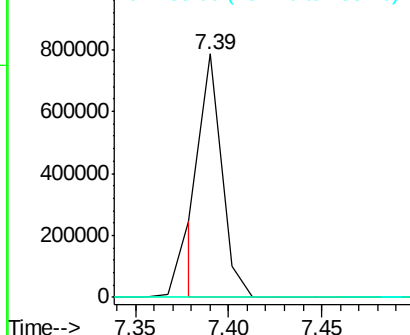
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

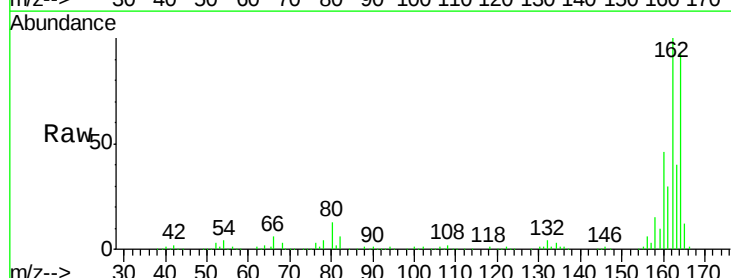
Tgt Ion:164 Resp: 322671

Ion Ratio Lower Upper

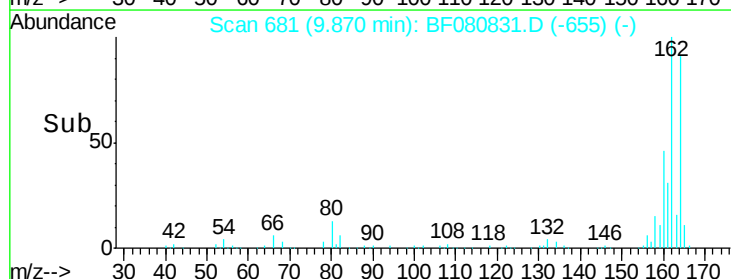
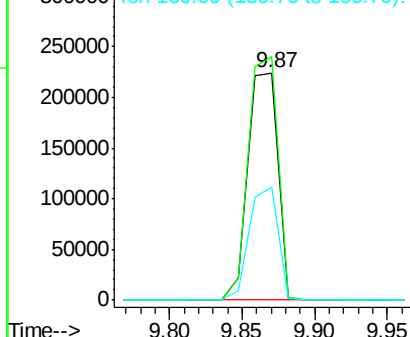
164 100

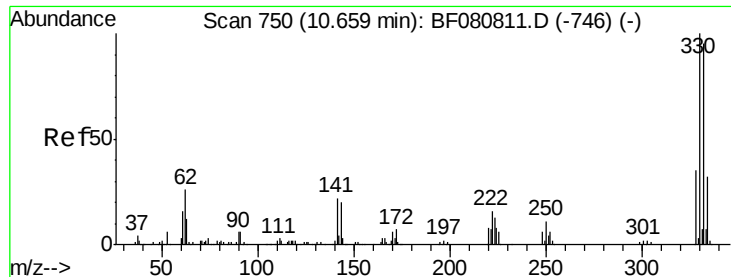
162 107.3 82.3 123.5

160 49.6 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

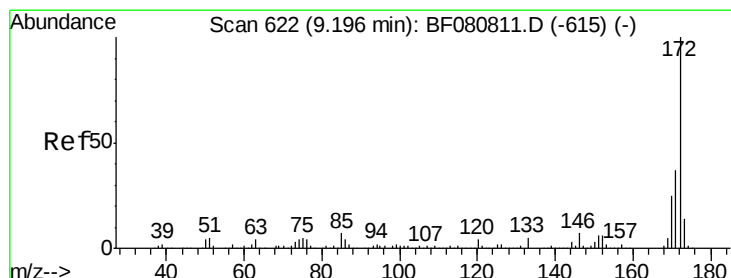
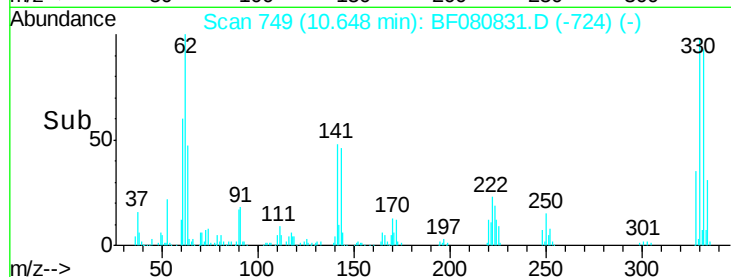
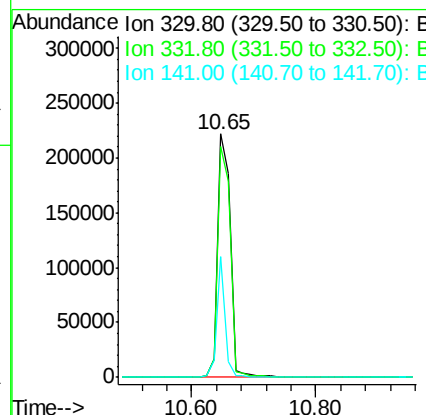
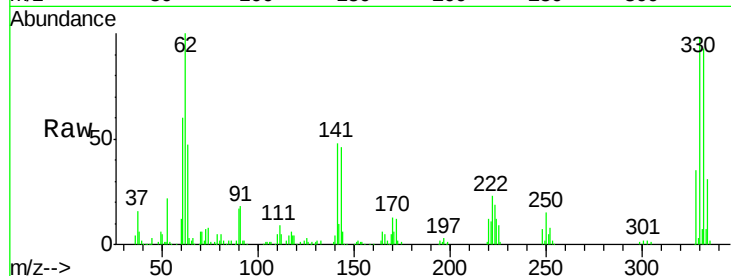




#41
 2,4,6-Tribromophenol
 Concen: 98.97 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF080831.D
 Acq: 4 Aug 2015 8:42

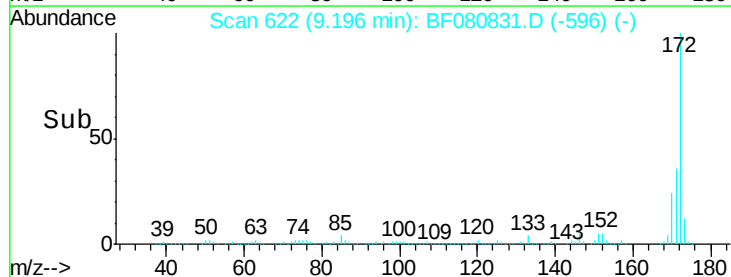
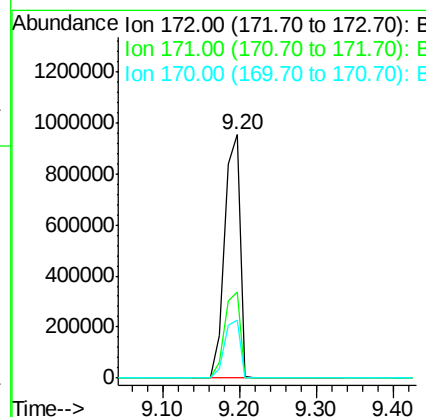
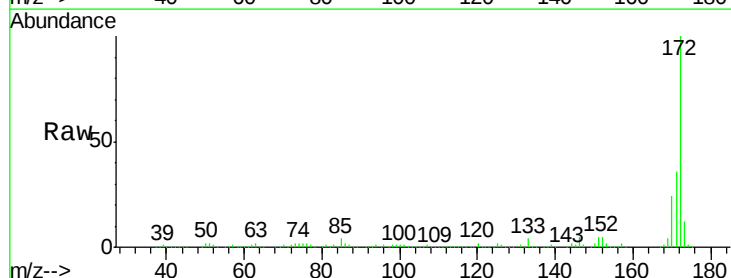
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-04

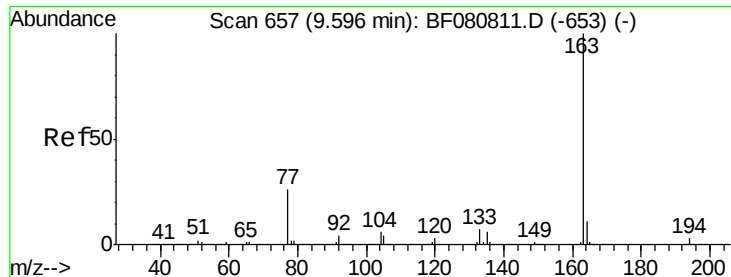
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	32.6	25.4	38.0



#44
 2-Fluorobiphenyl
 Concen: 63.52 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080831.D
 Acq: 4 Aug 2015 8:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.7	20.2	30.4

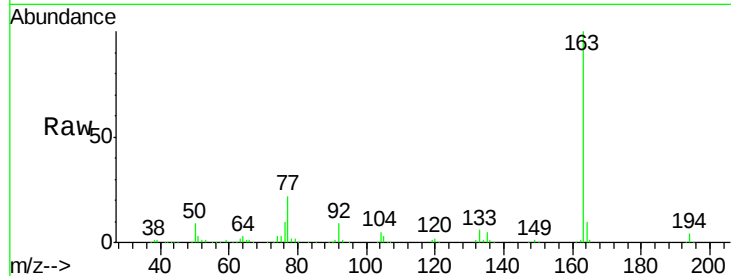




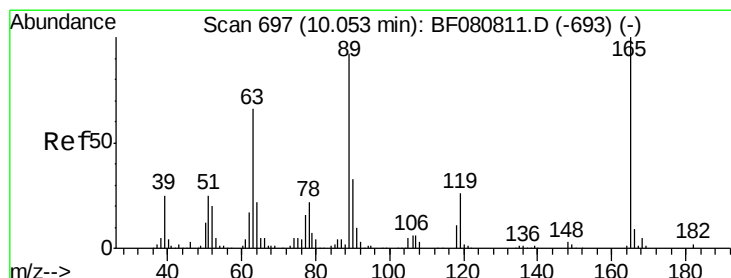
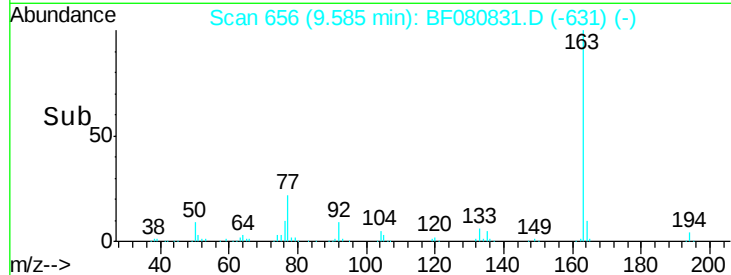
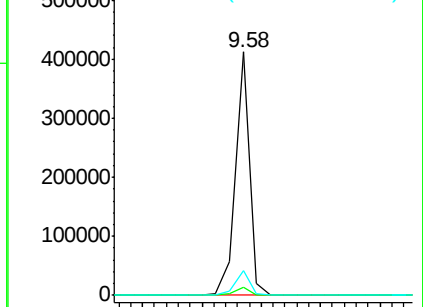
#49
Dimethylphthalate
Concen: 15.77 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF080831.D
Acq: 4 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
TU021-SB-22-04

Tot Ion:163 Resp: 340012
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.5 12.7

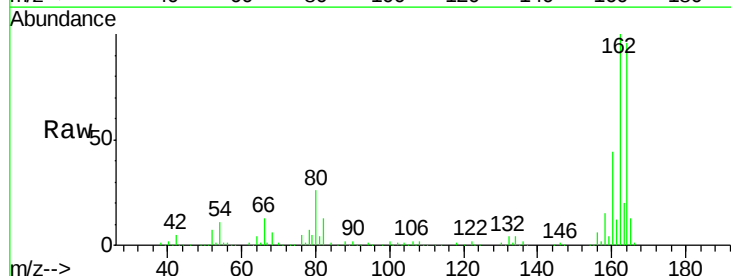


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

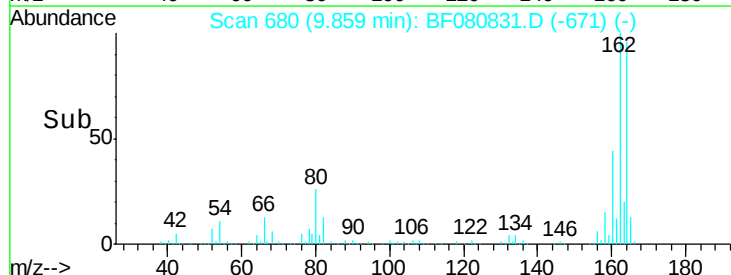
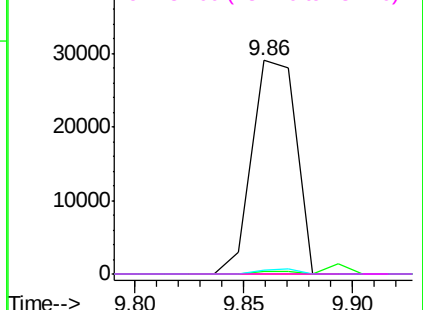


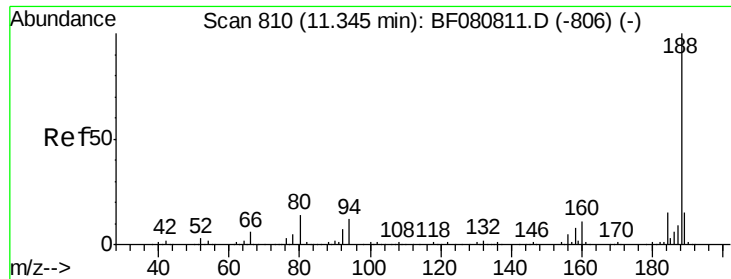
#56
2,4-Dinitrotoluene
Concen: 7.02 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.19 min
Lab File: BF080831.D
Acq: 4 Aug 2015 8:42

Tgt Ion:165 Resp: 41198
Ion Ratio Lower Upper
165 100
63 1.4 53.3 79.9#
89 1.9 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

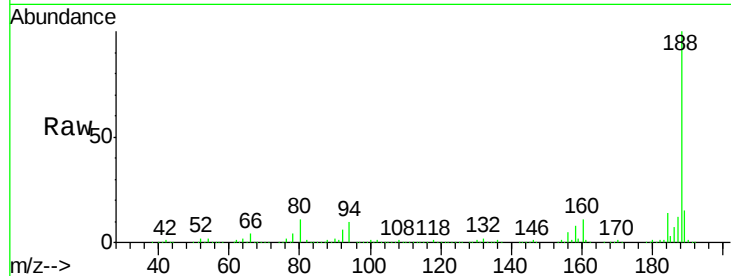




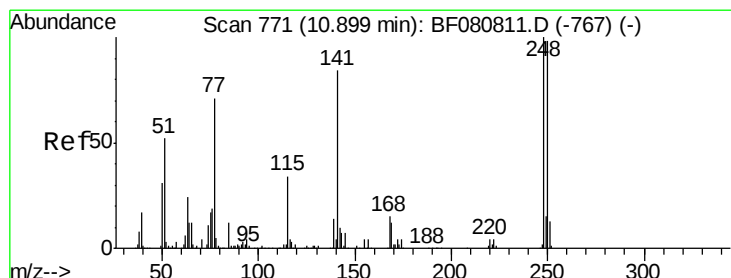
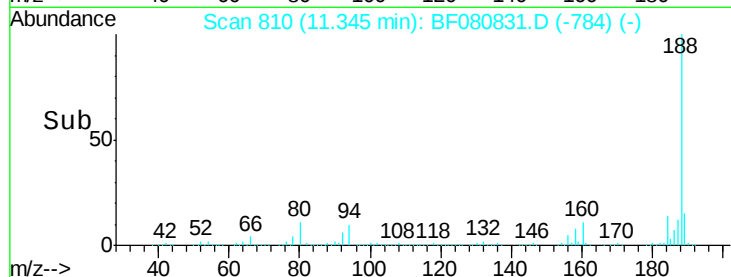
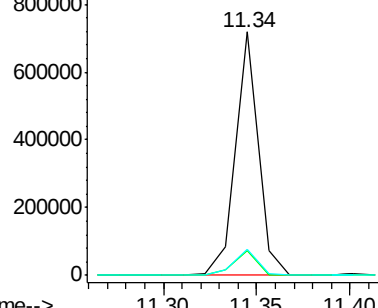
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080831.D
Acq: 4 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
TU021-SB-22-04

Tot Ion:188 Resp: 607690
Ion Ratio Lower Upper
188 100
94 9.9 9.7 14.5
80 10.8 11.2 16.8#

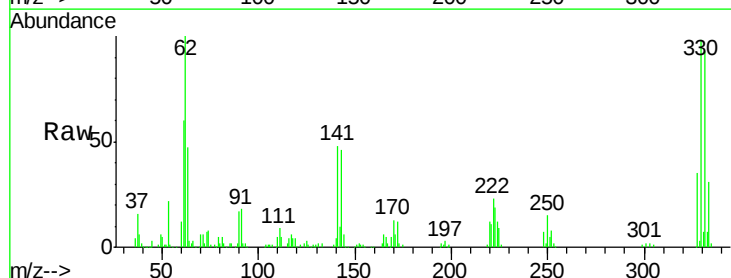


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

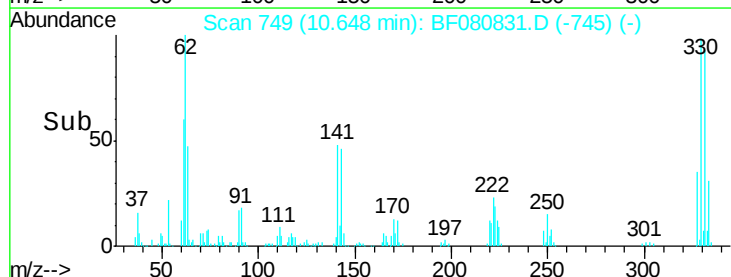
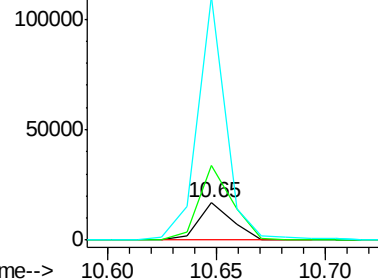


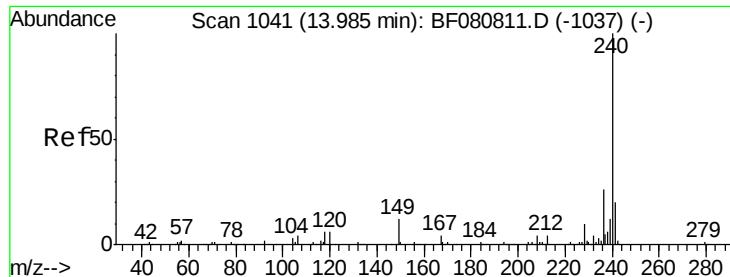
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF080831.D
Acq: 4 Aug 2015 8:42

Tgt Ion:248 Resp: 17819
Ion Ratio Lower Upper
248 100
250 201.0 78.4 117.6#
141 654.3 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: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

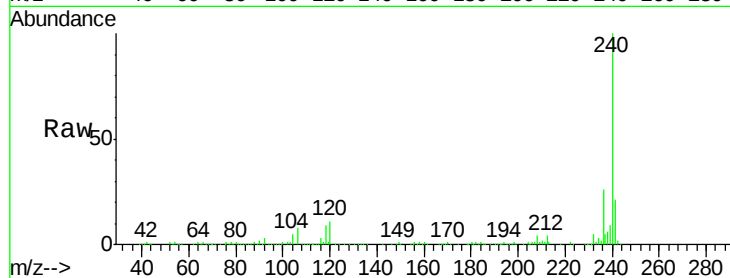
Tot Ion:240 Resp: 366722

Ion Ratio Lower Upper

240 100

120 10.7 5.0 7.4#

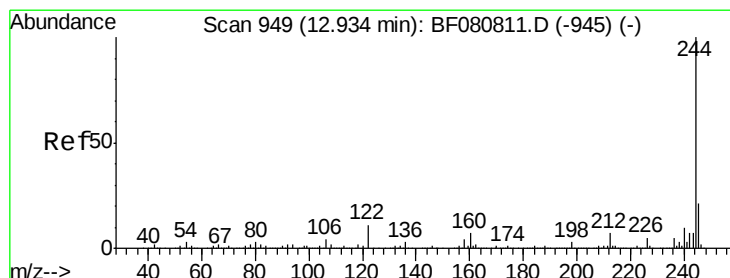
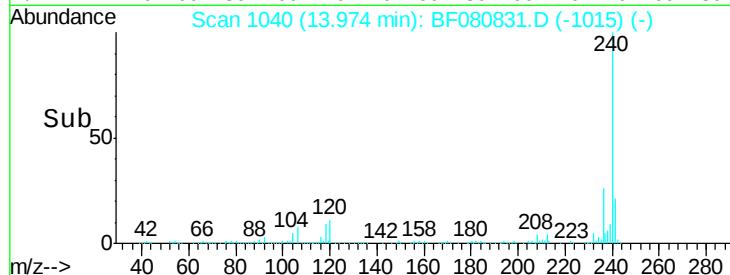
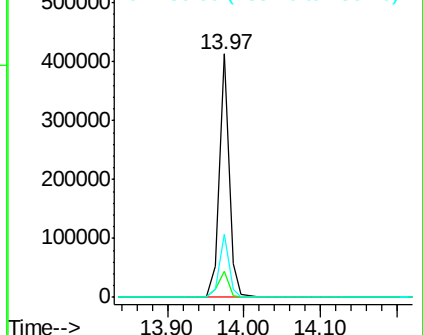
236 26.0 20.8 31.2



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: 58.25 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

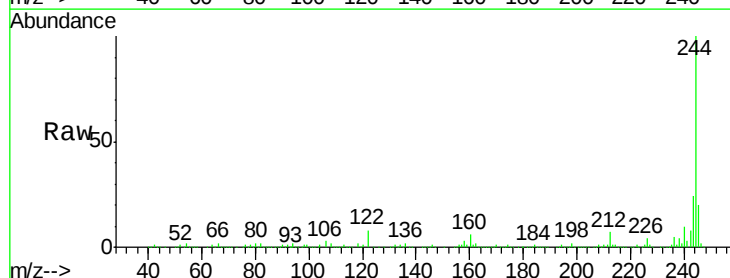
Tgt Ion:244 Resp: 1071797

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

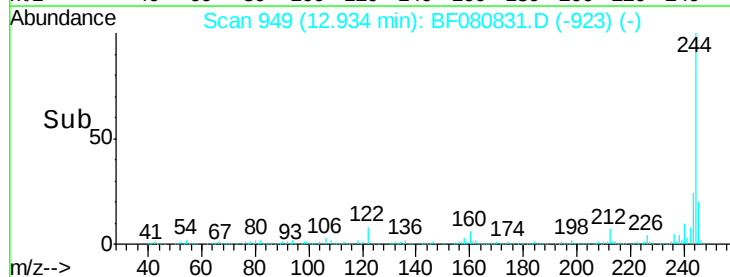
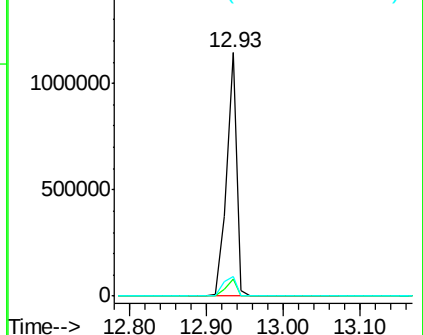
122 8.2 9.1 13.7#

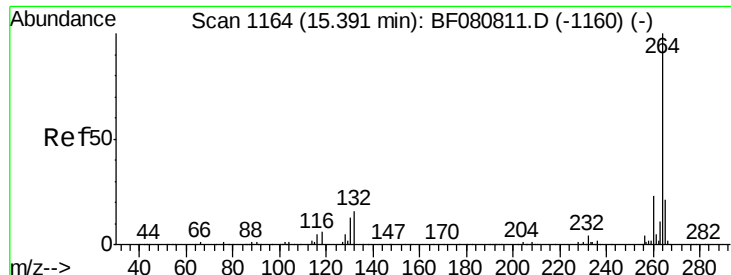


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

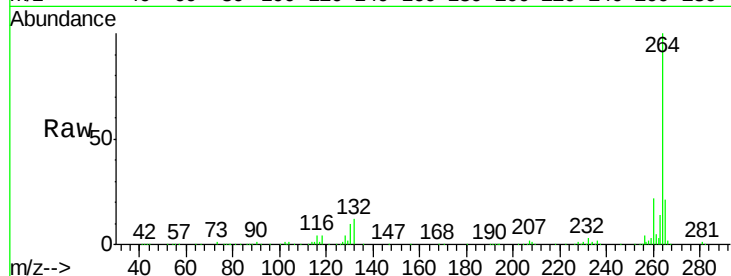




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080831.D
Acq: 4 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
TU021-SB-22-04

Tot Ion:	264	Resp:	286417
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.0	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

