

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080321.D
 Acq On : 3 Jul 2015 1:47
 Operator : TP/IZ
 Sample : G2875-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 03 04:20:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

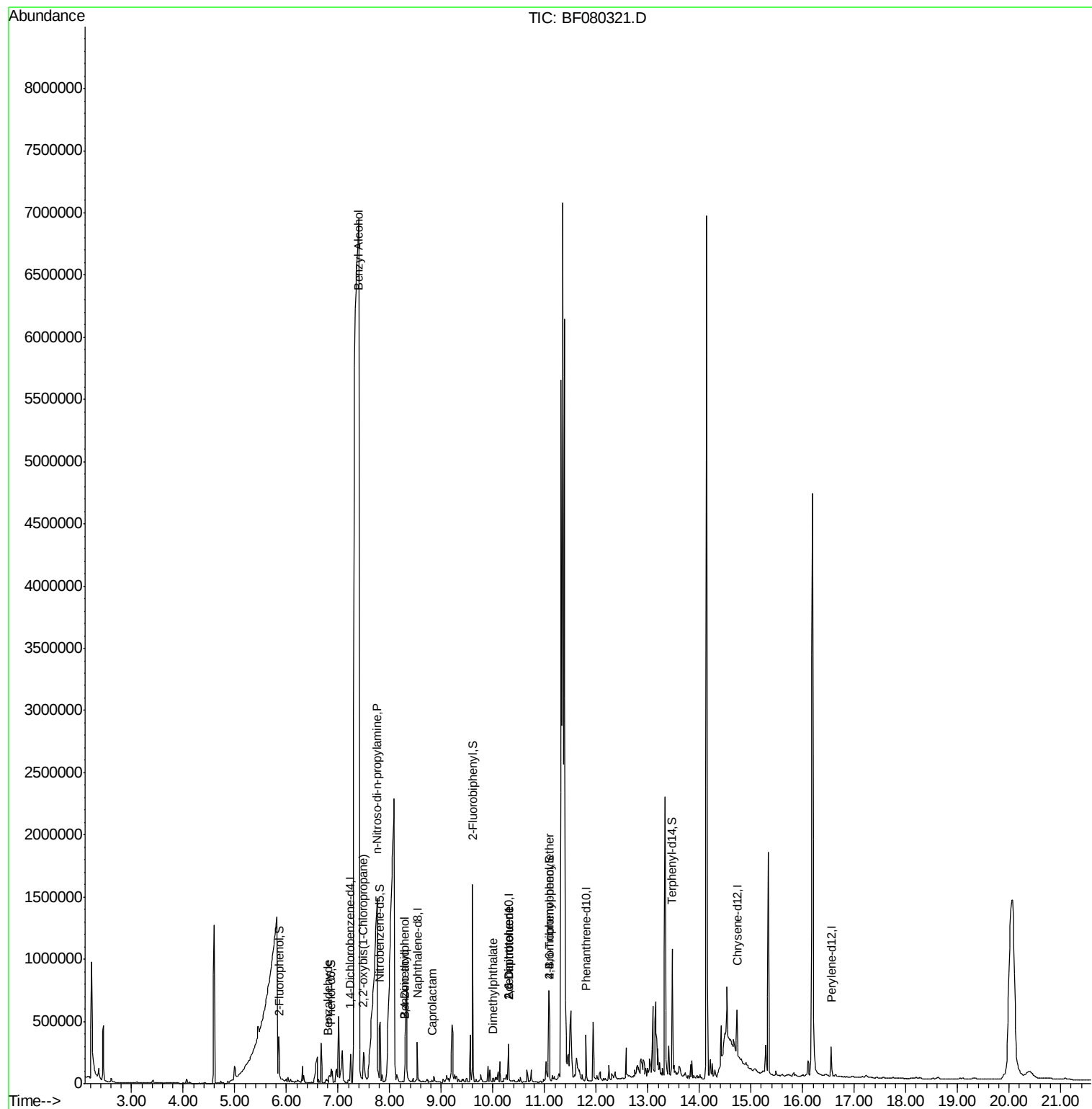
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	30813	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	123481	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	57895	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	126551	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	137544	20.00	ng	-0.13
86) Perylene-d12	16.56	264	138774	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	60611	34.06	ng	0.01
7) Phenol-d6	6.86	99	7042	2.95	ng	0.02
23) Nitrobenzene-d5	7.80	82	179008	79.82	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	55657	100.96	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	415401	103.27	ng	0.00
78) Terphenyl-d14	13.47	244	437285	74.47	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.80	77	3485	2.67	ng	Qvalue 99
15) Benzyl Alcohol	7.40	79	41042	22.32	ng	# 27
16) 2,2'-oxybis(1-Chloropropan	7.49	45	8681	2.83	ng	75
19) n-Nitroso-di-n-propylamine	7.76	70	209602	131.99	ng	# 41
27) 2,4-Dimethylphenol	8.29	122	19120	10.26	ng	# 3
32) Benzoic acid	8.29	122	19120	44.82	ng	100
35) Caprolactam	8.82	113	1159	2.22	ng	# 84
49) Dimethylphthalate	10.00	163	11077	2.50	ng	# 97
50) 2,6-Dinitrotoluene	10.30	165	7846	8.68	ng	# 49
56) 2,4-Dinitrotoluene	10.30	165	7846	6.69	ng	# 24
66) 4-Bromophenyl-phenylether	11.09	248	3957	2.89	ng	# 1

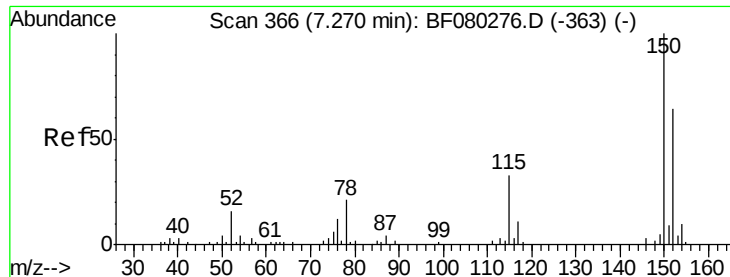
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080321.D
Acq On : 3 Jul 2015 1:47
Operator : TP/IZ
Sample : G2875-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Jul 03 04:20:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 03:51:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Instrument :

BNA_F

ClientSampleId :

EFF-WW

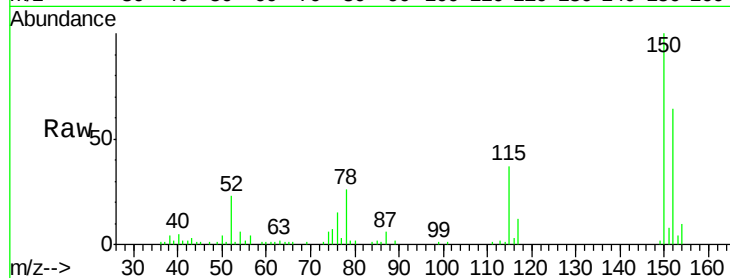
Tgt Ion:152 Resp: 30813

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

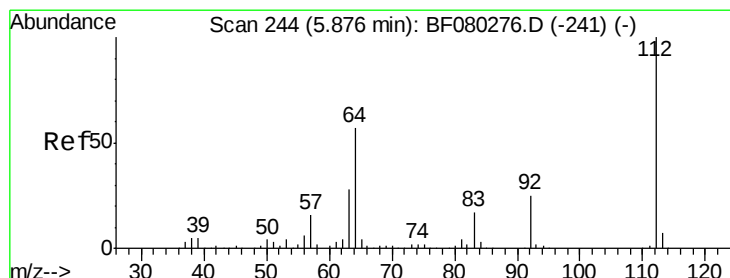
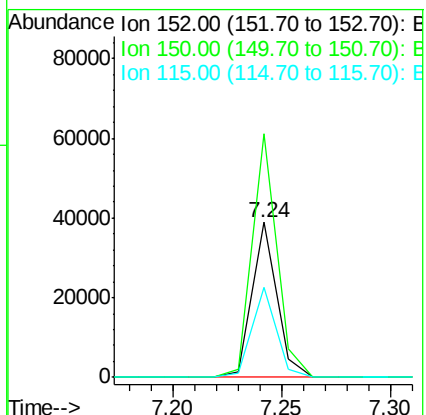
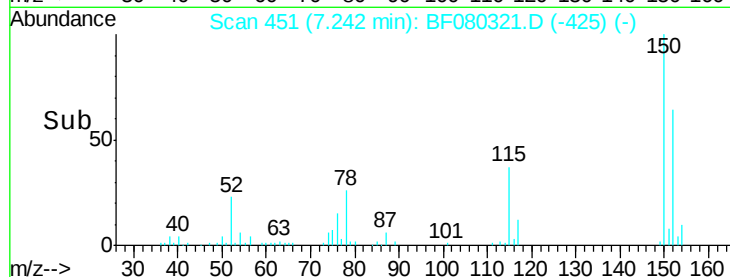
115 57.9 41.0 61.6



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: 34.06 ng

RT: 5.86 min Scan# 330

Delta R.T. 0.01 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

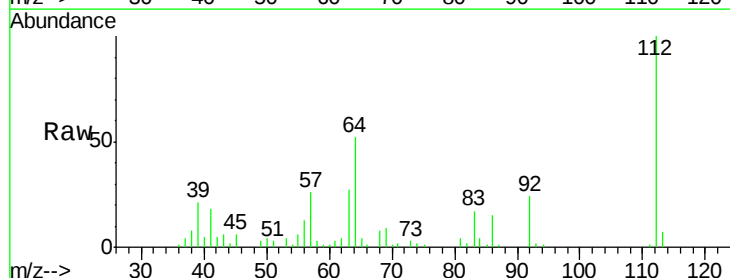
Tgt Ion:112 Resp: 60611

Ion Ratio Lower Upper

112 100

64 52.1 45.5 68.3

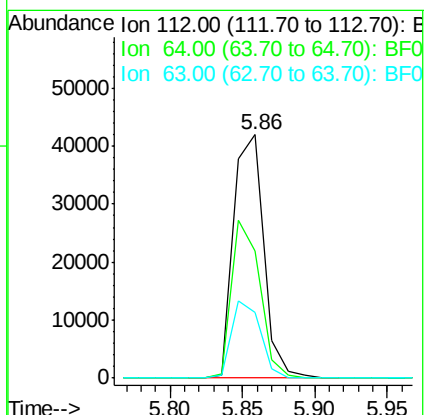
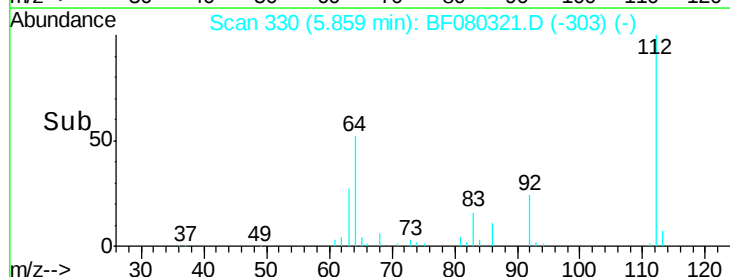
63 27.0 22.4 33.6

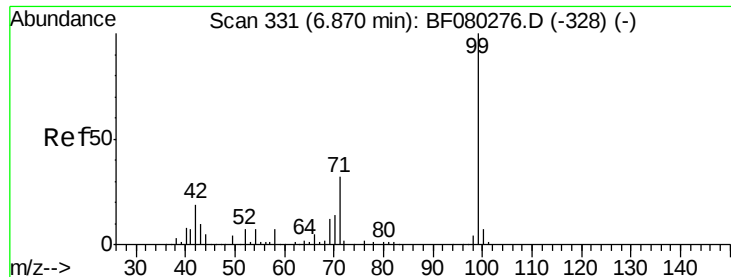


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.95 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.02 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Instrument :

BNA_F

ClientSampled :

EFF-WW

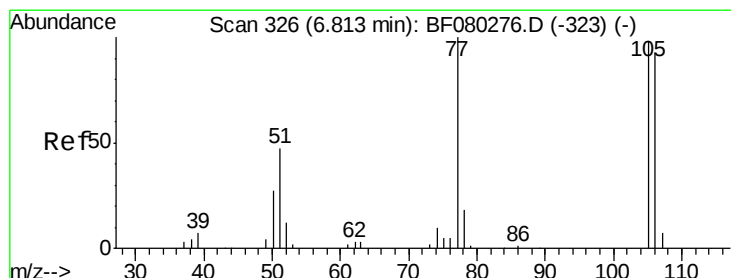
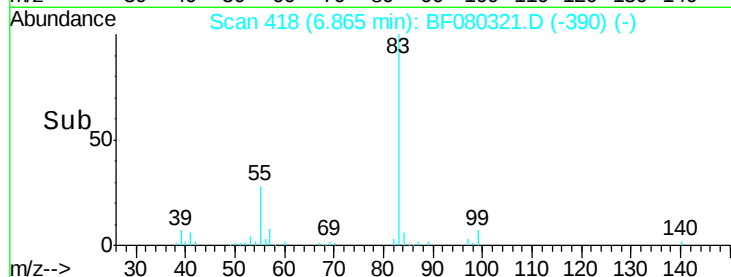
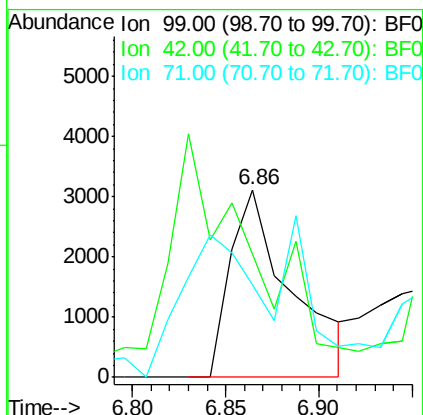
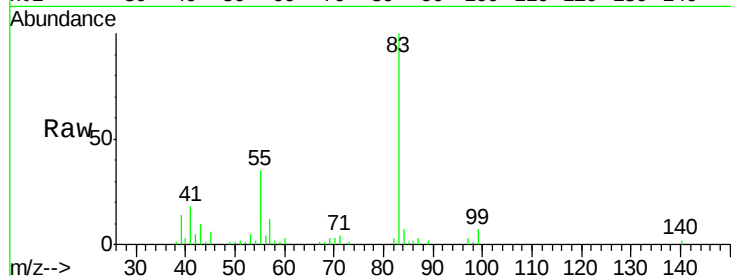
Tgt Ion: 99 Resp: 7042

Ion Ratio Lower Upper

99 100

42 65.6 15.4 23.2#

71 49.6 25.8 38.8#



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

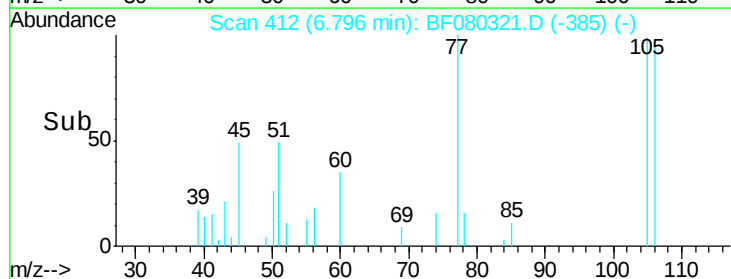
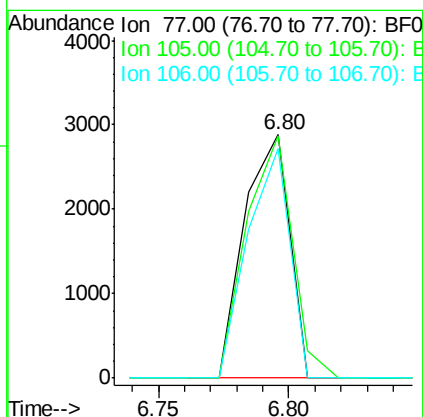
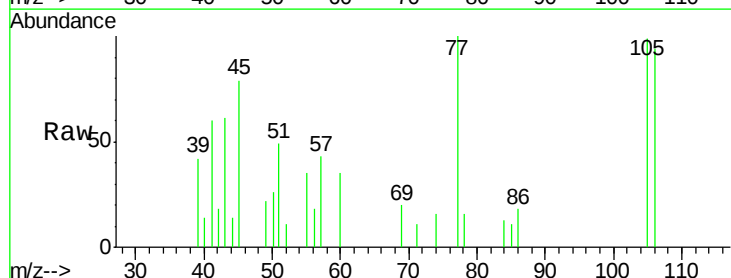
Tgt Ion: 77 Resp: 3485

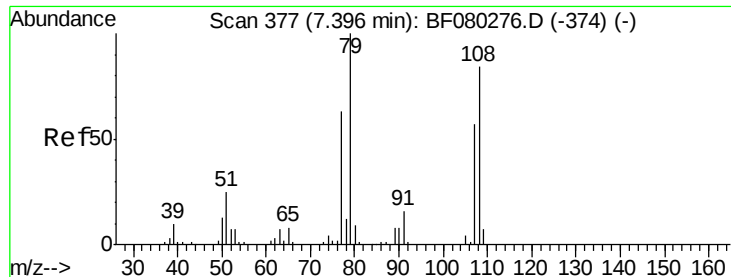
Ion Ratio Lower Upper

77 100

105 99.5 78.2 118.2

106 94.1 72.5 112.5





#15

Benzyl Alcohol

Concen: 22.32 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Instrument :

BNA_F

ClientSampleId :

EFF-WW

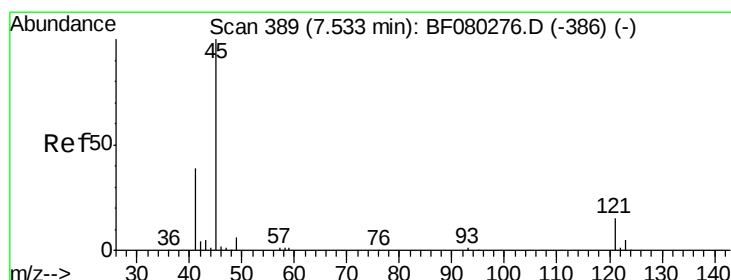
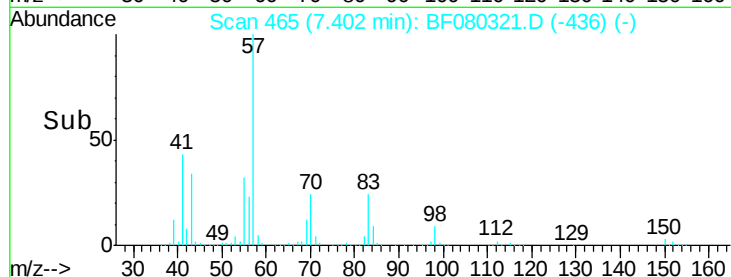
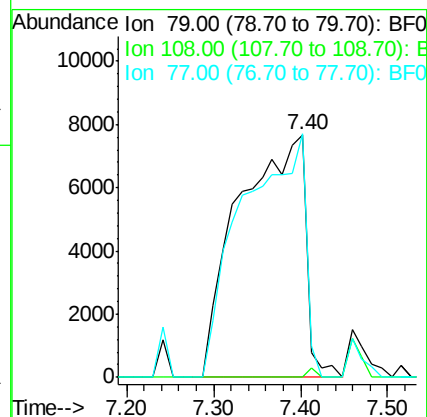
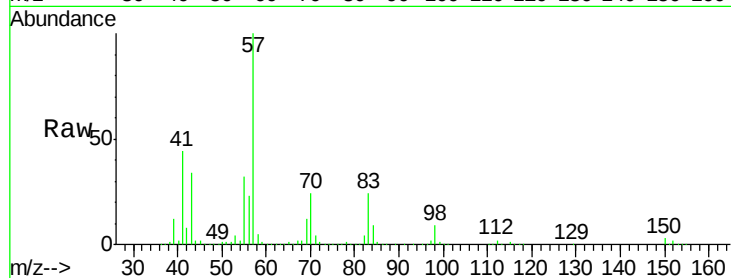
Tgt Ion: 79 Resp: 41042

Ion Ratio Lower Upper

79 100

108 0.0 67.1 100.7#

77 100.4 50.7 76.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.83 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

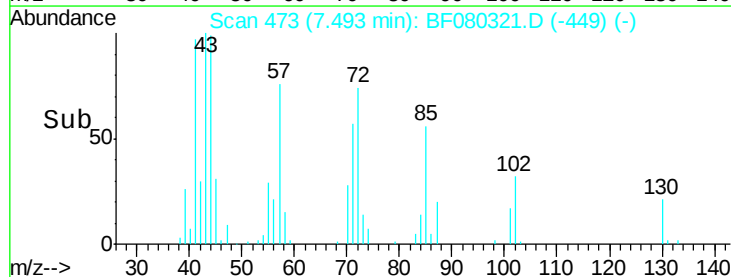
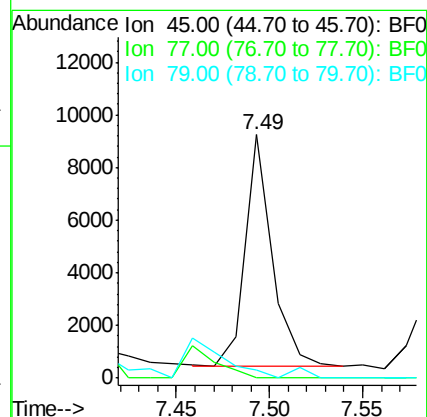
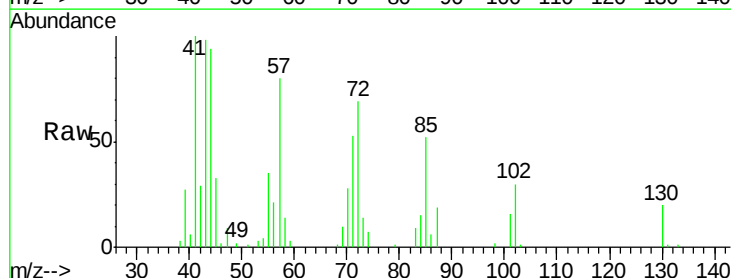
Tgt Ion: 45 Resp: 8681

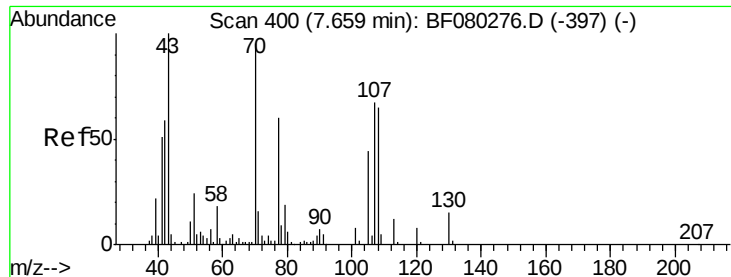
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.0

79 3.3 0.0 29.3

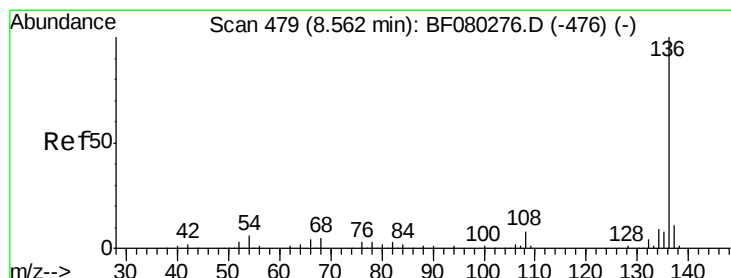
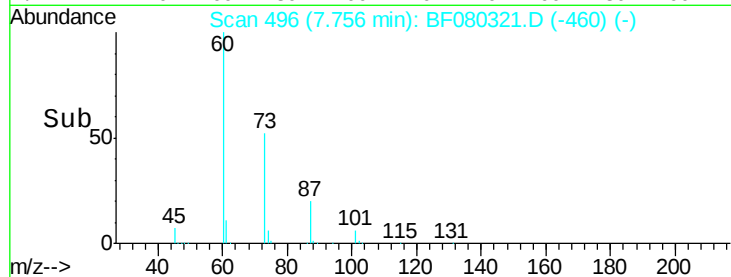
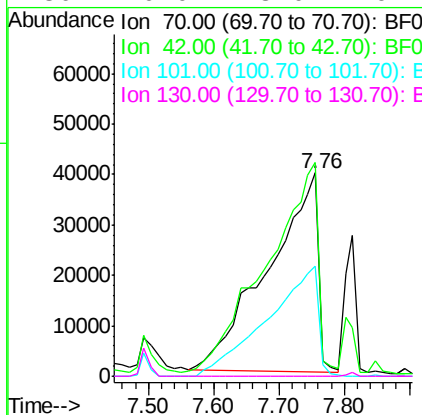
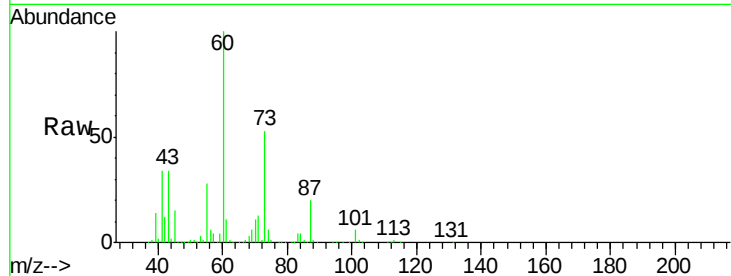




#19
n-Nitroso-di-n-propylamine
Concen: 131.99 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

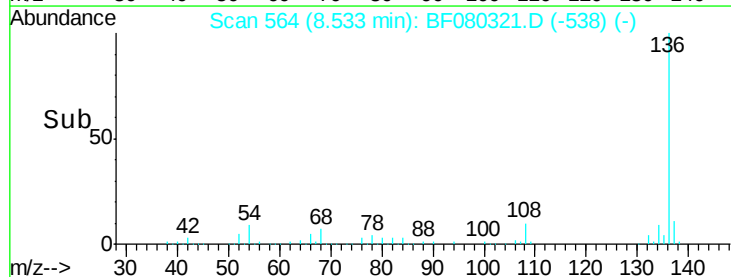
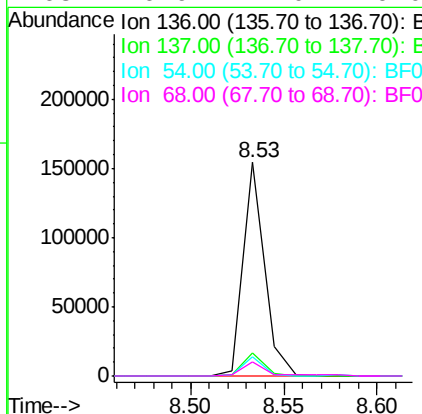
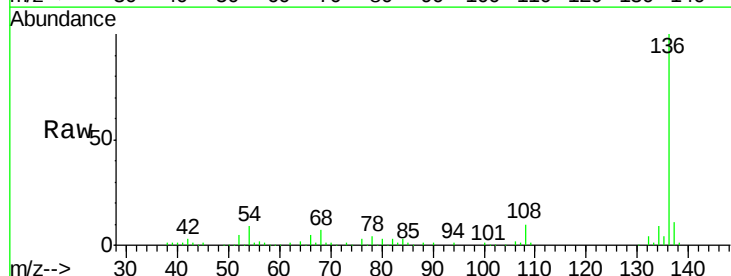
Instrument :
BNA_F
ClientSampleId :
EFF-WW

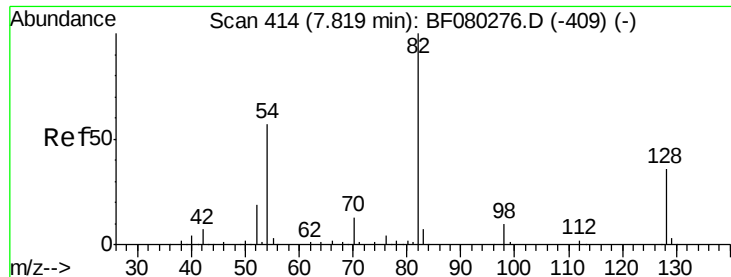
Tgt Ion: 70 Resp: 209602
Ion Ratio Lower Upper
70 100
42 105.1 49.8 74.8#
101 54.0 6.8 10.2#
130 0.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

Tgt Ion: 136 Resp: 123481
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 9.0 4.9 7.3#
68 6.9 4.0 6.0#

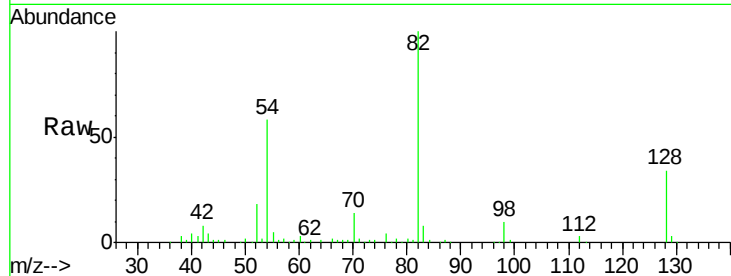




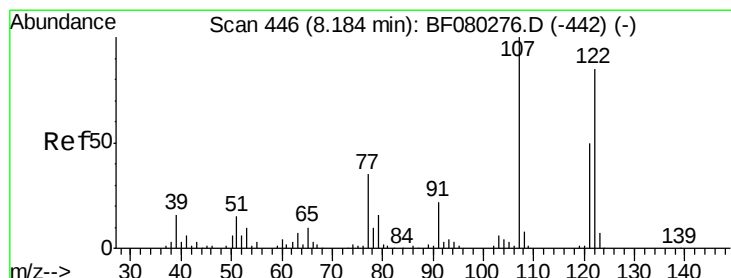
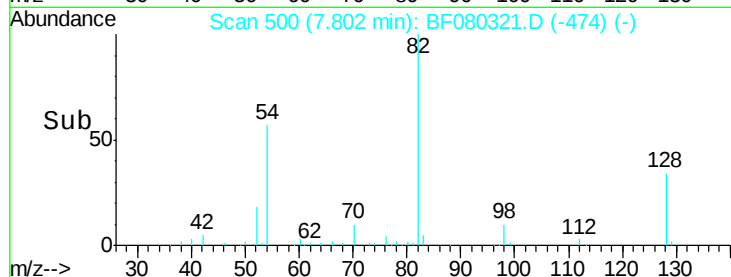
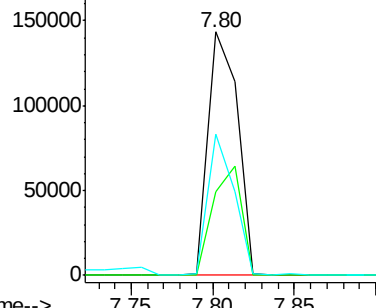
#23
 Nitrobenzene-d5
 Concen: 79.82 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080321.D
 Acq: 3 Jul 2015 1:47

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.0	43.4
54	57.9	45.3	67.9

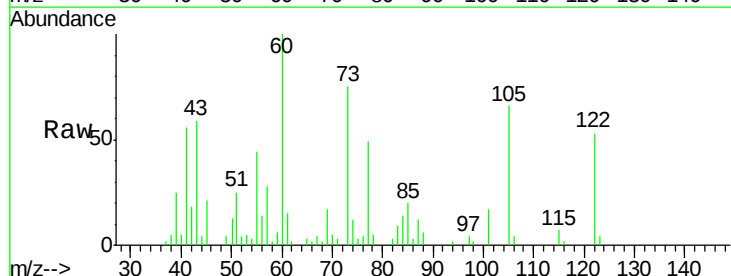


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

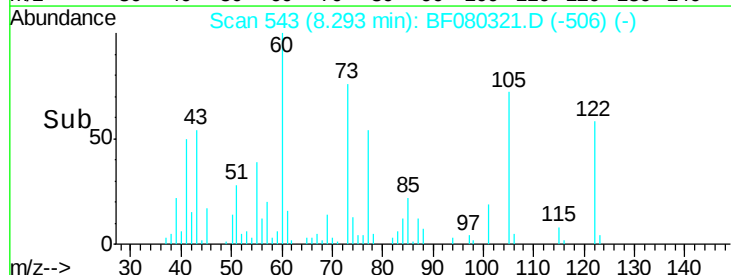
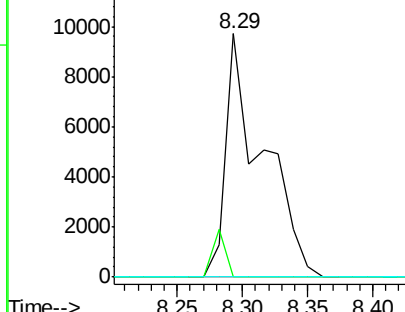


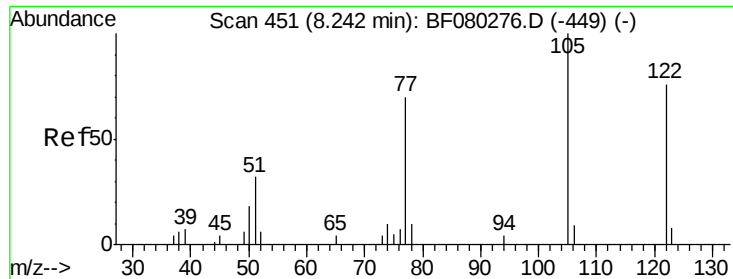
#27
 2,4-Dimethylphenol
 Concen: 10.26 ng
 RT: 8.29 min Scan# 543
 Delta R.T. 0.13 min
 Lab File: BF080321.D
 Acq: 3 Jul 2015 1:47

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	93.7	140.5#
121	0.0	46.9	70.3#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

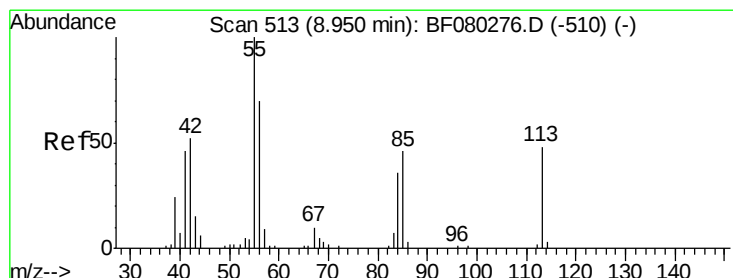
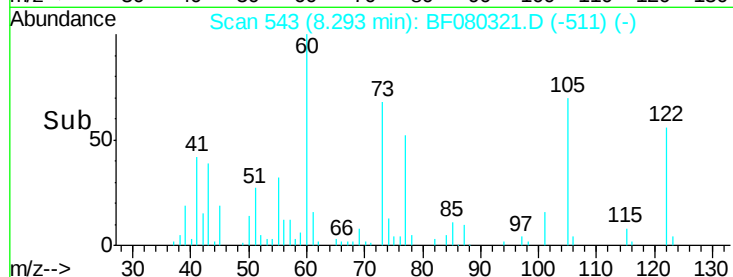
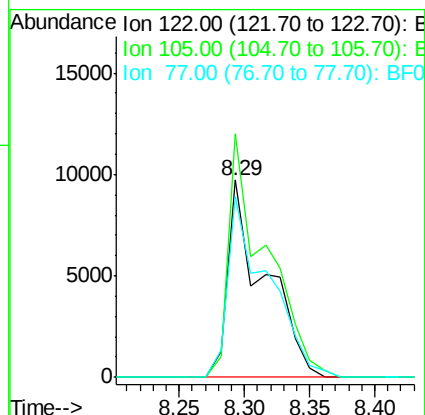
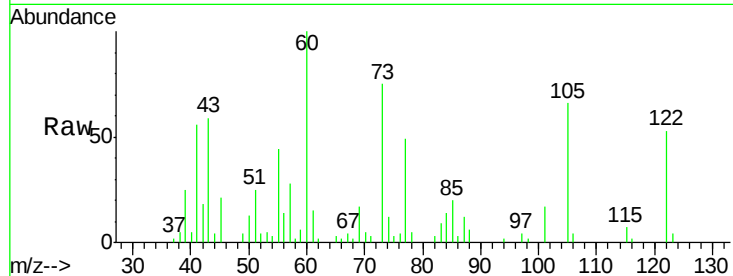




#32
Benzoic acid
Concen: 44.82 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.07 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

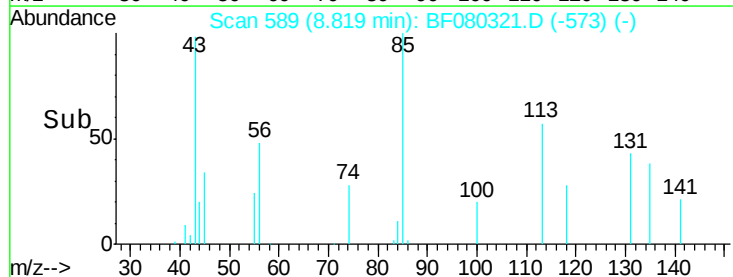
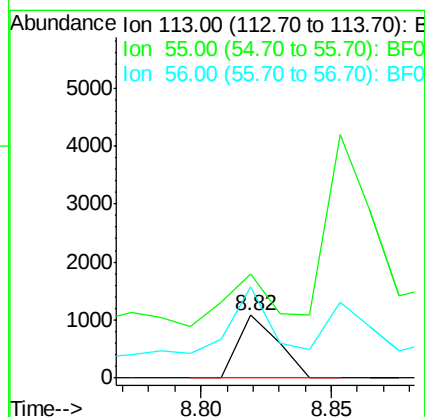
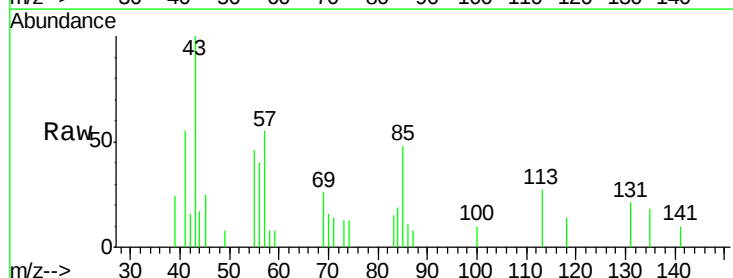
Instrument :
BNA_F
ClientSampleId :
EFF-WW

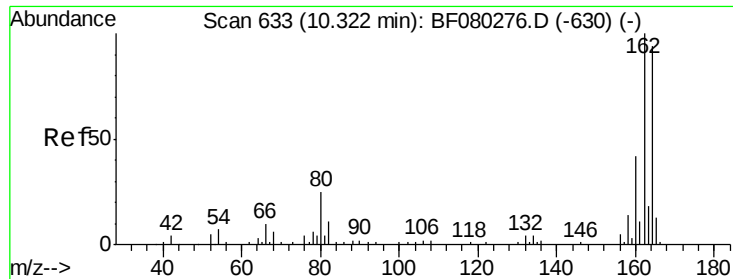
Tgt Ion:122 Resp: 19120
Ion Ratio Lower Upper
122 100
105 123.5 103.3 143.3
77 91.9 71.5 111.5



#35
Caprolactam
Concen: 2.22 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.11 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

Tgt Ion:113 Resp: 1159
Ion Ratio Lower Upper
113 100
55 167.3 189.7 229.7#
56 145.7 127.2 167.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Instrument :

BNA_F

ClientSampleId :

EFF-WW

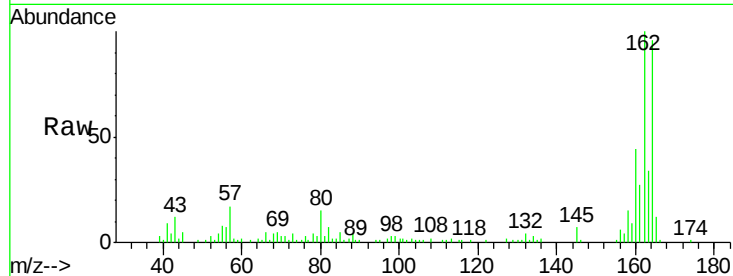
Tgt Ion:164 Resp: 57895

Ion Ratio Lower Upper

164 100

162 104.3 84.8 127.2

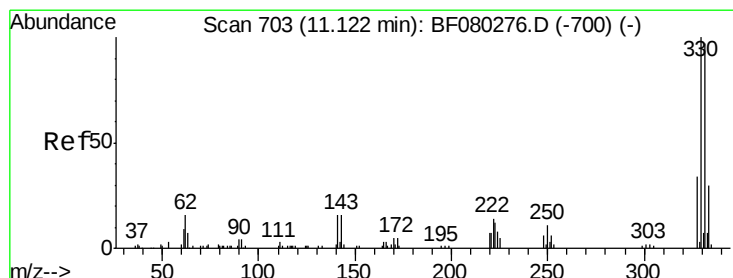
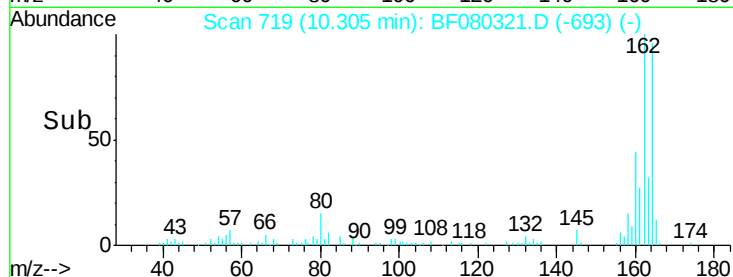
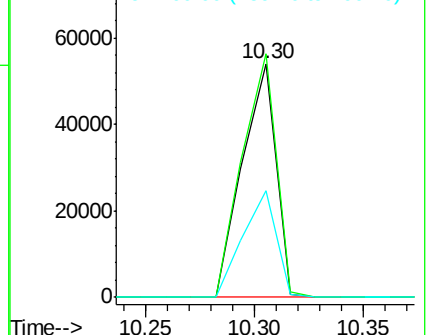
160 45.8 35.8 53.8



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: 100.96 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

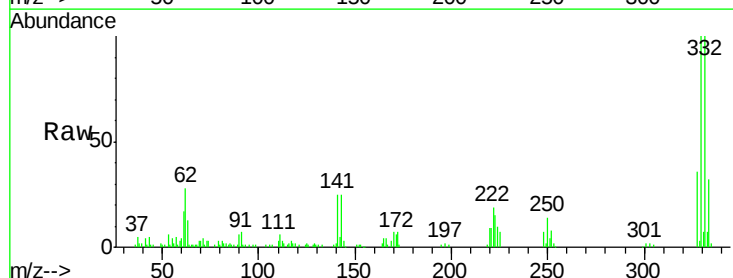
Tgt Ion:330 Resp: 55657

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.2

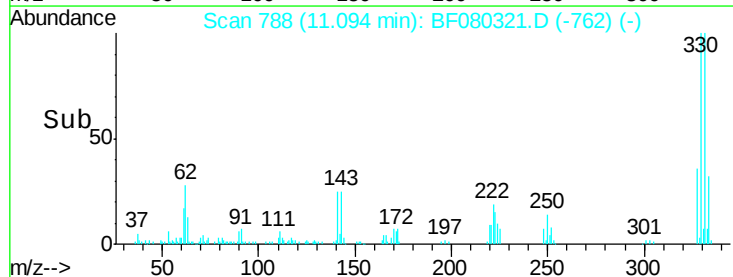
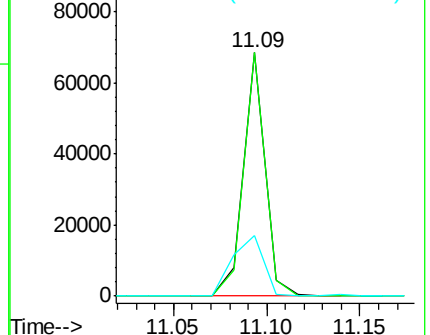
141 36.3 28.0 42.0

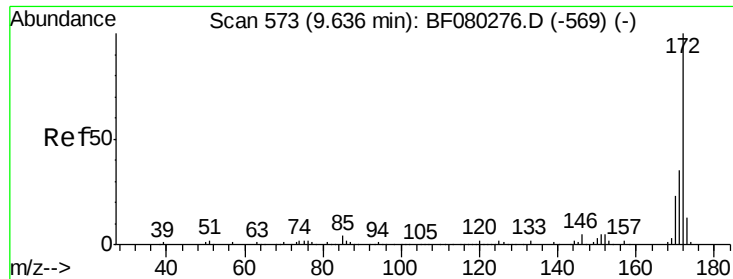


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

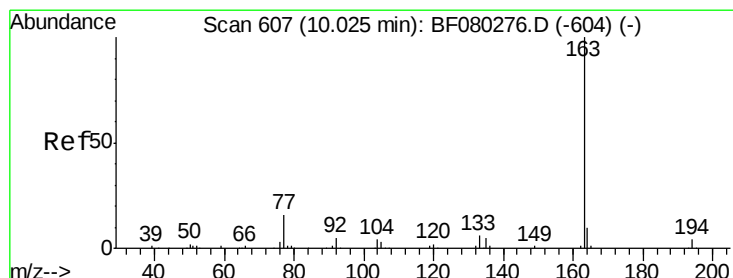
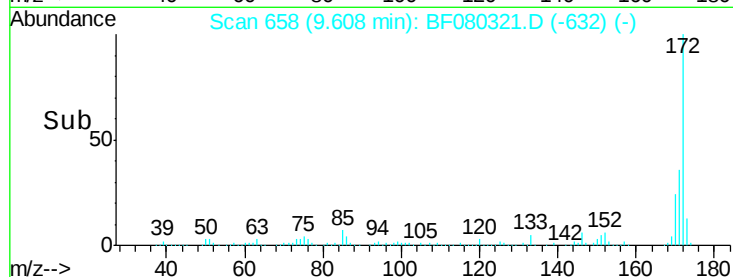
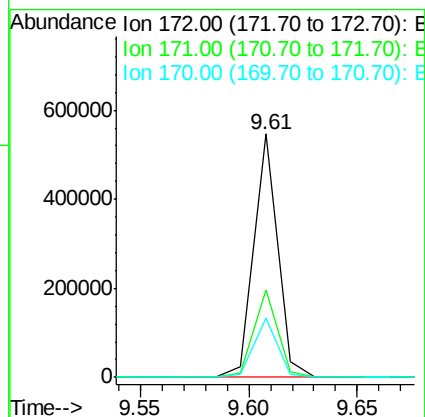
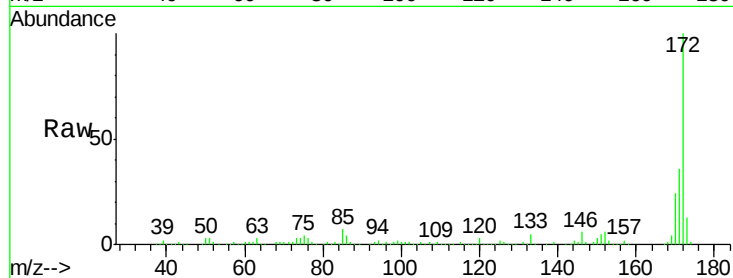




#44
2-Fluorobiphenyl
Concen: 103.27 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

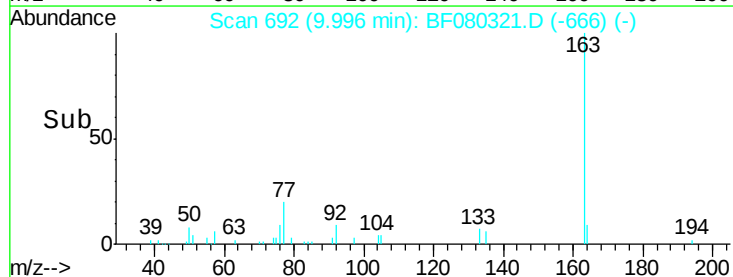
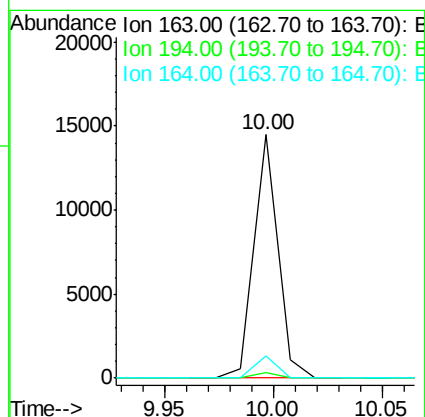
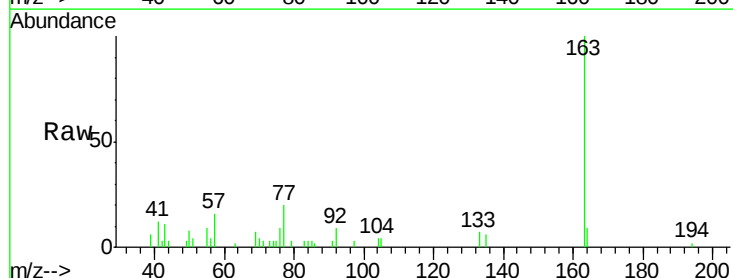
Instrument :
BNA_F
ClientSampleId :
EFF-WW

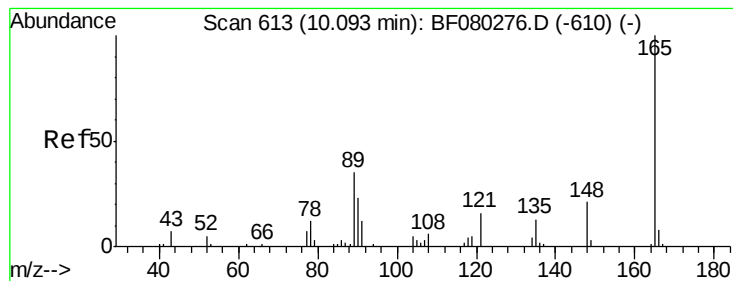
Tgt Ion:172 Resp: 415401
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.4 18.6 28.0



#49
Dimethylphthalate
Concen: 2.50 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

Tgt Ion:163 Resp: 11077
Ion Ratio Lower Upper
163 100
194 2.1 3.0 4.4#
164 8.9 7.9 11.9





#50

2,6-Dinitrotoluene

Concen: 8.68 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.24 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Instrument :

BNA_F

ClientSampleId :

EFF-WW

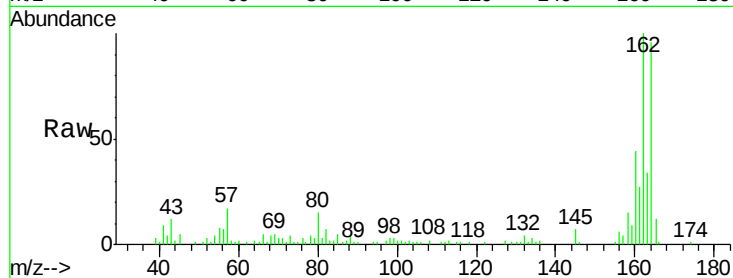
Tgt Ion:165 Resp: 7846

Ion Ratio Lower Upper

165 100

63 0.0 23.4 35.0#

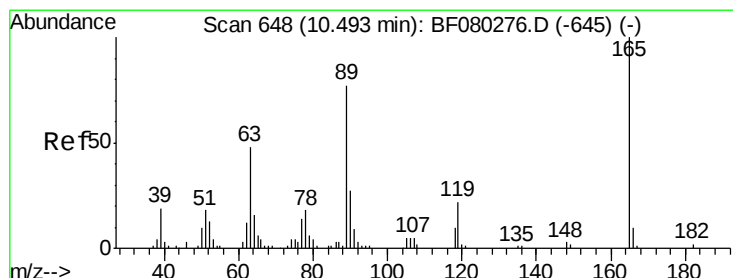
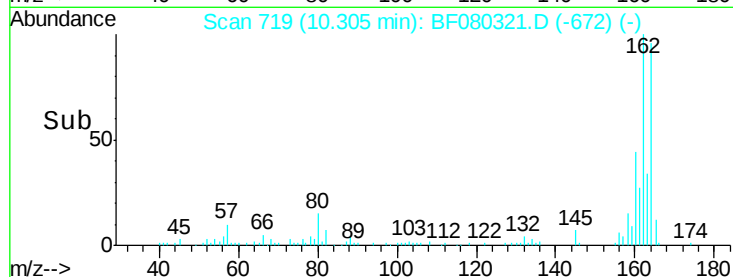
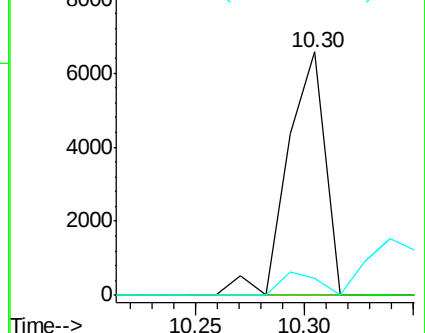
89 6.9 27.7 41.5#



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



#56

2,4-Dinitrotoluene

Concen: 6.69 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.17 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Tgt Ion:165 Resp: 7846

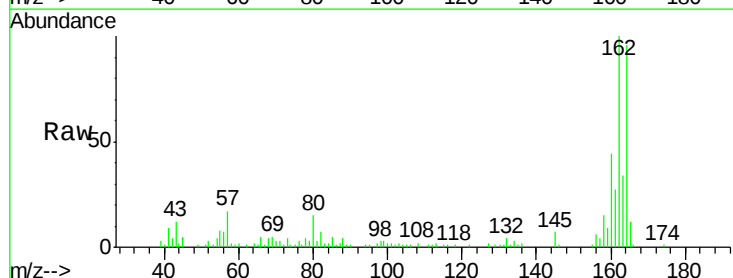
Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

89 6.9 62.0 93.0#

182 0.0 1.8 2.8#

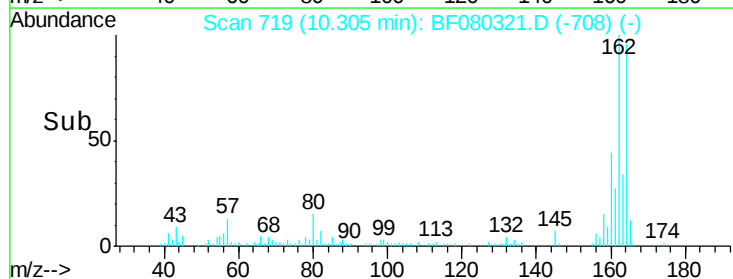
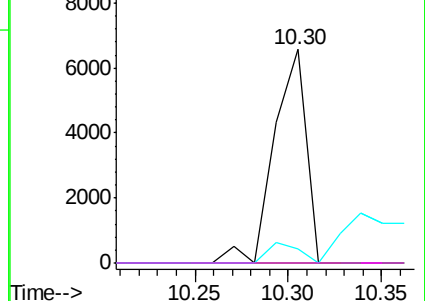


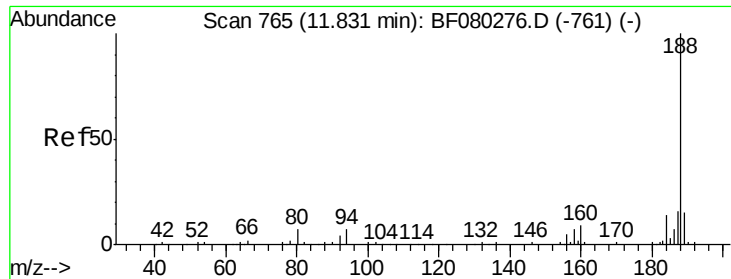
Abundance Ion 165.00 (164.70 to 165.70): E

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

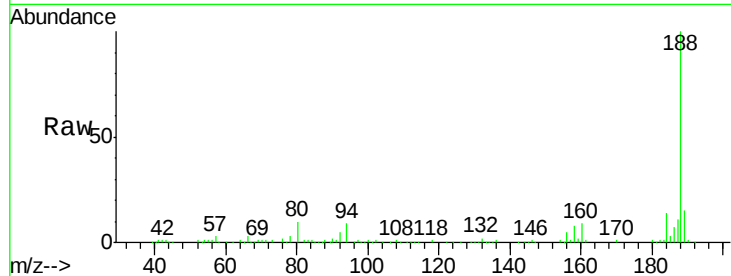




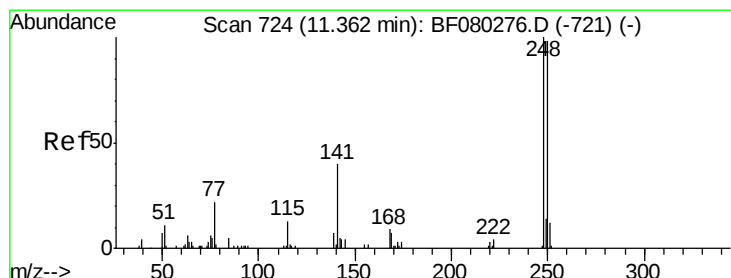
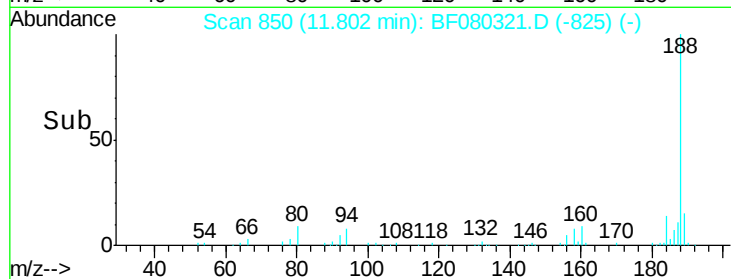
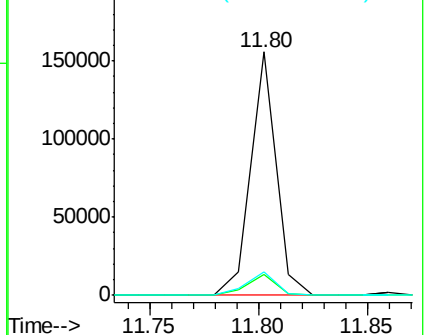
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:188 Resp: 126551
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 9.6 5.8 8.6#

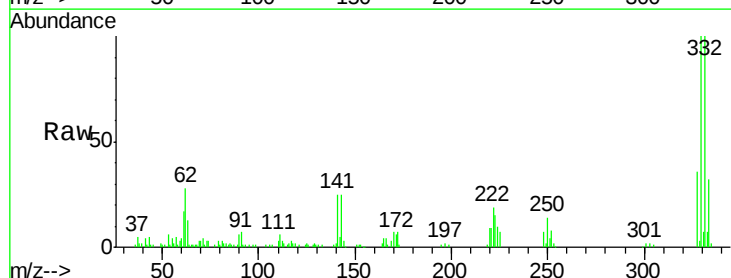


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

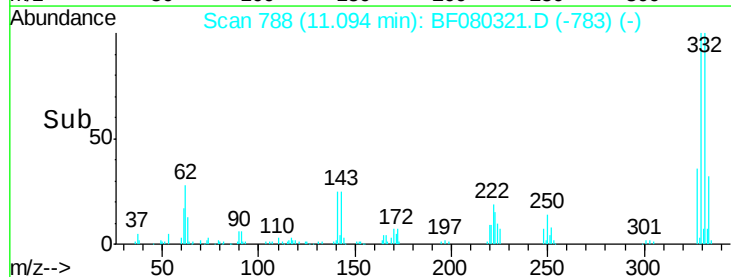
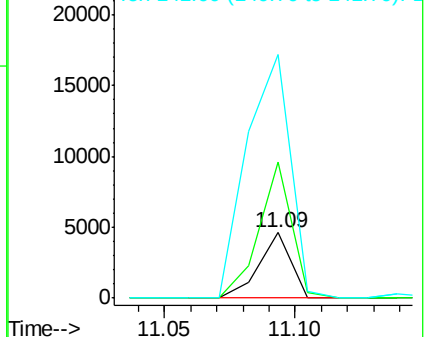


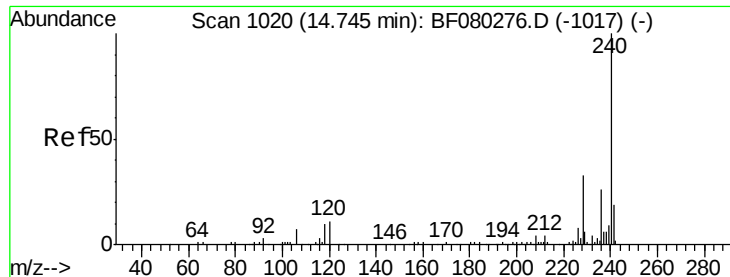
#66
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.24 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

Tgt Ion:248 Resp: 3957
Ion Ratio Lower Upper
248 100
250 208.0 78.2 117.4#
141 372.0 31.9 47.9#



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: 14.73 min Scan# 1106

Delta R.T. -0.13 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

Instrument :

BNA_F

ClientSampleId :

EFF-WW

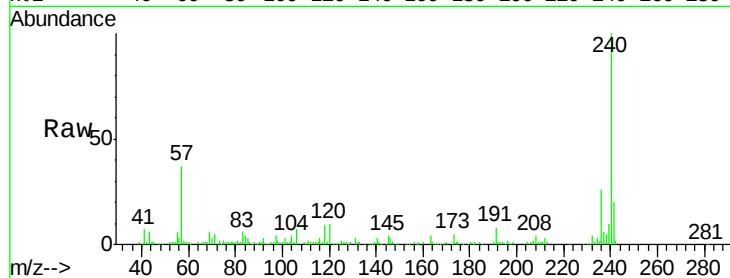
Tgt Ion:240 Resp: 137544

Ion Ratio Lower Upper

240 100

120 10.1 8.7 13.1

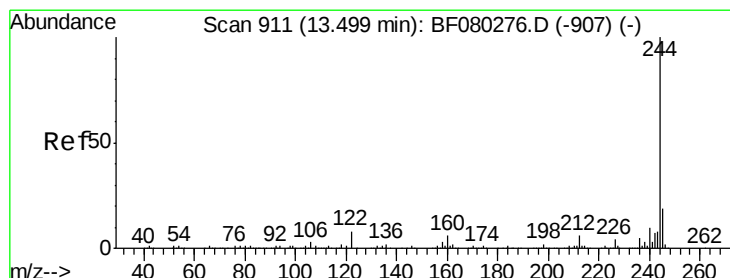
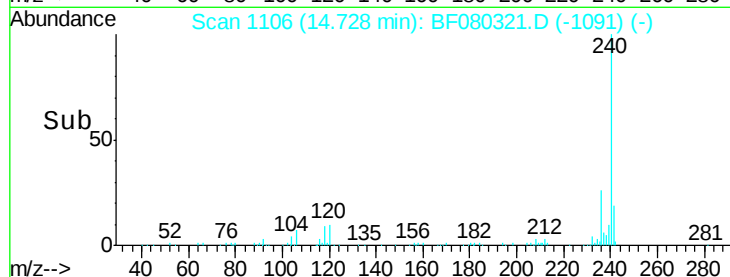
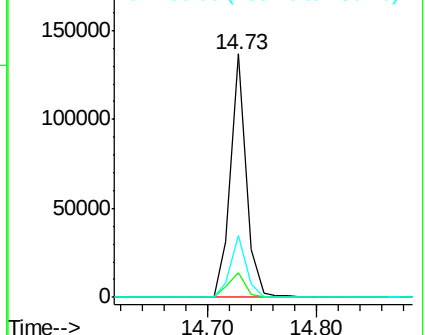
236 25.6 20.9 31.3



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: 74.47 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.07 min

Lab File: BF080321.D

Acq: 3 Jul 2015 1:47

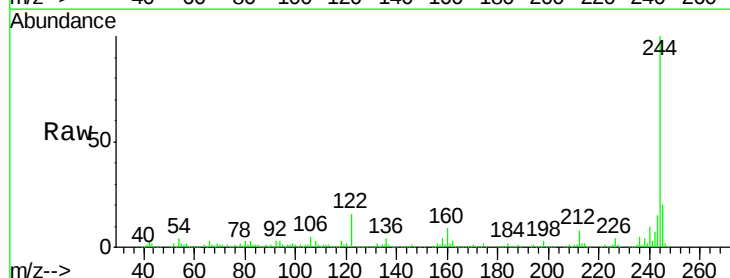
Tgt Ion:244 Resp: 437285

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.6#

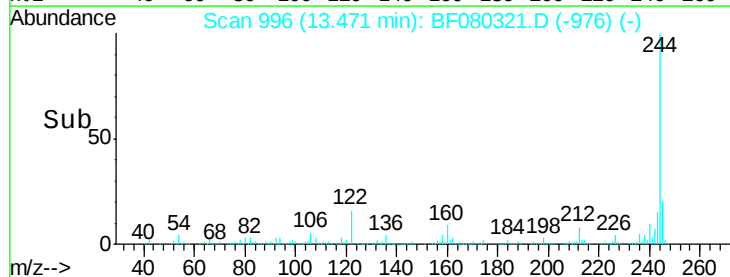
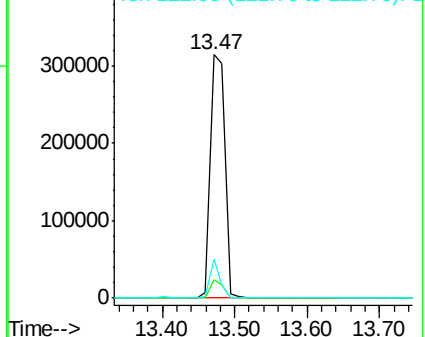
122 16.0 6.6 9.8#

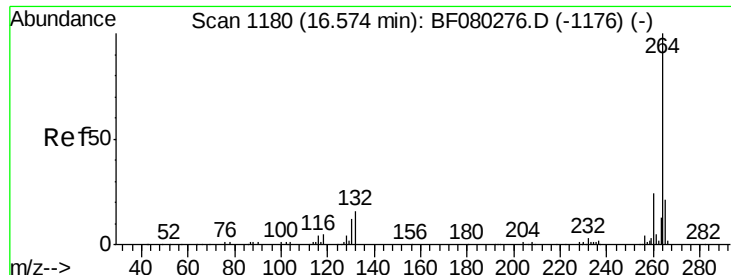


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

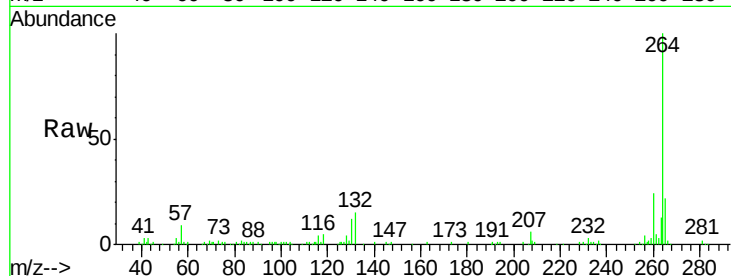




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.21 min
Lab File: BF080321.D
Acq: 3 Jul 2015 1:47

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 264 Resp: 138774
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 16.9 25.3



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

