

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080124.D
 Acq On : 23 Jun 2015 7:43
 Operator : TP/IZ
 Sample : G2716-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-1

Quant Time: Jun 23 08:21:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

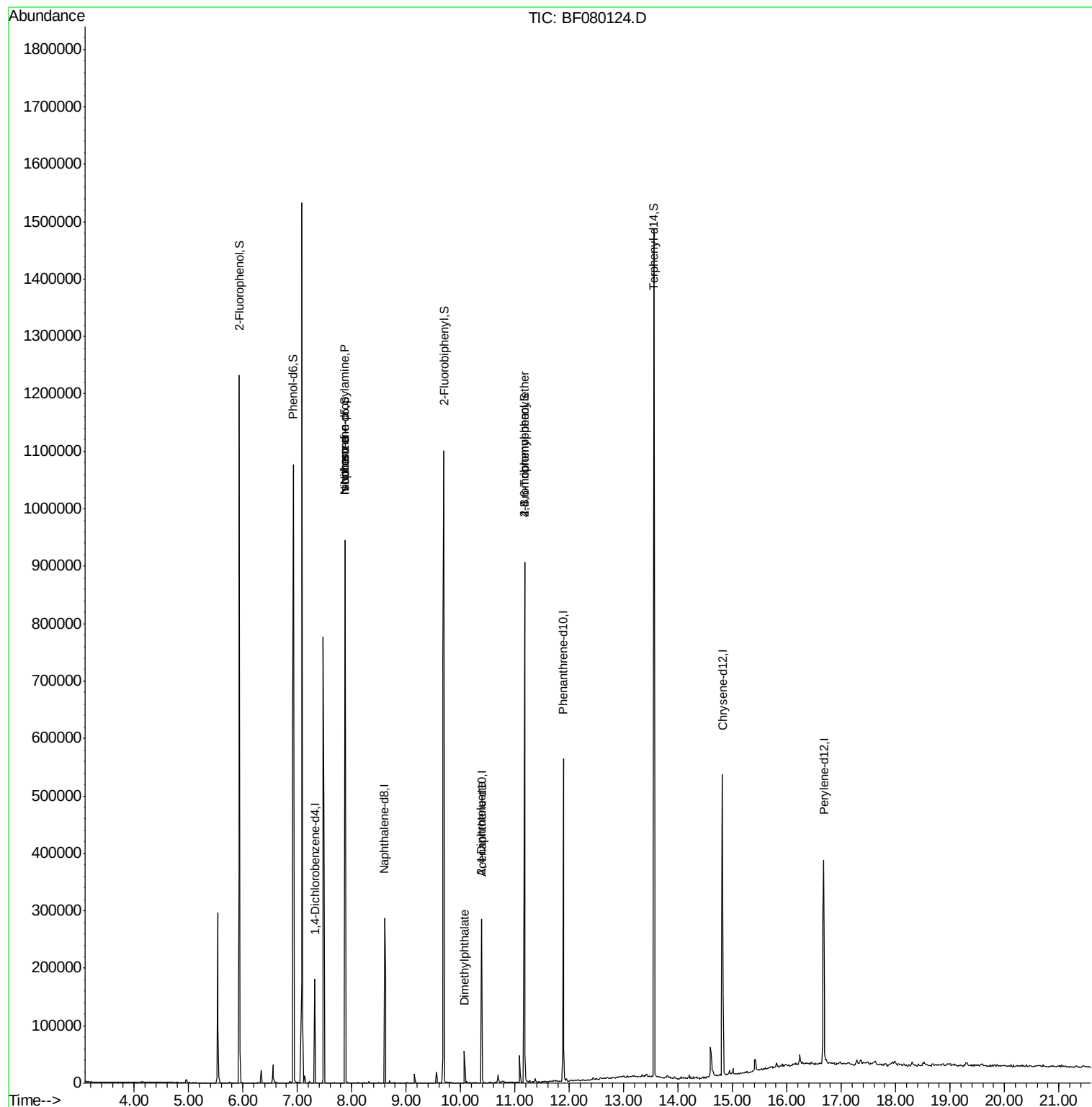
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	40534	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	162026	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	83673	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	190209	20.00	ng	-0.02
75) Chrysene-d12	14.81	240	204559	20.00	ng	-0.18
86) Perylene-d12	16.68	264	208287	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	331295	144.68	ng	0.00
7) Phenol-d6	6.93	99	438047	143.76	ng	0.00
23) Nitrobenzene-d5	7.88	82	259578	93.27	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	108669	132.82	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	450129	76.72	ng	0.00
78) Terphenyl-d14	13.56	244	486484	55.54	ng	-0.11
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	33515	15.84	ng	# 60
25) Isophorone	7.88	82	259567	46.34	ng	# 58
49) Dimethylphthalate	10.07	163	28430	4.52	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	11015	6.88	ng	# 31
66) 4-Bromophenyl-phenylether	11.18	248	8114	4.01	ng	# 1

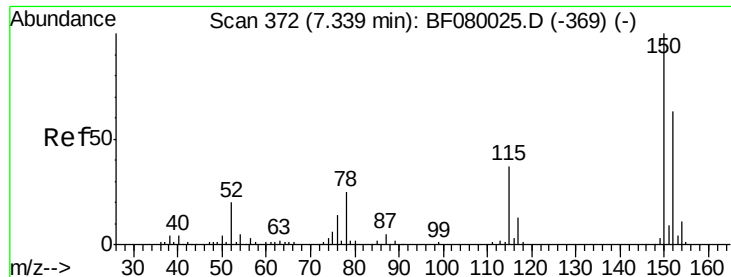
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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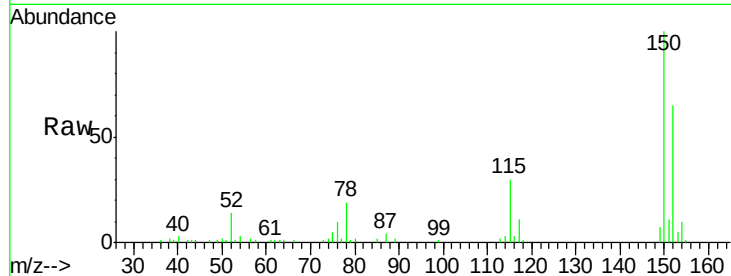




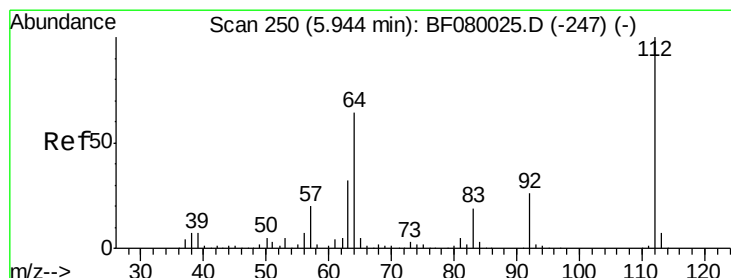
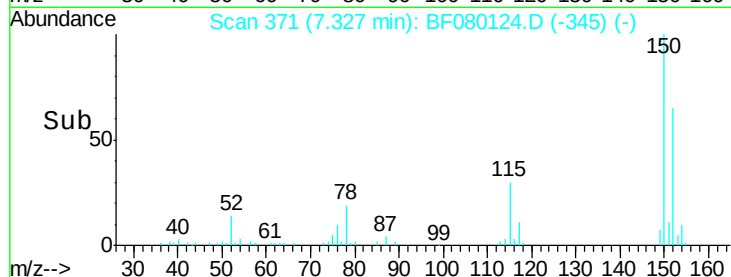
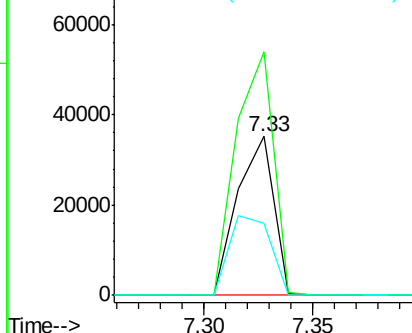
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080124.D
 Acq: 23 Jun 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-1

Tgt Ion:152 Resp: 40534
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.7 187.1
 115 45.8 39.0 58.4

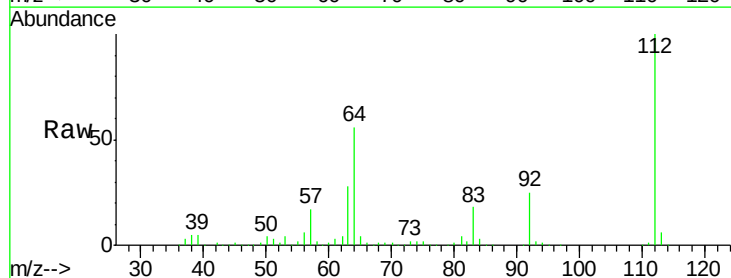


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

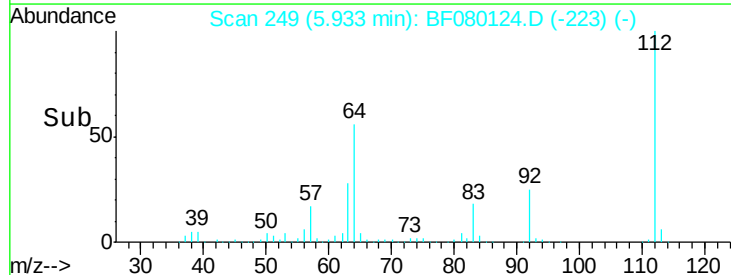
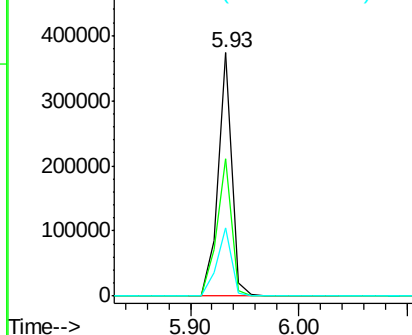


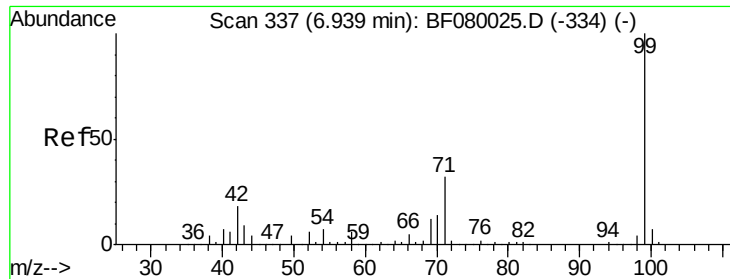
#5
 2-Fluorophenol
 Concen: 144.68 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080124.D
 Acq: 23 Jun 2015 7:43

Tgt Ion:112 Resp: 331295
 Ion Ratio Lower Upper
 112 100
 64 56.4 39.7 59.5
 63 27.8 17.4 26.0#



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: 143.76 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080124.D

Acq: 23 Jun 2015 7:43

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-1

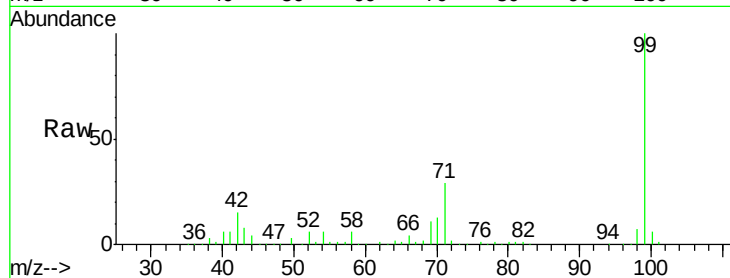
Tgt Ion: 99 Resp: 438047

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

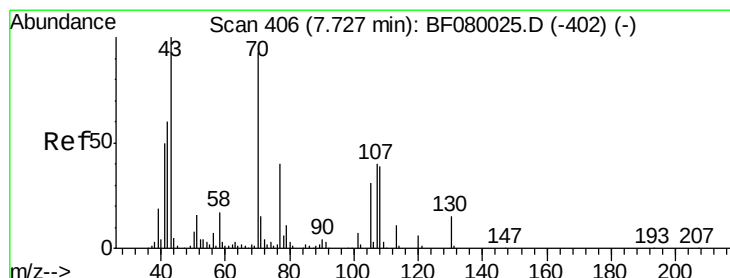
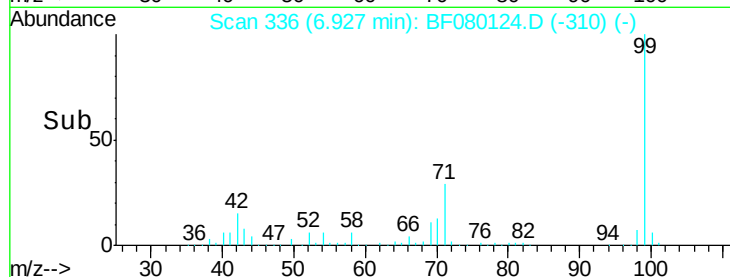
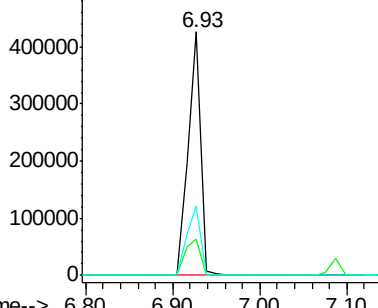
71 28.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.84 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080124.D

Acq: 23 Jun 2015 7:43

Tgt Ion: 70 Resp: 33515

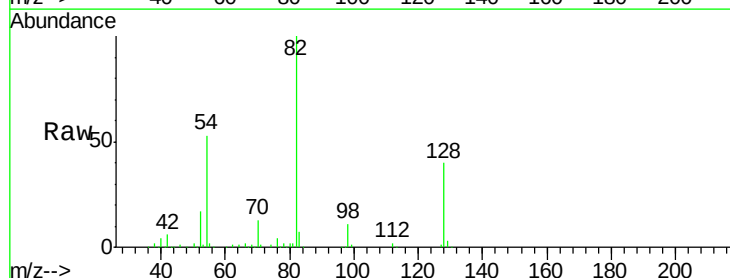
Ion Ratio Lower Upper

70 100

42 49.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

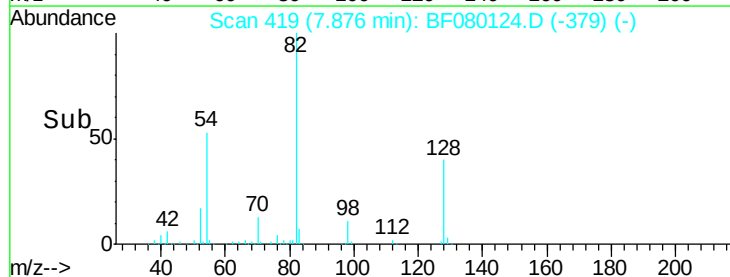
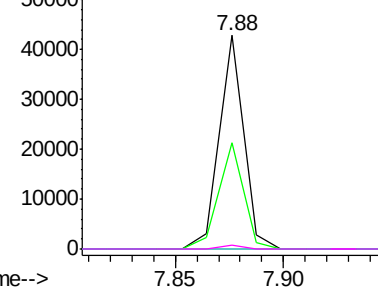


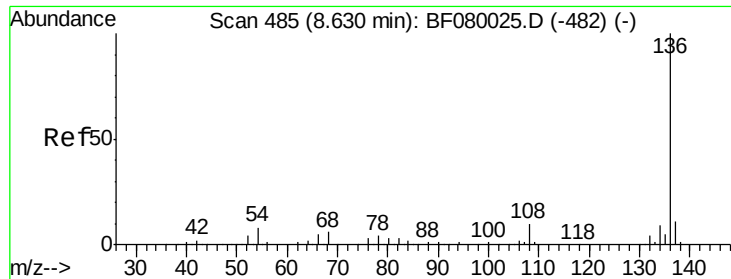
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

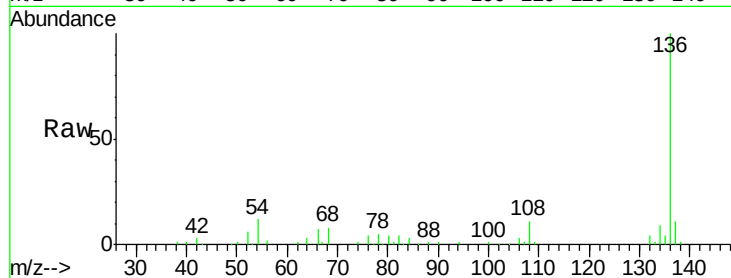




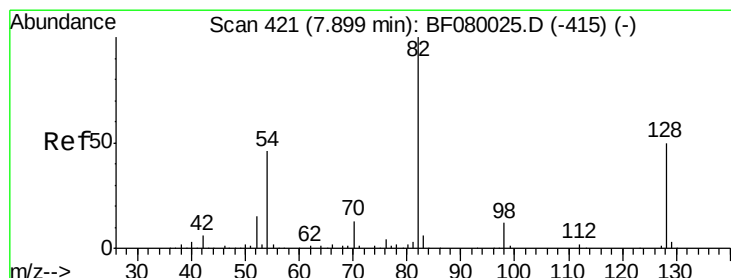
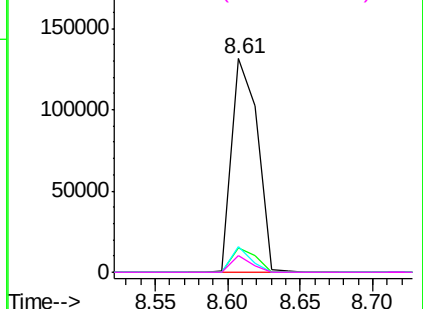
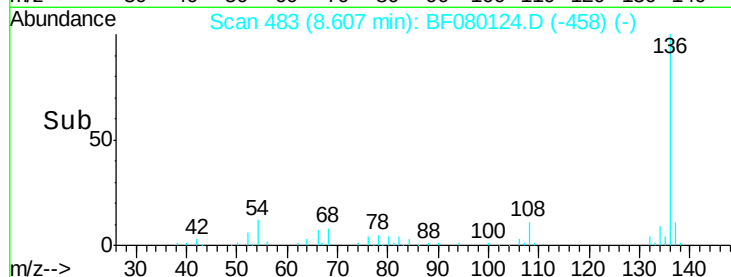
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080124.D
Acq: 23 Jun 2015 7:43

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-1

Tgt Ion:	136	Resp:	162026
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.7	8.2	12.2
68	8.1	5.8	8.6

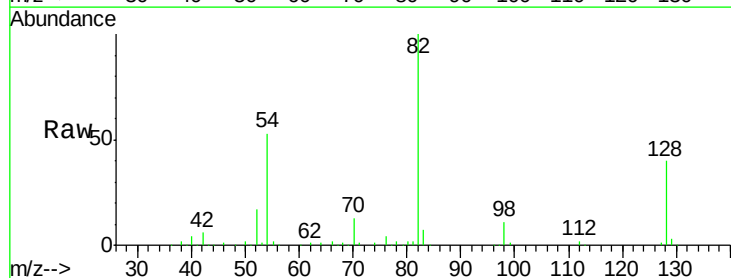


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

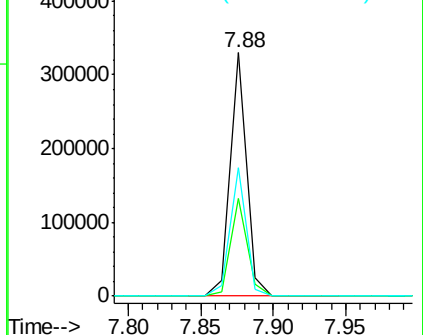
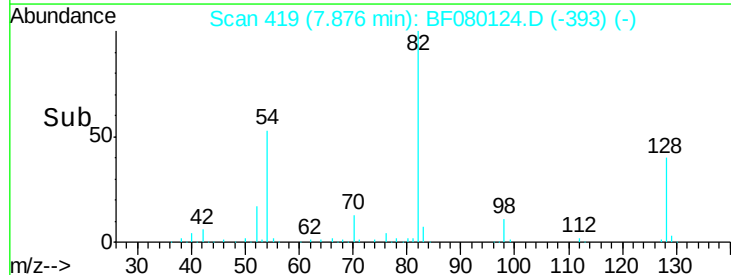


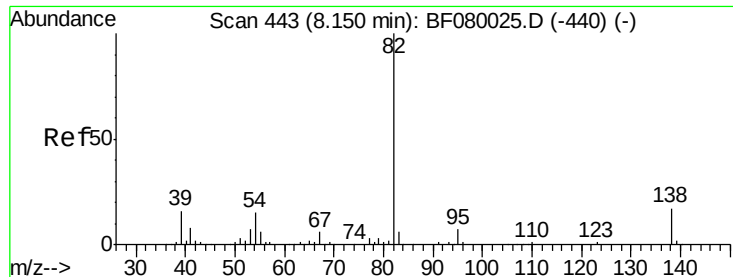
#23
Nitrobenzene-d5
Concen: 93.27 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080124.D
Acq: 23 Jun 2015 7:43

Tgt Ion:	82	Resp:	259578
Ion	Ratio	Lower	Upper
82	100		
128	40.0	51.0	76.6#
54	52.5	47.5	71.3



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: 46.34 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080124.D

Acq: 23 Jun 2015 7:43

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-1

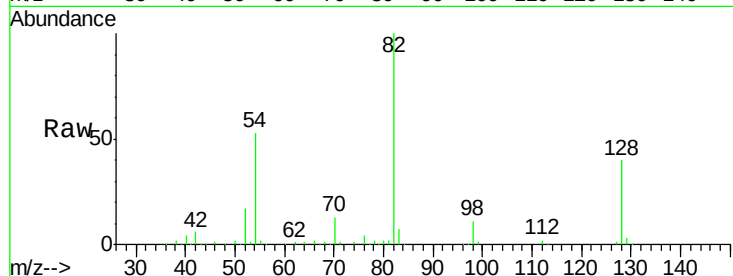
Tgt Ion: 82 Resp: 259567

Ion Ratio Lower Upper

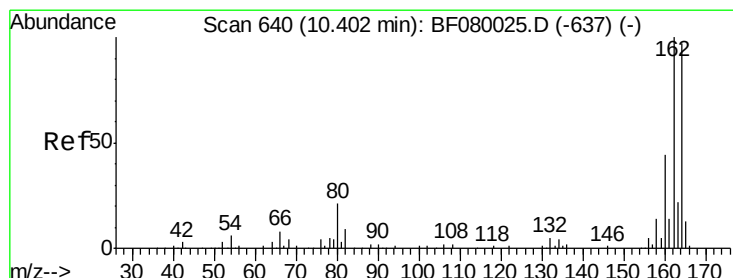
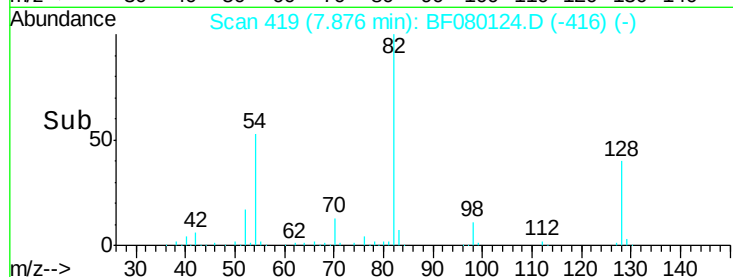
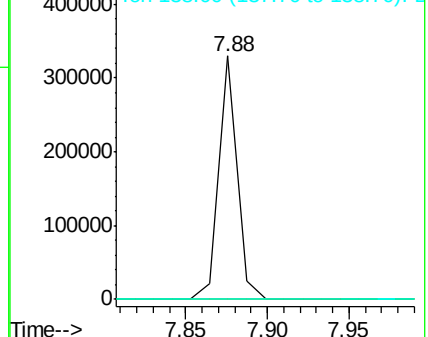
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080124.D

Acq: 23 Jun 2015 7:43

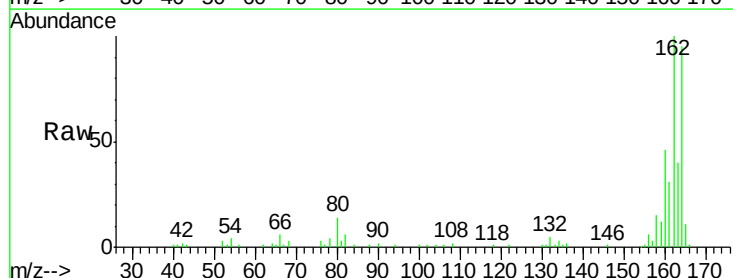
Tgt Ion: 164 Resp: 83673

Ion Ratio Lower Upper

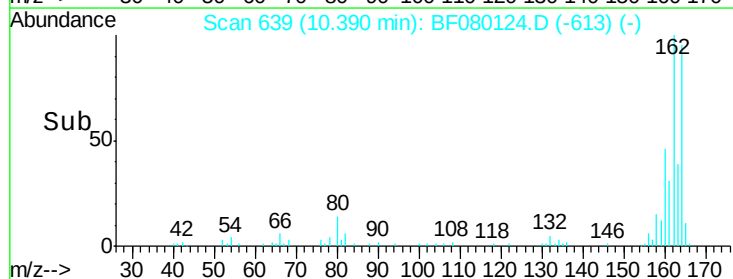
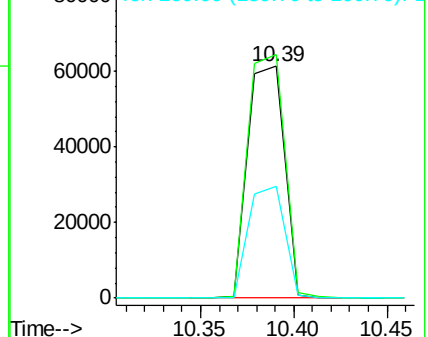
164 100

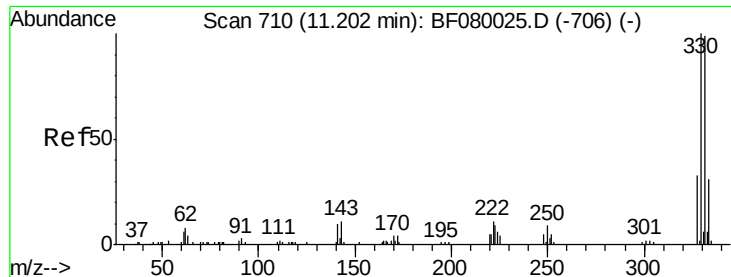
162 105.1 75.2 112.8

160 48.2 31.5 47.3#



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

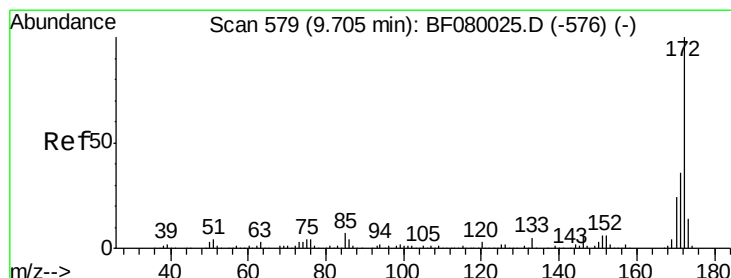
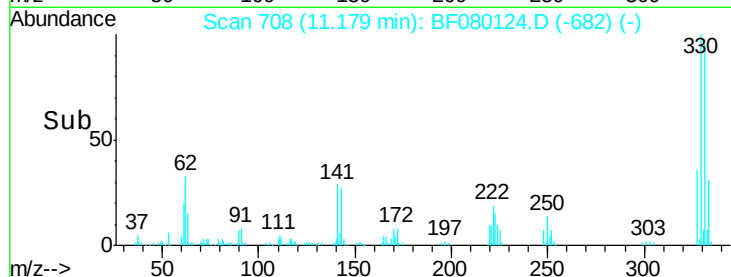
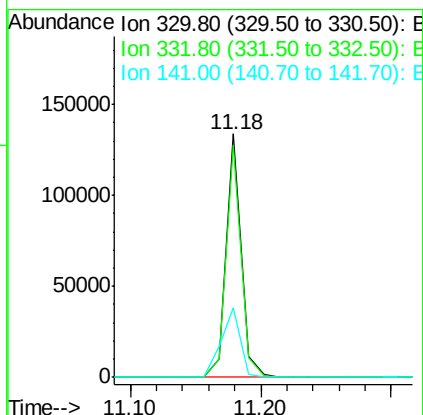
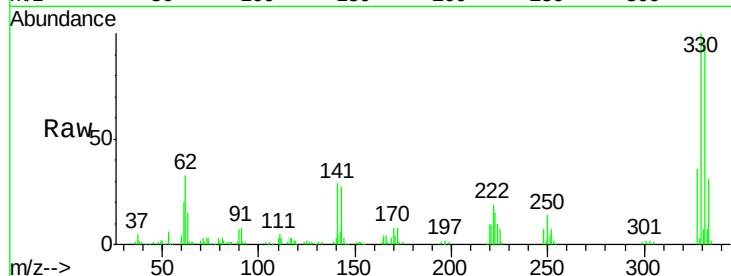




#41
 2,4,6-Tribromophenol
 Concen: 132.82 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080124.D
 Acq: 23 Jun 2015 7:43

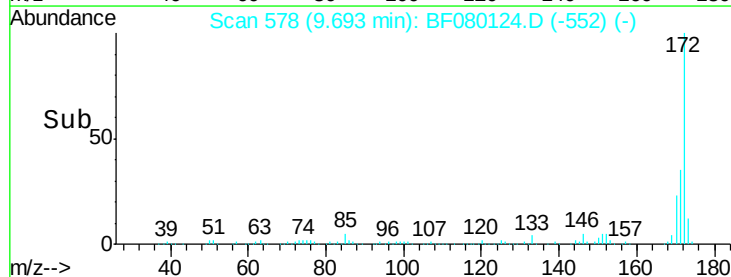
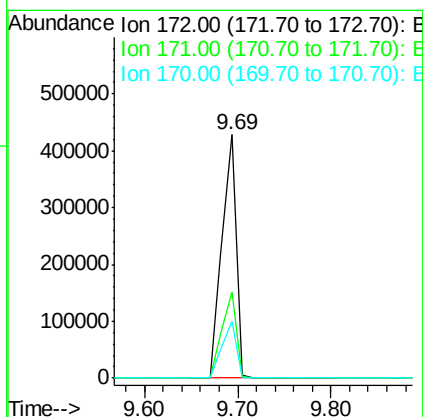
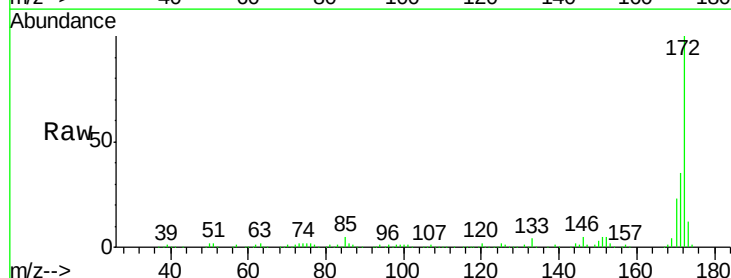
Instrument :
 BNA_F
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 AC-UNDERCUT(0-2)-1

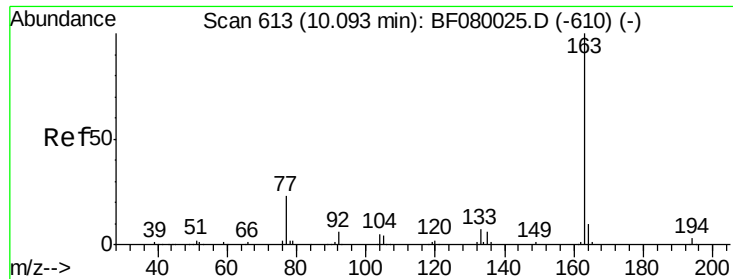
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	36.1	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 76.72 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080124.D
 Acq: 23 Jun 2015 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.3	17.4	26.2

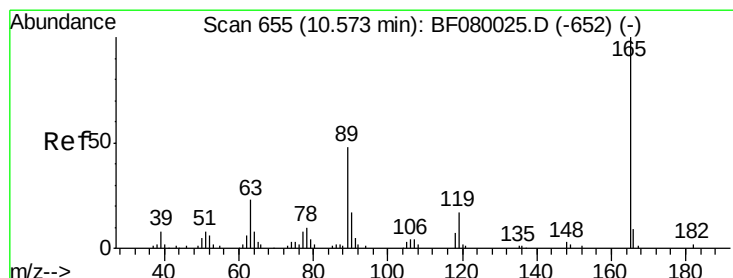
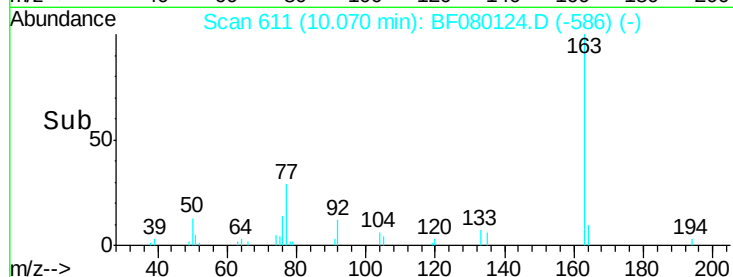
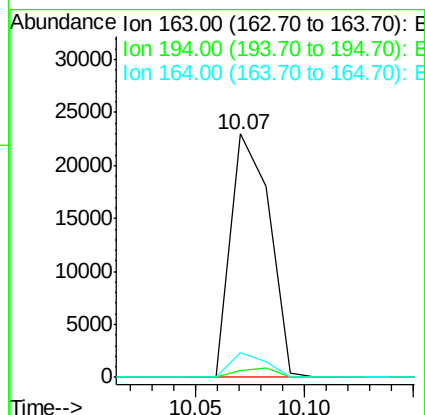
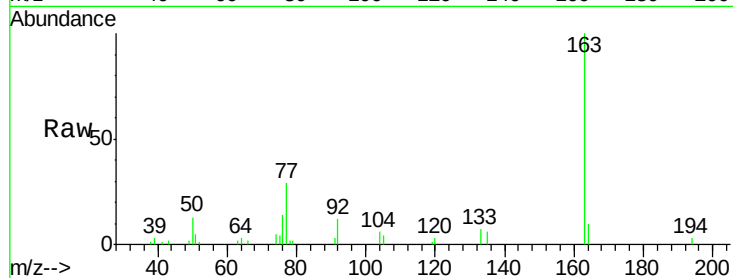




#49
Dimethylphthalate
Concen: 4.52 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF080124.D
Acq: 23 Jun 2015 7:43

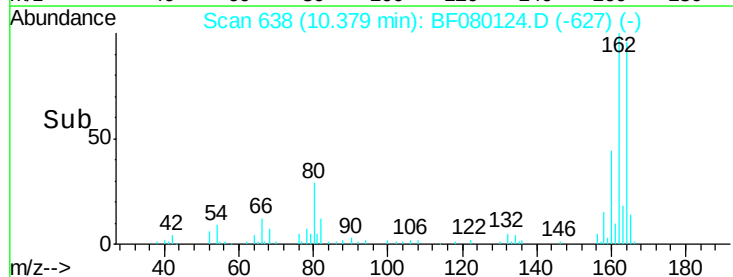
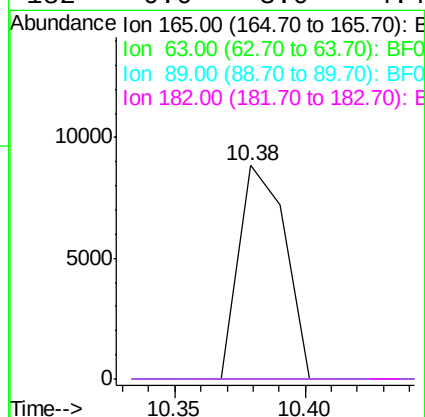
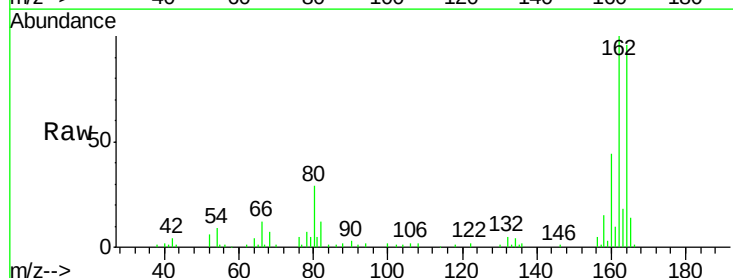
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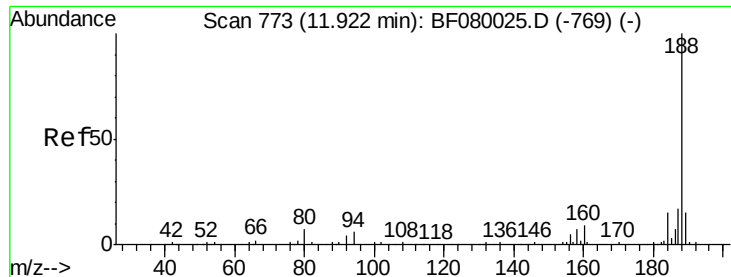
Tgt Ion:163 Resp: 28430
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080124.D
Acq: 23 Jun 2015 7:43

Tgt Ion:165 Resp: 11015
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

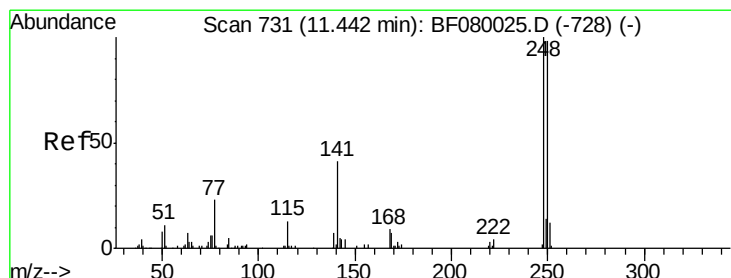
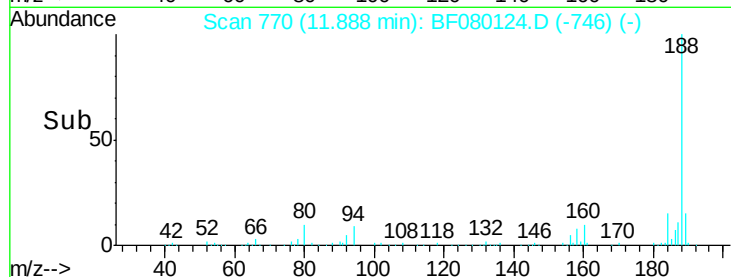
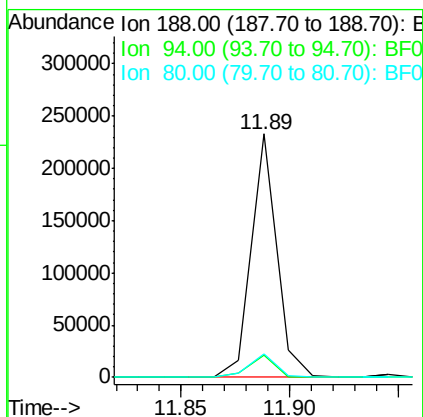
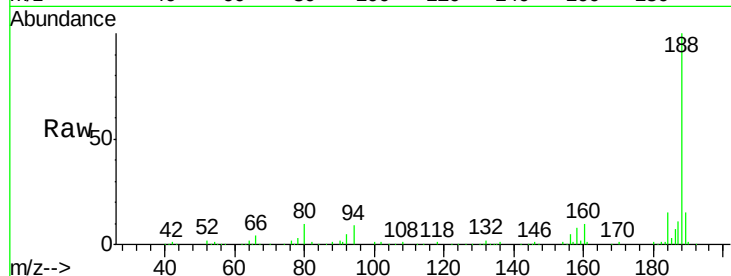




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080124.D
 Acq: 23 Jun 2015 7:43

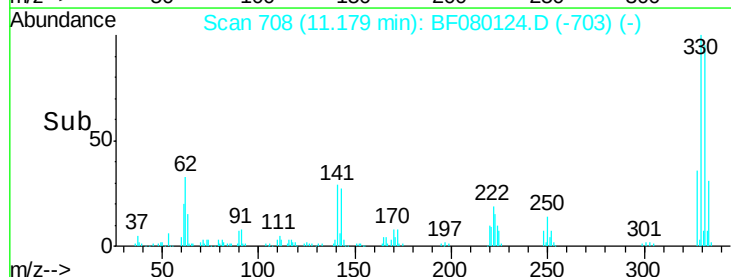
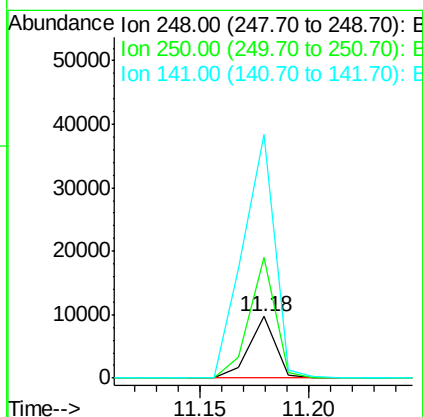
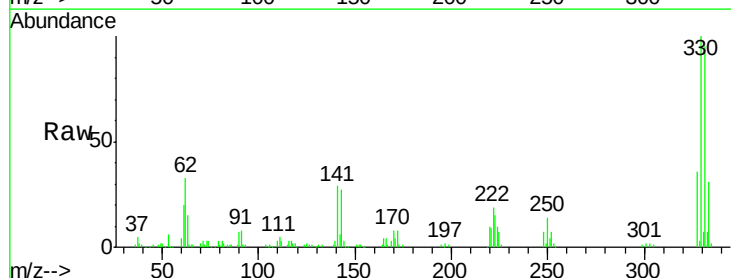
Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-1

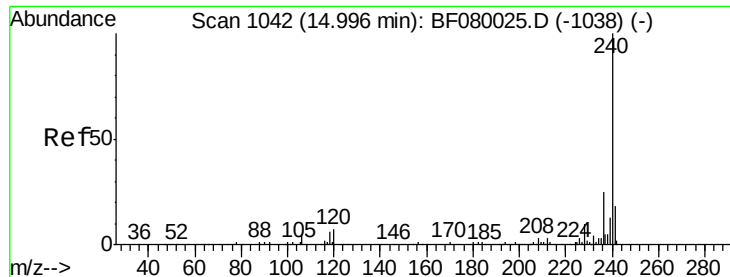
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	11.1	16.7#
80	9.9	11.0	16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.01 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080124.D
 Acq: 23 Jun 2015 7:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.1	78.5	117.7#
141	396.2	59.0	88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.18 min

Lab File: BF080124.D

Acq: 23 Jun 2015 7:43

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-1

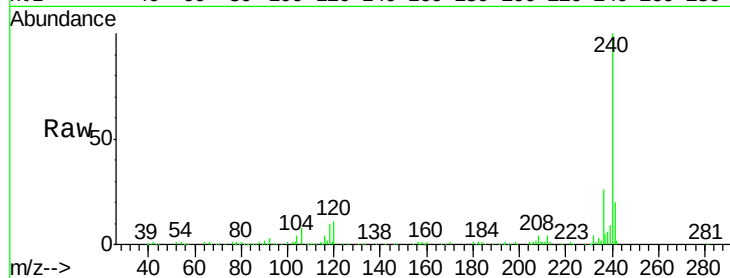
Tgt Ion:240 Resp: 204559

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

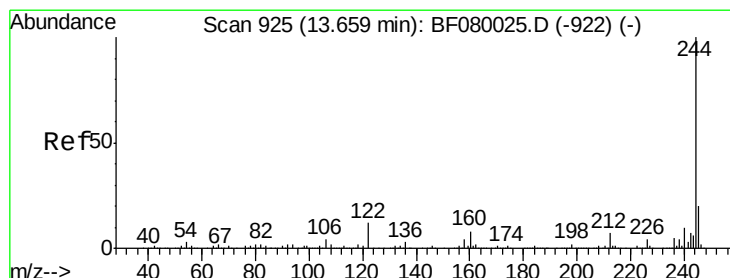
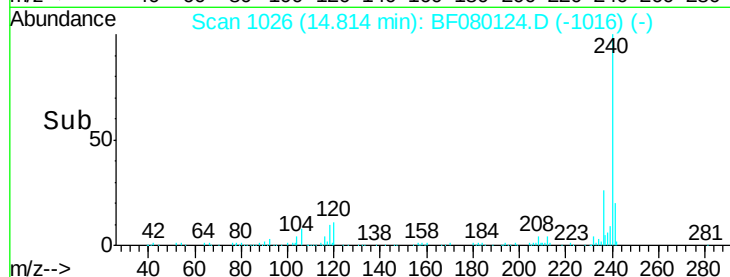
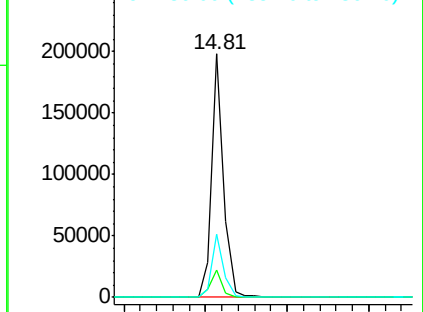
236 25.9 18.4 27.6



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: 55.54 ng

RT: 13.56 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF080124.D

Acq: 23 Jun 2015 7:43

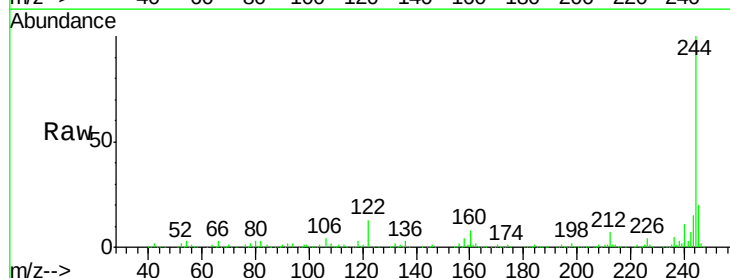
Tgt Ion:244 Resp: 486484

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

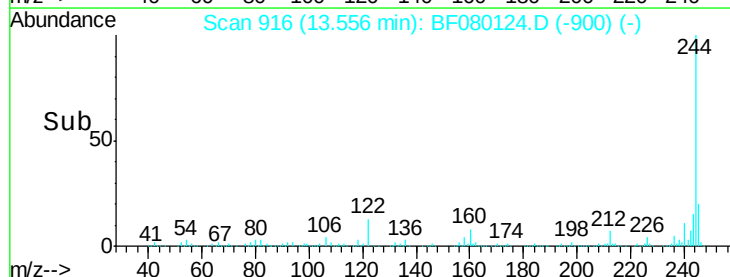
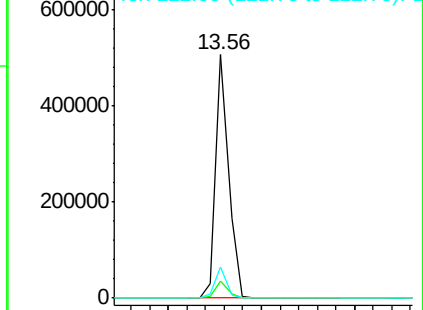
122 12.9 17.4 26.2#

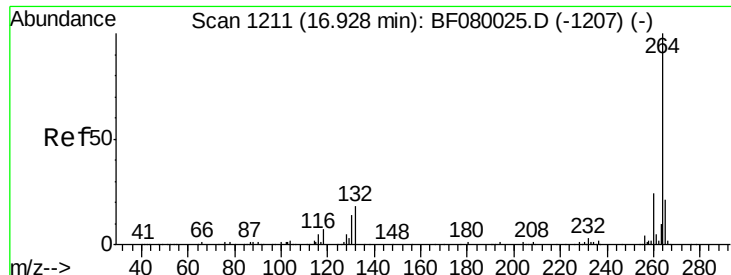


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

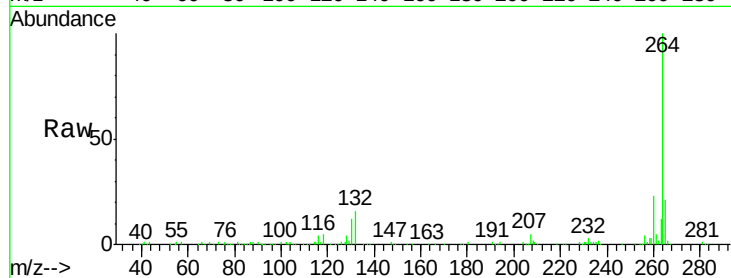




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.68 min Scan# 1189
Delta R.T. -0.25 min
Lab File: BF080124.D
Acq: 23 Jun 2015 7:43

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	20.8	17.2	25.8



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

