

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080223.D
 Acq On : 30 Jun 2015 1:17
 Operator : TP/IZ
 Sample : G2832-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SBHT2

Quant Time: Jun 30 05:43:25 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

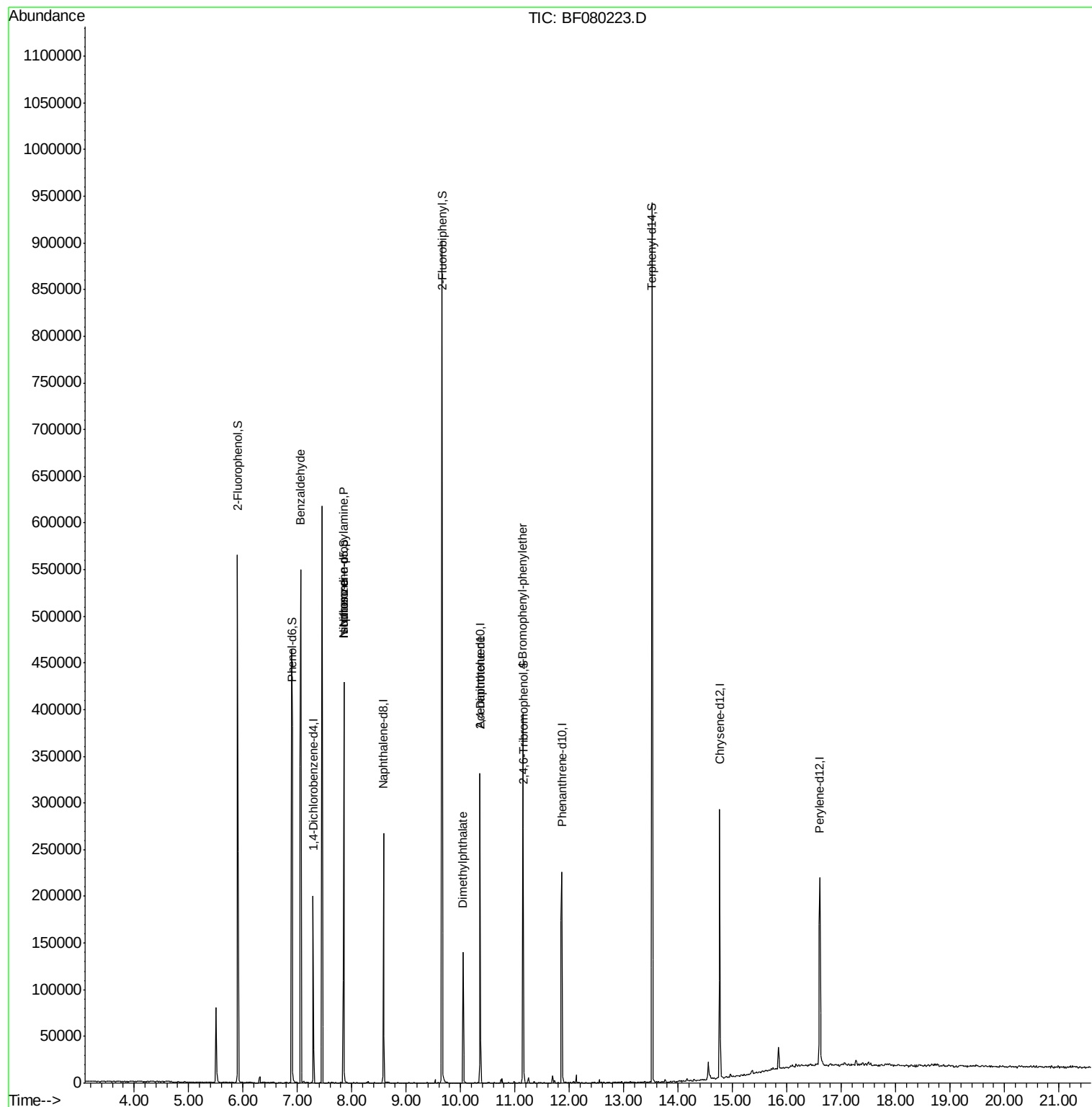
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	27450	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	113072	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	61088	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	116210	20.00	ng	-0.05
75) Chrysene-d12	14.77	240	122265	20.00	ng	-0.23
86) Perylene-d12	16.61	264	120208	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	166998	107.69	ng	-0.03
7) Phenol-d6	6.90	99	221726	107.45	ng	-0.02
23) Nitrobenzene-d5	7.85	82	131499	67.70	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	56681	94.89	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	265852	62.06	ng	-0.03
78) Terphenyl-d14	13.52	244	297599	56.85	ng	-0.15
Target Compounds						
9) Benzaldehyde	7.06	77	3878	3.26	ng	# 67
19) n-Nitroso-di-n-propylamine	7.85	70	17214	12.02	ng	# 58
25) Isophorone	7.85	82	131493	33.64	ng	# 58
49) Dimethylphthalate	10.05	163	58360	12.71	ng	# 97
56) 2,4-Dinitrotoluene	10.36	165	7727	6.61	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	3901	3.16	ng	# 1

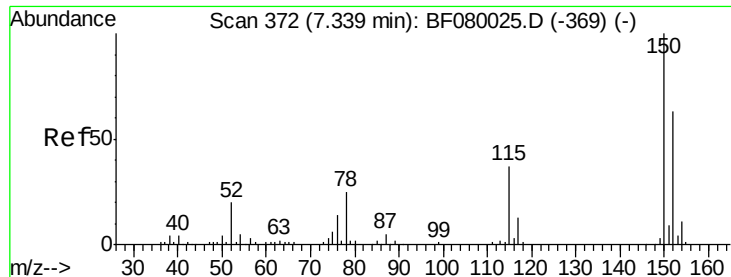
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080223.D

Acq: 30 Jun 2015 1:17

Instrument :

BNA_F

ClientSampleId :

SBHT2

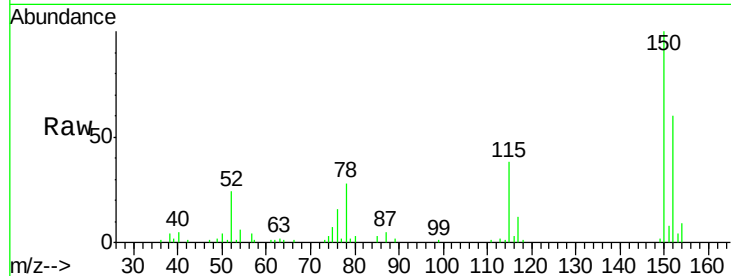
Tgt Ion:152 Resp: 27450

Ion Ratio Lower Upper

152 100

150 165.5 124.7 187.1

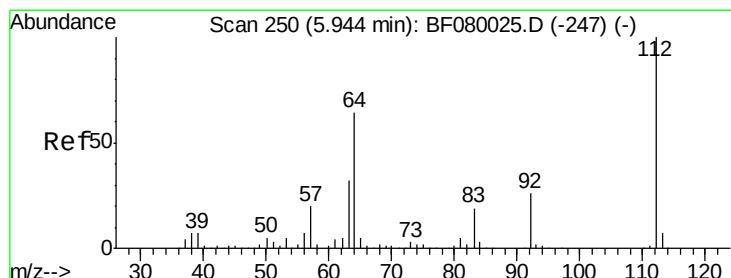
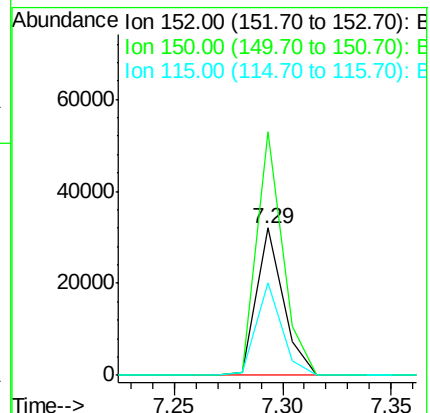
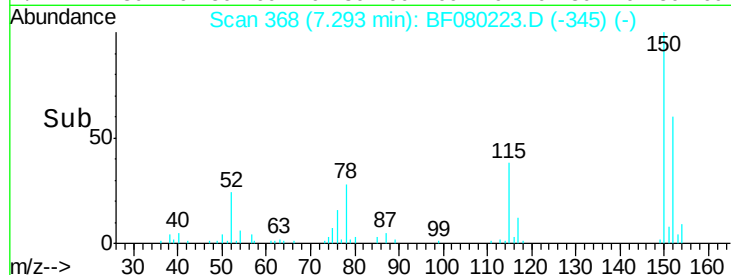
115 62.9 39.0 58.4#



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: 107.69 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080223.D

Acq: 30 Jun 2015 1:17

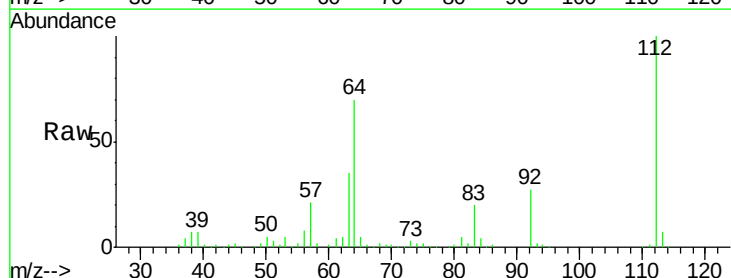
Tgt Ion:112 Resp: 166998

Ion Ratio Lower Upper

112 100

64 70.2 39.7 59.5#

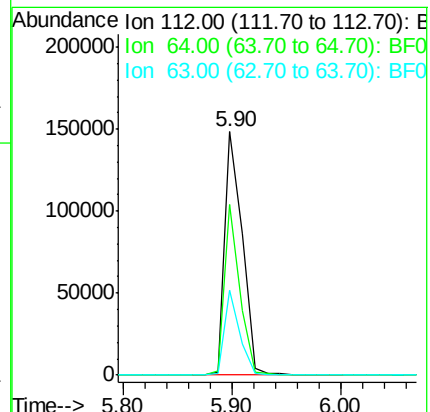
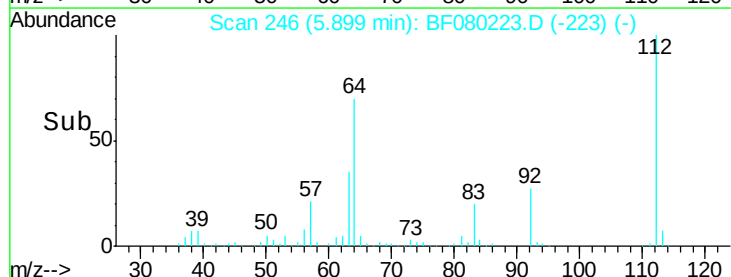
63 35.1 17.4 26.0#

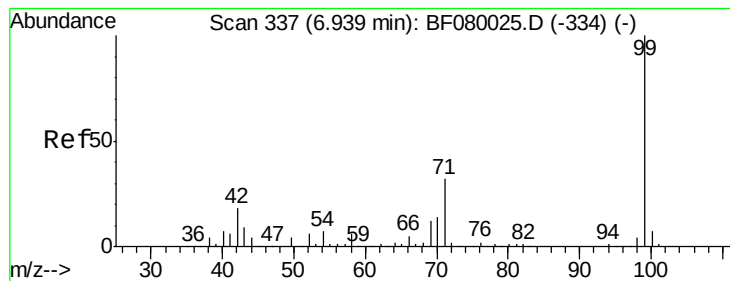


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.45 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080223.D

Acq: 30 Jun 2015 1:17

Instrument :

BNA_F

ClientSampleId :

SBHT2

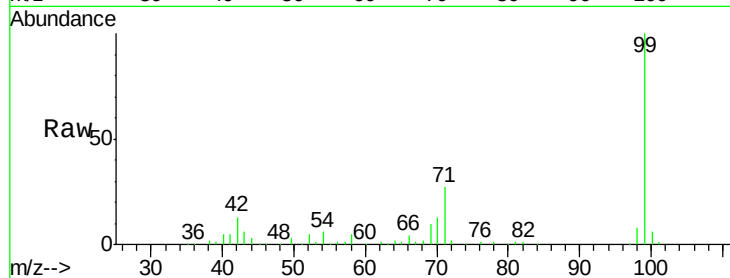
Tgt Ion: 99 Resp: 221726

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

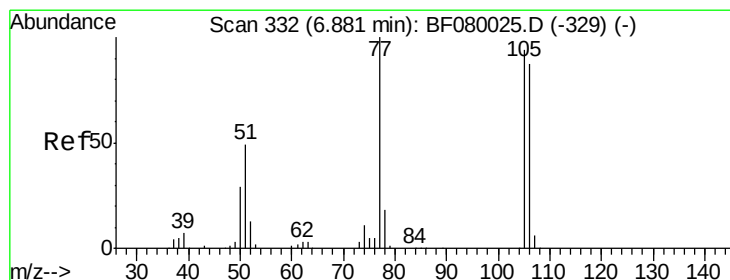
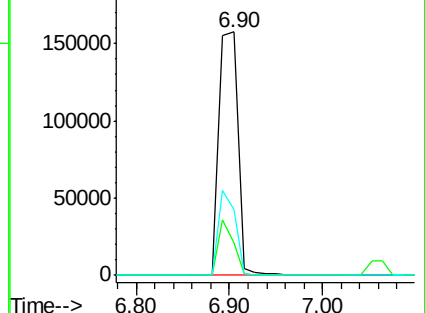
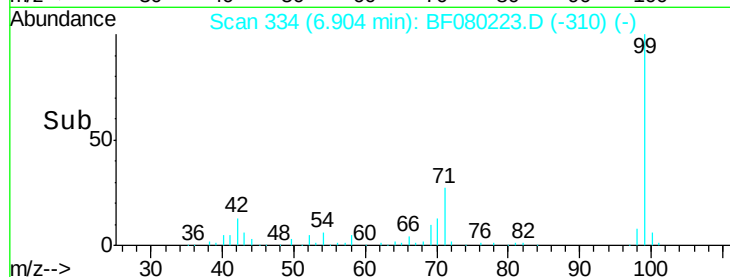
71 26.9 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.26 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.19 min

Lab File: BF080223.D

Acq: 30 Jun 2015 1:17

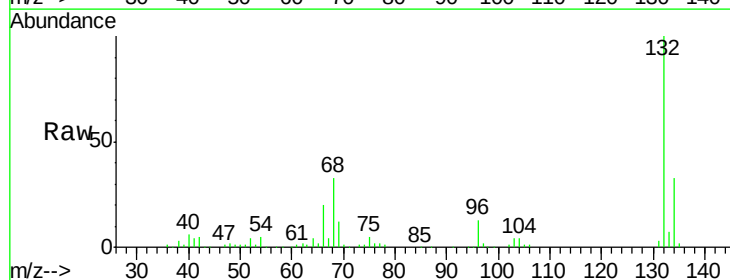
Tgt Ion: 77 Resp: 3878

Ion Ratio Lower Upper

77 100

105 85.0 91.6 131.6#

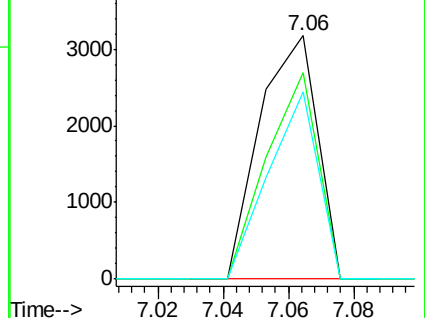
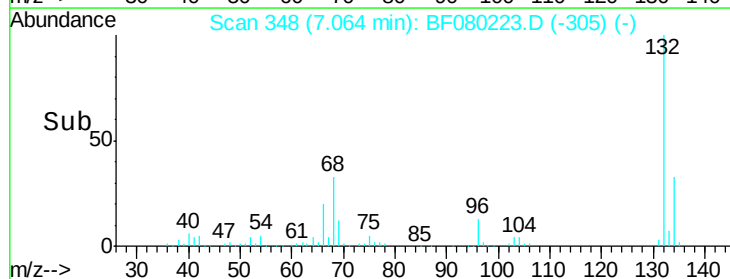
106 77.1 102.6 142.6#

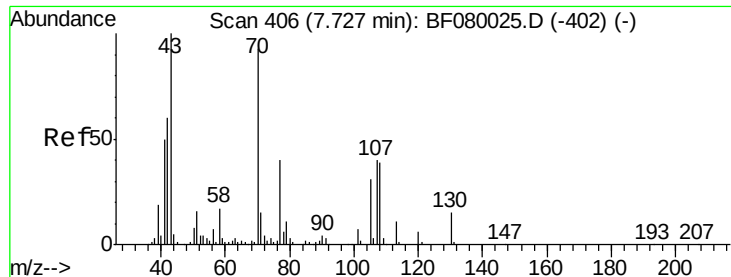


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

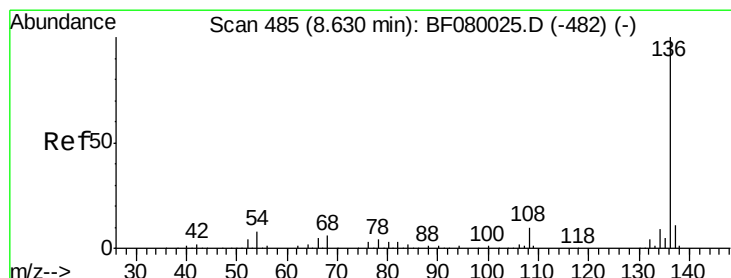
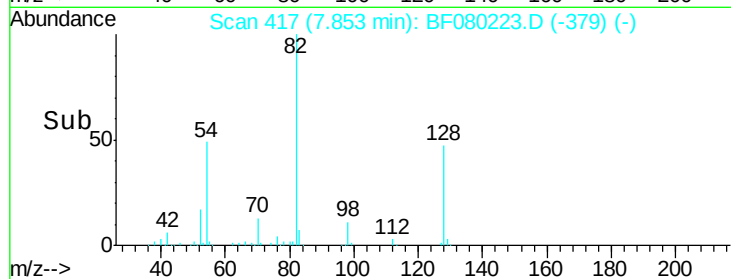
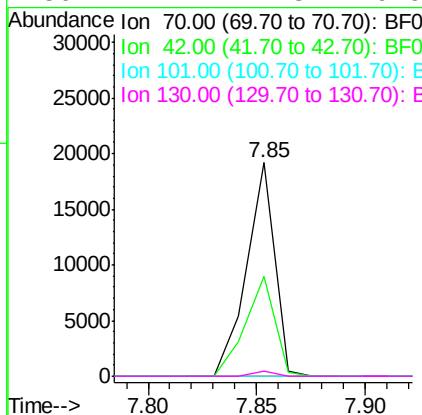
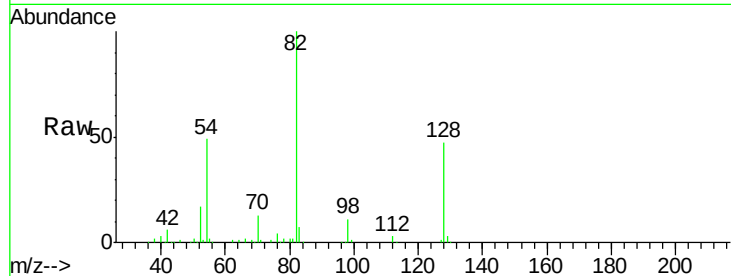




#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080223.D
Acq: 30 Jun 2015 1:17

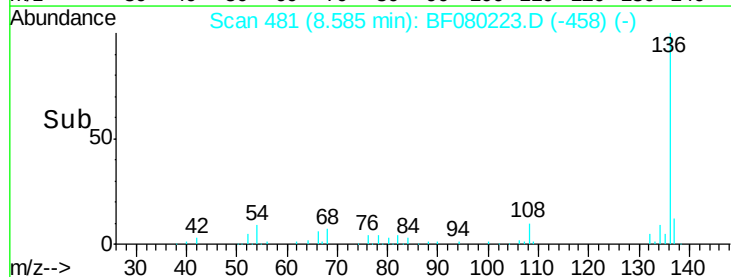
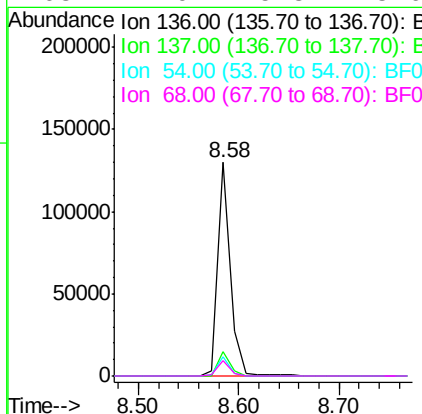
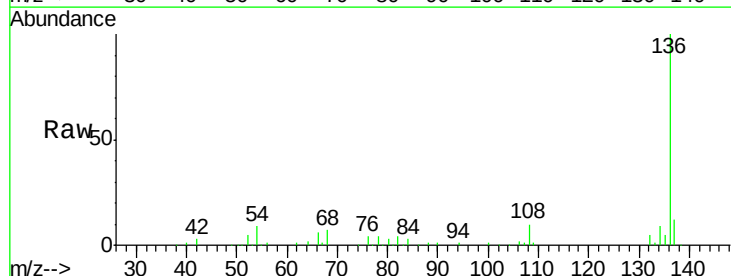
Instrument :
BNA_F
ClientSampleId :
SBHT2

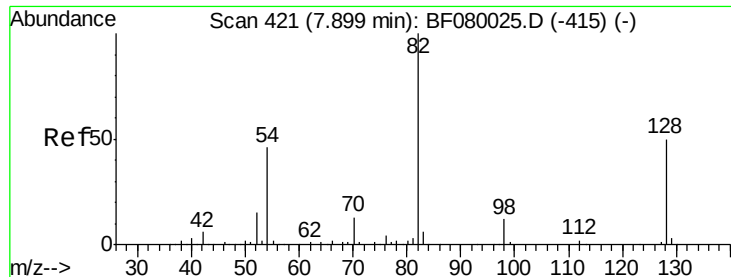
Tgt Ion: 70 Resp: 17214
Ion Ratio Lower Upper
70 100
42 46.9 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080223.D
Acq: 30 Jun 2015 1:17

Tgt Ion: 136 Resp: 113072
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.3 8.2 12.2
68 7.0 5.8 8.6

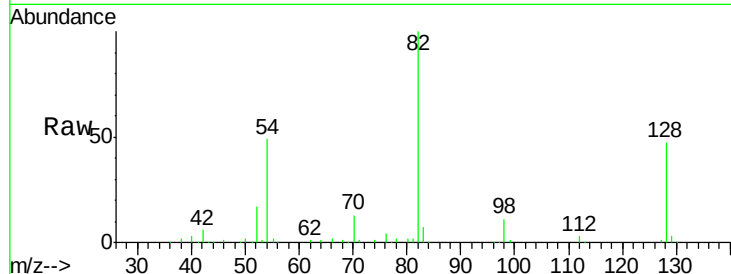




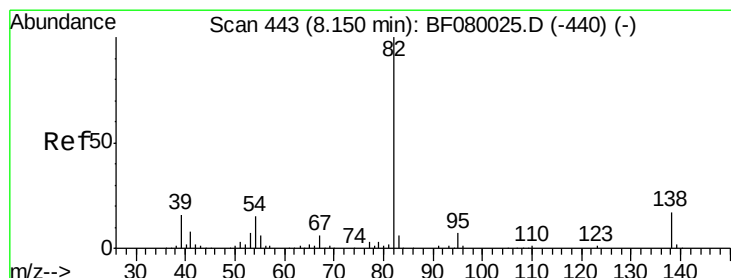
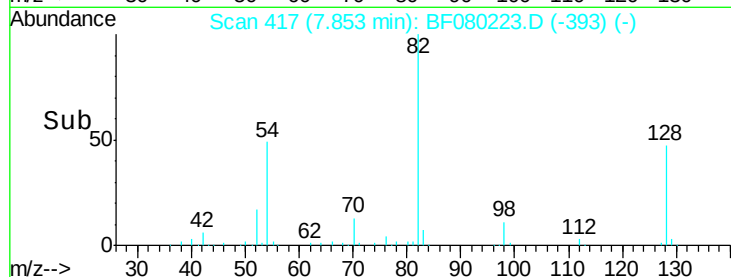
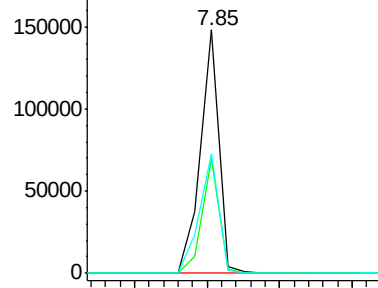
#23
 Nitrobenzene-d5
 Concen: 67.70 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SBHT2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	51.0	76.6#
54	49.3	47.5	71.3

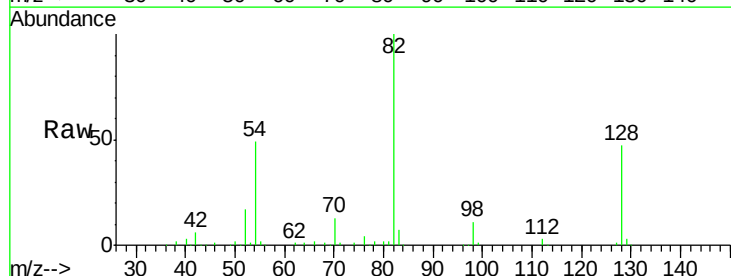


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

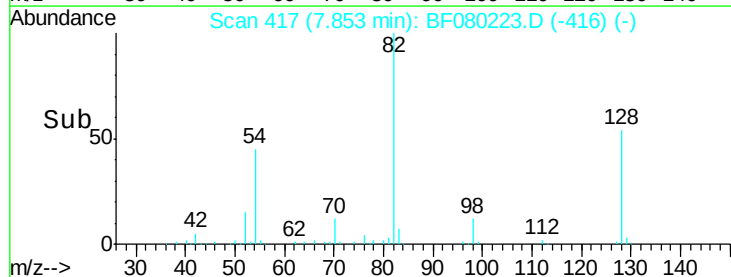
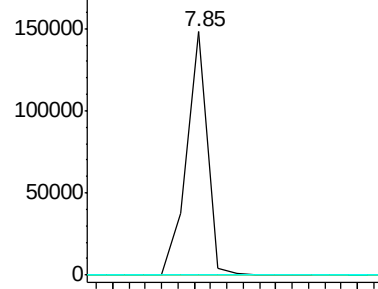


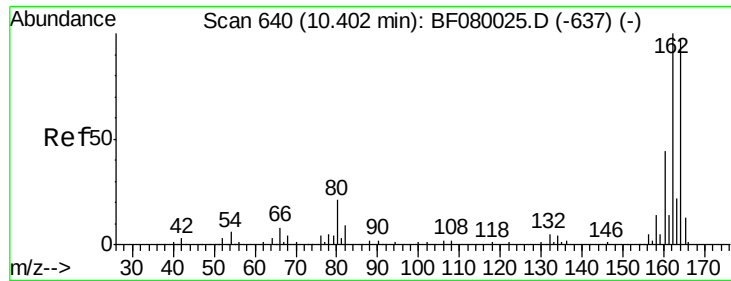
#25
 Isophorone
 Concen: 33.64 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.29 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Tgt 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): BF0

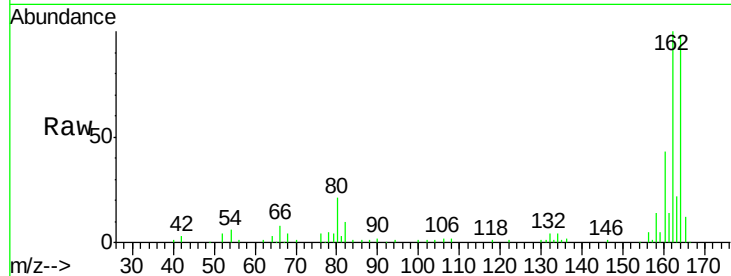




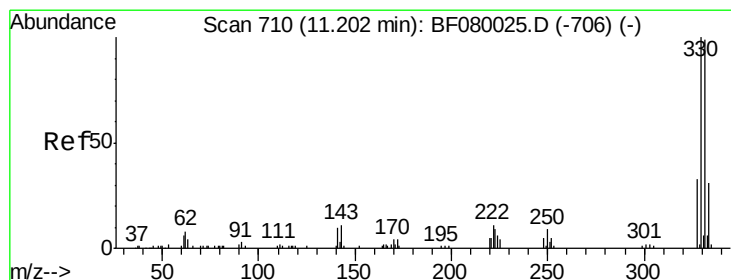
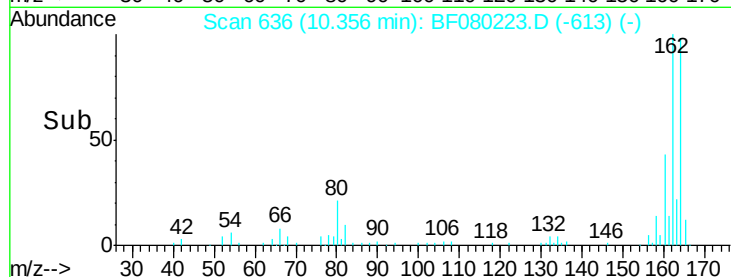
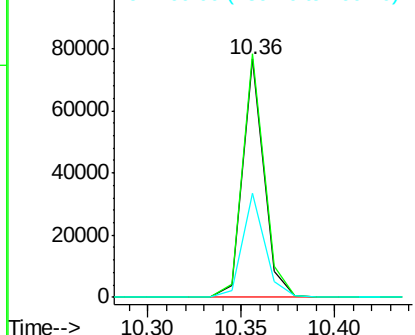
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SBHT2

Tgt Ion:164 Resp: 61088
 Ion Ratio Lower Upper
 164 100
 162 102.4 75.2 112.8
 160 44.0 31.5 47.3

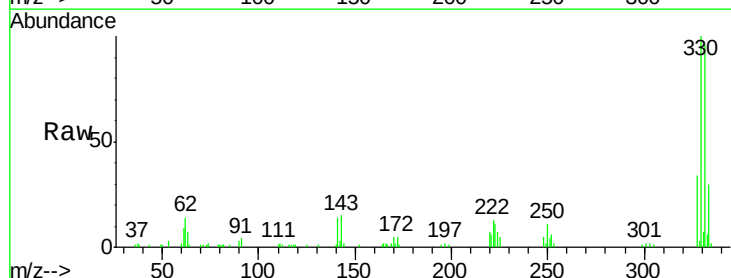


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

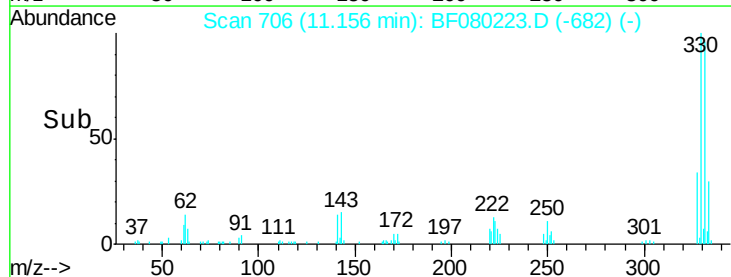
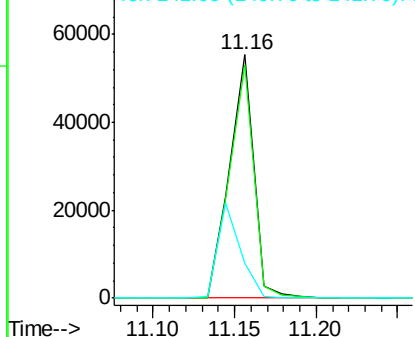


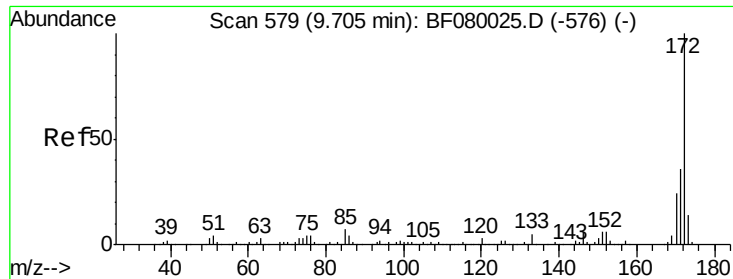
#41
 2,4,6-Tribromophenol
 Concen: 94.89 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Tgt Ion:330 Resp: 56681
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 36.9 29.7 44.5



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

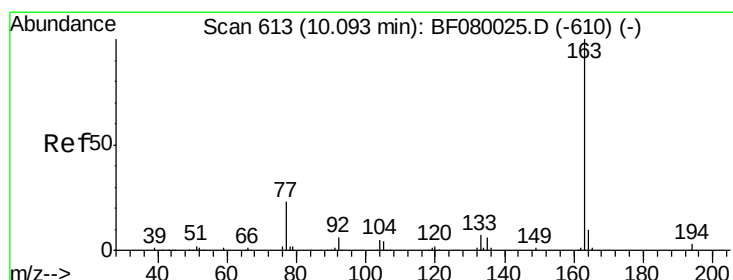
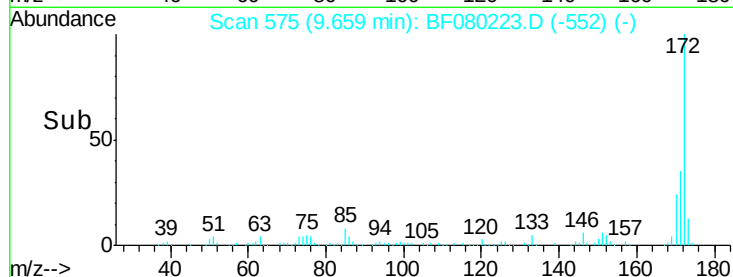
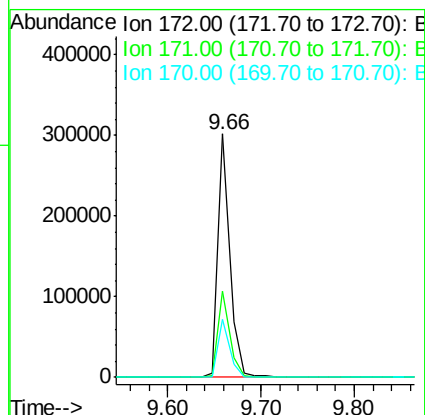
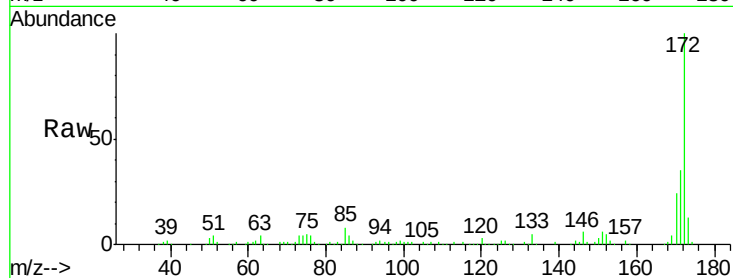




#44
2-Fluorobiphenyl
Concen: 62.06 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080223.D
Acq: 30 Jun 2015 1:17

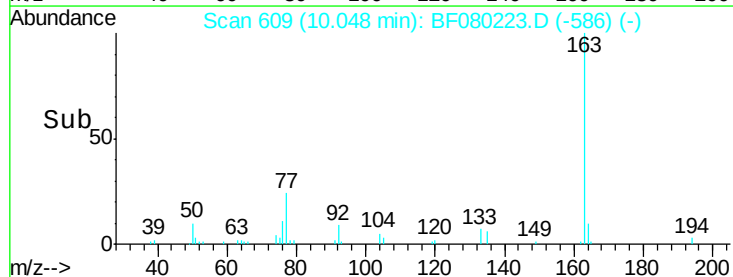
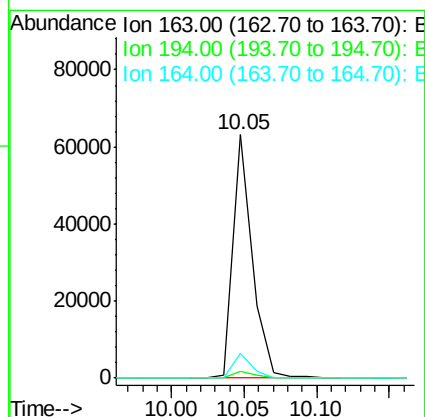
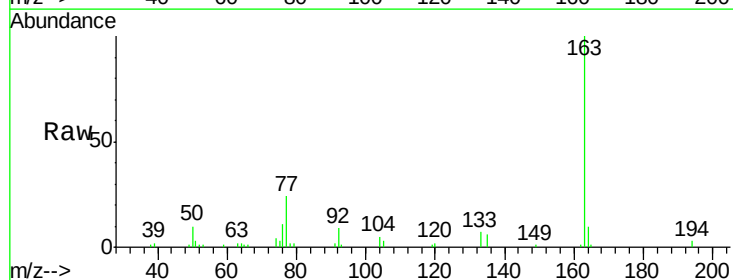
Instrument :
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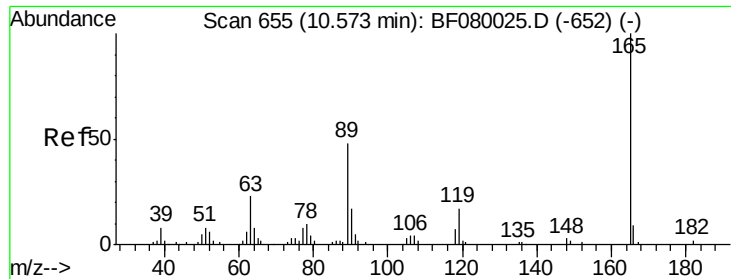
Tgt Ion:172 Resp: 265852
Ion Ratio Lower Upper
172 100
171 35.4 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 12.71 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080223.D
Acq: 30 Jun 2015 1:17

Tgt Ion:163 Resp: 58360
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.2 8.3 12.5

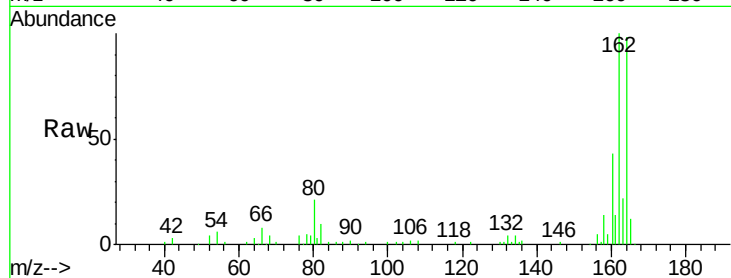




#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SBHT2

Tgt Ion:	165	Resp:	7727
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#

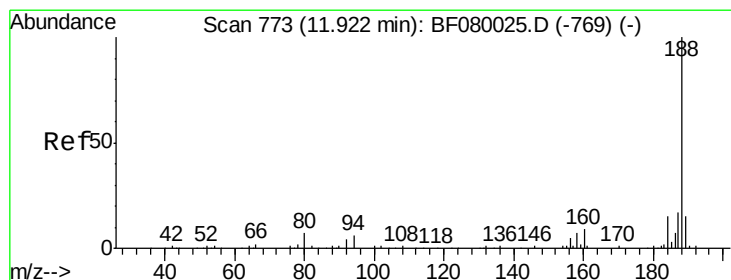
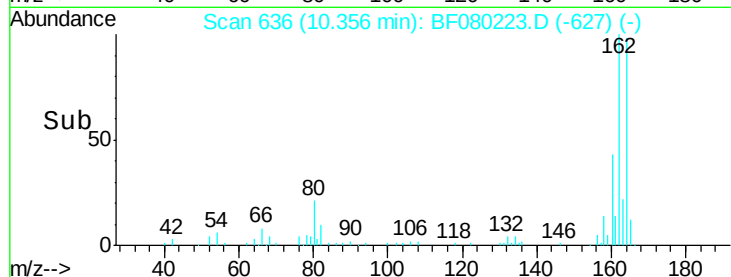
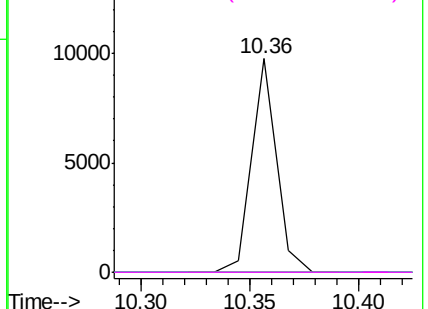


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

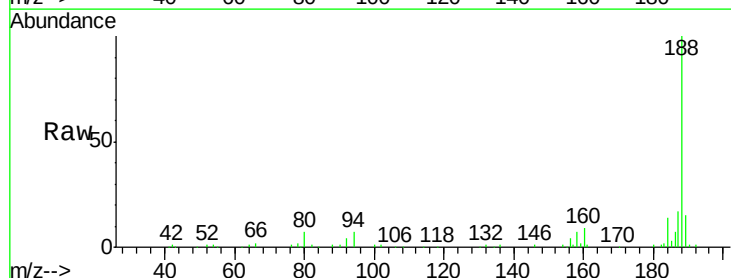
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

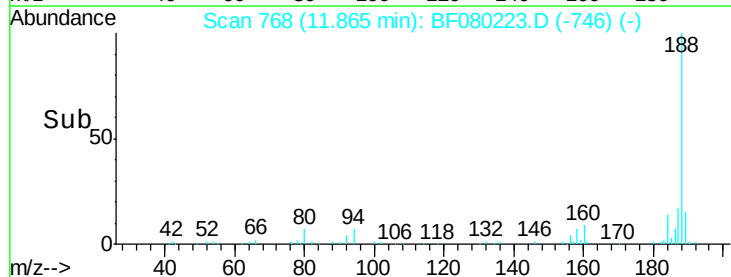
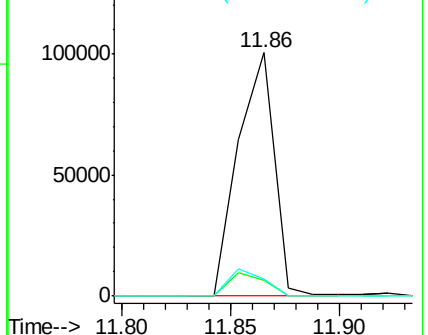
Tgt Ion:	188	Resp:	116210
Ion	Ratio	Lower	Upper
188	100		
94	6.7	11.1	16.7#
80	7.0	11.0	16.4#

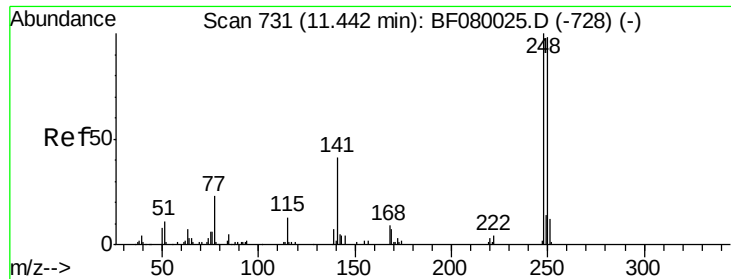


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

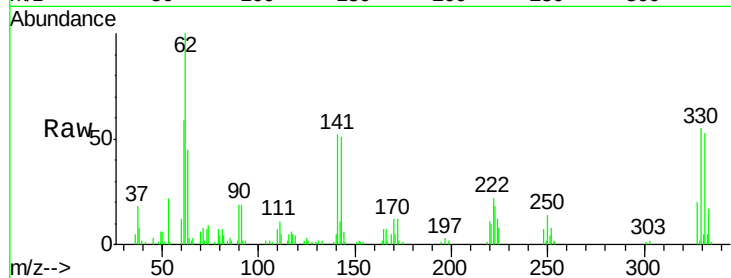




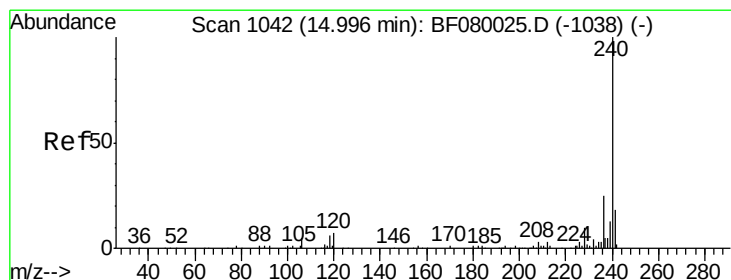
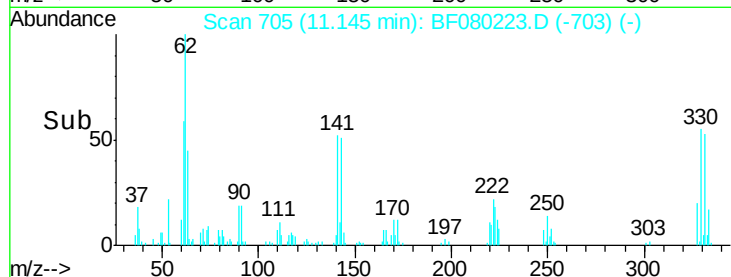
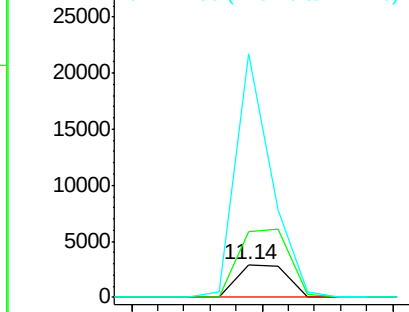
#66
 4-Bromophenyl-phenylether
 Concen: 3.16 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Instrument :
 BNA_F
 ClientSampled :
 SBHT2

Tgt Ion: 248 Resp: 3901
 Ion Ratio Lower Upper
 248 100
 250 200.0 78.5 117.7#
 141 740.5 59.0 88.6#

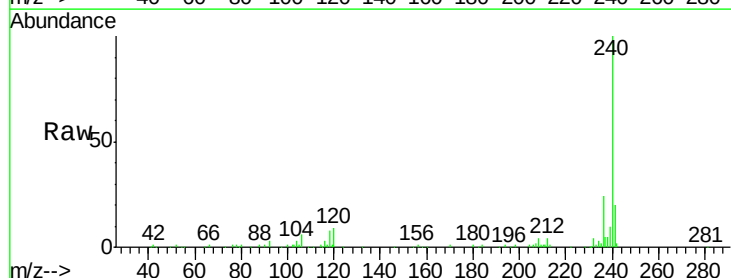


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

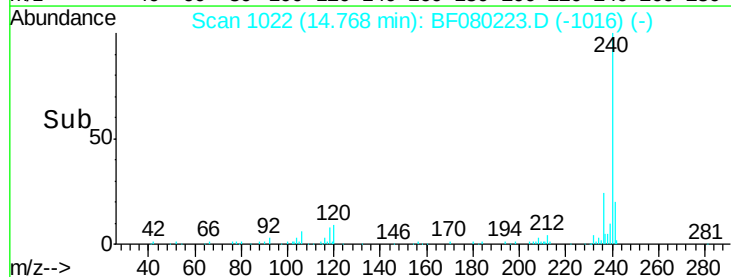
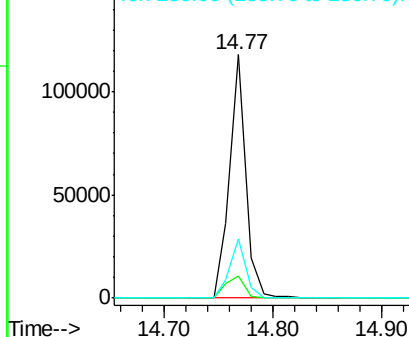


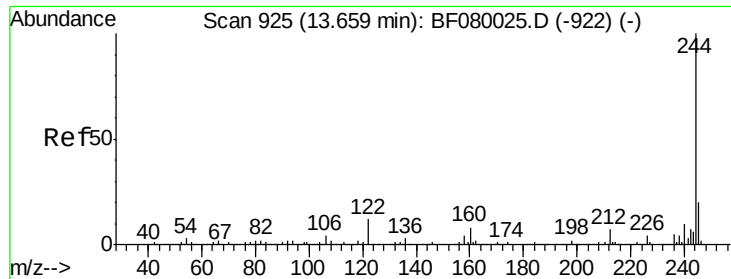
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.23 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Tgt Ion: 240 Resp: 122265
 Ion Ratio Lower Upper
 240 100
 120 9.0 16.2 24.2#
 236 24.4 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

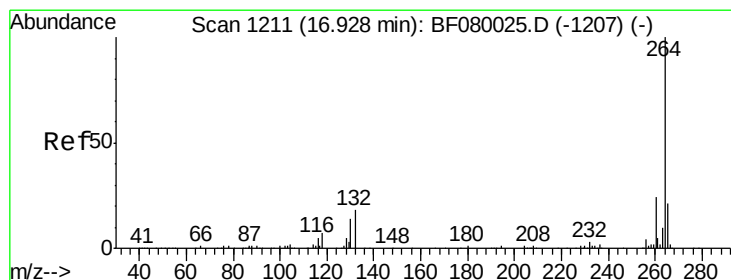
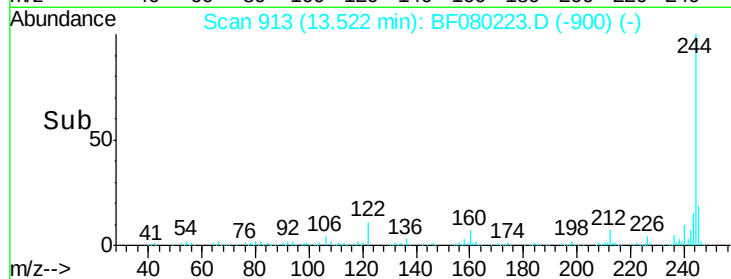
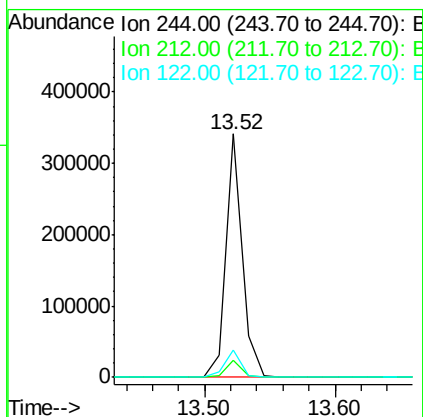
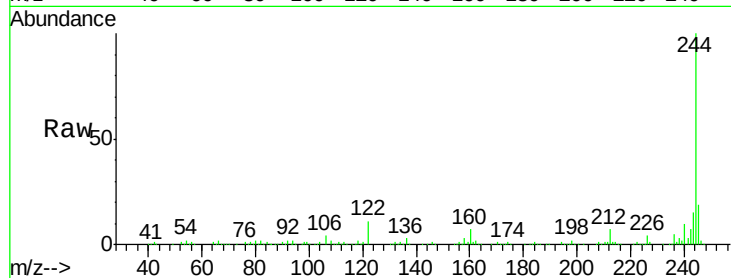




#78
 Terphenyl-d14
 Concen: 56.85 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SBHT2

Tgt Ion:244 Resp: 297599
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 11.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1183
 Delta R.T. -0.32 min
 Lab File: BF080223.D
 Acq: 30 Jun 2015 1:17

Tgt Ion:264 Resp: 120208
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 20.9 17.2 25.8

