

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080117.D
 Acq On : 23 Jun 2015 4:23
 Operator : TP/IZ
 Sample : G2715-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-10

Quant Time: Jun 23 05:01:21 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

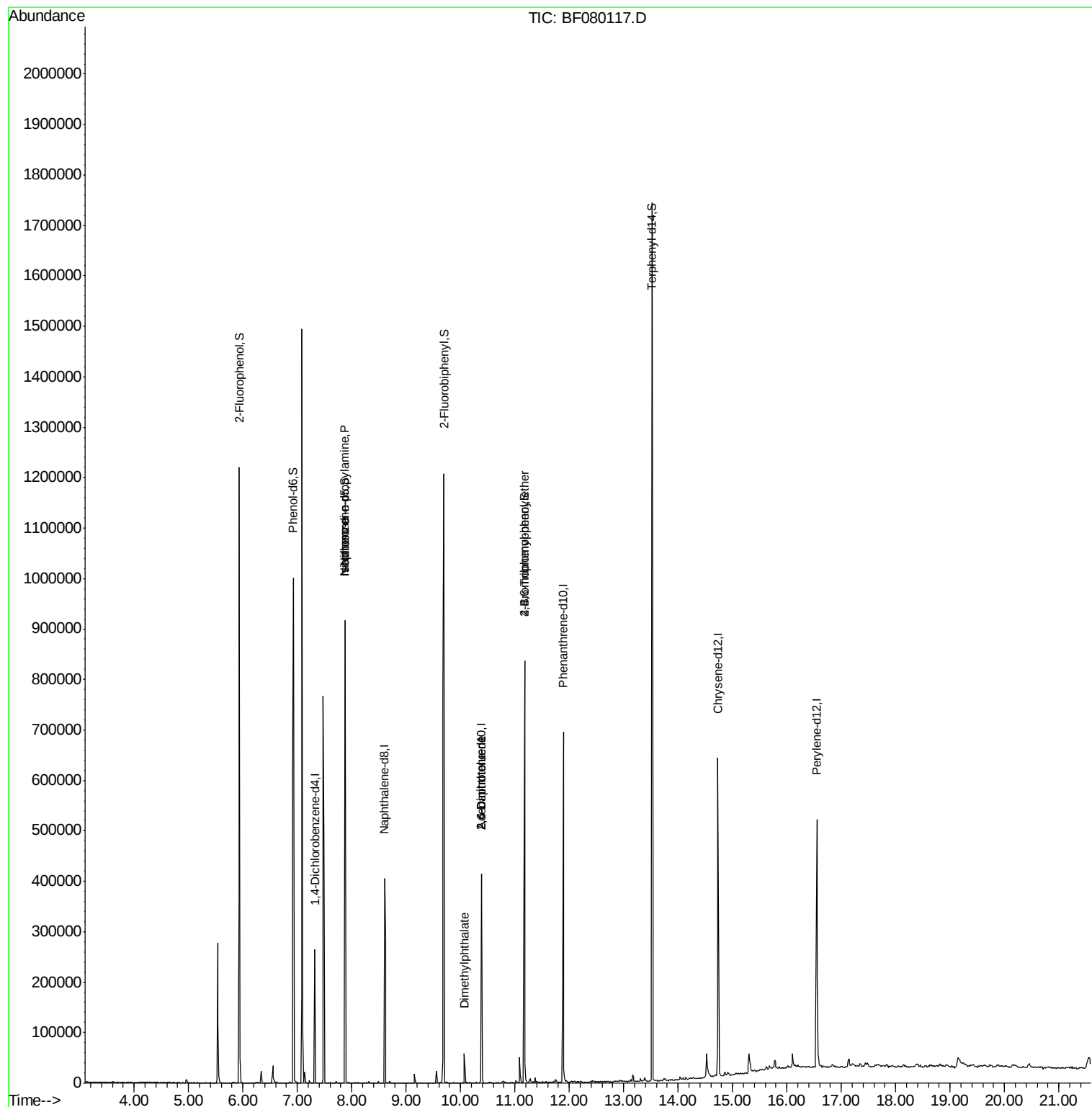
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	59556	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	233746	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	119807	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	260084	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	271746	20.00	ng	-0.26
86) Perylene-d12	16.55	264	267238	20.00	ng	-0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	325526	96.76	ng	0.00
7) Phenol-d6	6.93	99	421813	94.22	ng	0.00
23) Nitrobenzene-d5	7.88	82	252340	62.85	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	108407	92.53	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	485135	57.75	ng	0.00
78) Terphenyl-d14	13.52	244	560407	48.16	ng	-0.15
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	32210	10.36	ng	# 61
25) Isophorone	7.88	82	252332	31.23	ng	# 58
49) Dimethylphthalate	10.07	163	28036	3.11	ng	# 96
50) 2,6-Dinitrotoluene	10.38	165	14926	8.27	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	14922	6.51	ng	# 31
66) 4-Bromophenyl-phenylether	11.18	248	7851	2.84	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: BF080117.D

Acq: 23 Jun 2015 4:23

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-10

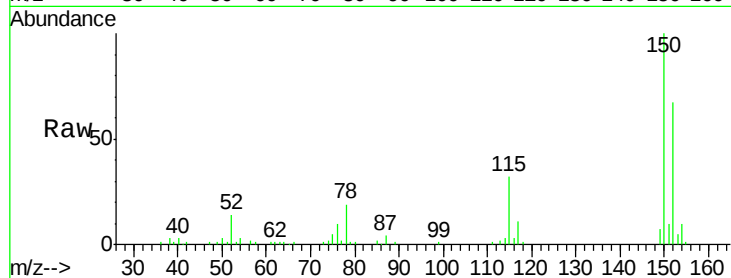
Tgt Ion:152 Resp: 59556

Ion Ratio Lower Upper

152 100

150 148.4 124.7 187.1

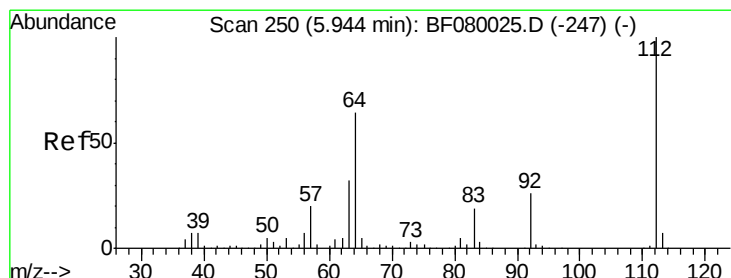
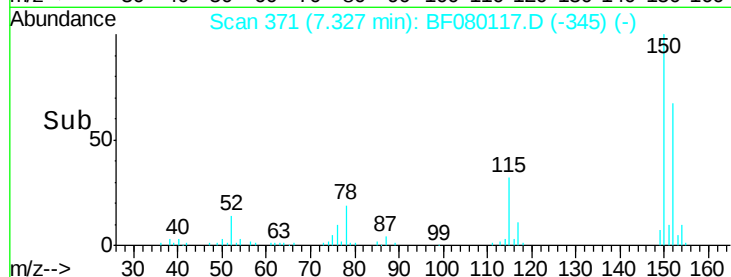
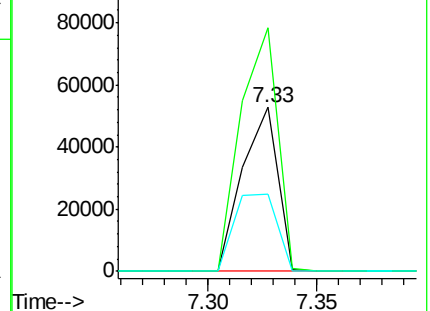
115 47.3 39.0 58.4



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: 96.76 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

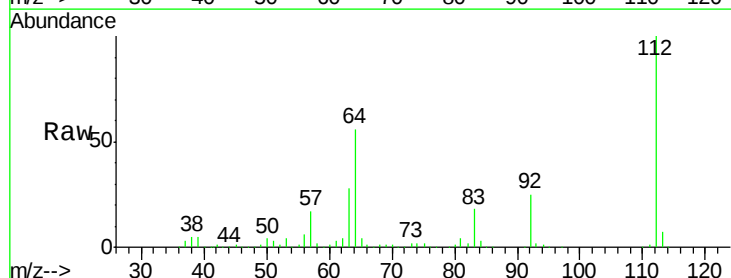
Tgt Ion:112 Resp: 325526

Ion Ratio Lower Upper

112 100

64 56.4 39.7 59.5

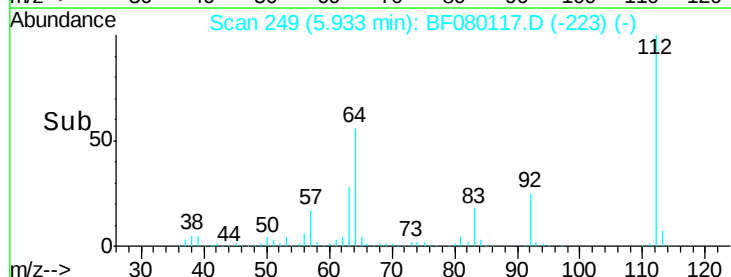
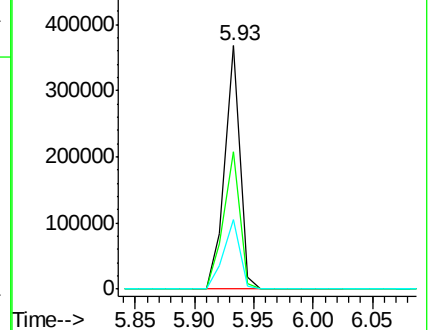
63 28.4 17.4 26.0#



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: 94.22 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-10

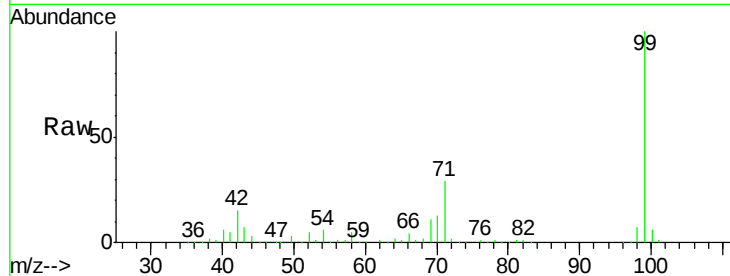
Tgt Ion: 99 Resp: 421813

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

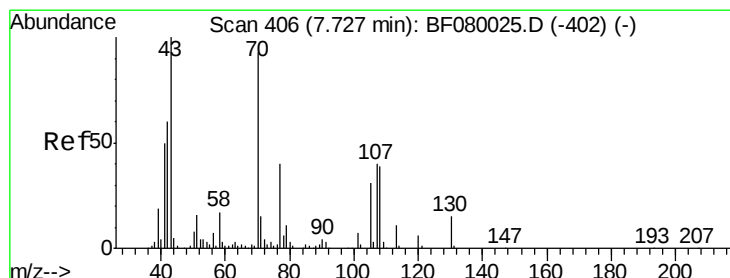
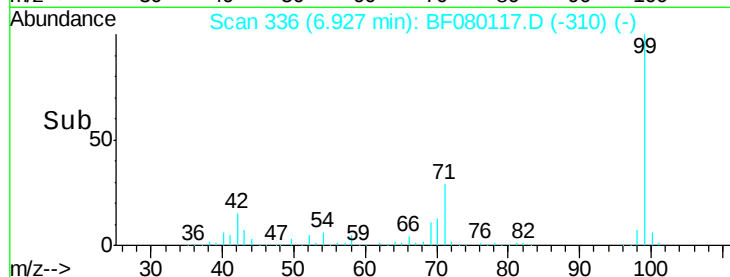
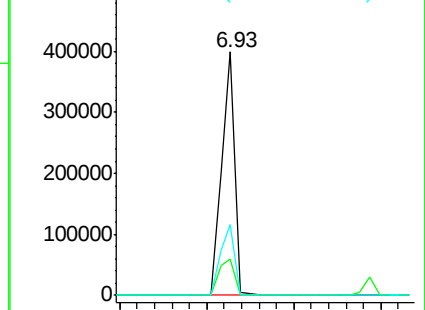
71 28.9 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.36 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

Tgt Ion: 70 Resp: 32210

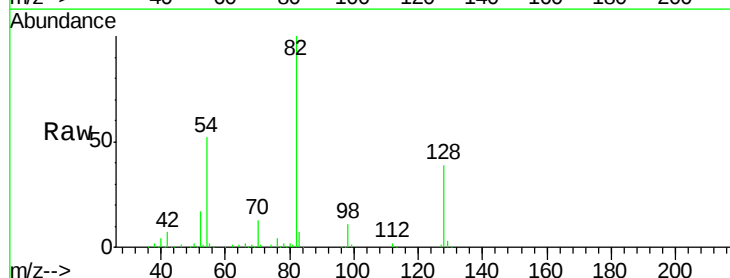
Ion Ratio Lower Upper

70 100

42 51.2 63.8 95.6#

101 0.0 9.2 13.8#

130 1.4 27.3 40.9#

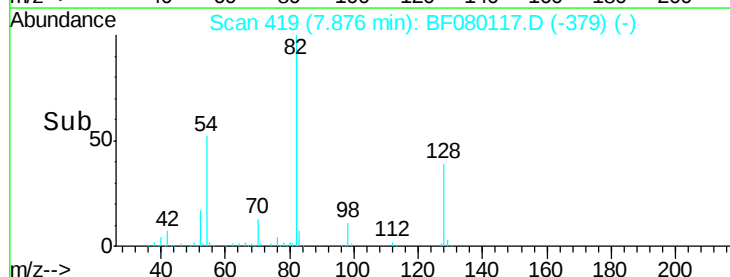
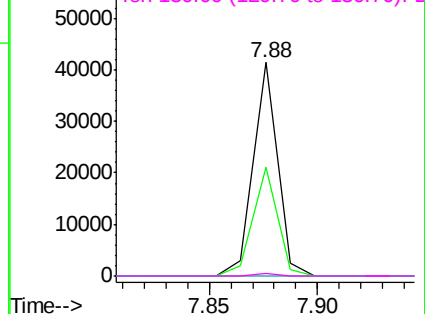


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-10

Tgt Ion: 136 Resp: 233746

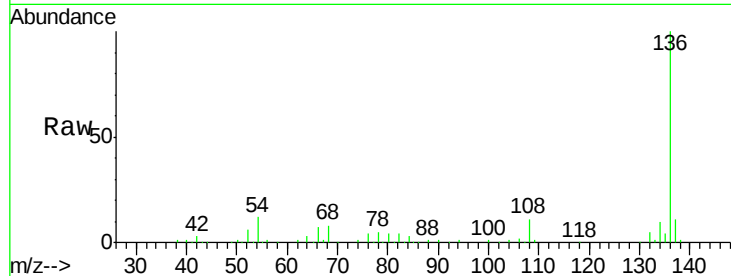
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.7 8.2 12.2

68 8.5 5.8 8.6

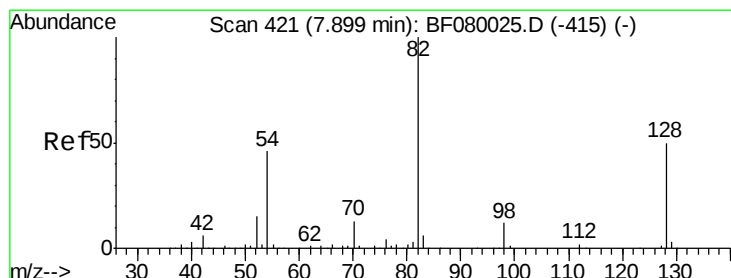
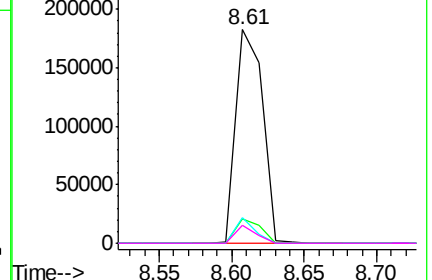
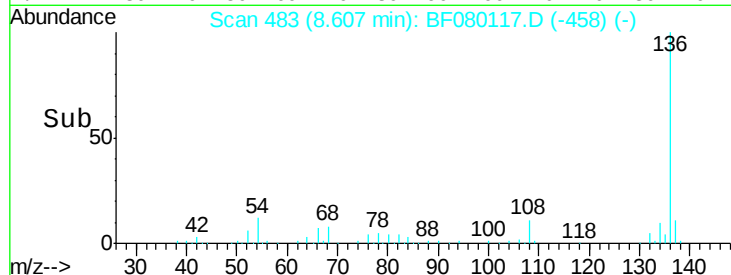


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.85 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

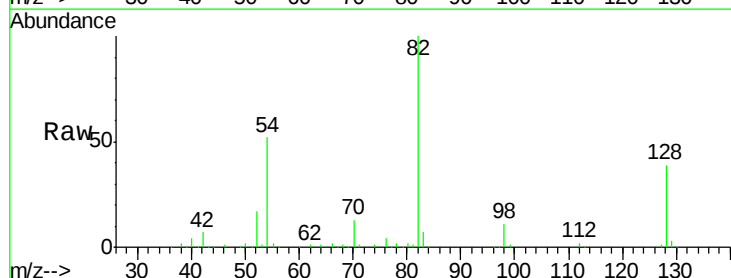
Tgt Ion: 82 Resp: 252340

Ion Ratio Lower Upper

82 100

128 38.9 51.0 76.6#

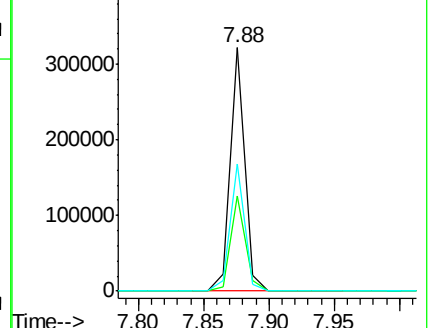
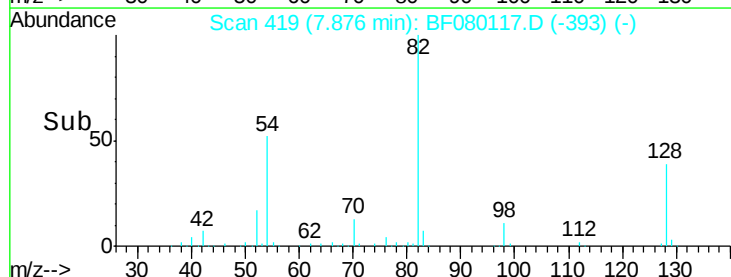
54 52.4 47.5 71.3

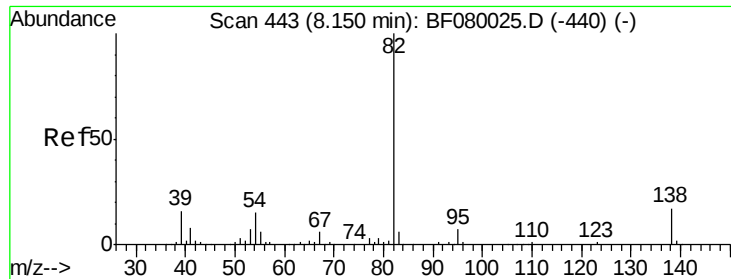


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.23 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-10

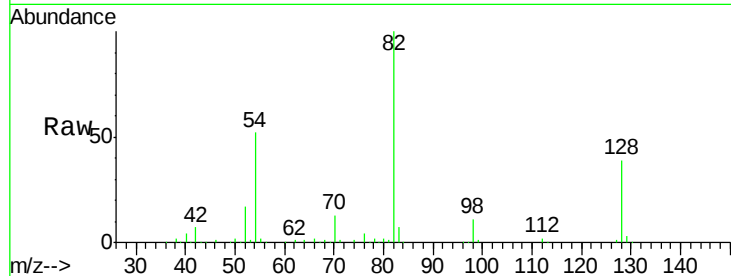
Tgt Ion: 82 Resp: 252332

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

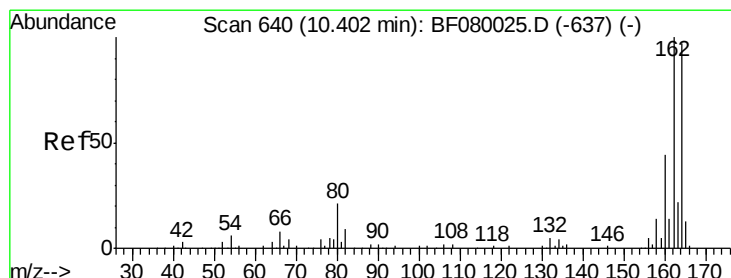
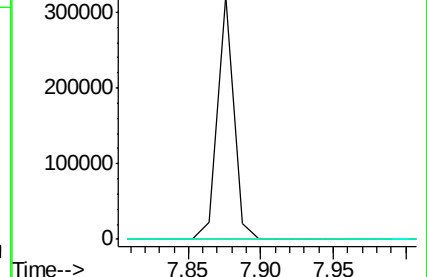
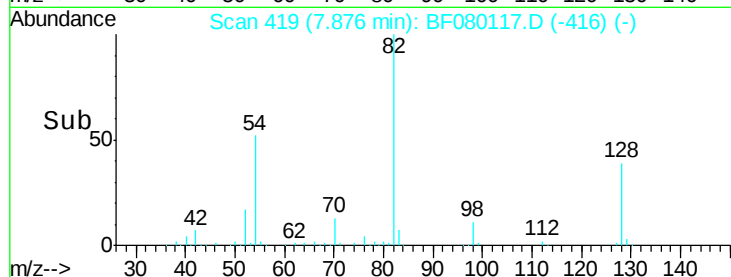
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF080117.D (-419) (-)

Ion 95.00 (94.70 to 95.70): BF080117.D (-419) (-)

Ion 138.00 (137.70 to 138.70): BF080117.D (-419) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

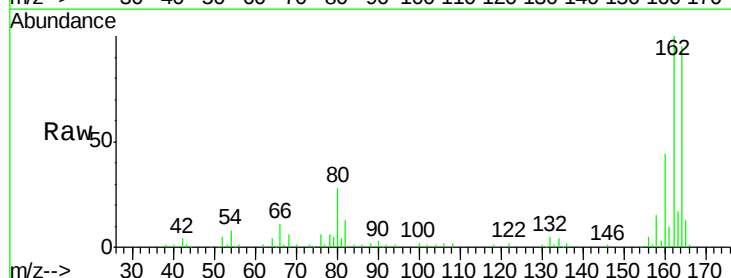
Tgt Ion: 164 Resp: 119807

Ion Ratio Lower Upper

164 100

162 105.5 75.2 112.8

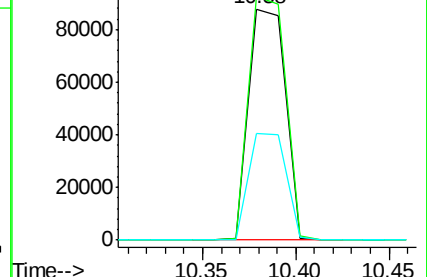
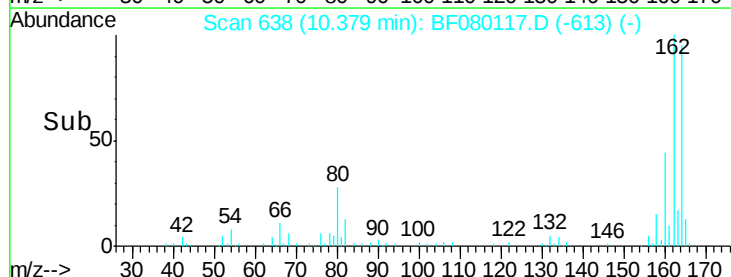
160 46.0 31.5 47.3

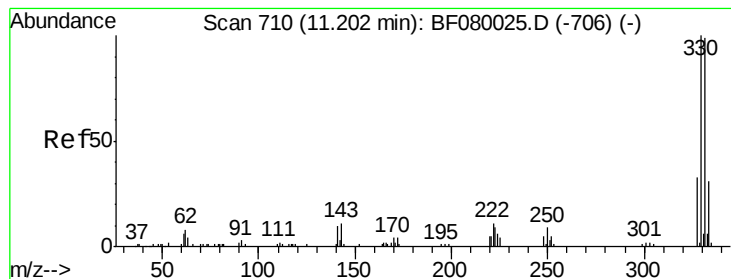


Abundance Ion 164.00 (163.70 to 164.70): BF080117.D (-638) (-)

Ion 162.00 (161.70 to 162.70): BF080117.D (-638) (-)

Ion 160.00 (159.70 to 160.70): BF080117.D (-638) (-)

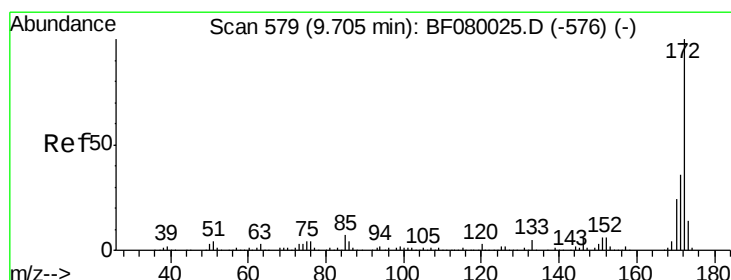
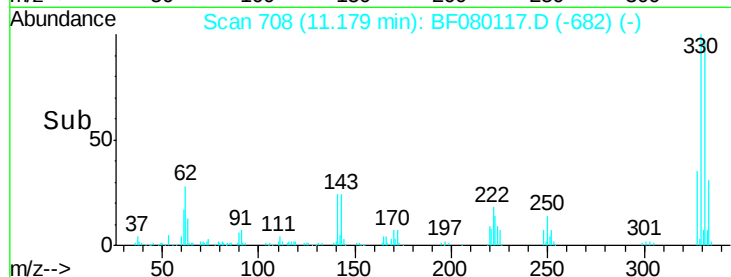
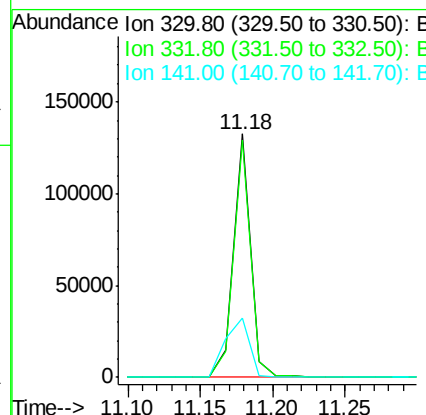
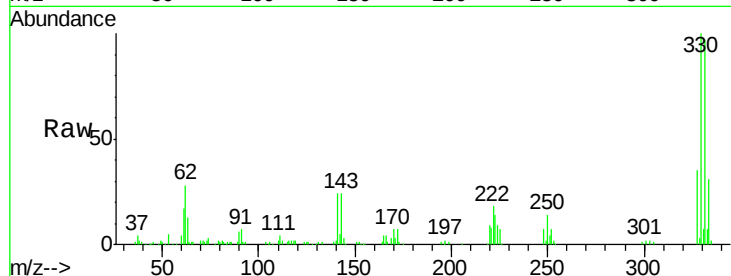




#41
 2,4,6-Tribromophenol
 Concen: 92.53 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080117.D
 Acq: 23 Jun 2015 4:23

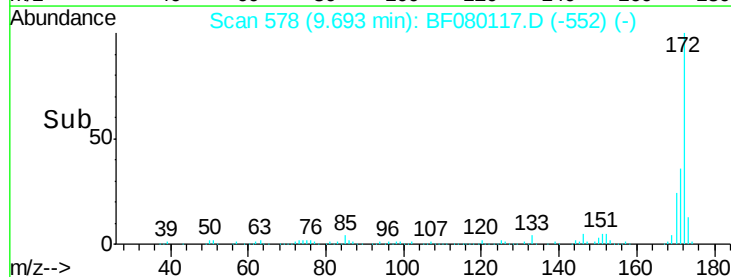
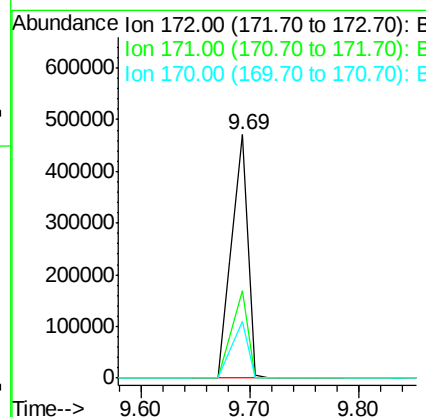
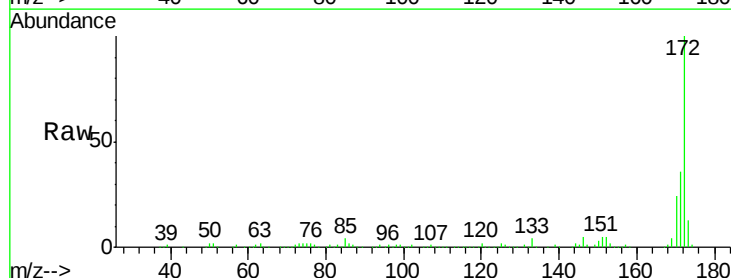
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-10

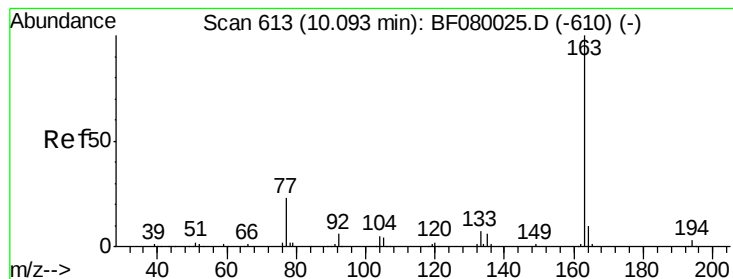
Tgt Ion:330 Resp: 108407
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 35.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 57.75 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080117.D
 Acq: 23 Jun 2015 4:23

Tgt Ion:172 Resp: 485135
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.5 17.4 26.2





#49

Dimethylphthalate

Concen: 3.11 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-10

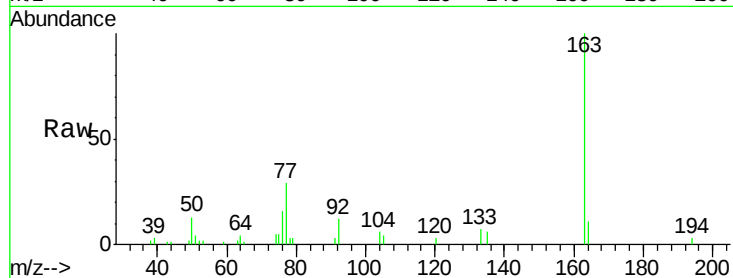
Tgt Ion:163 Resp: 28036

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

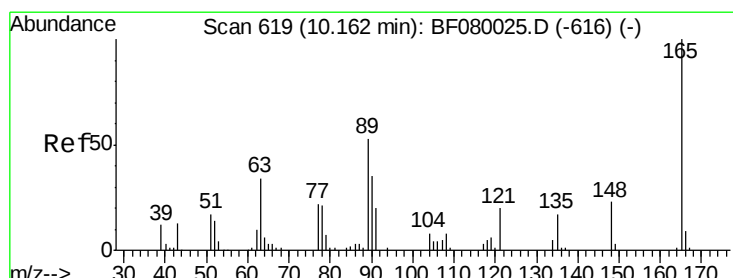
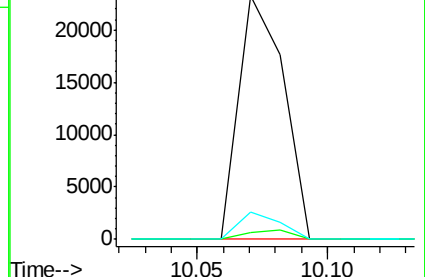
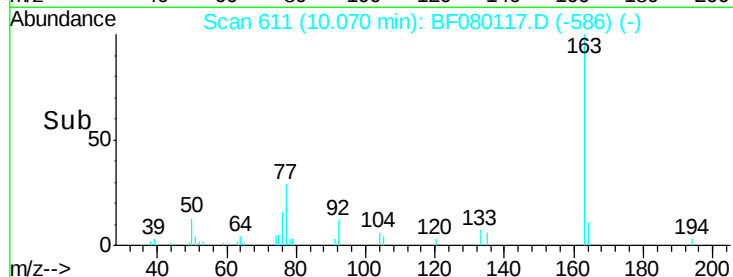
164 11.2 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.27 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.23 min

Lab File: BF080117.D

Acq: 23 Jun 2015 4:23

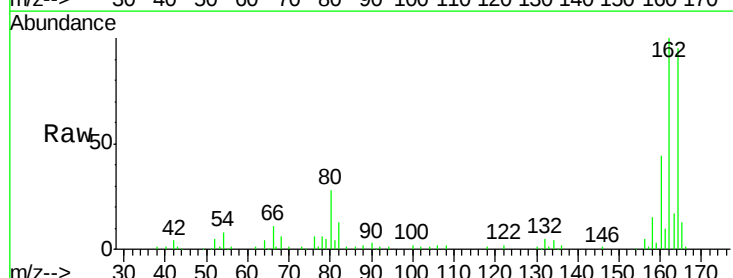
Tgt Ion:165 Resp: 14926

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

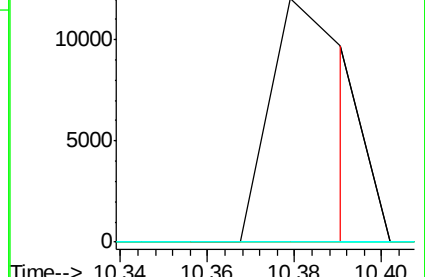
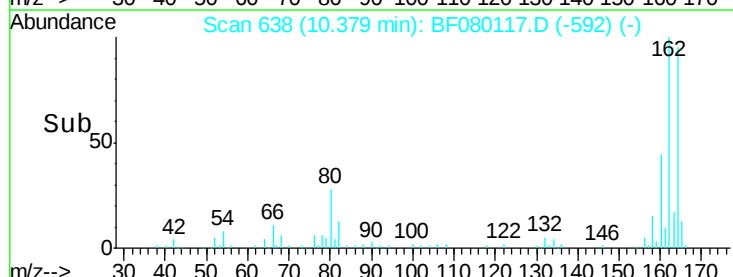
89 0.0 28.6 43.0#

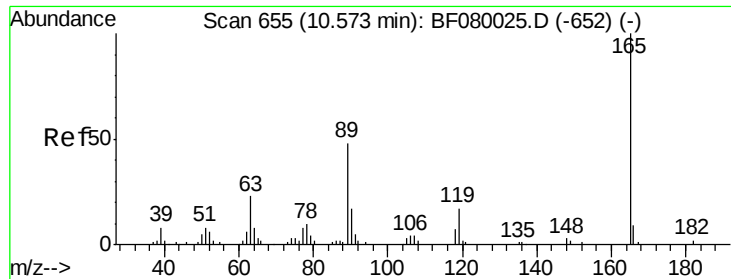


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

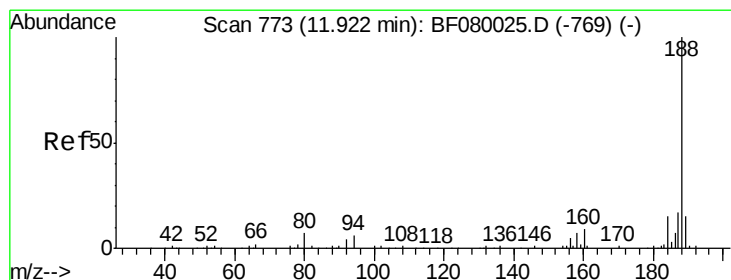
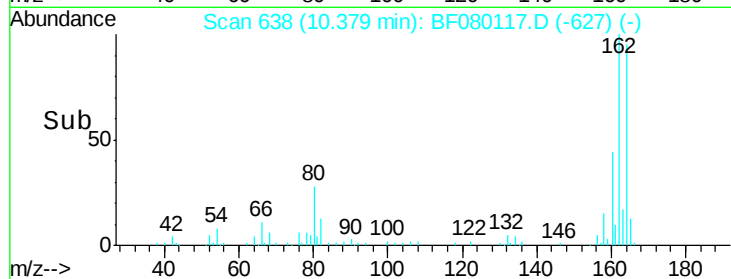
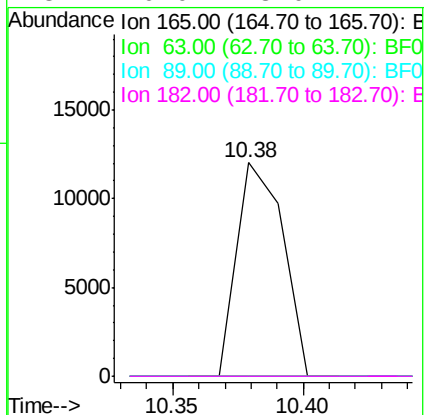
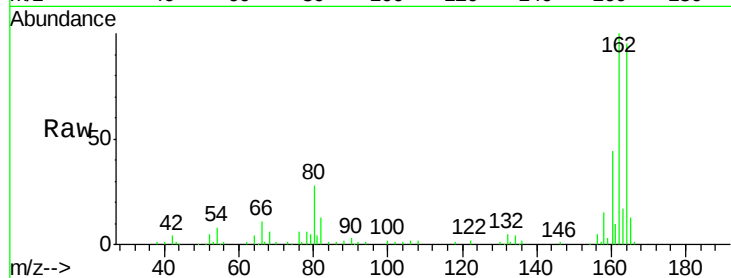




#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080117.D
Acq: 23 Jun 2015 4:23

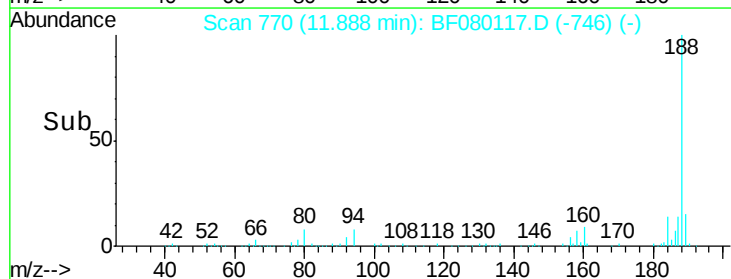
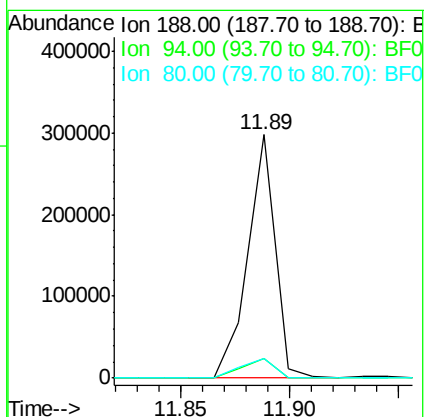
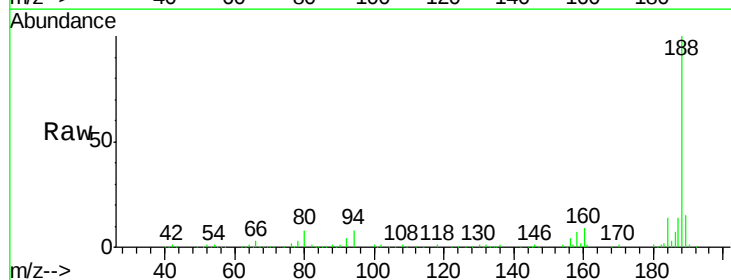
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-10

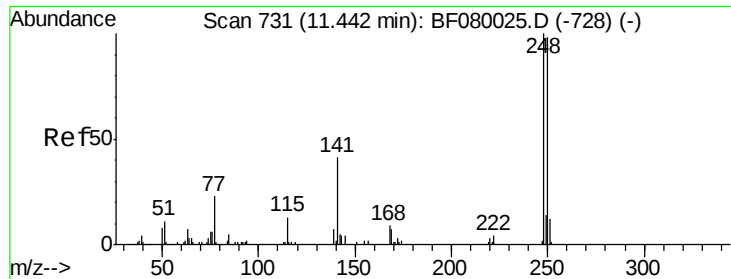
Tgt Ion:	165	Resp:	14922
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF080117.D
Acq: 23 Jun 2015 4:23

Tgt Ion:	188	Resp:	260084
Ion Ratio	Lower	Upper	
188	100		
94	7.9	11.1	16.7#
80	8.3	11.0	16.4#

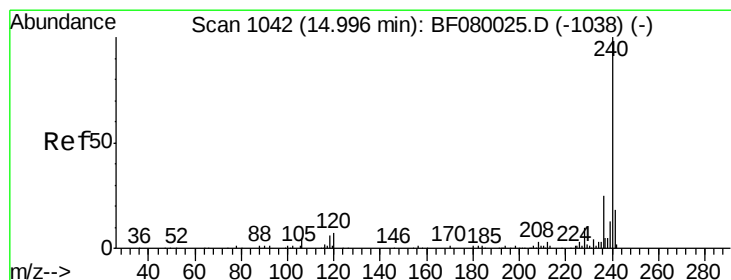
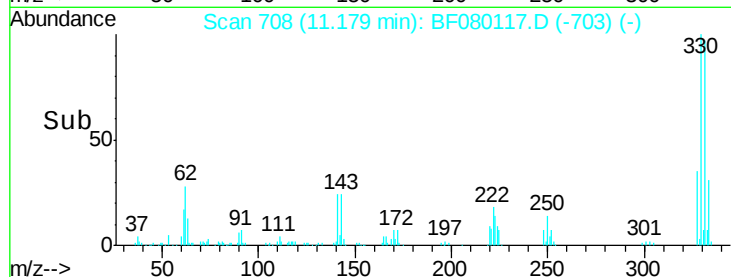
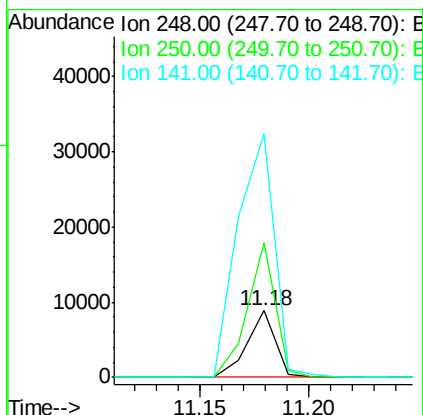
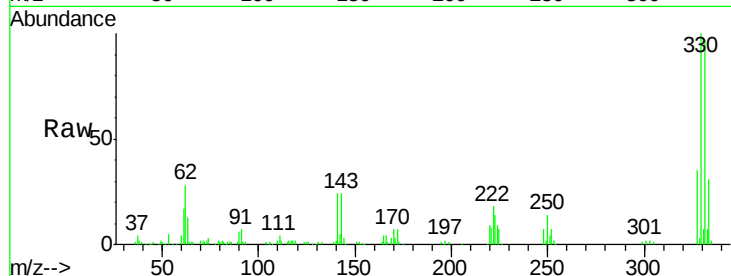




#66
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.24 min
Lab File: BF080117.D
Acq: 23 Jun 2015 4:23

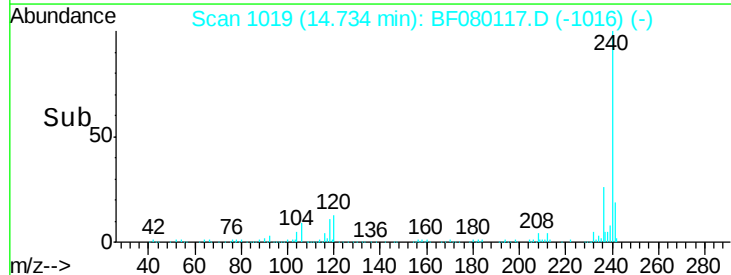
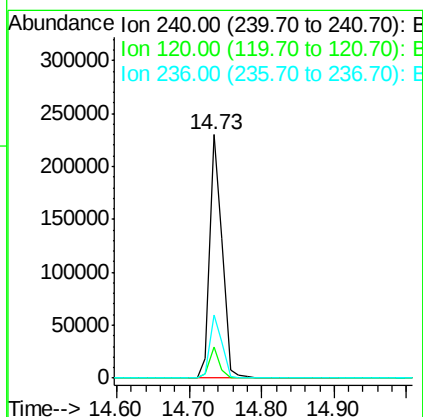
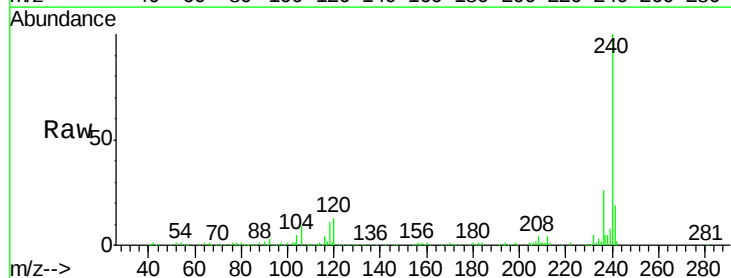
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-10

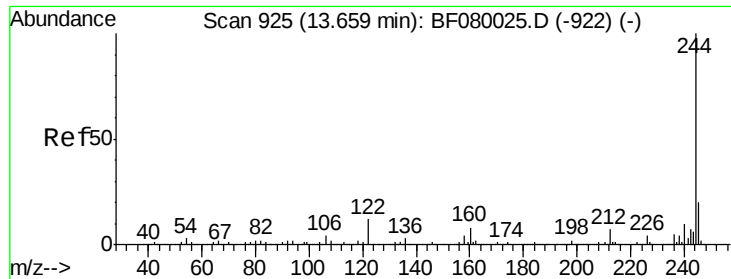
Tgt Ion:248 Resp: 7851
Ion Ratio Lower Upper
248 100
250 203.2 78.5 117.7#
141 366.5 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.26 min
Lab File: BF080117.D
Acq: 23 Jun 2015 4:23

Tgt Ion:240 Resp: 271746
Ion Ratio Lower Upper
240 100
120 13.0 16.2 24.2#
236 26.2 18.4 27.6

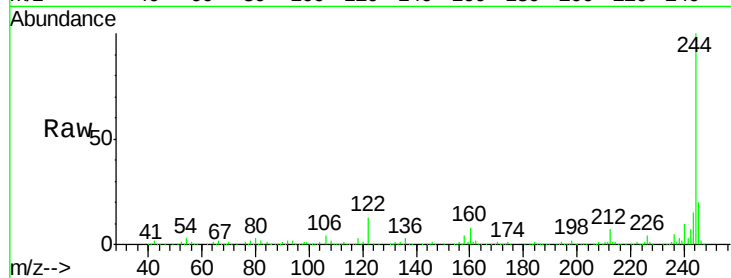




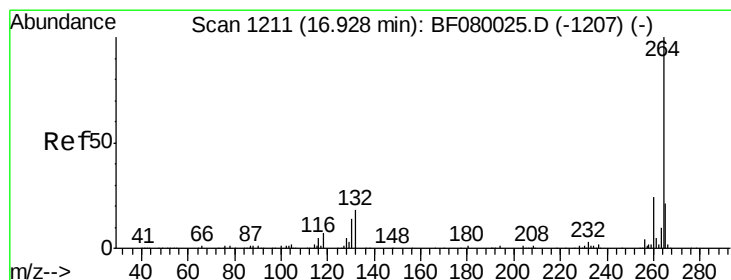
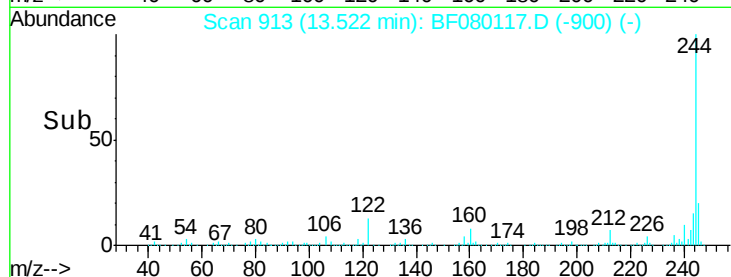
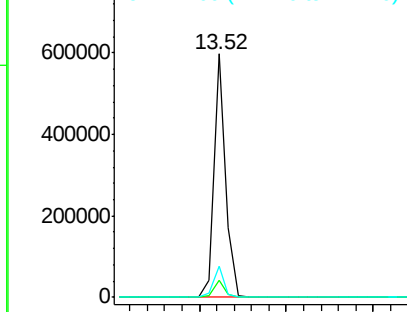
#78
 Terphenyl-d14
 Concen: 48.16 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080117.D
 Acq: 23 Jun 2015 4:23

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-10

Tgt Ion:244 Resp: 560407
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 12.9 17.4 26.2#

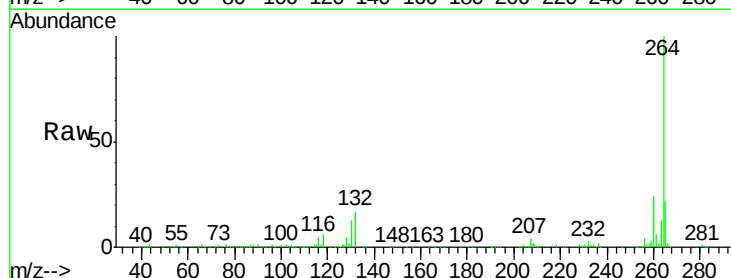


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.55 min Scan# 1178
 Delta R.T. -0.38 min
 Lab File: BF080117.D
 Acq: 23 Jun 2015 4:23

Tgt Ion:264 Resp: 267238
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 22.1 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

