

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080189.D
 Acq On : 26 Jun 2015 15:06
 Operator : TP/IZ
 Sample : G2809-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:29:06 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

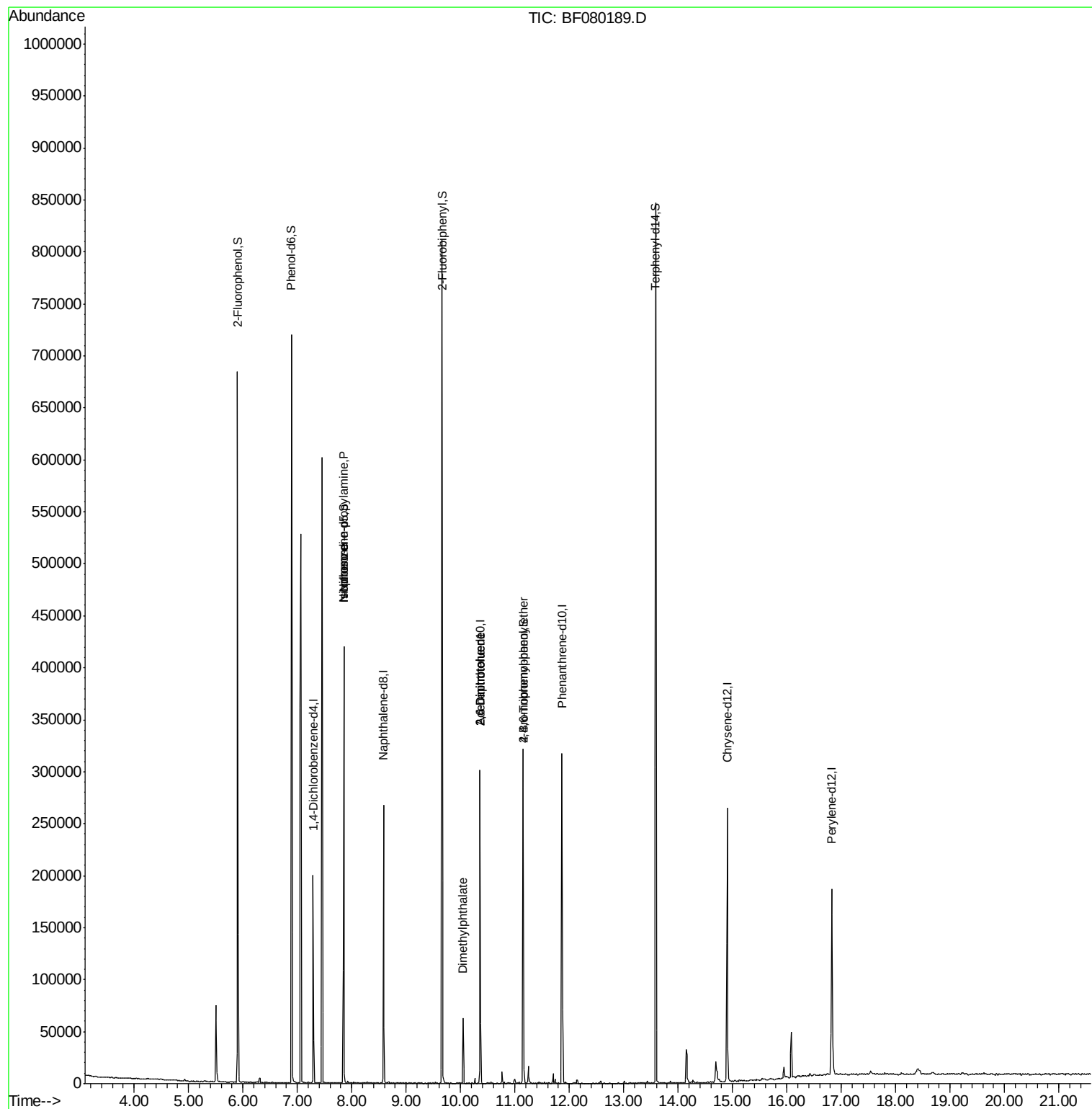
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28259	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	112304	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	57445	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	115358	20.00	ng	-0.05
75) Chrysene-d12	14.91	240	119835	20.00	ng	-0.09
86) Perylene-d12	16.83	264	113252	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	169266	106.03	ng	-0.03
7) Phenol-d6	6.89	99	223269	105.10	ng	-0.03
23) Nitrobenzene-d5	7.85	82	129764	67.27	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	52496	93.46	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	248785	61.76	ng	-0.03
78) Terphenyl-d14	13.59	244	304539	59.35	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	16521	11.20	ng	# 56
25) Isophorone	7.85	82	129784	33.43	ng	# 58
49) Dimethylphthalate	10.05	163	26153	6.06	ng	# 97
50) 2,6-Dinitrotoluene	10.36	165	7306	8.44	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	7307	6.65	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	3613	2.95	ng	# 1

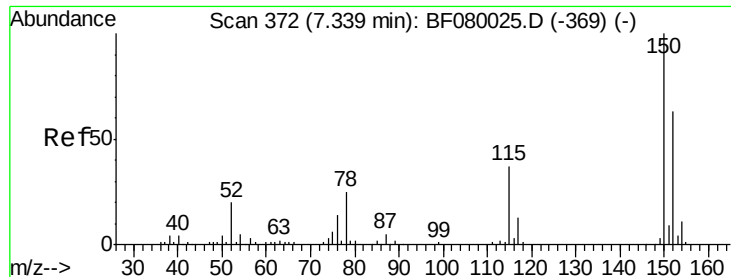
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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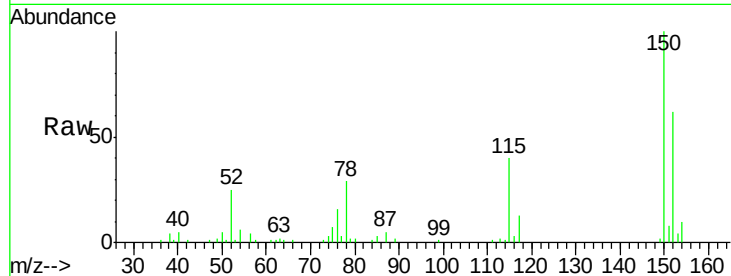


#1

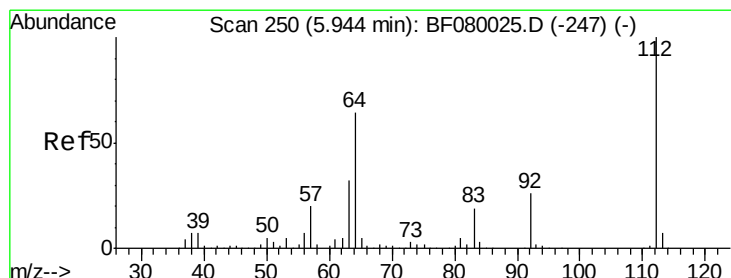
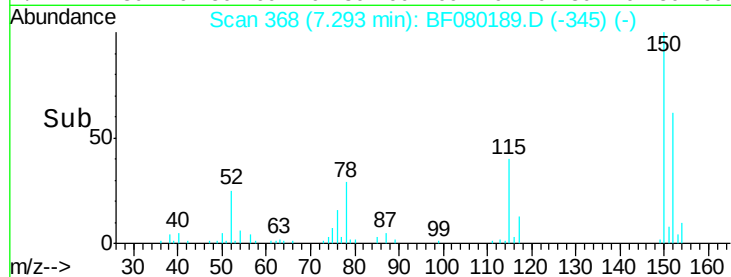
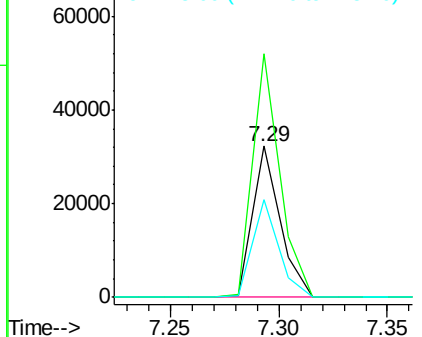
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28259
Ion Ratio Lower Upper
152 100
150 161.3 124.7 187.1
115 64.4 39.0 58.4#



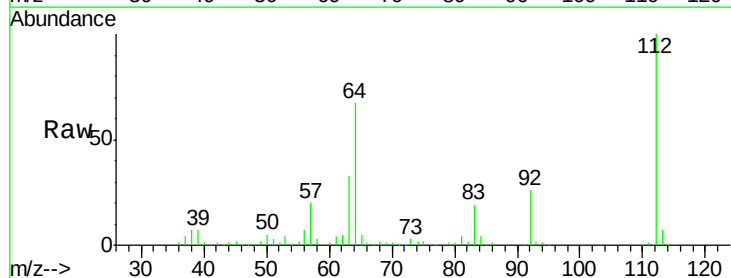
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



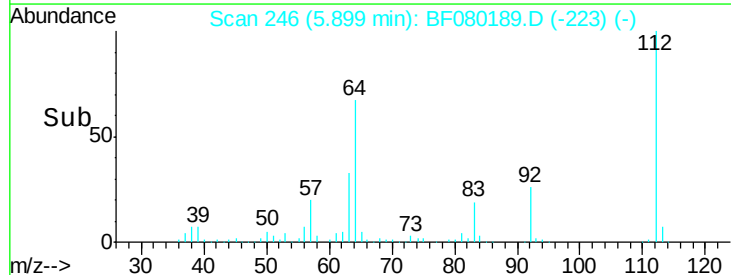
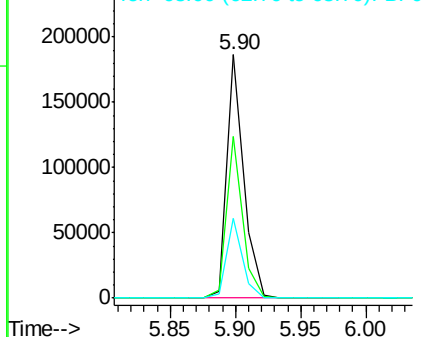
#5

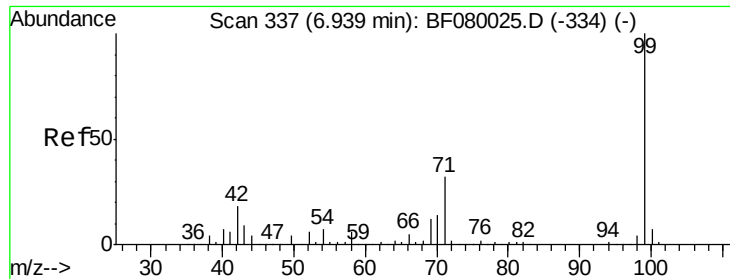
2-Fluorophenol
Concen: 106.03 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Tgt Ion:112 Resp: 169266
Ion Ratio Lower Upper
112 100
64 66.6 39.7 59.5#
63 32.8 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: 105.10 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080189.D

Acq: 26 Jun 2015 15:06

Instrument :

BNA_F

ClientSampleId :

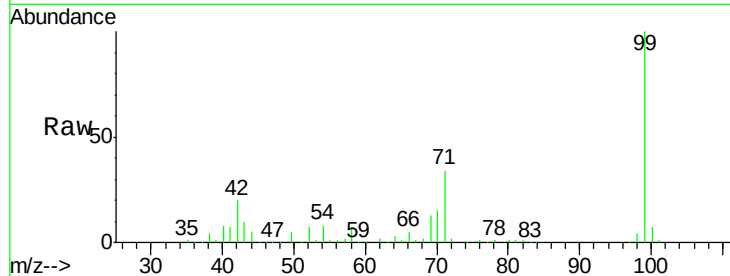
Tot Ion: 99 Resp: 223269

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

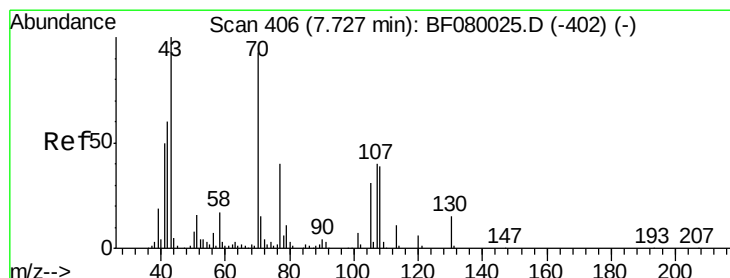
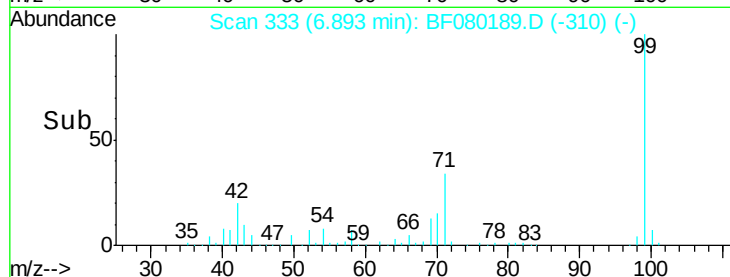
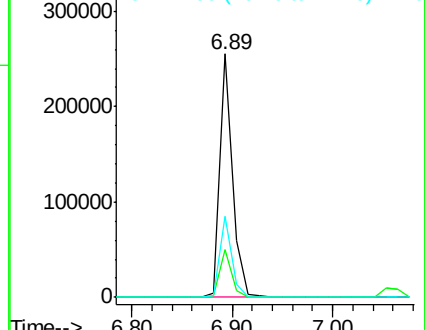
71 33.5 14.2 21.2#



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: 11.20 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080189.D

Acq: 26 Jun 2015 15:06

Tgt Ion: 70 Resp: 16521

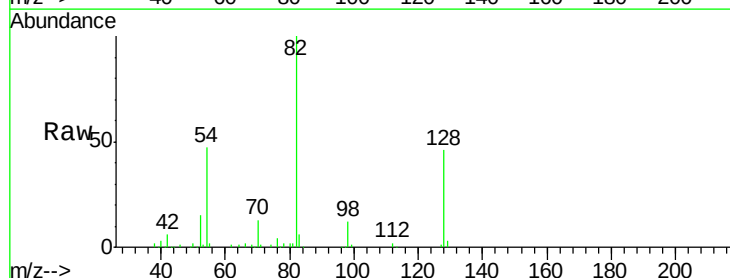
Ion Ratio Lower Upper

70 100

42 44.6 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

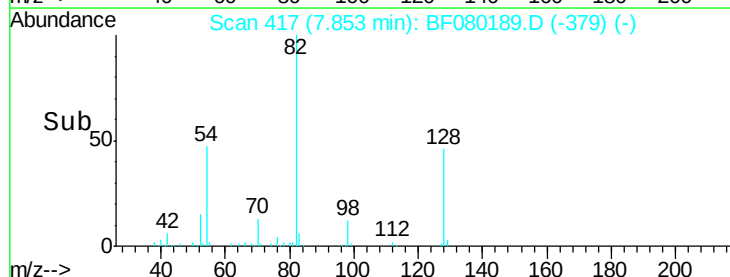
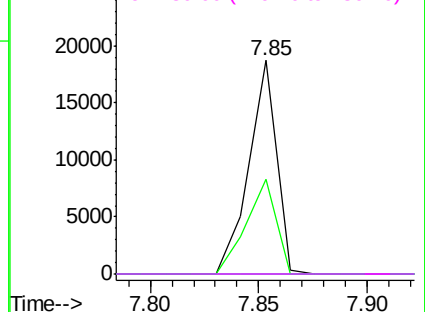


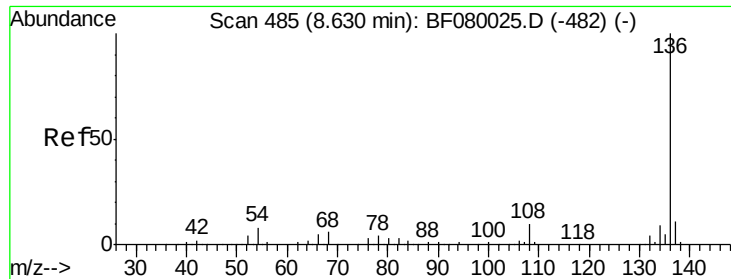
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

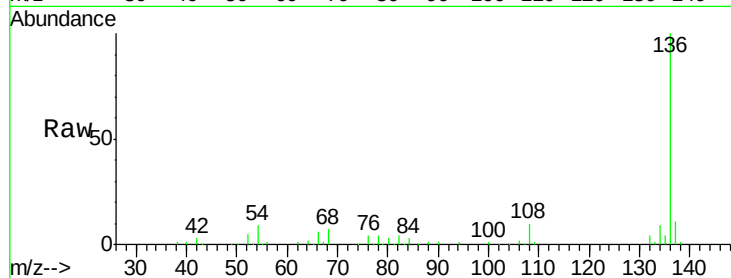




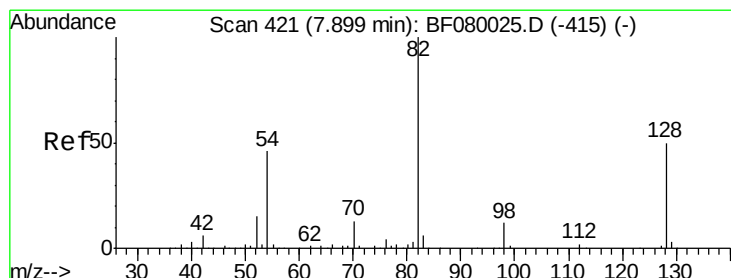
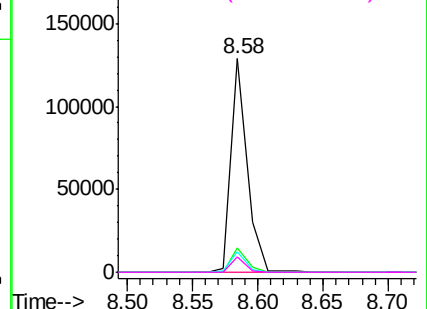
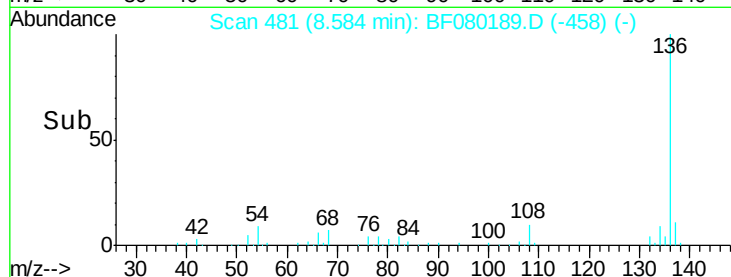
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	112304
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	9.3	8.2 12.2
68	7.0	5.8 8.6

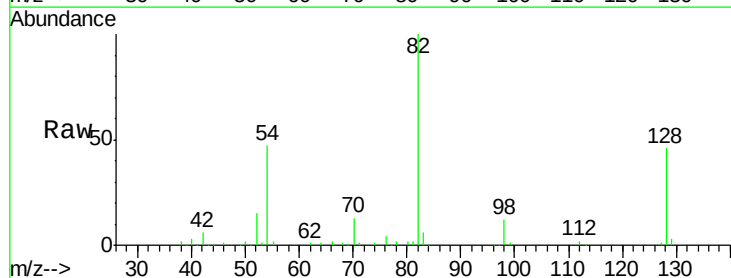


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
150000
Ion 54.00 (53.70 to 54.70): BF0
100000
Ion 68.00 (67.70 to 68.70): BF0
50000
0

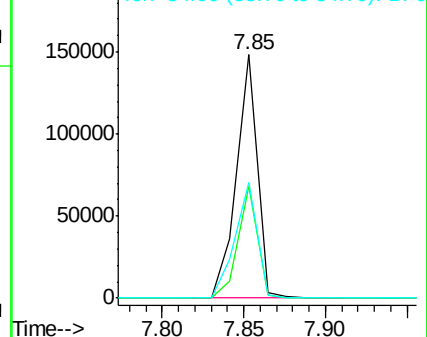
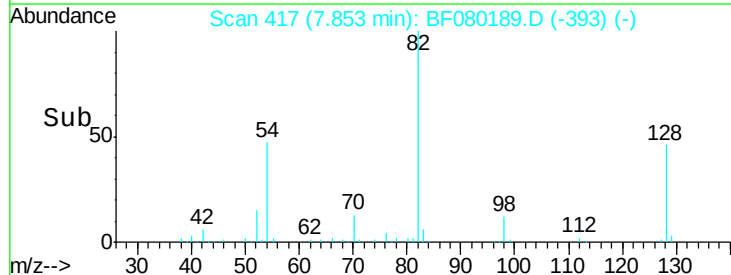


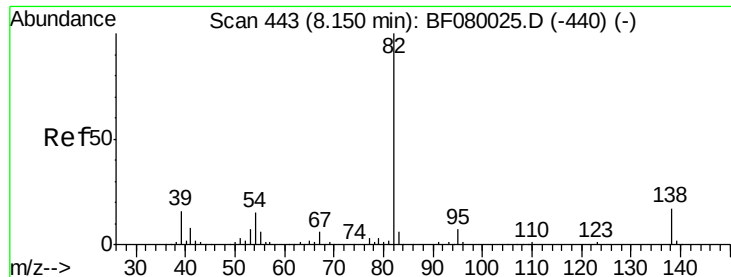
#23
Nitrobenzene-d5
Concen: 67.27 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Tgt Ion: 82	Resp:	129764
Ion Ratio	Lower	Upper
82	100	
128	45.7	51.0 76.6#
54	47.3	47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
200000
Ion 128.00 (127.70 to 128.70): E
150000
Ion 54.00 (53.70 to 54.70): BF0
100000
50000
0





#25

Isophorone

Concen: 33.43 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080189.D

Acq: 26 Jun 2015 15:06

Instrument :

BNA_F

ClientSampleId :

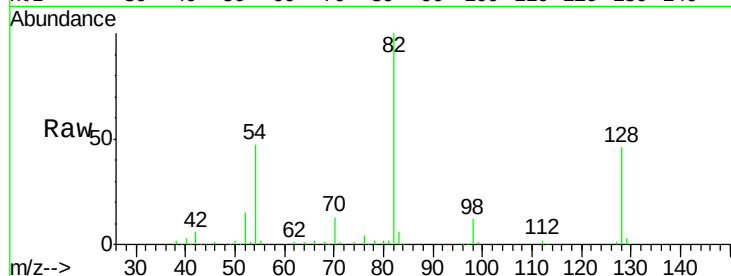
Tot Ion: 82 Resp: 129784

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

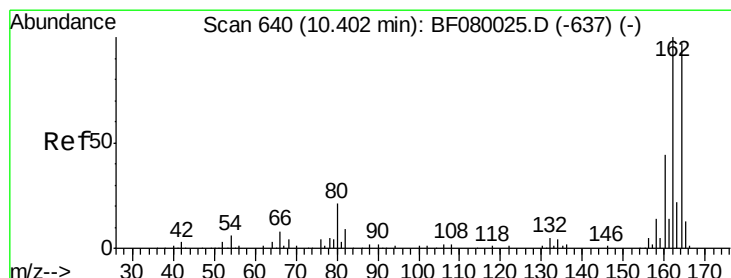
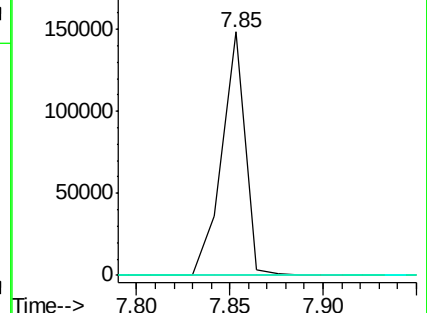
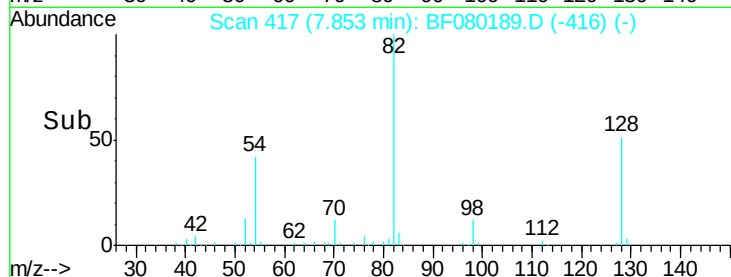
138 0.0 18.3 27.5#



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: BF080189.D

Acq: 26 Jun 2015 15:06

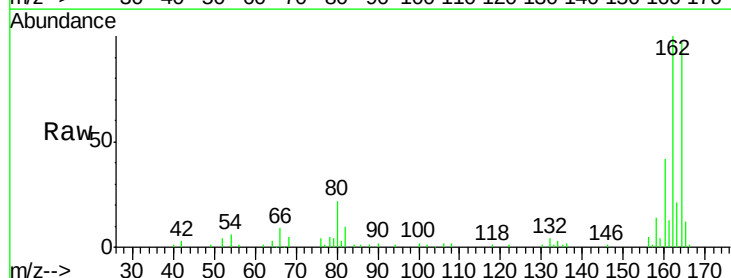
Tgt Ion: 164 Resp: 57445

Ion Ratio Lower Upper

164 100

162 102.9 75.2 112.8

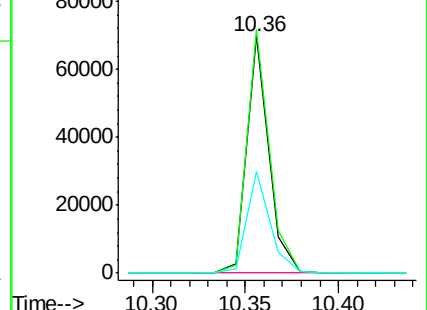
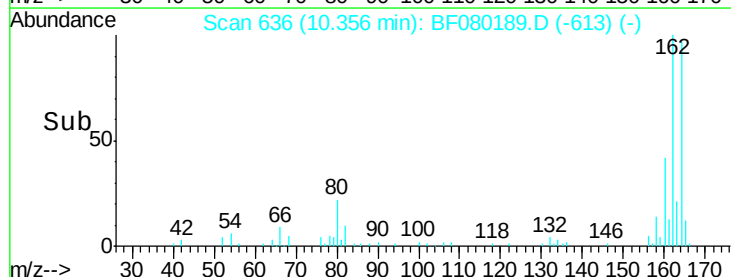
160 42.7 31.5 47.3

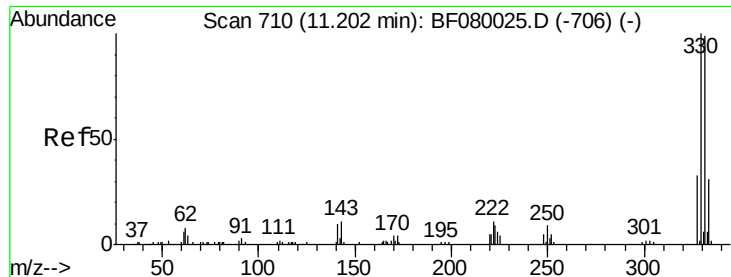


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

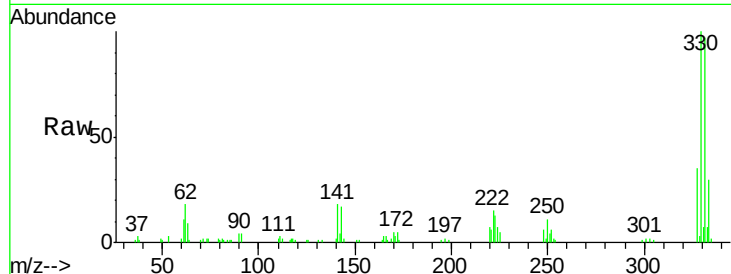




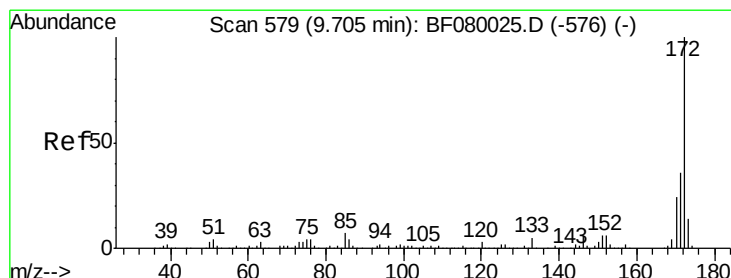
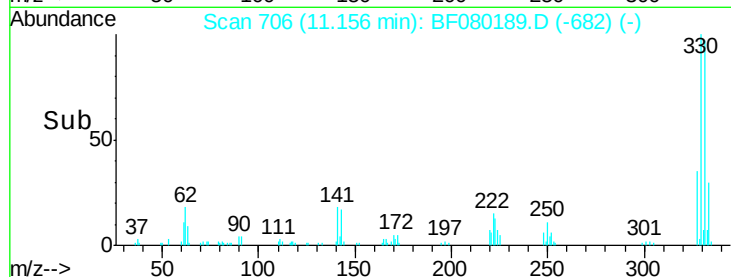
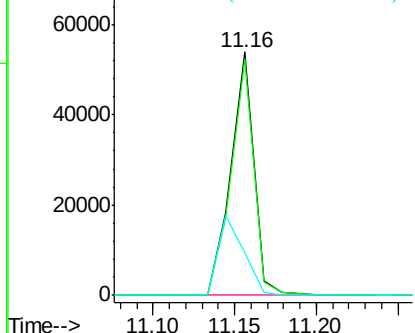
#41
 2,4,6-Tribromophenol
 Concen: 93.46 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080189.D
 Acq: 26 Jun 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	36.4	29.7	44.5

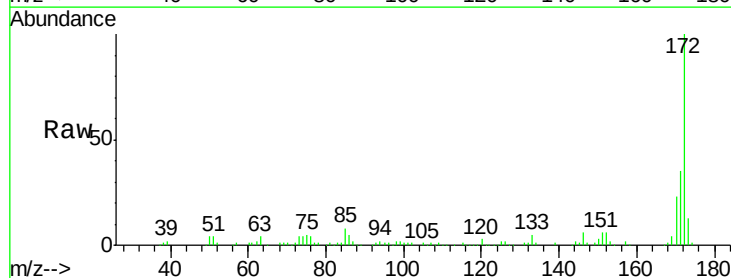


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

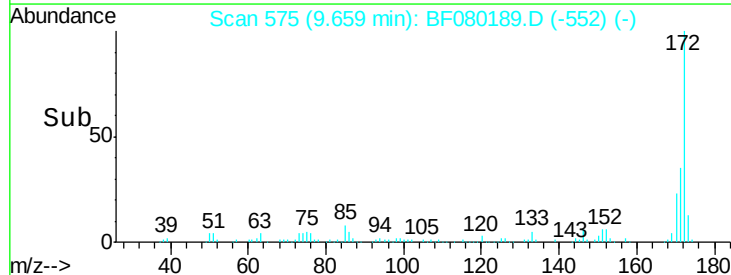
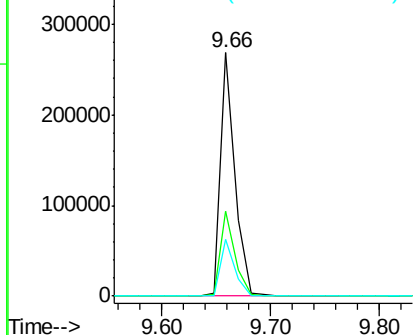


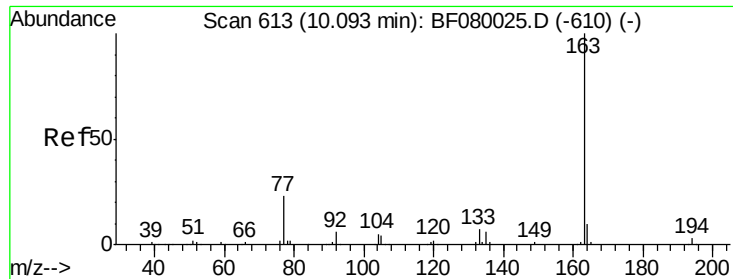
#44
 2-Fluorobiphenyl
 Concen: 61.76 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080189.D
 Acq: 26 Jun 2015 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.5	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

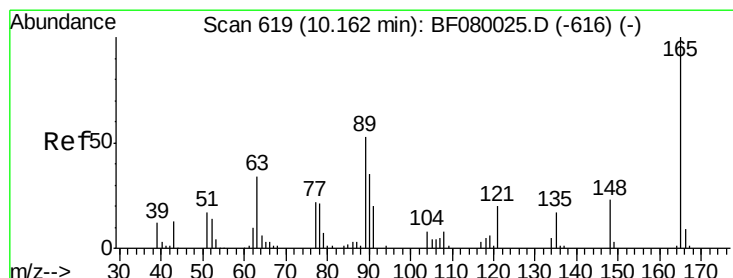
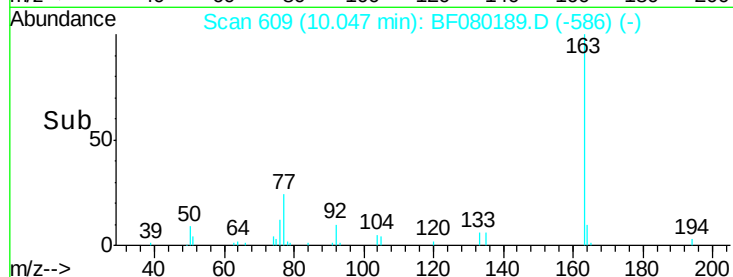
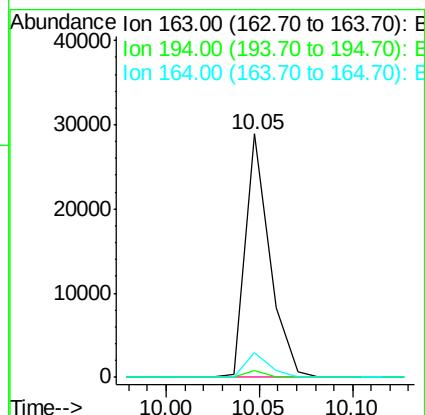
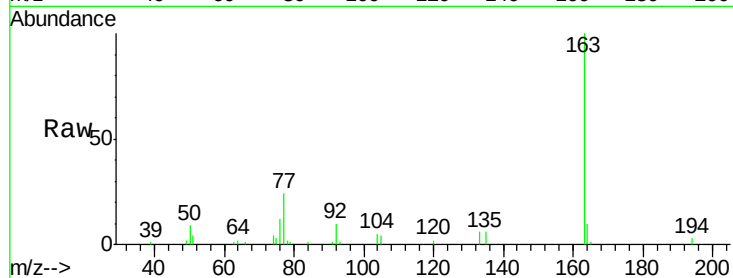




#49
Dimethylphthalate
Concen: 6.06 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

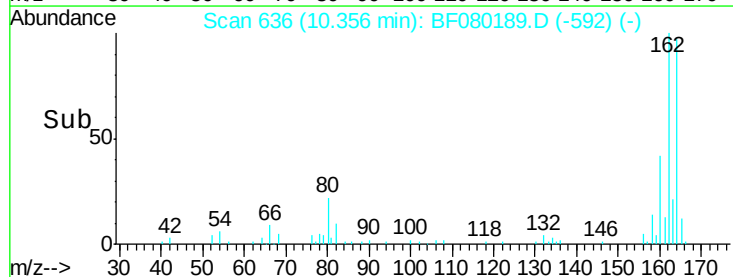
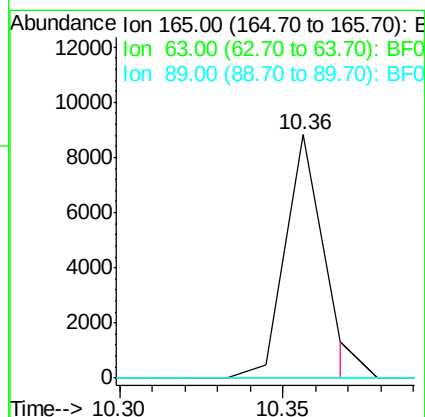
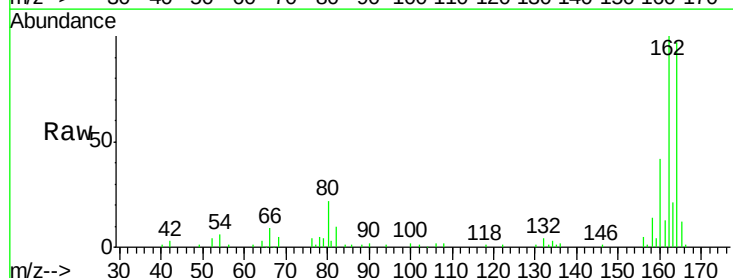
Instrument :
BNA_F
ClientSampleId :

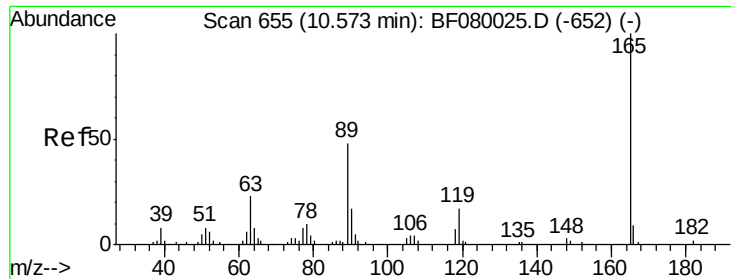
Tot Ion:163 Resp: 26153
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 10.36 min Scan# 636
Delta R.T. 0.21 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Tgt Ion:165 Resp: 7306
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#

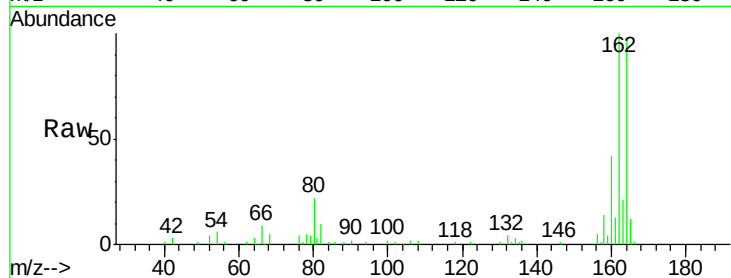




#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080189.D
 Acq: 26 Jun 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	7307
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#

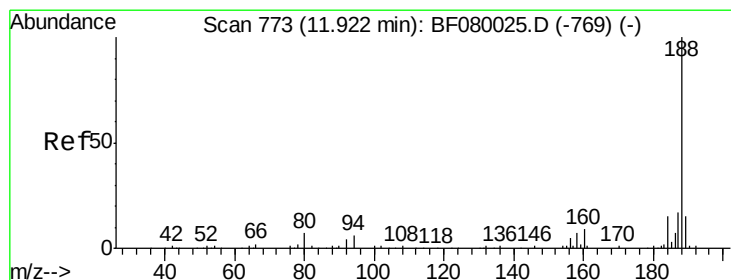
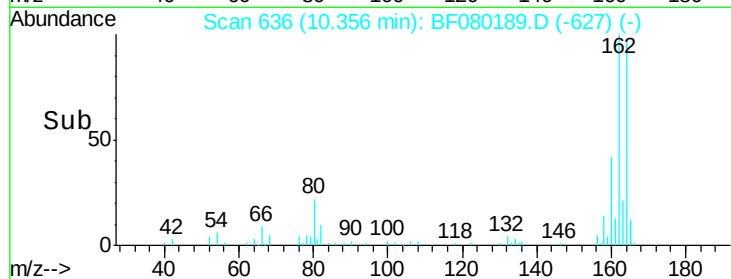
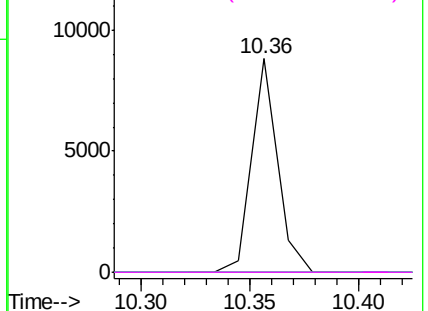


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

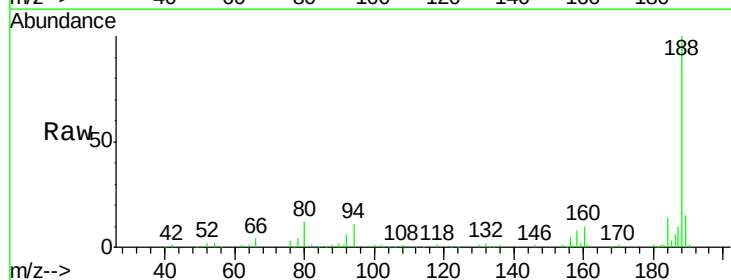
Ion 89.00 (88.70 to 89.70): BF0

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: BF080189.D
 Acq: 26 Jun 2015 15:06

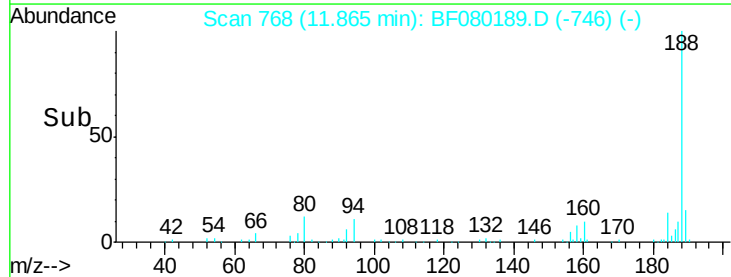
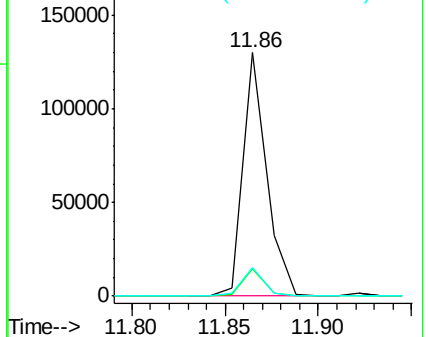
Tgt Ion:188	Resp:	115358
Ion Ratio	Lower	Upper
188	100	
94	11.0	11.1 16.7#
80	11.7	11.0 16.4

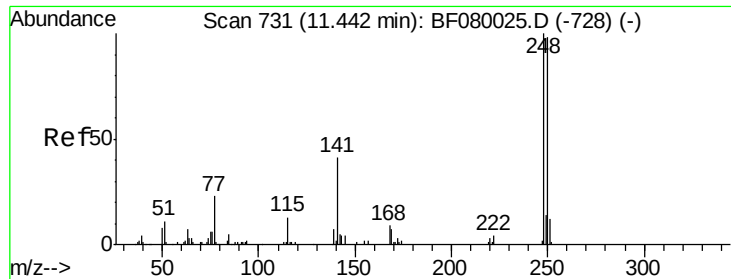


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

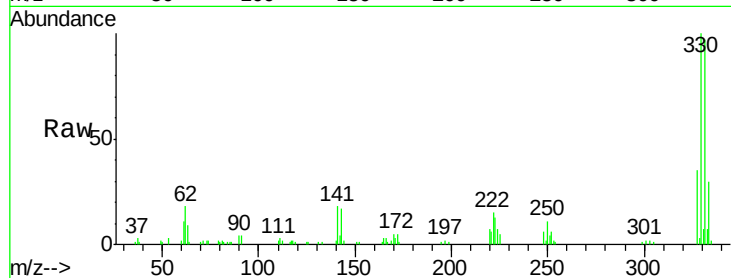




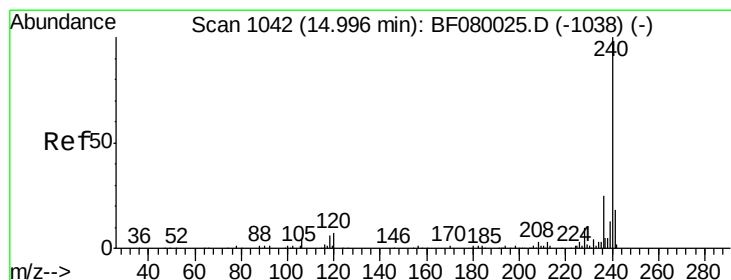
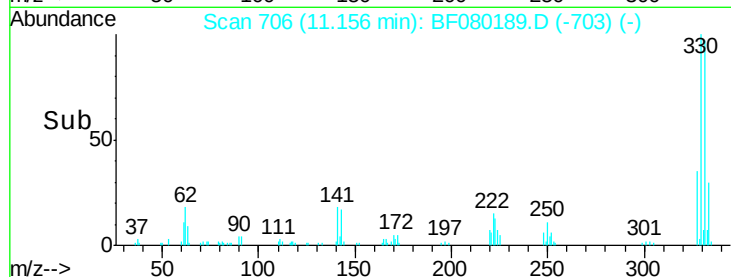
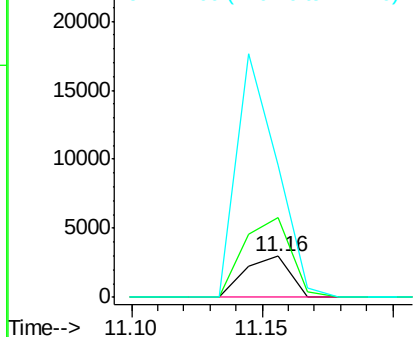
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.26 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 3613
Ion Ratio Lower Upper
248 100
250 195.5 78.5 117.7#
141 322.0 59.0 88.6#

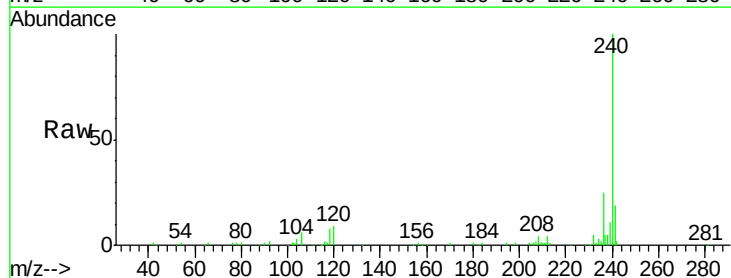


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

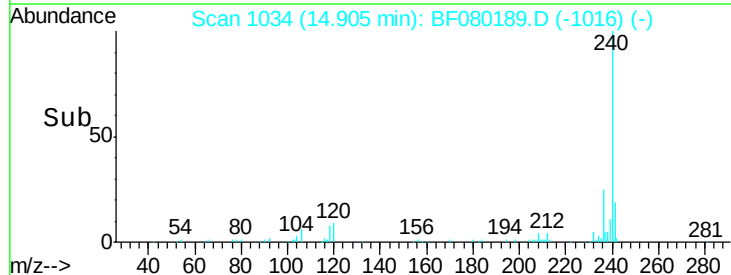
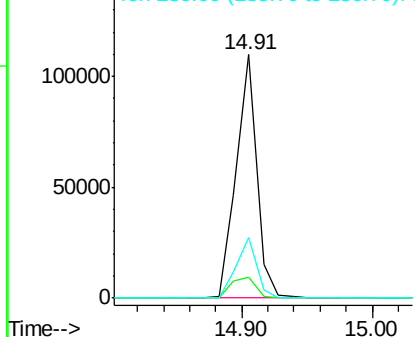


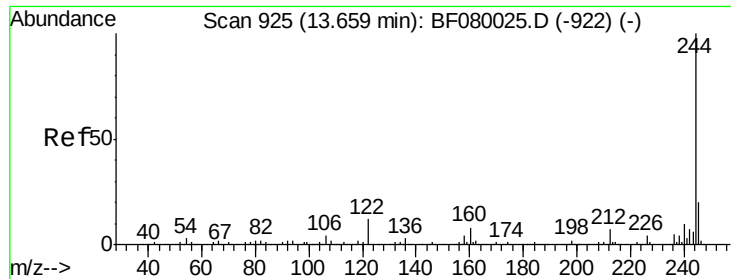
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1034
Delta R.T. -0.09 min
Lab File: BF080189.D
Acq: 26 Jun 2015 15:06

Tgt Ion:240 Resp: 119835
Ion Ratio Lower Upper
240 100
120 8.8 16.2 24.2#
236 25.1 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

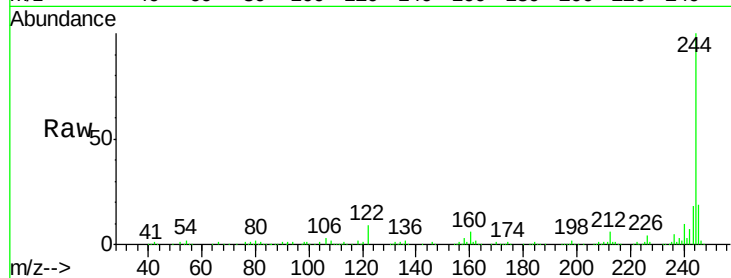




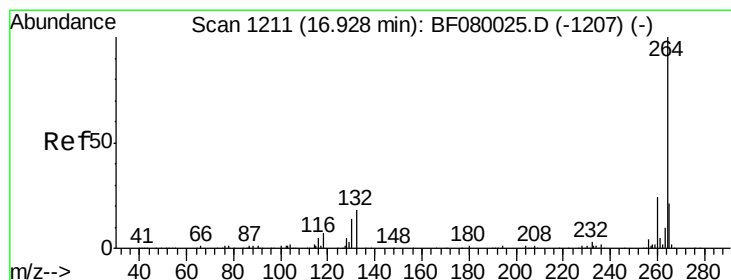
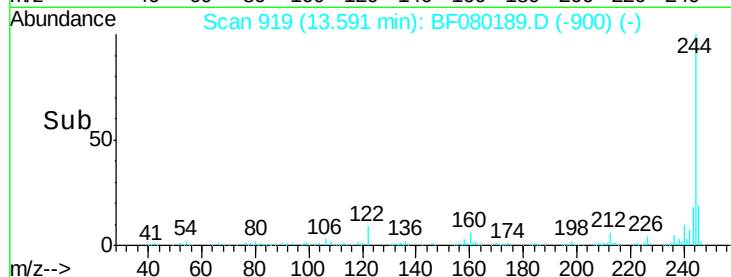
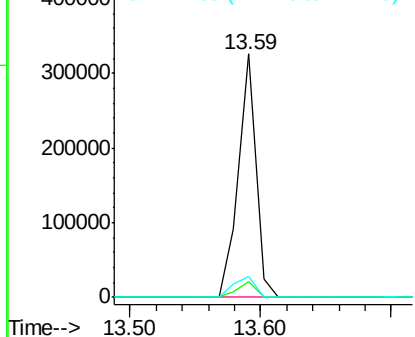
#78
 Terphenyl-d14
 Concen: 59.35 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.08 min
 Lab File: BF080189.D
 Acq: 26 Jun 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 304539
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.3 6.5
 122 8.6 17.4 26.2#

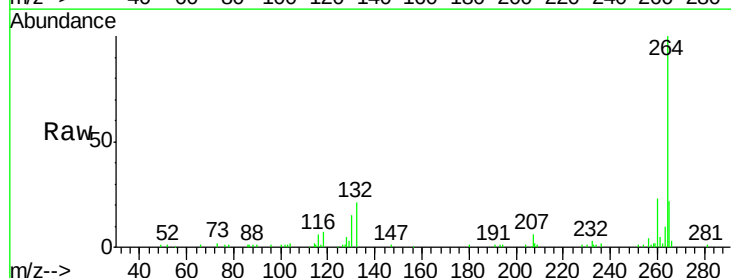


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.83 min Scan# 1202
 Delta R.T. -0.10 min
 Lab File: BF080189.D
 Acq: 26 Jun 2015 15:06

Tgt Ion:264 Resp: 113252
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 21.7 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

