

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080055.D
 Acq On : 19 Jun 2015 13:37
 Operator : TP/IZ
 Sample : PB84099BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BL

Quant Time: Jun 19 23:20:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

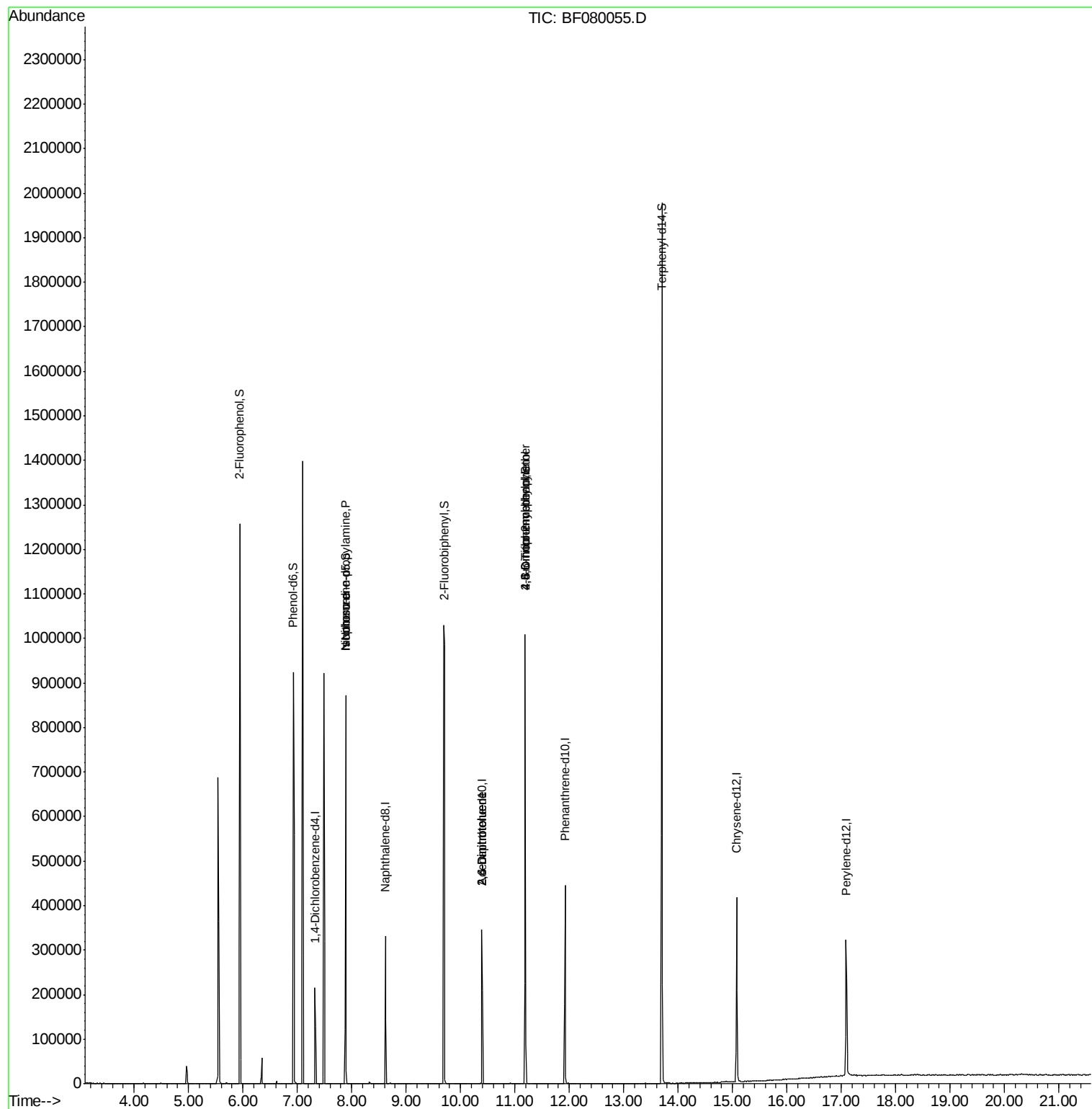
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39486	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	162329	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	83900	20.00	ng	-0.01
63) Phenanthrene-d10	11.92	188	181936	20.00	ng	0.01
75) Chrysene-d12	15.08	240	190329	20.00	ng	0.22
86) Perylene-d12	17.09	264	188498	20.00	ng	0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	322446	144.55	ng	0.00
7) Phenol-d6	6.93	99	386548	130.22	ng	-0.01
23) Nitrobenzene-d5	7.89	82	242558	86.99	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	115285	140.52	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	494287	84.02	ng	0.00
78) Terphenyl-d14	13.71	244	677776	83.17	ng	0.12
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	31240	15.16	ng	# 59
25) Isophorone	7.89	82	242545	43.22	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	10498	8.30	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	10500	6.54	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.19	198	267	3.84	ng	# 1
66) 4-Bromophenyl-phenylether	11.19	248	8180	4.23	ng	# 1

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

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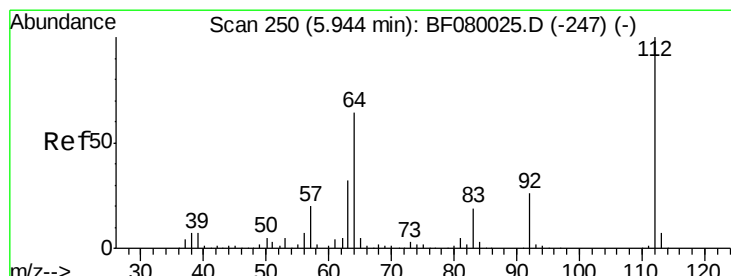
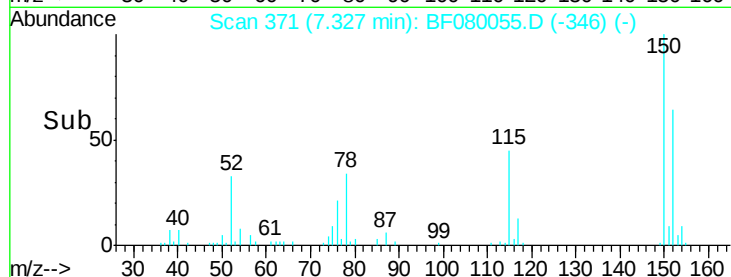
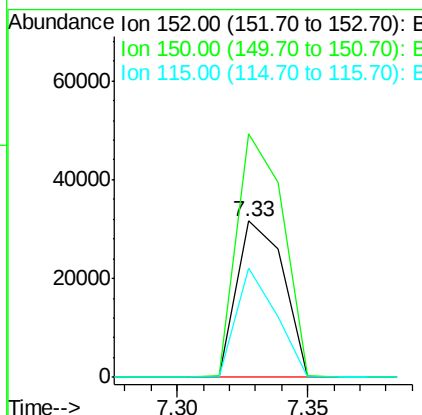
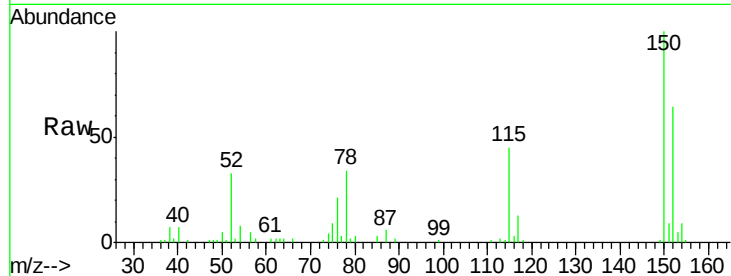


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BL

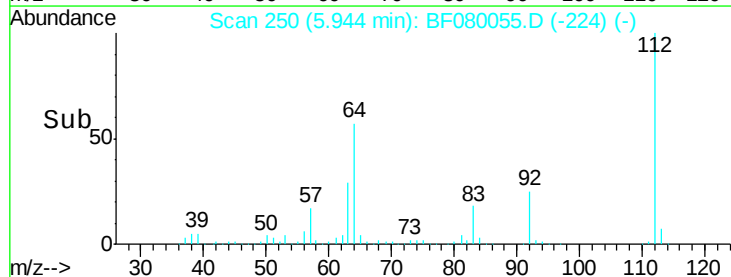
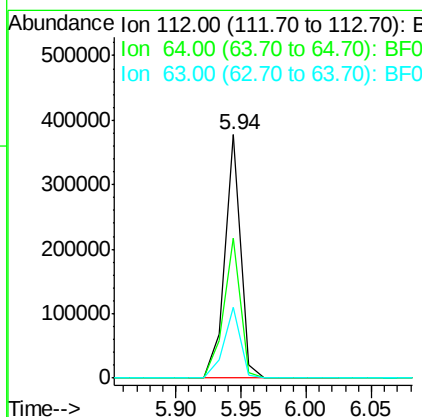
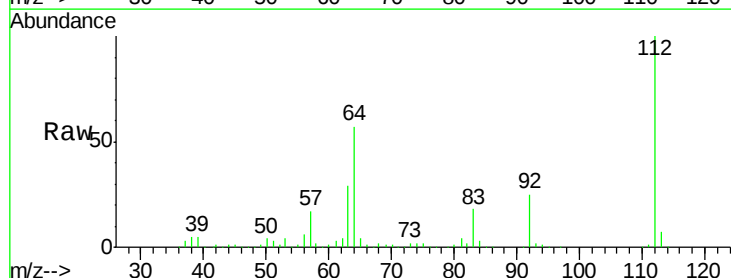
Tgt Ion:152 Resp: 39486
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.7 187.1
 115 69.6 39.0 58.4#



#5

2-Fluorophenol
 Concen: 144.55 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Tgt Ion:112 Resp: 322446
 Ion Ratio Lower Upper
 112 100
 64 57.2 39.7 59.5
 63 28.9 17.4 26.0#





#7

Phenol-d6

Concen: 130.22 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080055.D

Acq: 19 Jun 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB84099BL

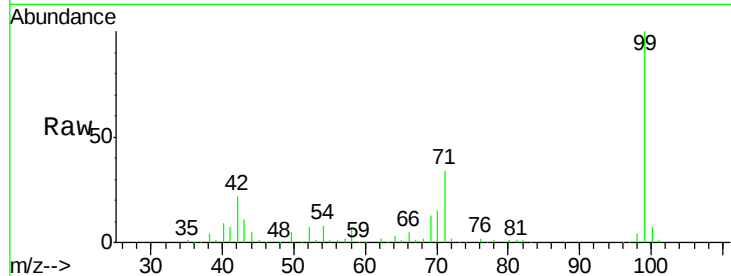
Tgt Ion: 99 Resp: 386548

Ion Ratio Lower Upper

99 100

42 21.7 13.7 20.5#

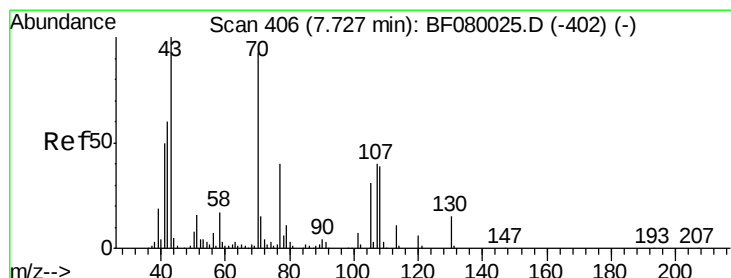
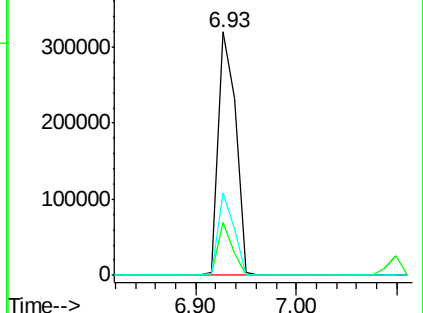
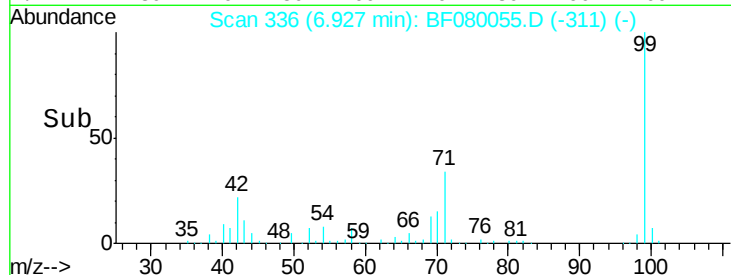
71 34.1 14.2 21.2#



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: 15.16 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080055.D

Acq: 19 Jun 2015 13:37

Tgt Ion: 70 Resp: 31240

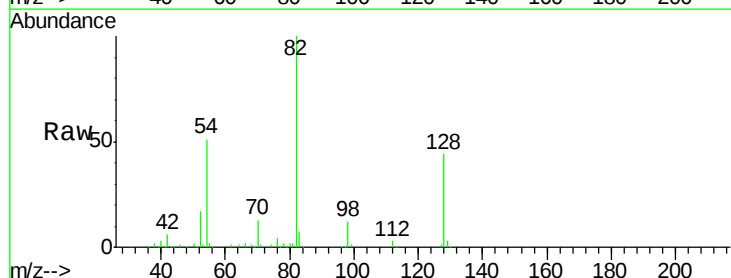
Ion Ratio Lower Upper

70 100

42 47.2 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

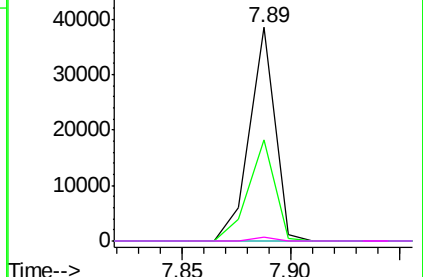
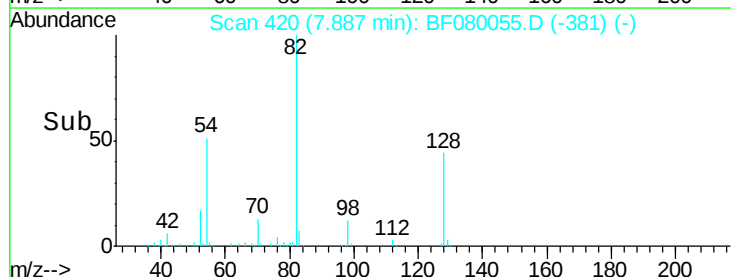


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

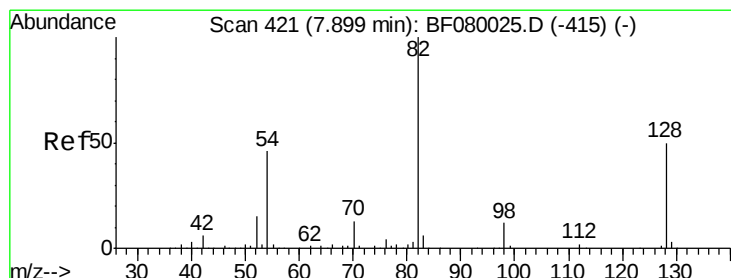
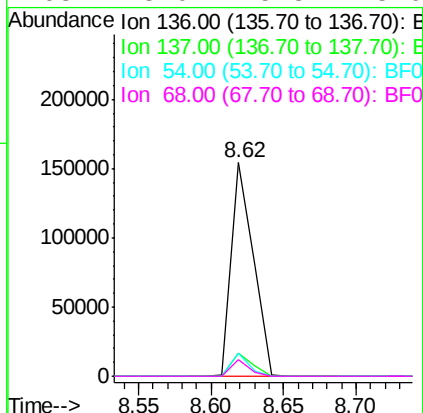
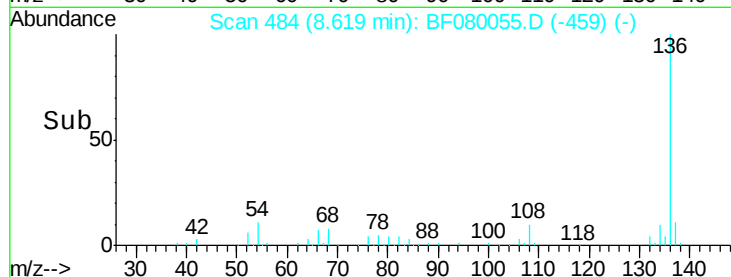
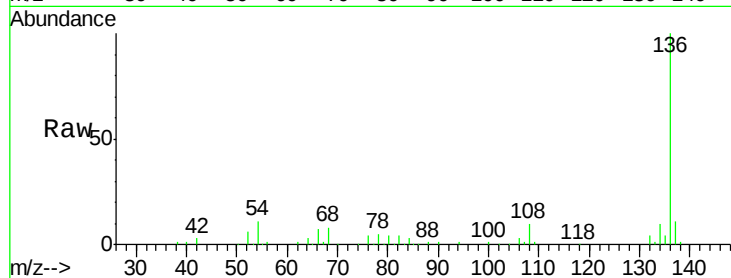




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080055.D
Acq: 19 Jun 2015 13:37

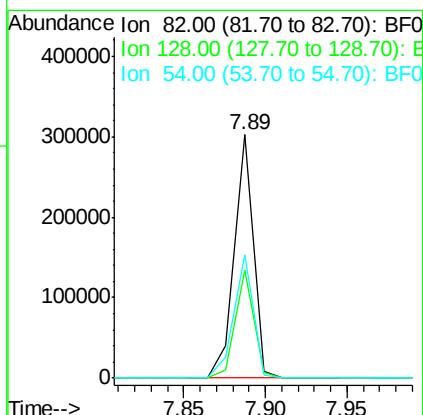
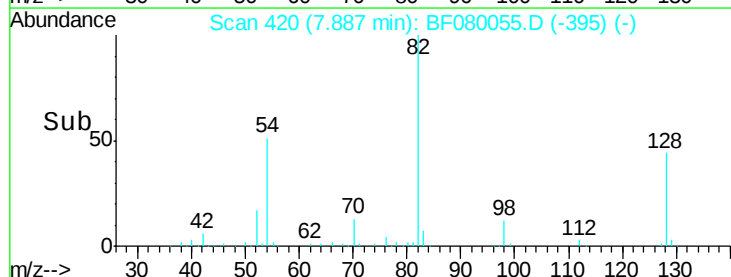
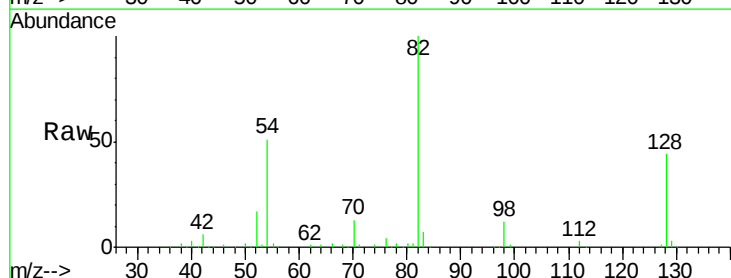
Instrument :
BNA_F
ClientSampleId :
PB84099BL

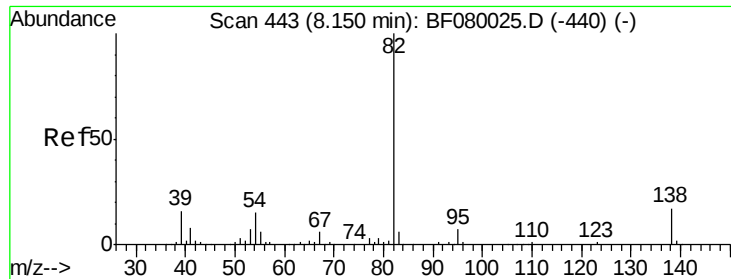
Tgt Ion:	136	Resp:	162329
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.7	8.2	12.2
68	8.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 86.99 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080055.D
Acq: 19 Jun 2015 13:37

Tgt Ion:	82	Resp:	242558
Ion	Ratio	Lower	Upper
82	100		
128	44.1	51.0	76.6#
54	50.9	47.5	71.3





#25

Isophorone

Concen: 43.22 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080055.D

Acq: 19 Jun 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB84099BL

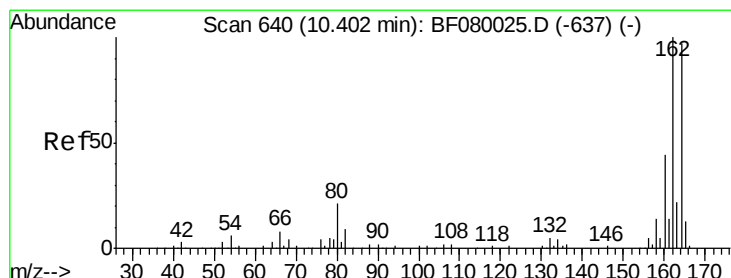
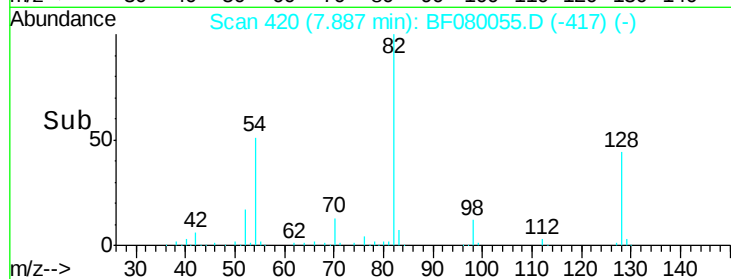
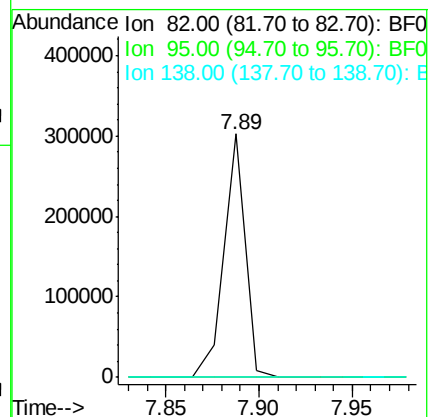
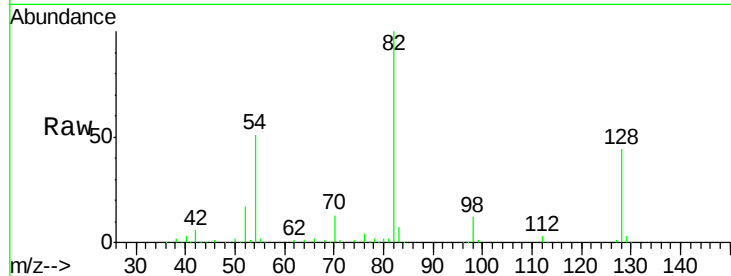
Tgt Ion: 82 Resp: 242545

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080055.D

Acq: 19 Jun 2015 13:37

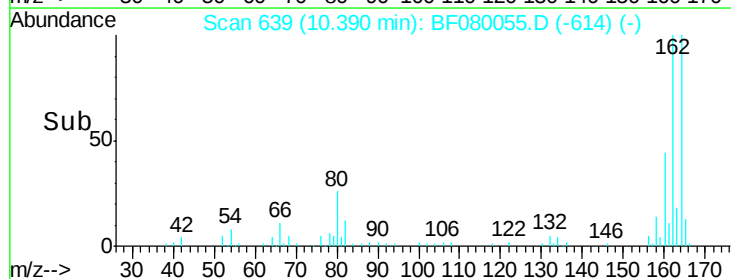
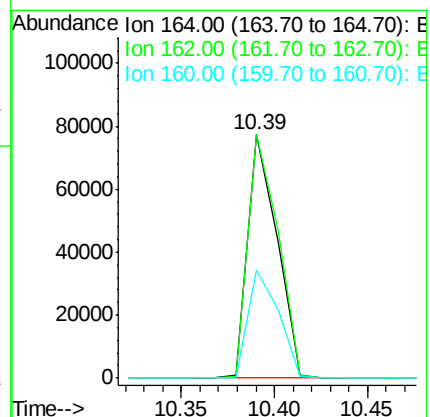
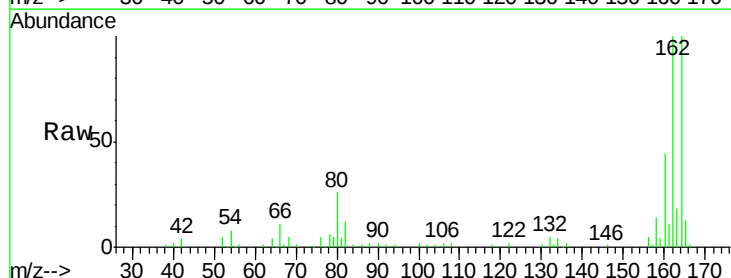
Tgt Ion: 164 Resp: 83900

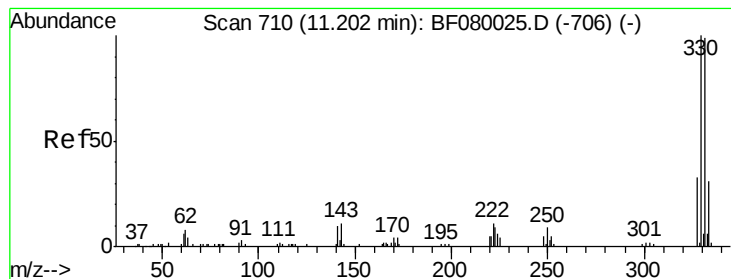
Ion Ratio Lower Upper

164 100

162 99.8 75.2 112.8

160 44.4 31.5 47.3

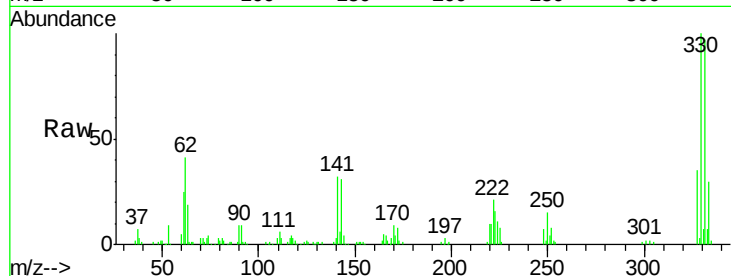




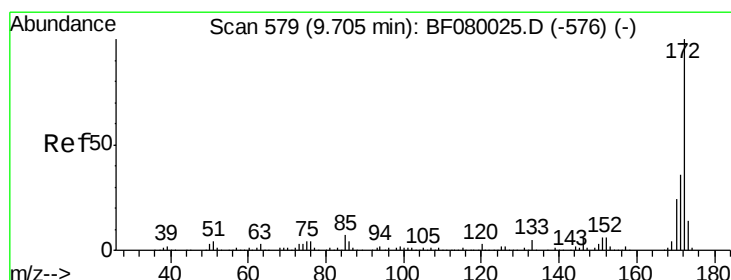
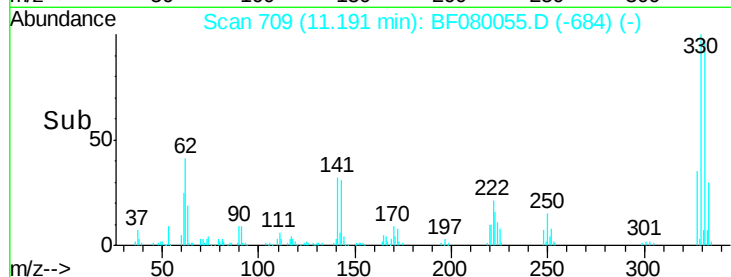
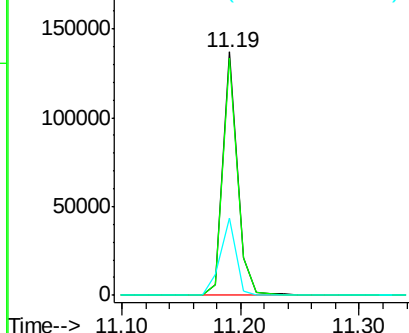
#41
 2,4,6-Tribromophenol
 Concen: 140.52 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	34.7	29.7	44.5

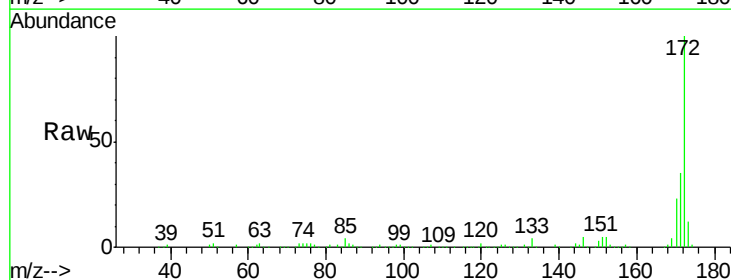


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

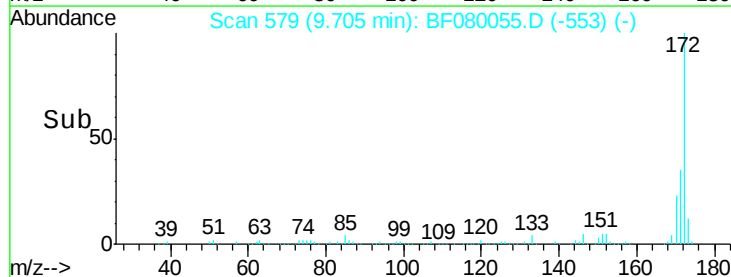
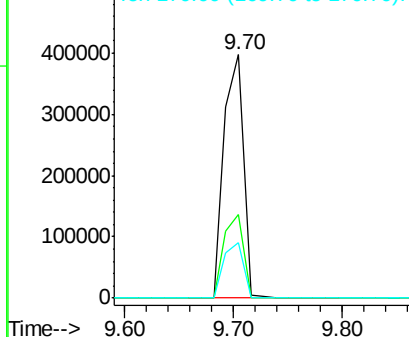


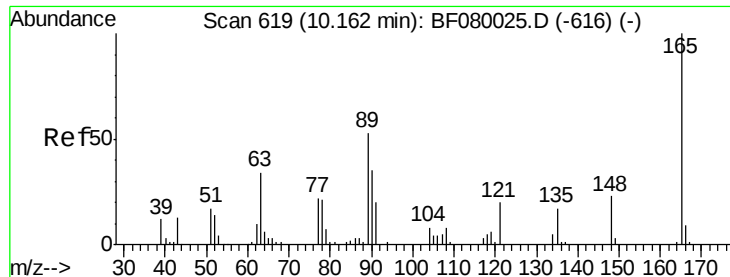
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.1	39.1
170	23.0	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

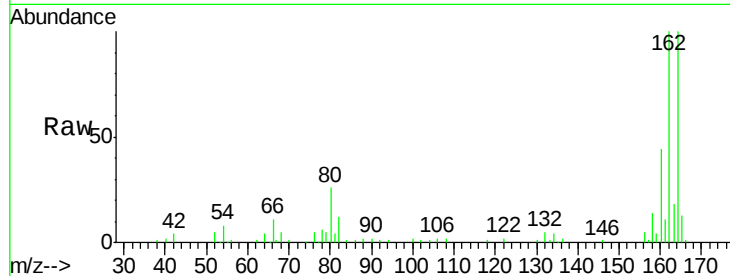




#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Instrument :
 BNA_F
 ClientSampleId :
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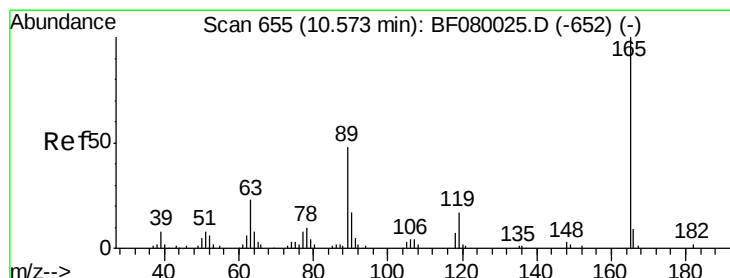
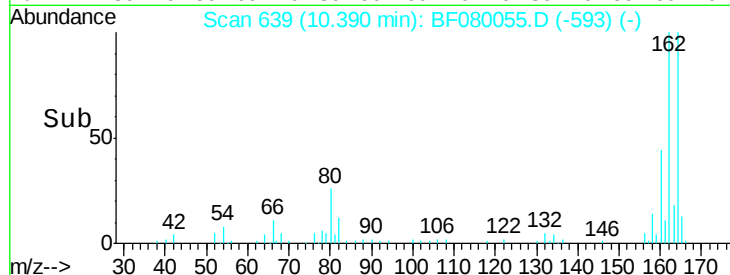
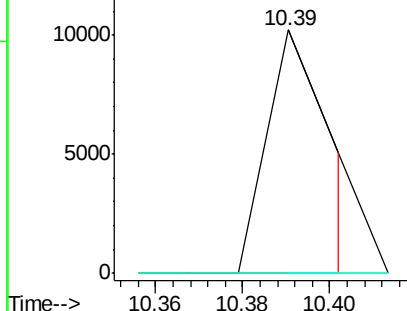
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.54 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

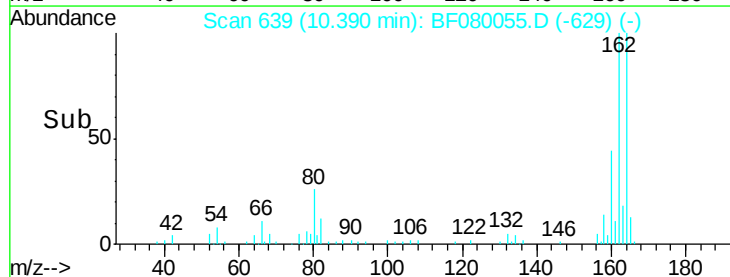
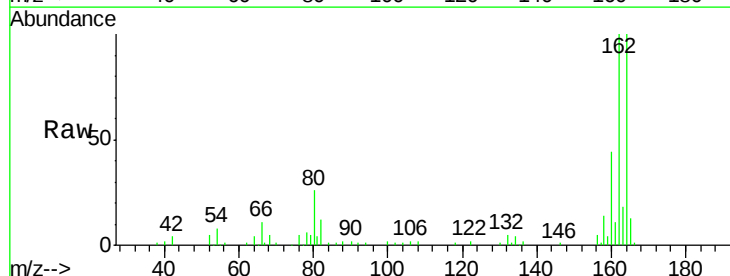
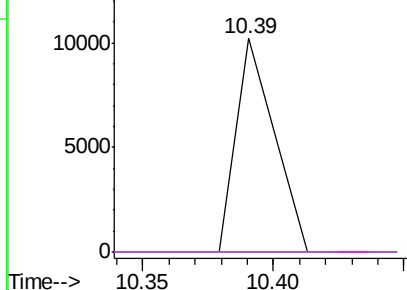
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

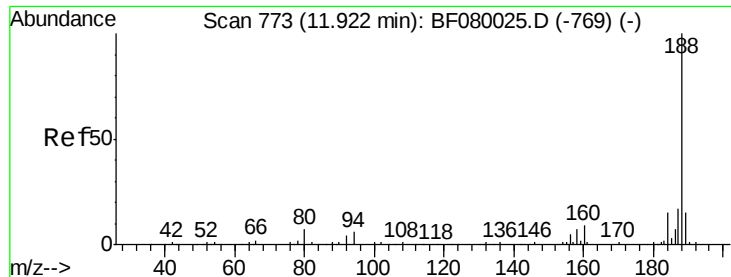
Abundance Ion 165.00 (164.70 to 165.70): E

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

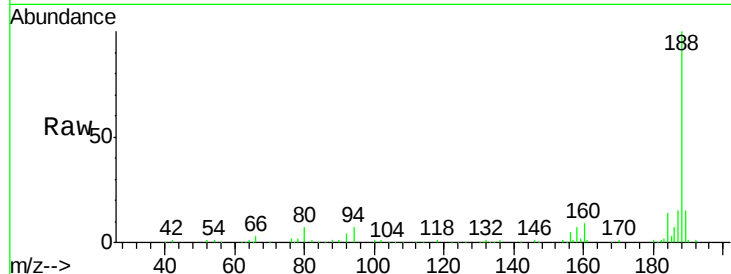




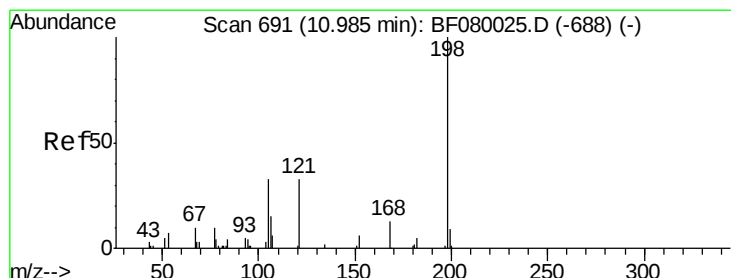
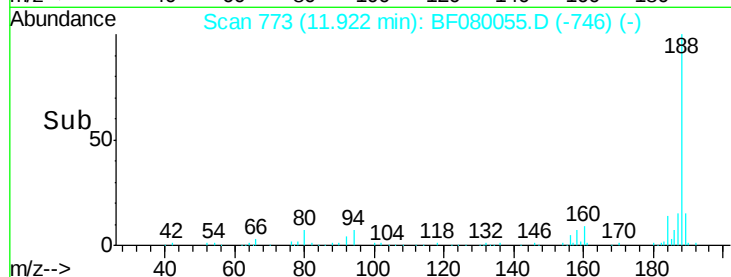
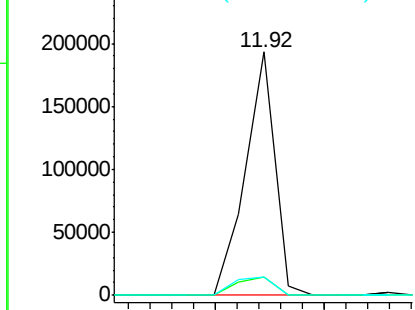
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.92 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BL

Tgt Ion:188 Resp: 181936
 Ion Ratio Lower Upper
 188 100
 94 7.5 11.1 16.7#
 80 7.4 11.0 16.4#

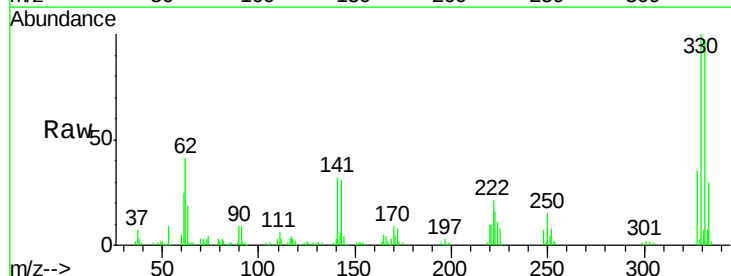


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

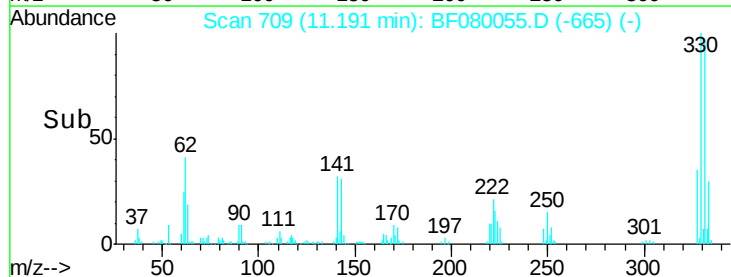
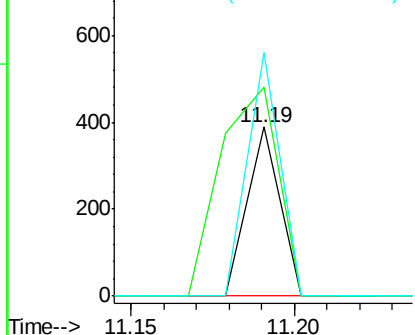


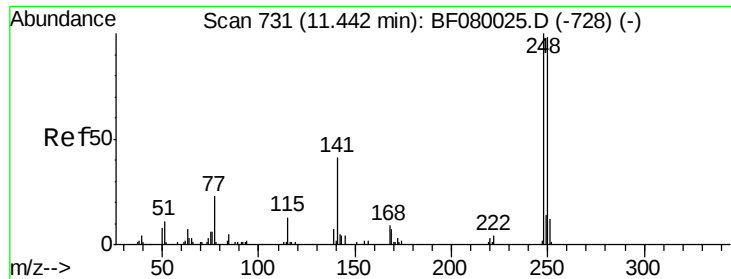
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.84 ng
 RT: 11.19 min Scan# 709
 Delta R.T. 0.21 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Tgt Ion:198 Resp: 267
 Ion Ratio Lower Upper
 198 100
 51 123.9 39.6 79.6#
 105 144.2 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

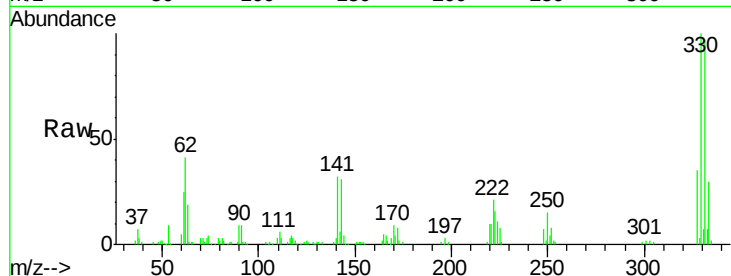




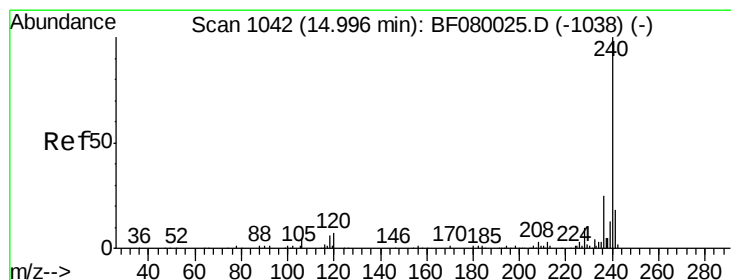
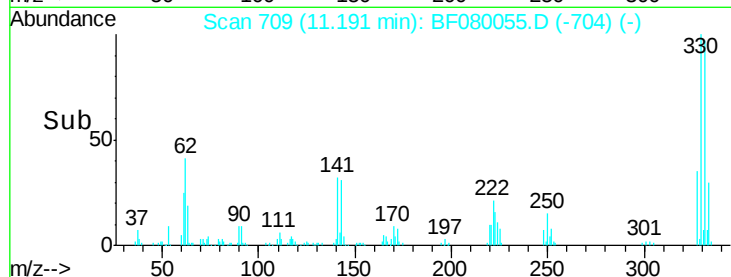
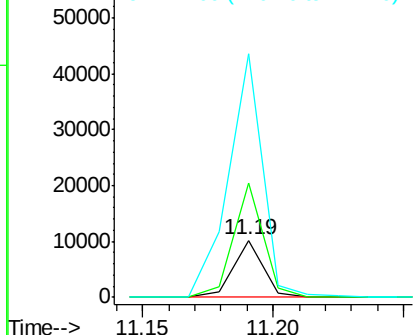
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080055.D
Acq: 19 Jun 2015 13:37

Instrument :
BNA_F
ClientSampleId :
PB84099BL

Tgt Ion:248 Resp: 8180
Ion Ratio Lower Upper
248 100
250 202.0 78.5 117.7#
141 429.1 59.0 88.6#

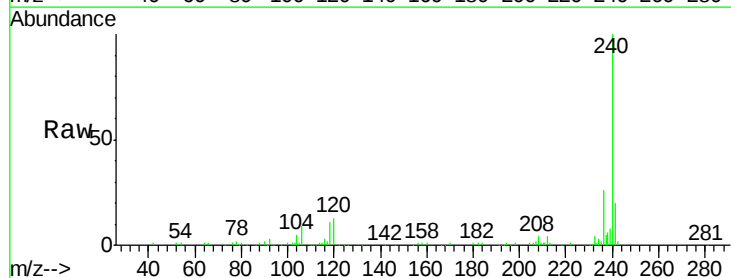


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

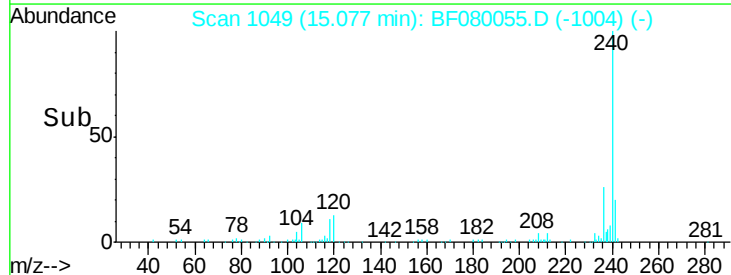
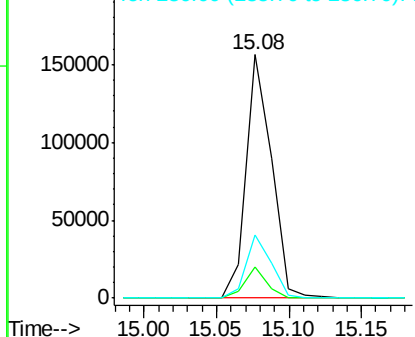


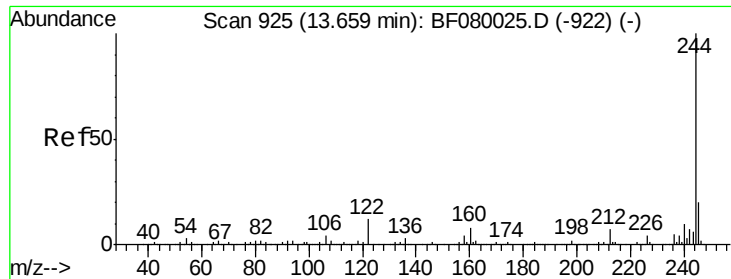
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.08 min Scan# 1049
Delta R.T. 0.22 min
Lab File: BF080055.D
Acq: 19 Jun 2015 13:37

Tgt Ion:240 Resp: 190329
Ion Ratio Lower Upper
240 100
120 12.9 16.2 24.2#
236 25.7 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

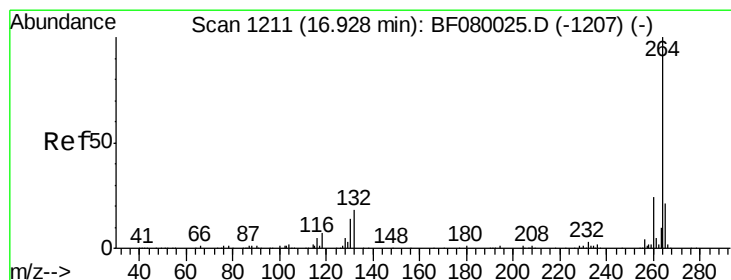
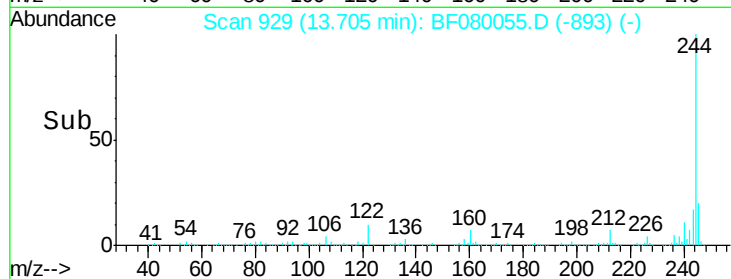
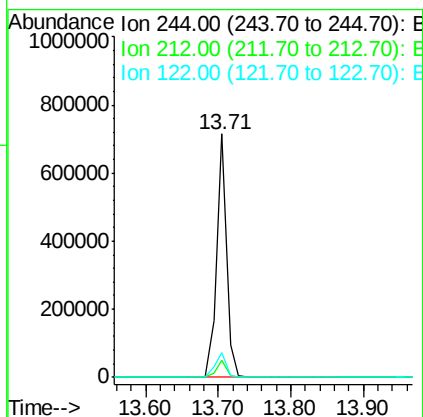
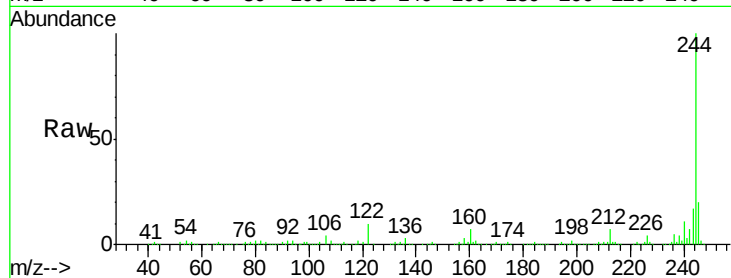




#78
 Terphenyl-d14
 Concen: 83.17 ng
 RT: 13.71 min Scan# 929
 Delta R.T. 0.12 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BL

Tgt Ion:244 Resp: 677776
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 10.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.09 min Scan# 1225
 Delta R.T. 0.34 min
 Lab File: BF080055.D
 Acq: 19 Jun 2015 13:37

Tgt Ion:264 Resp: 188498
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.7 25.1
 265 21.6 17.2 25.8

