

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080206.D
 Acq On : 29 Jun 2015 14:39
 Operator : TP/IZ
 Sample : PB84255BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BL

Quant Time: Jun 30 01:41:52 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

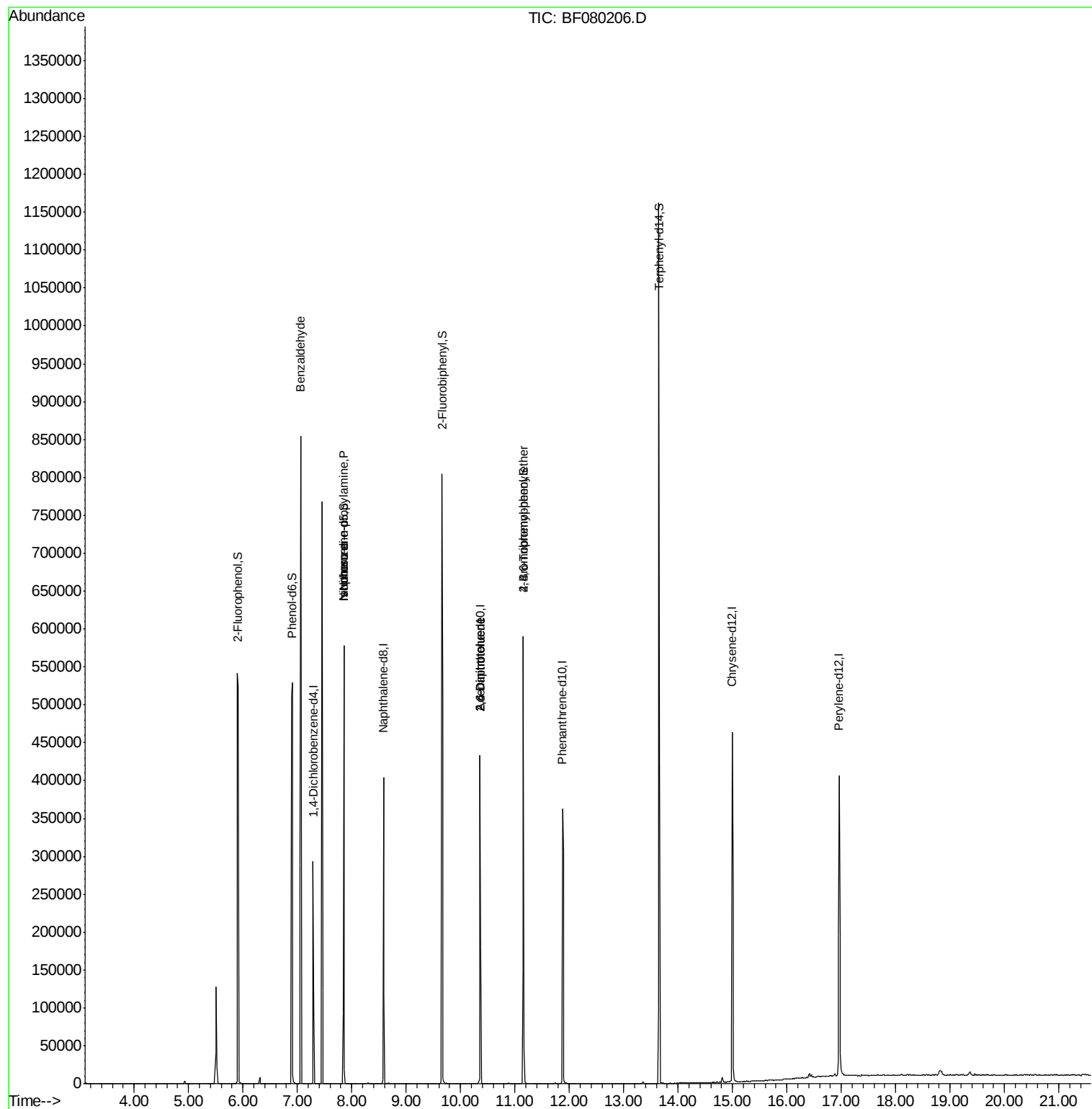
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	45414	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	181923	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	94191	20.00	ng	-0.03
63) Phenanthrene-d10	11.88	188	193836	20.00	ng	-0.03
75) Chrysene-d12	15.00	240	216858	20.00	ng	0.00
86) Perylene-d12	16.96	264	227152	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	217310	84.70	ng	-0.02
7) Phenol-d6	6.90	99	275420	80.67	ng	-0.02
23) Nitrobenzene-d5	7.85	82	167080	53.47	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	70850	76.92	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	322176	48.78	ng	-0.03
78) Terphenyl-d14	13.65	244	417941	45.01	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.06	77	5423	2.75	ng	# 59
19) n-Nitroso-di-n-propylamine	7.85	70	20892	8.81	ng	# 58
25) Isophorone	7.85	82	167071	26.57	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	11990	8.45	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	11986	6.65	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	4955	2.40	ng	# 1

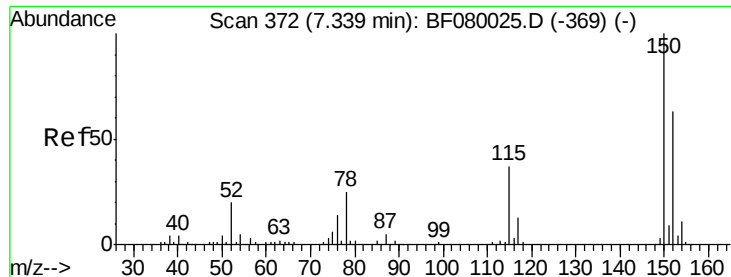
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080206.D

Acq: 29 Jun 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB84255BL

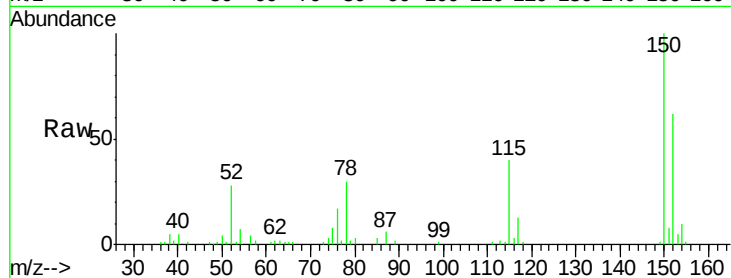
Tgt Ion:152 Resp: 45414

Ion Ratio Lower Upper

152 100

150 160.0 124.7 187.1

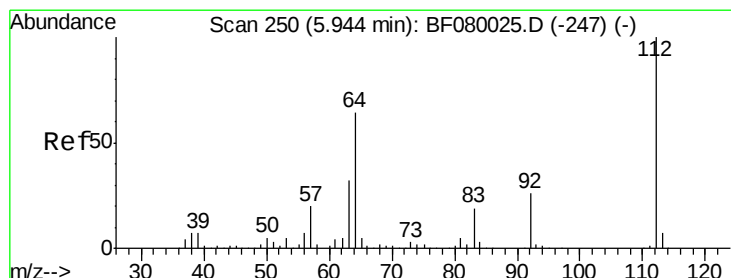
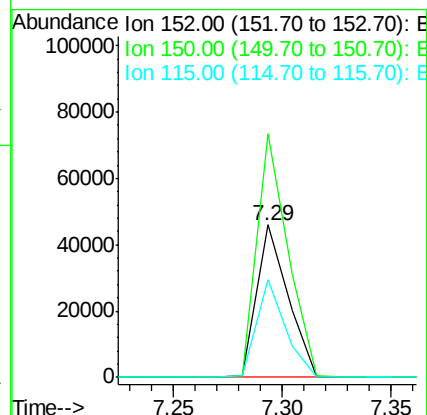
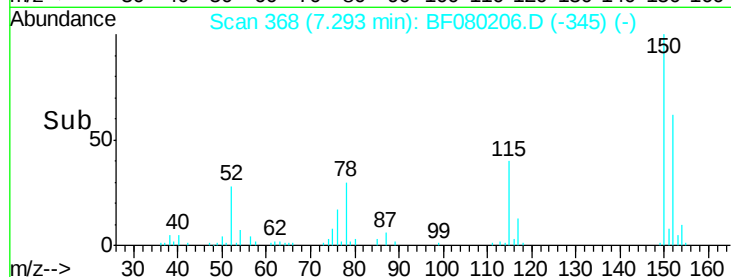
115 64.3 39.0 58.4#



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: 84.70 ng

RT: 5.91 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF080206.D

Acq: 29 Jun 2015 14:39

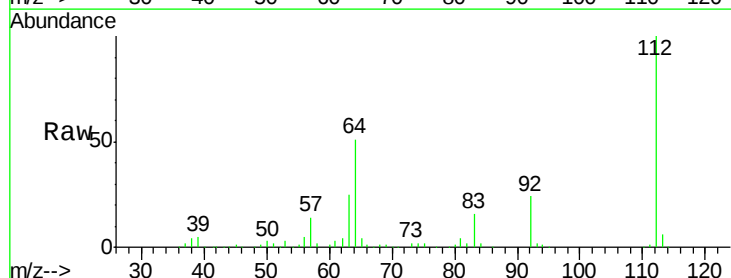
Tgt Ion:112 Resp: 217310

Ion Ratio Lower Upper

112 100

64 50.7 39.7 59.5

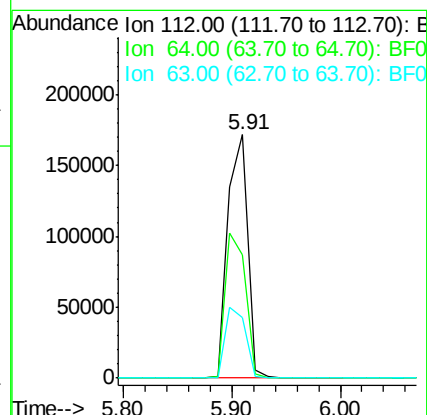
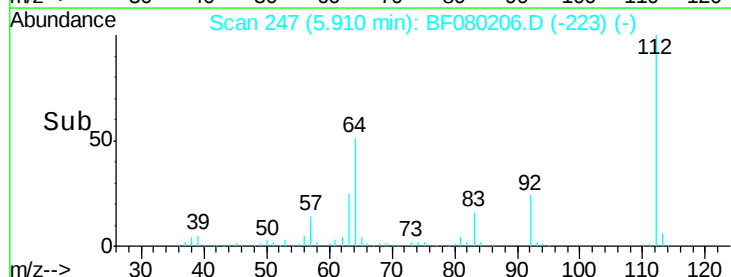
63 24.8 17.4 26.0

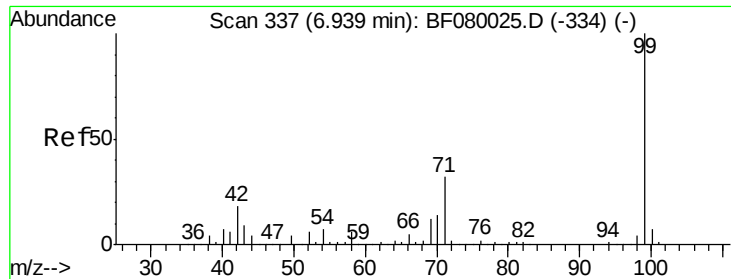


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.67 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080206.D

Acq: 29 Jun 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB84255BL

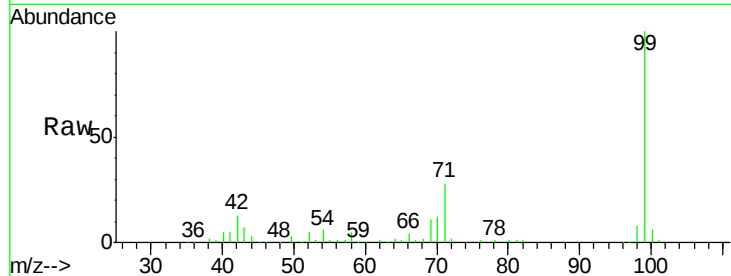
Tgt Ion: 99 Resp: 275420

Ion Ratio Lower Upper

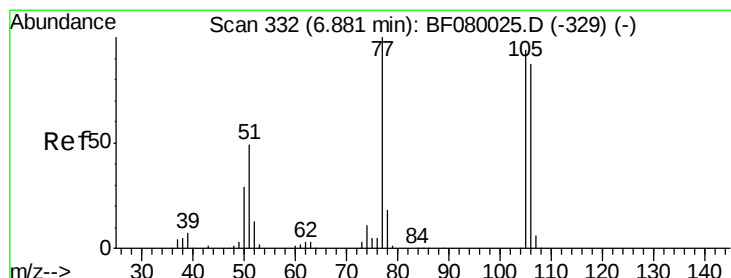
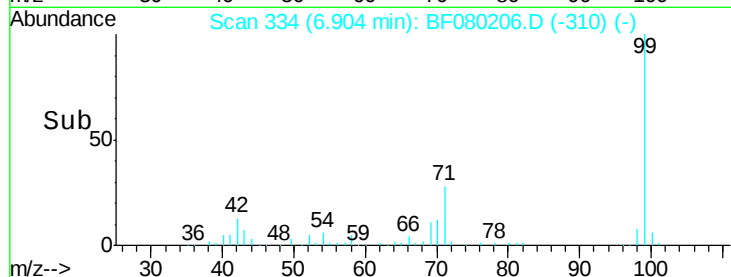
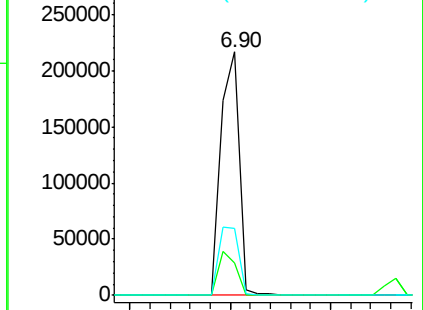
99 100

42 13.5 13.7 20.5#

71 27.5 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



#9

Benzaldehyde

Concen: 2.75 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.19 min

Lab File: BF080206.D

Acq: 29 Jun 2015 14:39

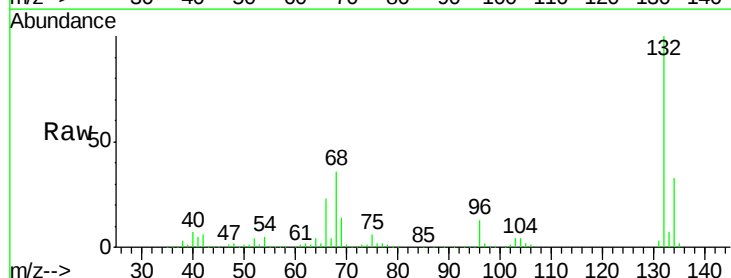
Tgt Ion: 77 Resp: 5423

Ion Ratio Lower Upper

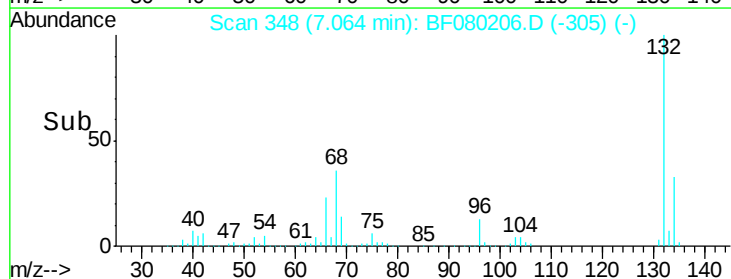
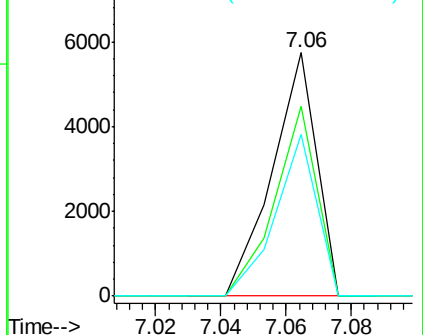
77 100

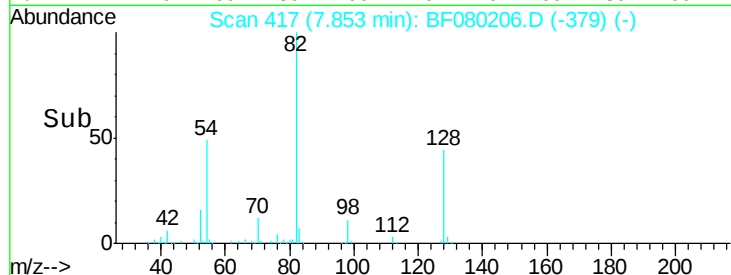
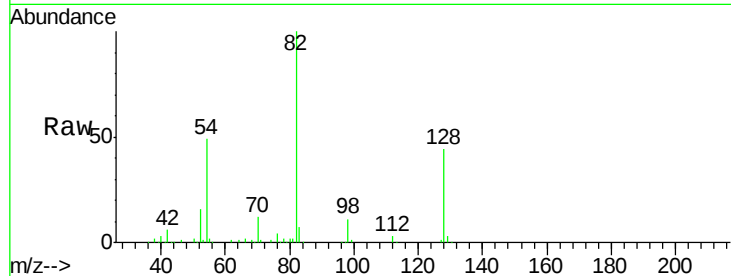
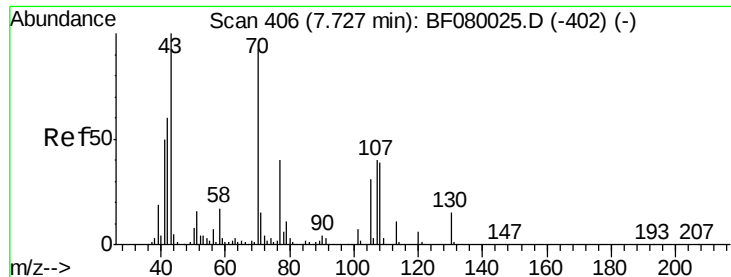
105 78.2 91.6 131.6#

106 66.2 102.6 142.6#



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

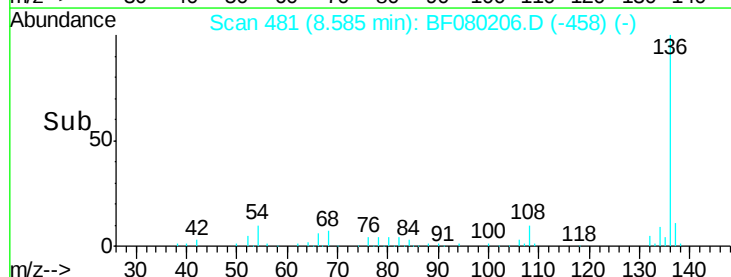
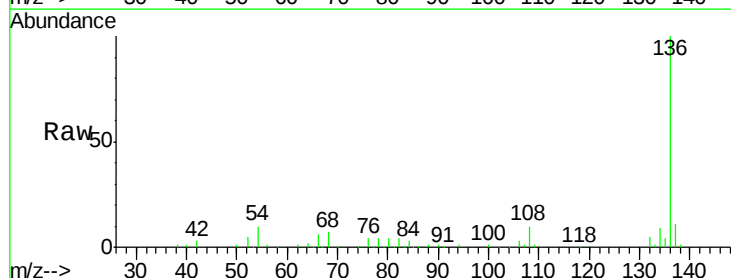
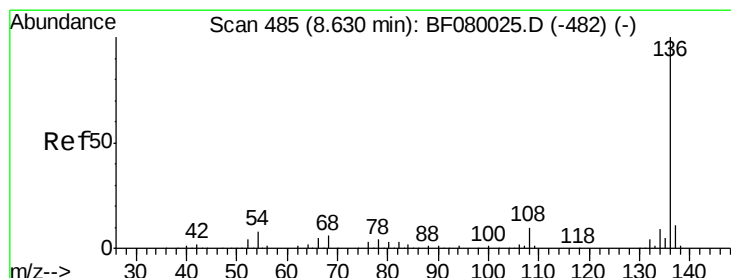
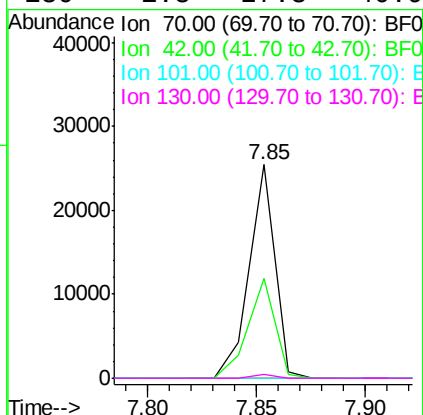




#19
n-Nitroso-di-n-propylamine
Concen: 8.81 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080206.D
Acq: 29 Jun 2015 14:39

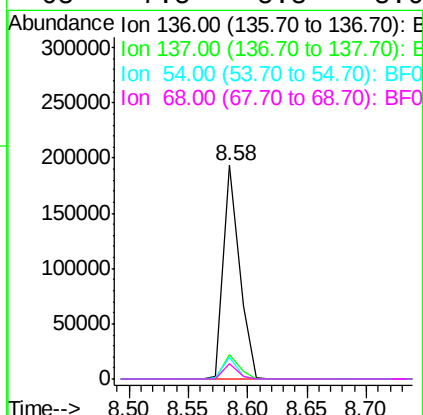
Instrument :
BNA_F
ClientSampleId :
PB84255BL

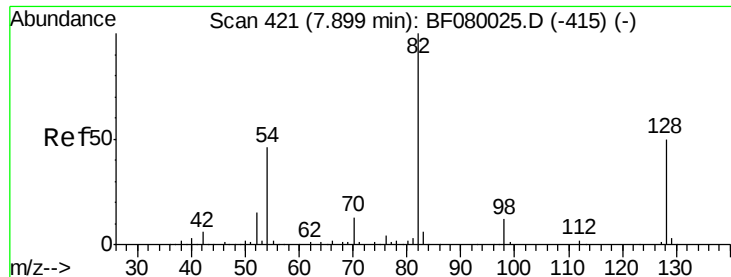
Tgt Ion: 70 Resp: 20892
Ion Ratio Lower Upper
70 100
42 46.9 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080206.D
Acq: 29 Jun 2015 14:39

Tgt Ion: 136 Resp: 181923
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.0 8.2 12.2
68 7.5 5.8 8.6

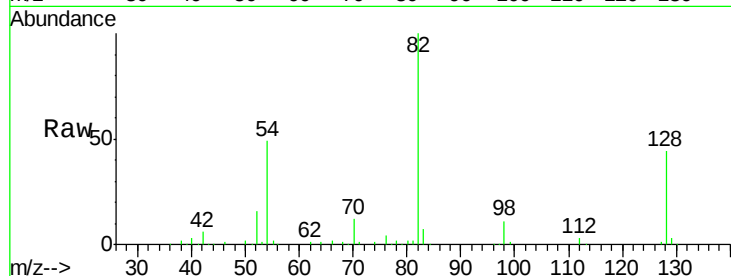




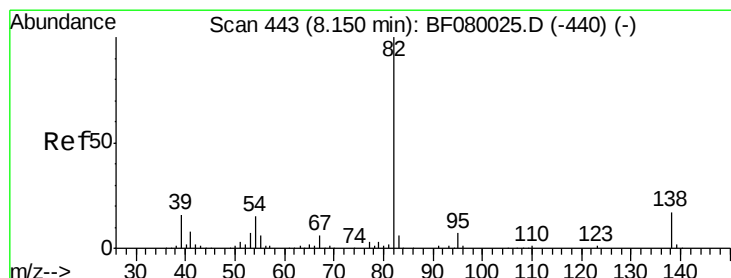
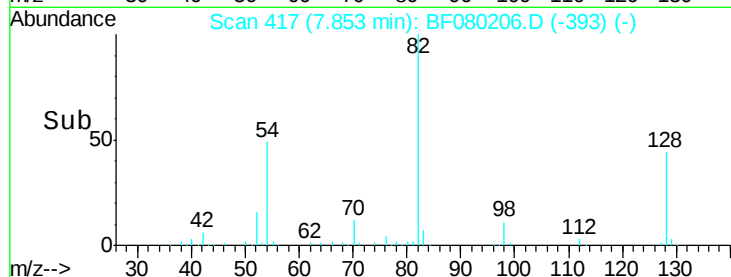
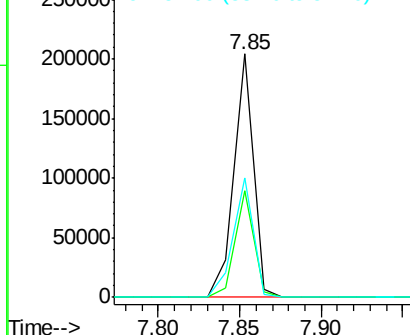
#23
Nitrobenzene-d5
Concen: 53.47 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080206.D
Acq: 29 Jun 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB84255BL

Tgt Ion: 82 Resp: 167080
Ion Ratio Lower Upper
82 100
128 44.0 51.0 76.6#
54 49.0 47.5 71.3

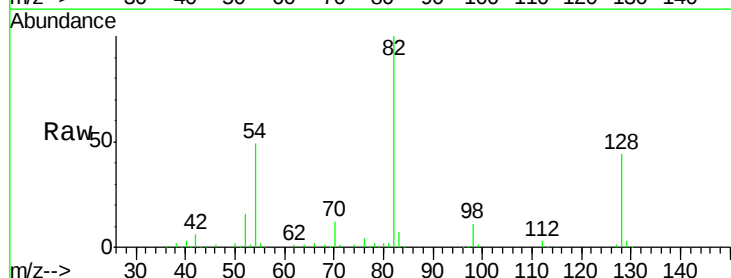


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

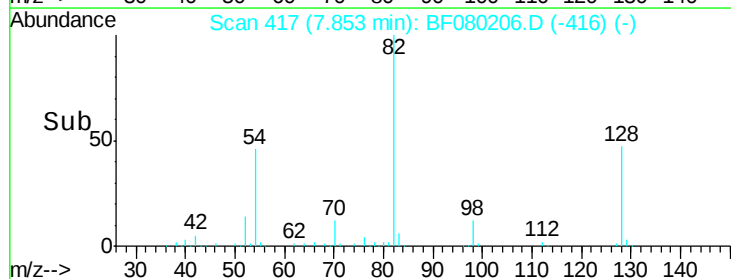
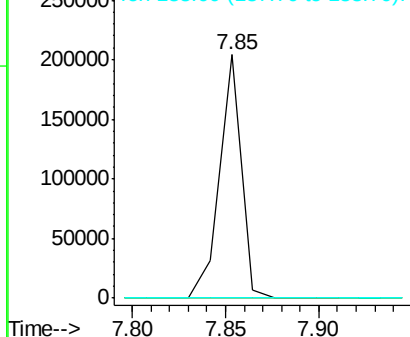


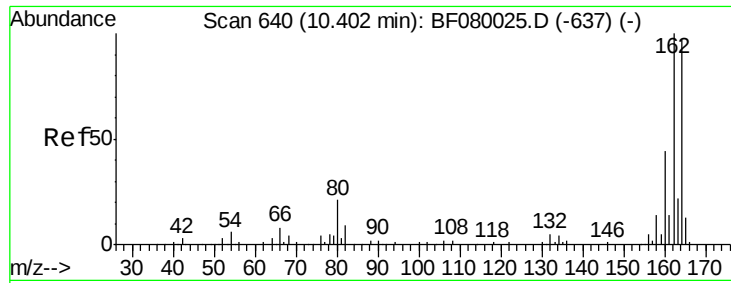
#25
Isophorone
Concen: 26.57 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.29 min
Lab File: BF080206.D
Acq: 29 Jun 2015 14:39

Tgt Ion: 82 Resp: 167071
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

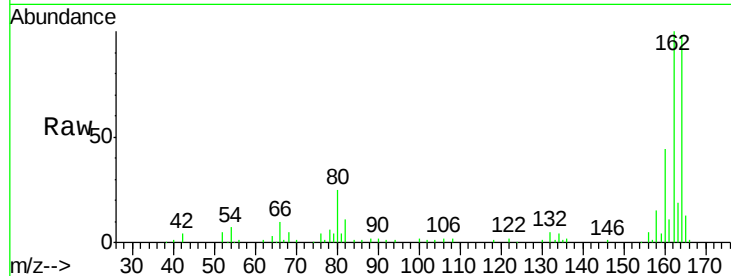




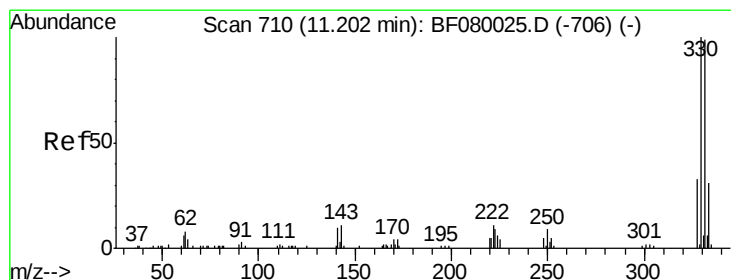
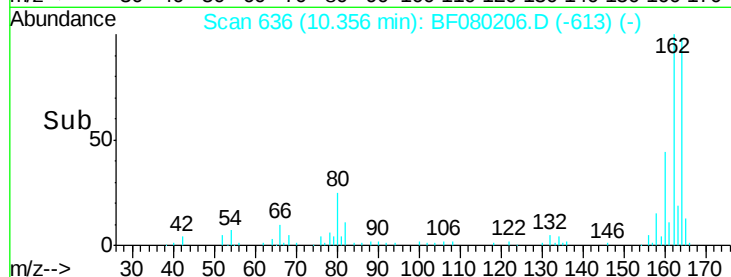
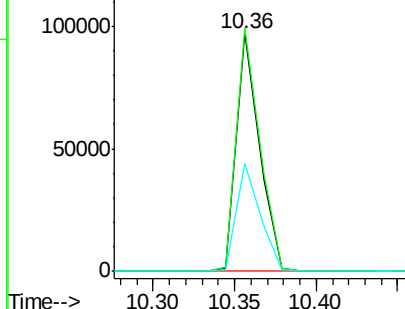
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BL

Tgt Ion:164 Resp: 94191
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 45.1 31.5 47.3

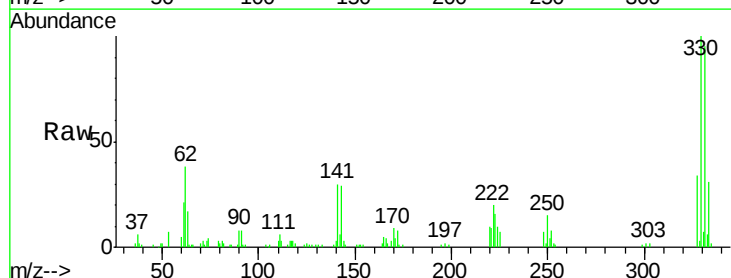


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

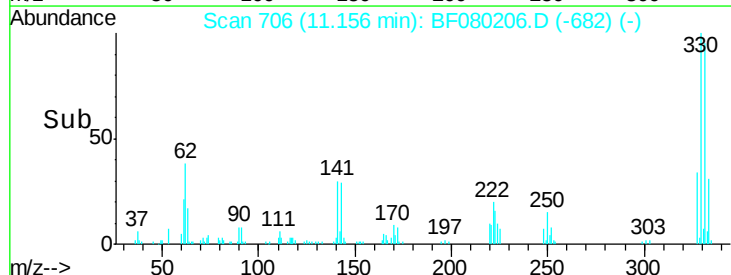
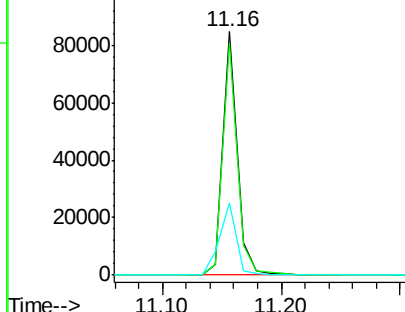


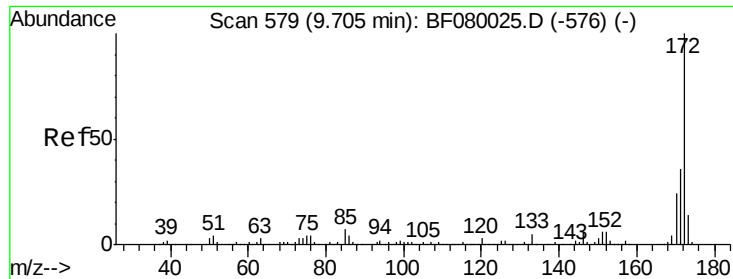
#41
 2,4,6-Tribromophenol
 Concen: 76.92 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

Tgt Ion:330 Resp: 70850
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 33.9 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

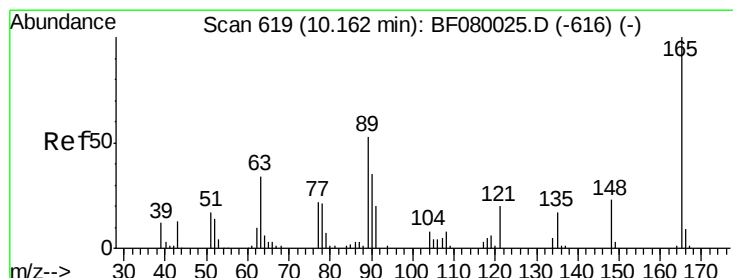
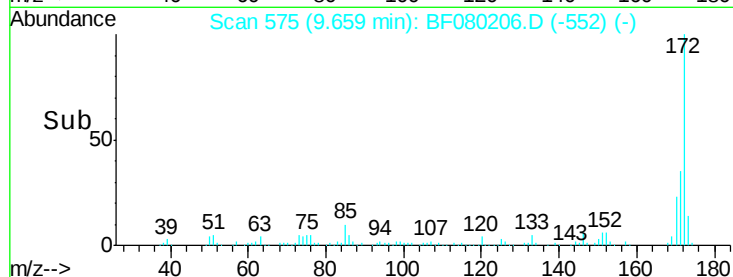
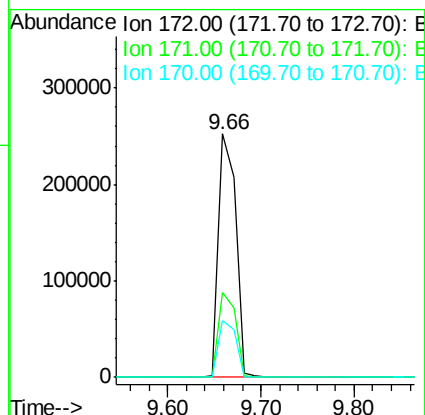
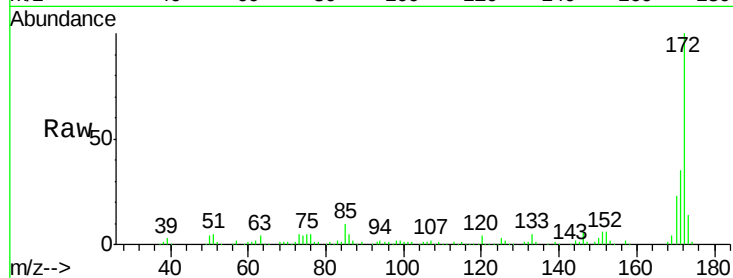




#44
 2-Fluorobiphenyl
 Concen: 48.78 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

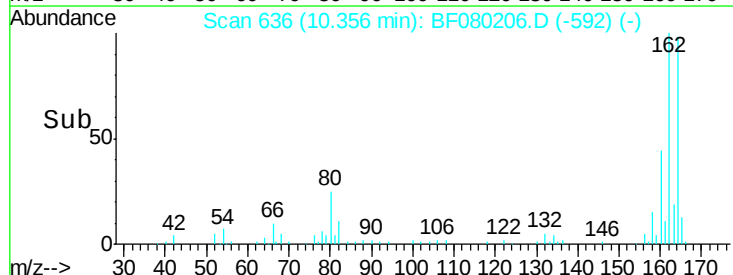
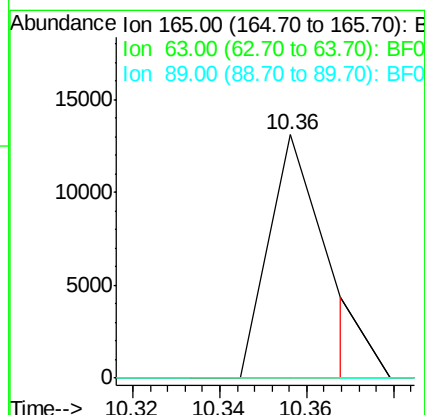
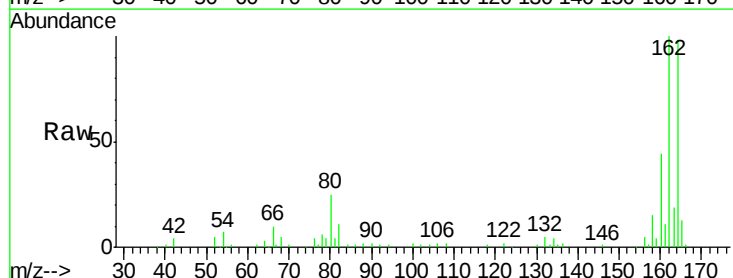
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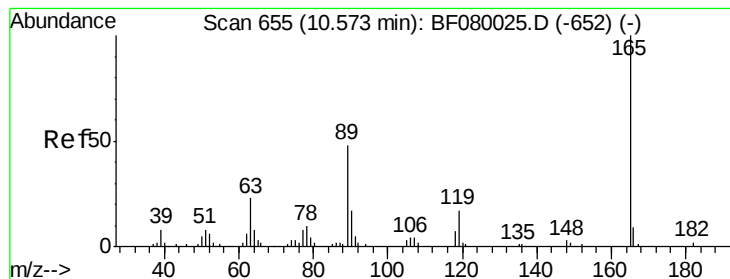
Tgt Ion:172 Resp: 322176
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 23.1 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.45 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

Tgt Ion:165 Resp: 11990
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

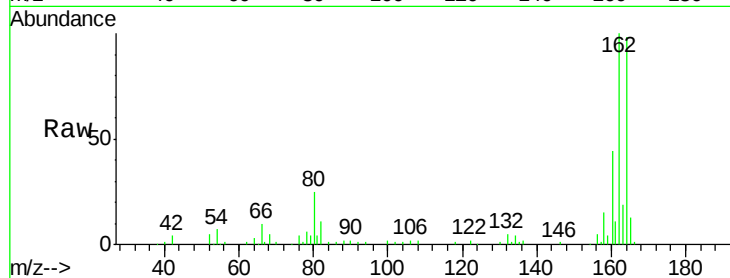




#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BL

Tgt Ion:	165	Resp:	11986
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#

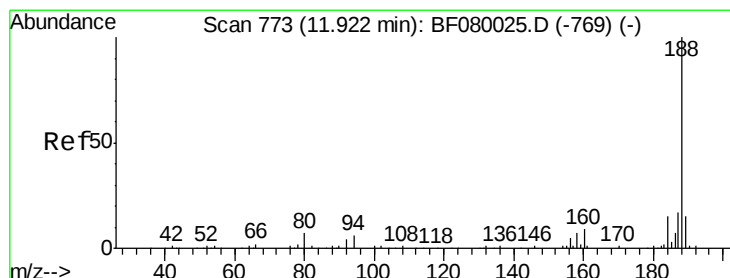
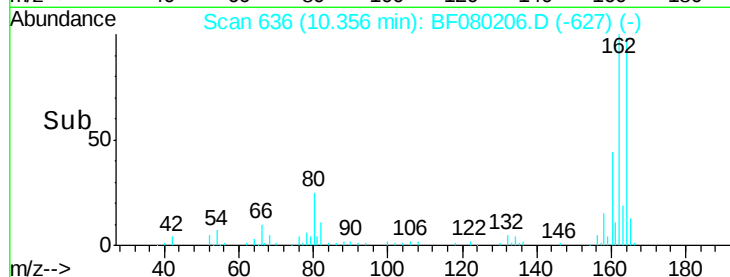
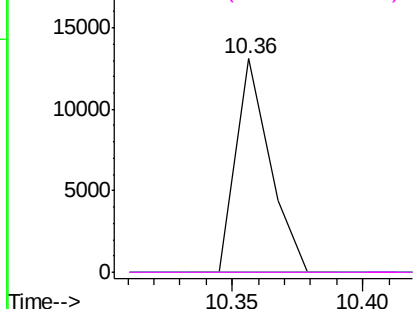


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

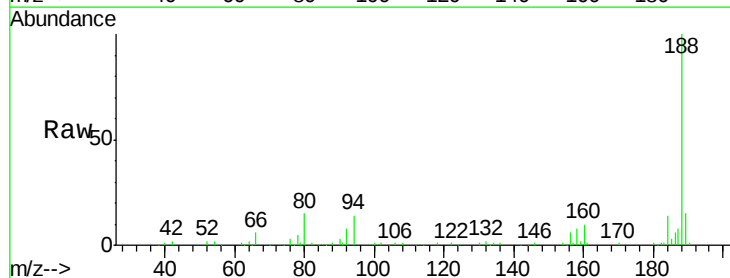
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

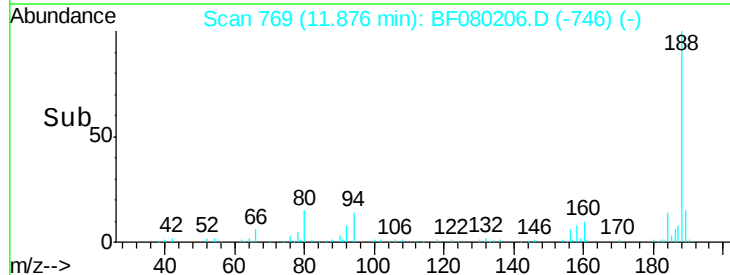
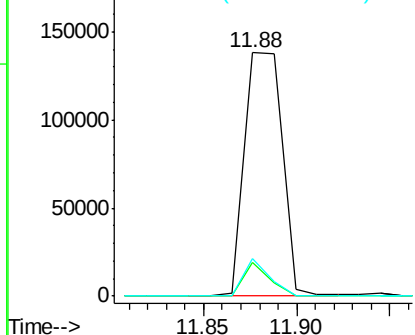
Tgt Ion:	188	Resp:	193836
Ion Ratio	Lower	Upper	
188	100		
94	13.6	11.1	16.7
80	15.5	11.0	16.4

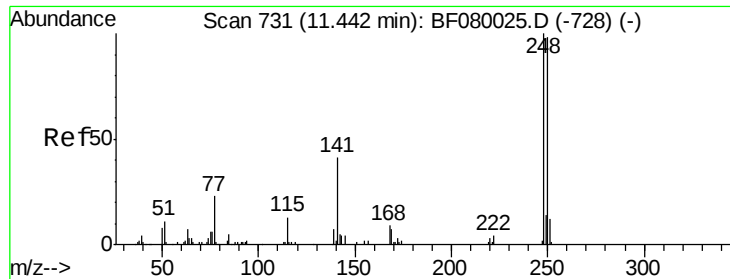


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

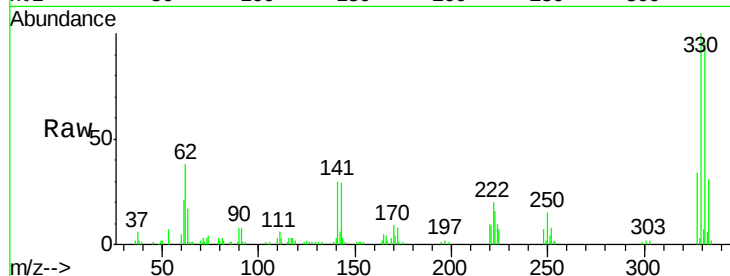




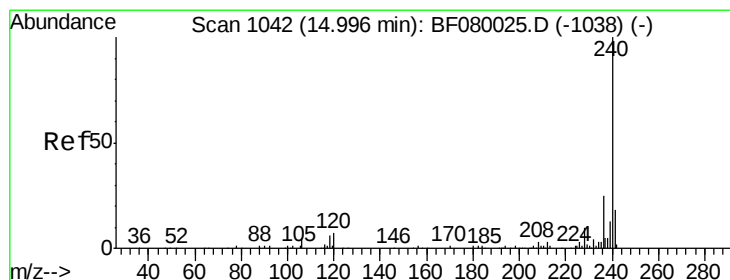
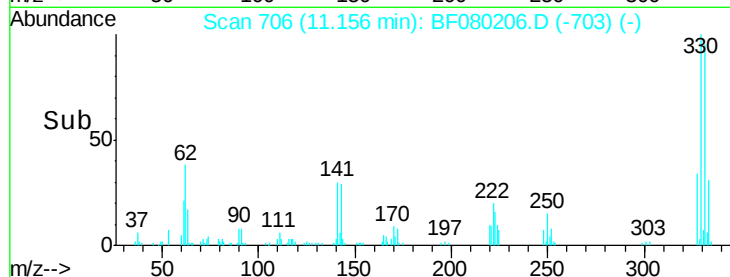
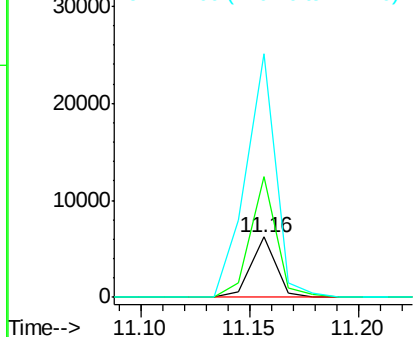
#66
4-Bromophenyl-phenylether
Concen: 2.40 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.26 min
Lab File: BF080206.D
Acq: 29 Jun 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB84255BL

Tgt Ion:248 Resp: 4955
Ion Ratio Lower Upper
248 100
250 200.6 78.5 117.7#
141 403.9 59.0 88.6#

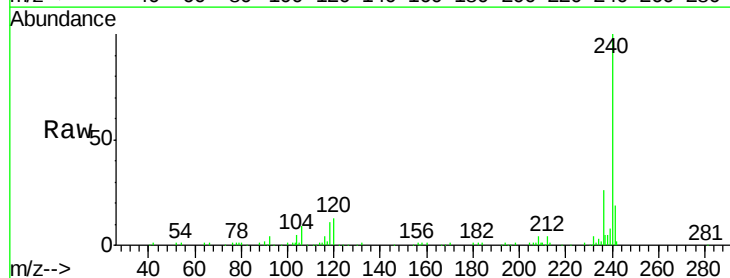


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

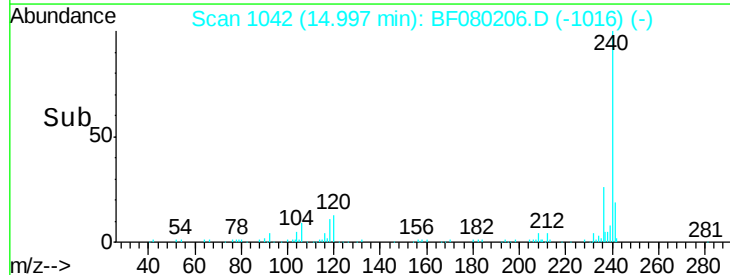
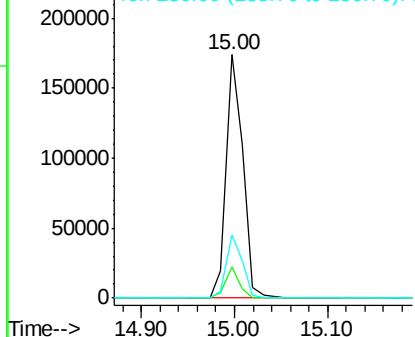


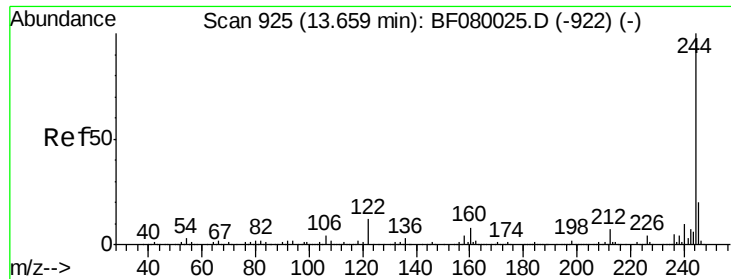
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080206.D
Acq: 29 Jun 2015 14:39

Tgt Ion:240 Resp: 216858
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 26.1 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

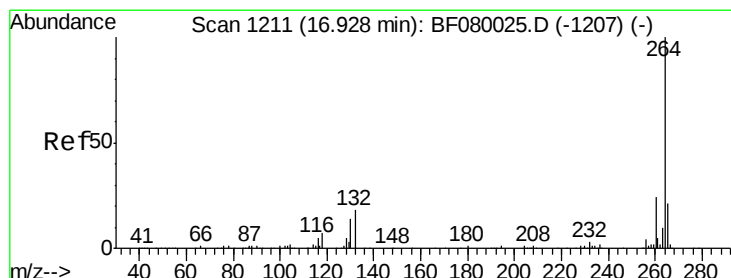
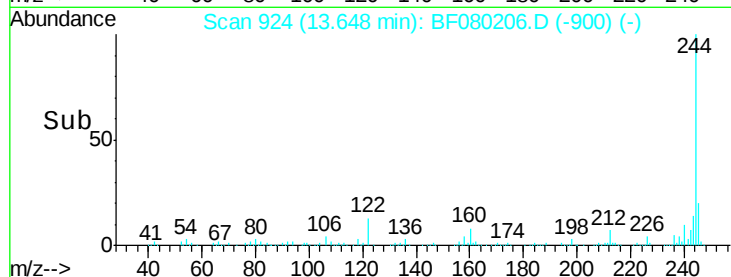
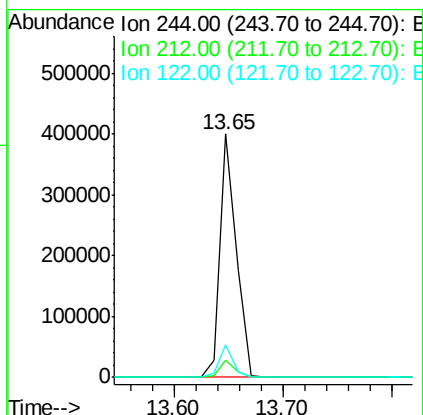
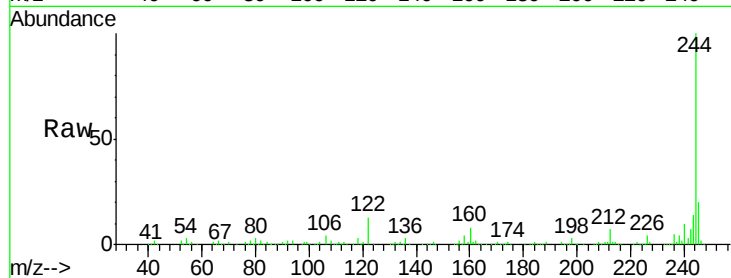




#78
 Terphenyl-d14
 Concen: 45.01 ng
 RT: 13.65 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BL

Tgt Ion:244 Resp: 417941
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 13.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.96 min Scan# 1214
 Delta R.T. 0.03 min
 Lab File: BF080206.D
 Acq: 29 Jun 2015 14:39

Tgt Ion:264 Resp: 227152
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.5 17.2 25.8

