

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080160.D
 Acq On : 25 Jun 2015 12:25
 Operator : TP/IZ
 Sample : G2758-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMEAST-062315RE

Quant Time: Jun 26 01:18:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

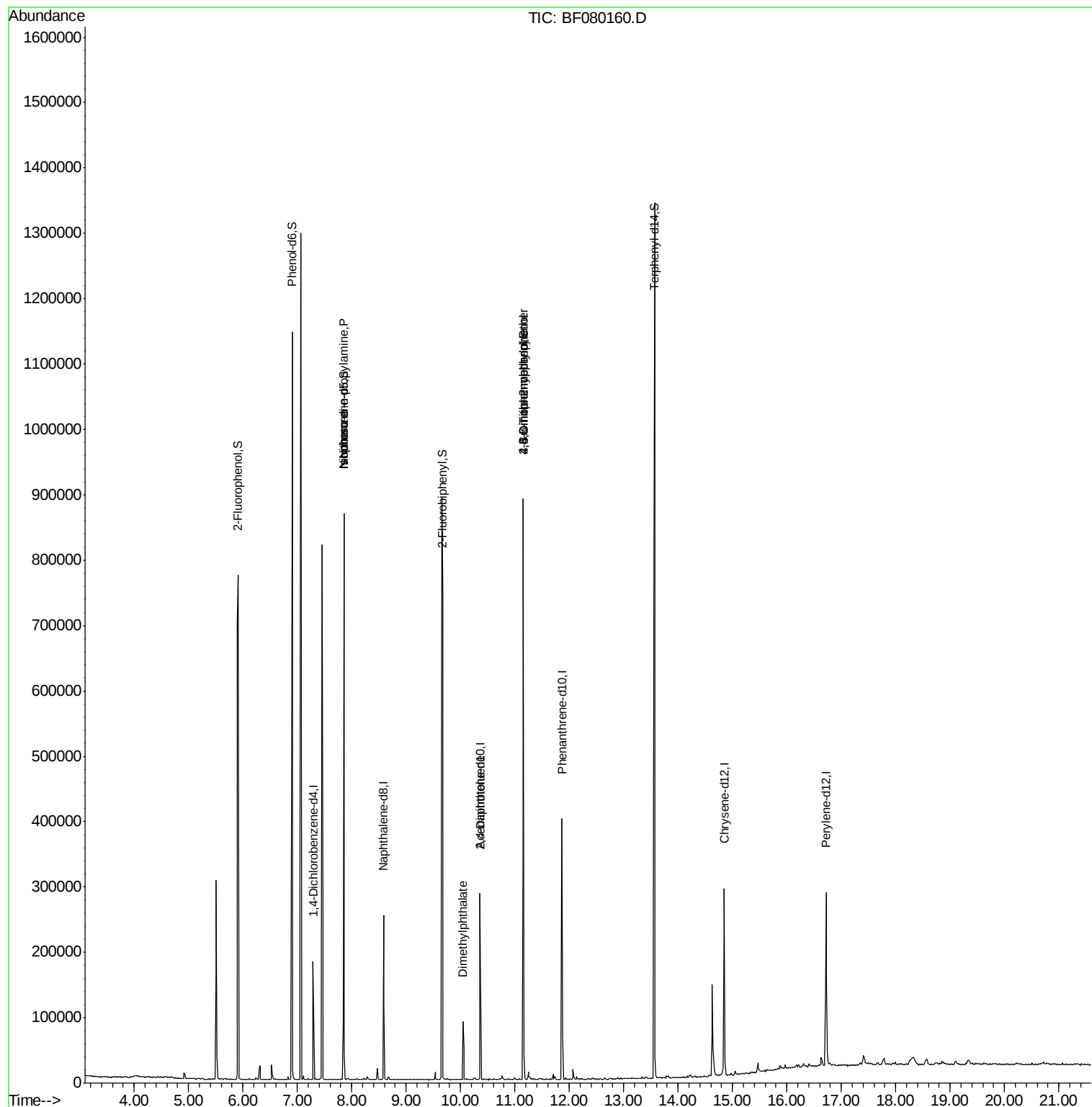
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30691	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	125665	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	62595	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	137355	20.00	ng	0.00
75) Chrysene-d12	14.85	240	147271	20.00	ng	0.02
86) Perylene-d12	16.72	264	145313	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	298345	172.08	ng	0.01
7) Phenol-d6	6.90	99	422218	183.00	ng	0.00
23) Nitrobenzene-d5	7.85	82	238641	110.55	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	107848	176.20	ng	0.00
44) 2-Fluorobiphenyl	9.67	172	398452	90.78	ng	0.00
78) Terphenyl-d14	13.57	244	544513	86.35	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	30965	19.33	ng	# 59
25) Isophorone	7.85	82	218600	50.32	ng	# 58
49) Dimethylphthalate	10.05	163	44510	9.46	ng	# 97
56) 2,4-Dinitrotoluene	10.36	165	8080	6.75	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.16	198	238	3.91	ng	# 1
66) 4-Bromophenyl-phenylether	11.16	248	8152	5.58	ng	# 1

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

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Quant Time: Jun 26 01:18:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF080160.D

Acq: 25 Jun 2015 12:25

Instrument :

BNA_F

ClientSampleId :

BOTTOMEAST-062315RE

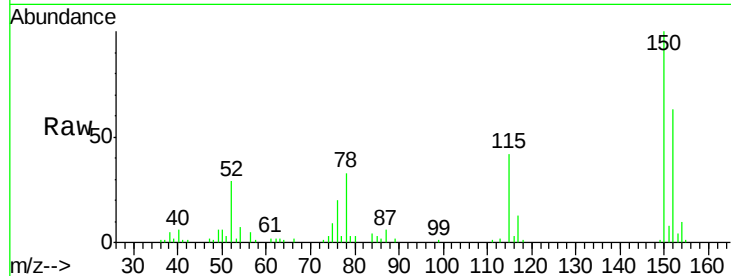
Tgt Ion:152 Resp: 30691

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

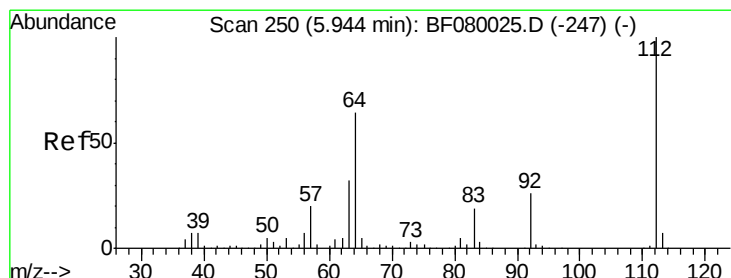
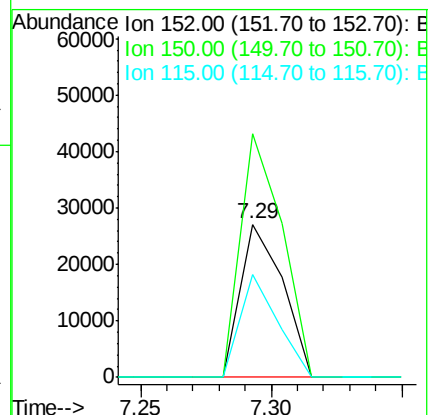
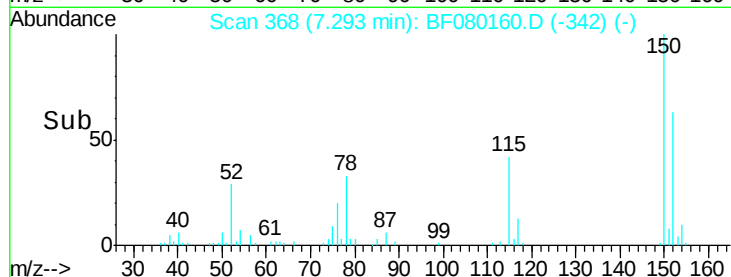
115 67.7 39.0 58.4#



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: 172.08 ng

RT: 5.91 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF080160.D

Acq: 25 Jun 2015 12:25

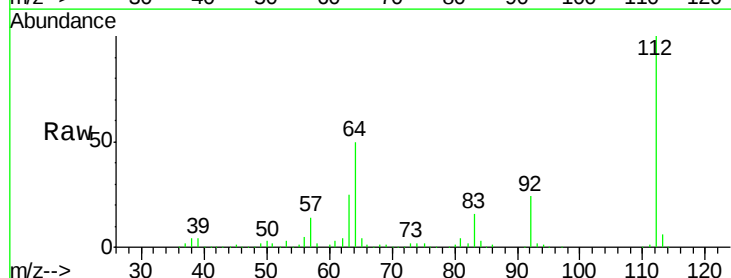
Tgt Ion:112 Resp: 298345

Ion Ratio Lower Upper

112 100

64 50.2 39.7 59.5

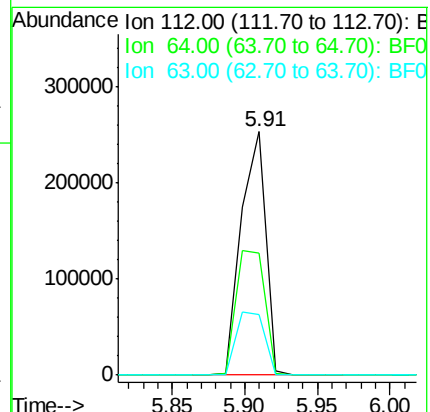
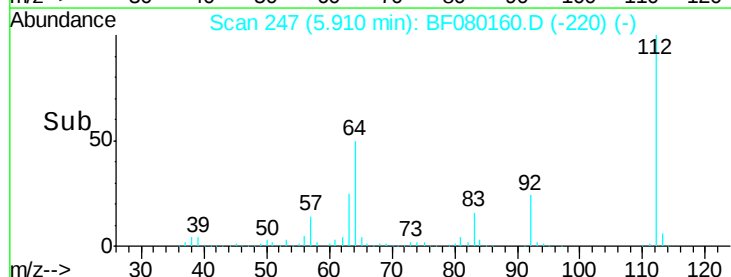
63 25.0 17.4 26.0

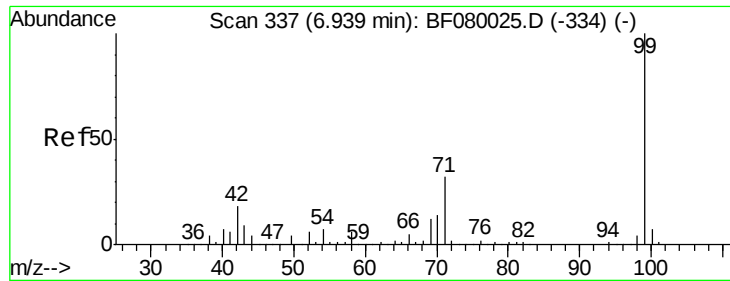


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 183.00 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF080160.D

Acq: 25 Jun 2015 12:25

Instrument :

BNA_F

ClientSampleId :

BOTTOMEAST-062315RE

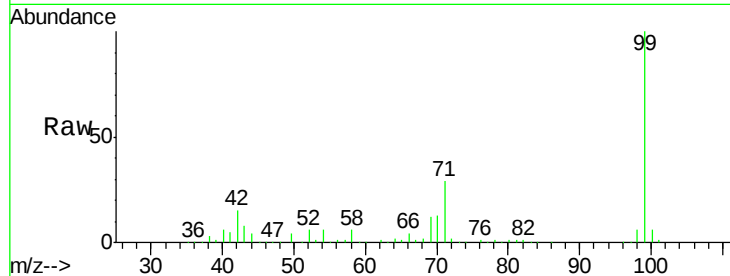
Tgt Ion: 99 Resp: 422218

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

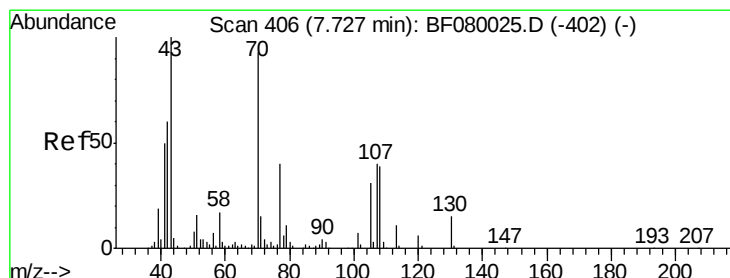
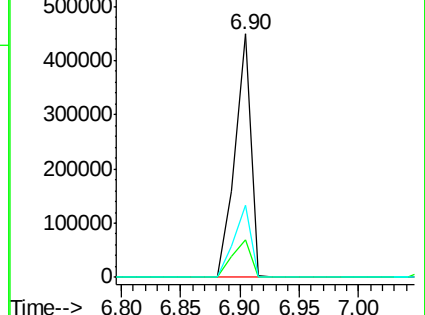
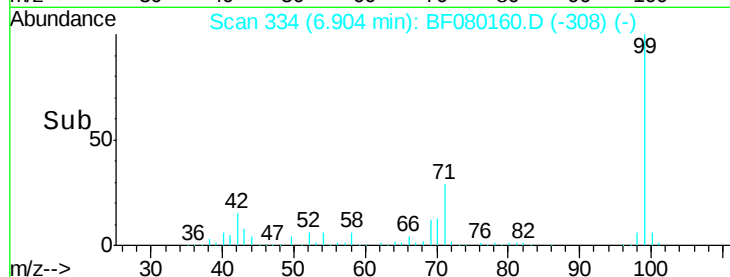
71 29.4 14.2 21.2#



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: 19.33 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080160.D

Acq: 25 Jun 2015 12:25

Tgt Ion: 70 Resp: 30965

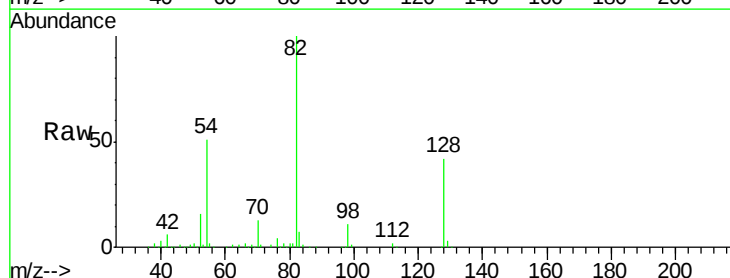
Ion Ratio Lower Upper

70 100

42 48.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

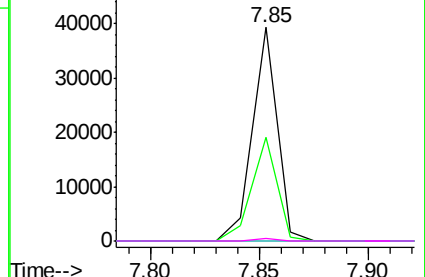
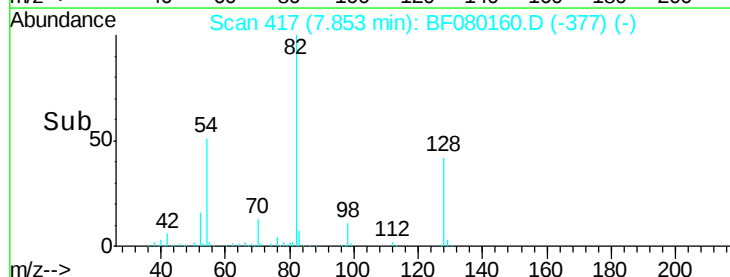


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

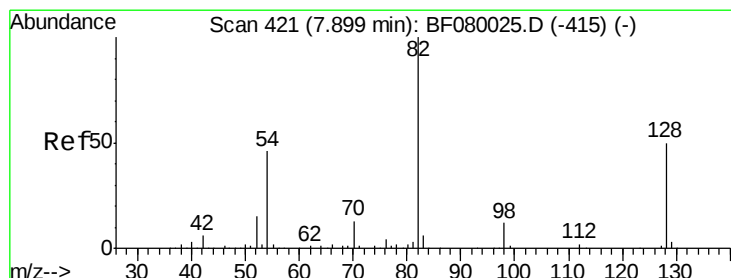
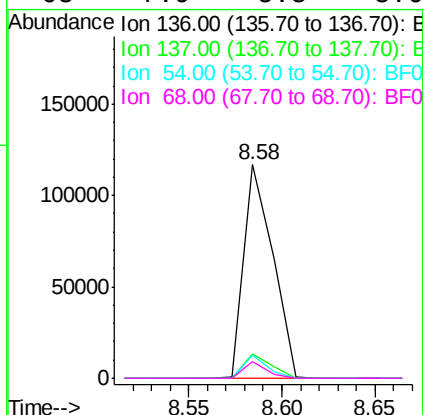
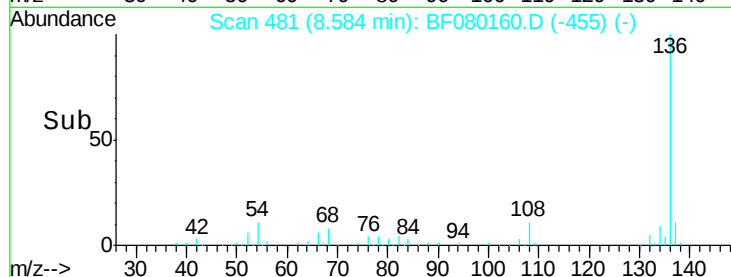
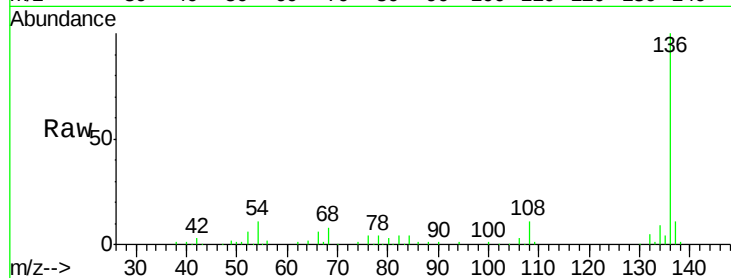




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

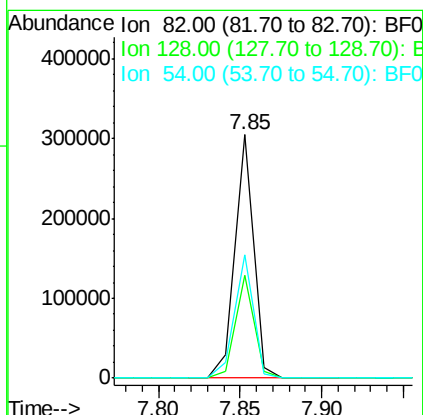
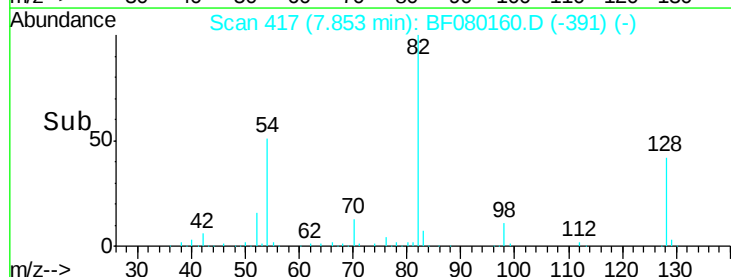
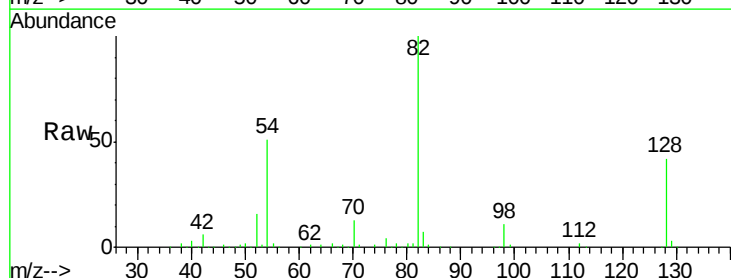
Instrument :
BNA_F
ClientSampleId :
BOTTOMEAST-062315RE

Tgt Ion:	136	Resp:	125665
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.8	8.2	12.2
68	7.9	5.8	8.6



#23
Nitrobenzene-d5
Concen: 110.55 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Tgt Ion:	82	Resp:	238641
Ion	Ratio	Lower	Upper
82	100		
128	42.0	51.0	76.6#
54	50.6	47.5	71.3





#25

Isophorone

Concen: 50.32 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.26 min

Lab File: BF080160.D

Acq: 25 Jun 2015 12:25

Instrument :

BNA_F

ClientSampleId :

BOTTOMEAST-062315RE

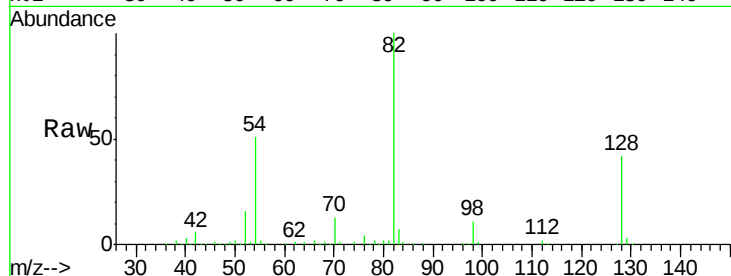
Tgt Ion: 82 Resp: 218600

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

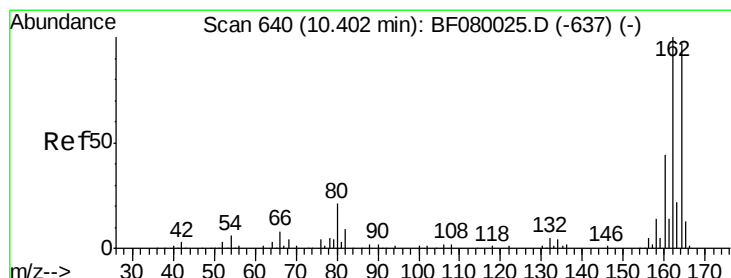
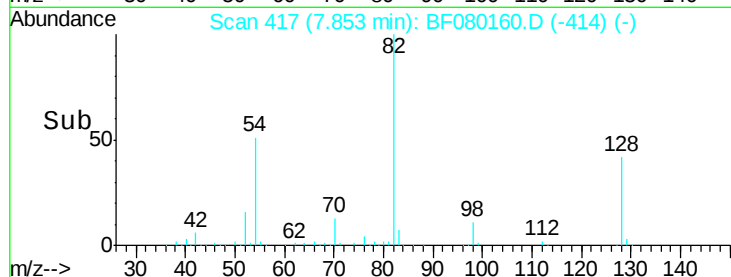


Abundance Ion 82.00 (81.70 to 82.70): BF080160.D (-414) (-)

Ion 95.00 (94.70 to 95.70): BF080160.D (-414) (-)

Ion 138.00 (137.70 to 138.70): BF080160.D (-414) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF080160.D

Acq: 25 Jun 2015 12:25

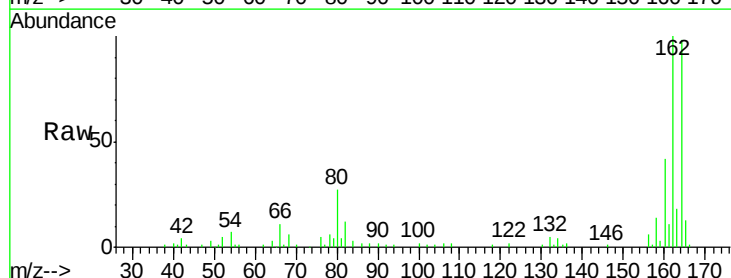
Tgt Ion: 164 Resp: 62595

Ion Ratio Lower Upper

164 100

162 101.9 75.2 112.8

160 42.9 31.5 47.3

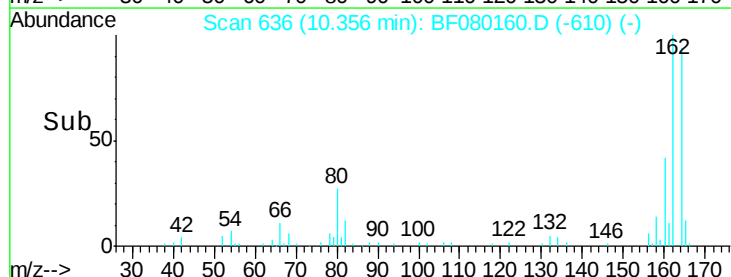


Abundance Ion 164.00 (163.70 to 164.70): BF080160.D (-610) (-)

Ion 162.00 (161.70 to 162.70): BF080160.D (-610) (-)

Ion 160.00 (159.70 to 160.70): BF080160.D (-610) (-)

Time-->

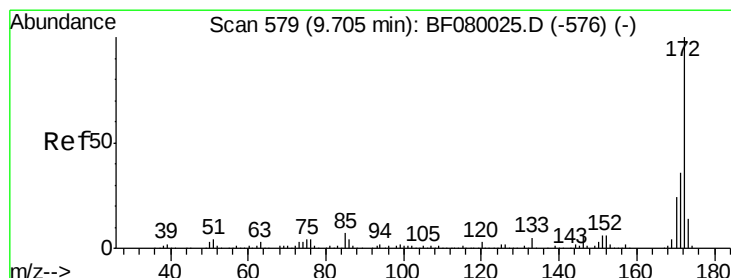
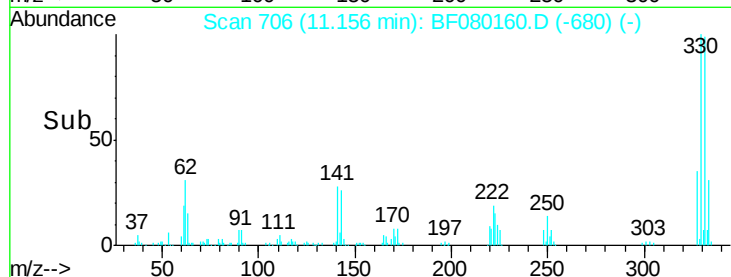
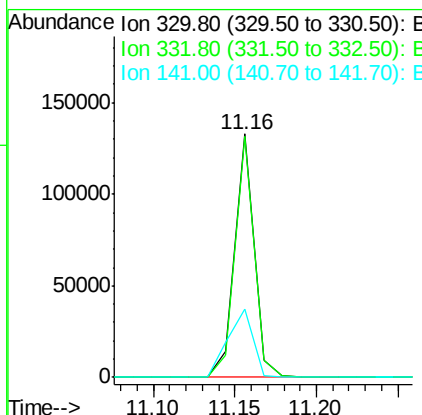
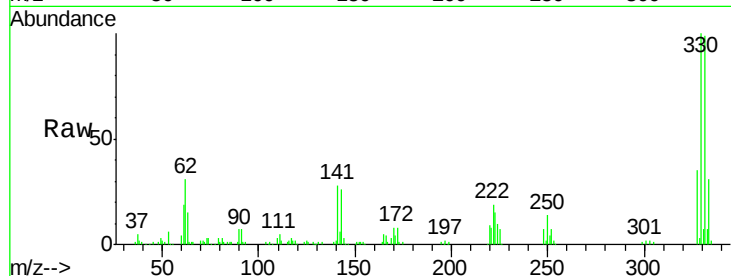




#41
 2,4,6-Tribromophenol
 Concen: 176.20 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080160.D
 Acq: 25 Jun 2015 12:25

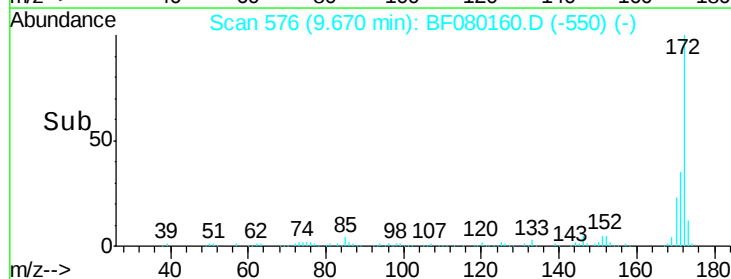
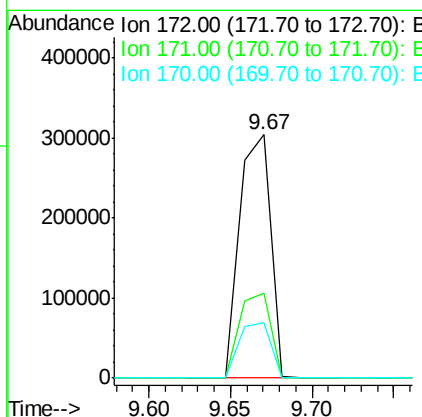
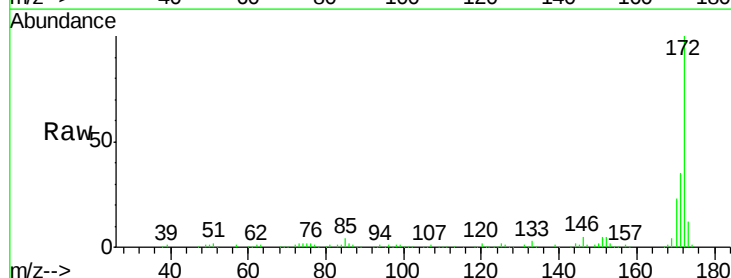
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMEAST-062315RE

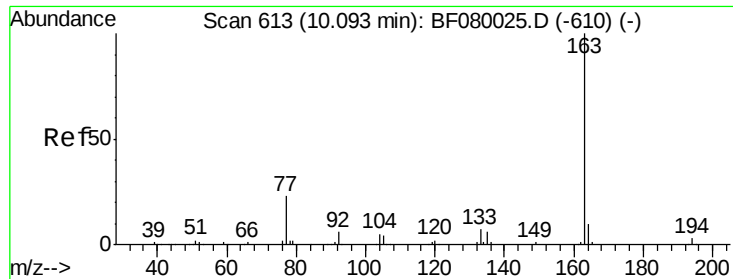
Tgt Ion:330 Resp: 107848
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 36.6 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF080160.D
 Acq: 25 Jun 2015 12:25

Tgt Ion:172 Resp: 398452
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 22.8 17.4 26.2

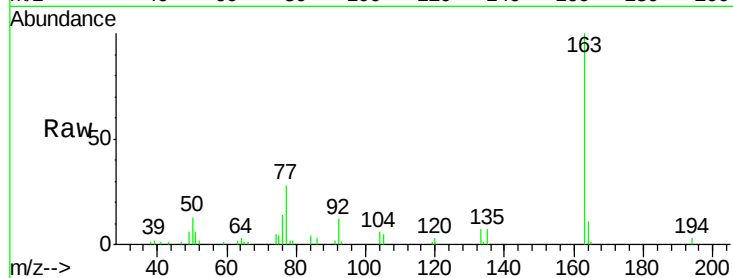




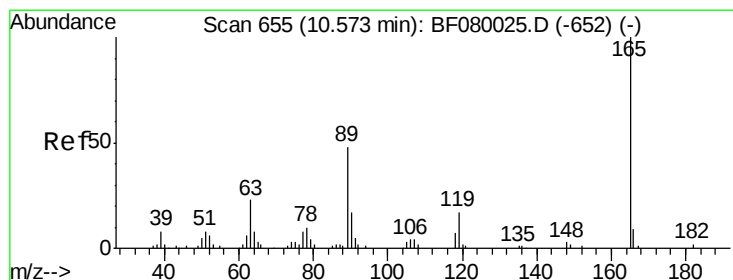
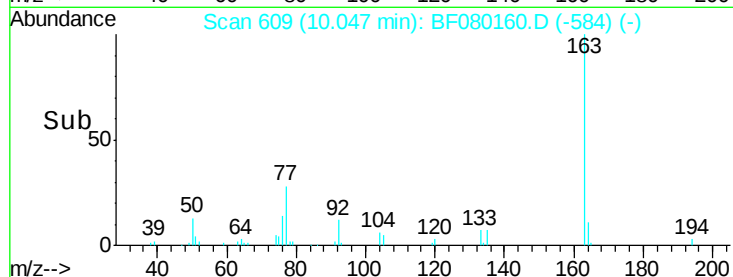
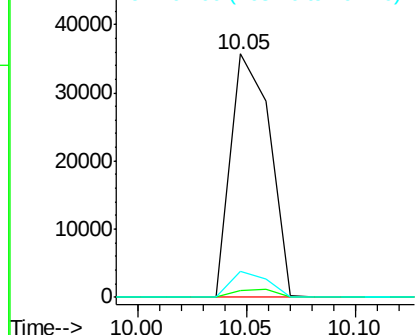
#49
Dimethylphthalate
Concen: 9.46 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Instrument :
BNA_F
ClientSampleId :
BOTTOMEAST-062315RE

Tgt Ion:163 Resp: 44510
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.8 8.3 12.5

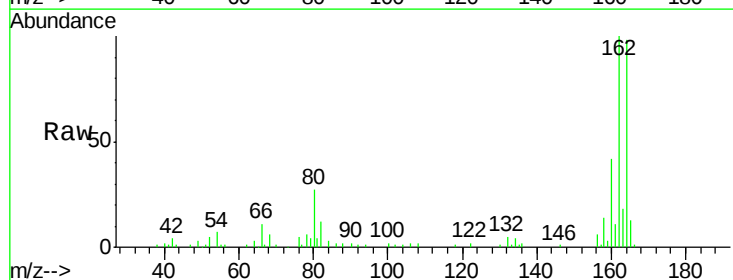


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

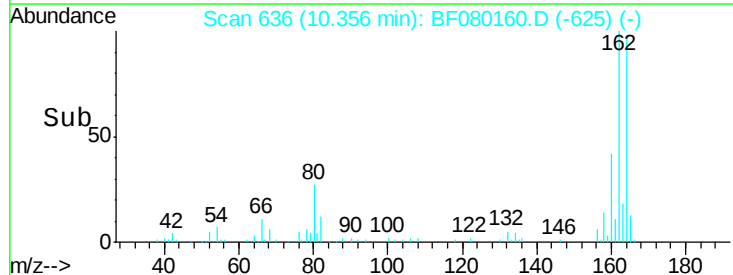
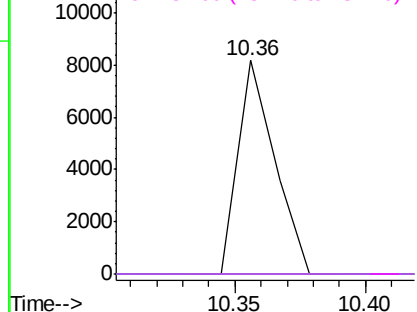


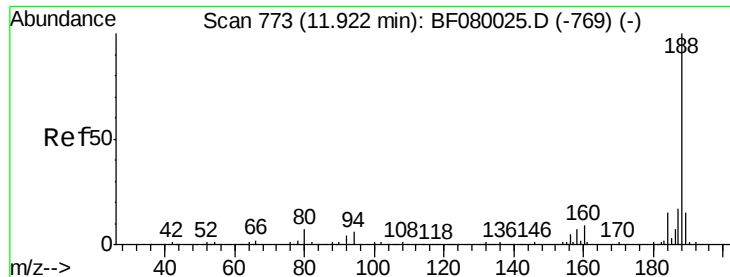
#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.17 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Tgt Ion:165 Resp: 8080
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

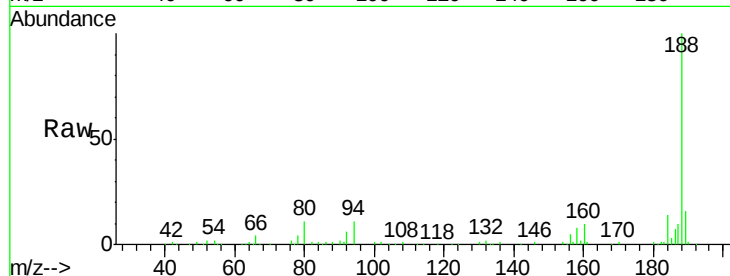




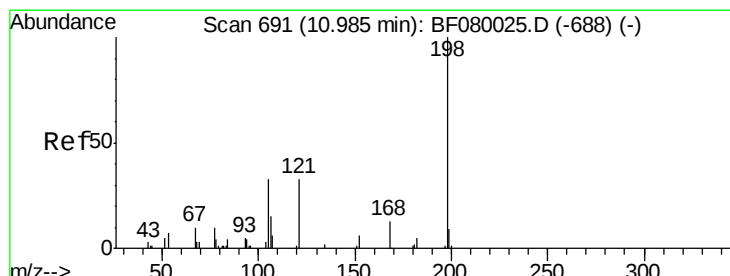
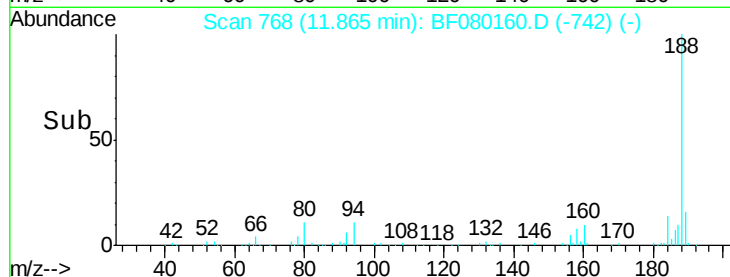
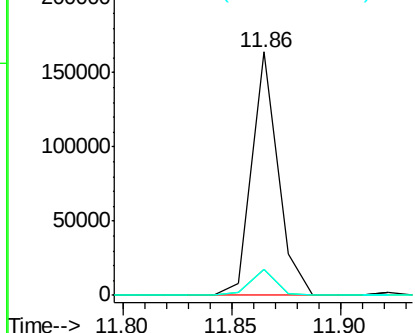
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Instrument :
BNA_F
ClientSampleId :
BOTTOMEAST-062315RE

Tgt Ion:188 Resp: 137355
Ion Ratio Lower Upper
188 100
94 10.7 11.1 16.7#
80 10.8 11.0 16.4#

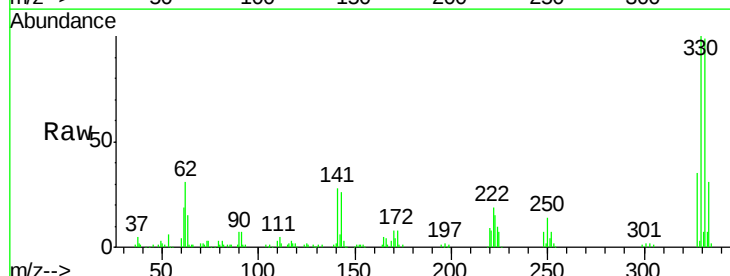


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

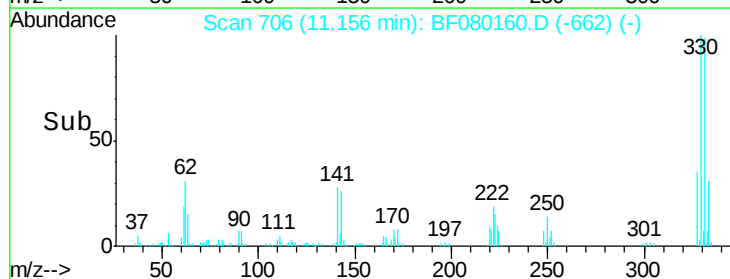
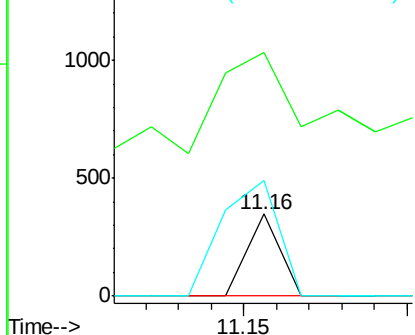


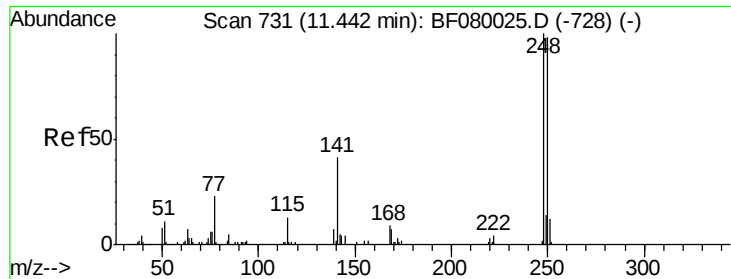
#64
4,6-Dinitro-2-methylphenol
Concen: 3.91 ng
RT: 11.16 min Scan# 706
Delta R.T. 0.21 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Tgt Ion:198 Resp: 238
Ion Ratio Lower Upper
198 100
51 297.7 39.6 79.6#
105 142.1 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

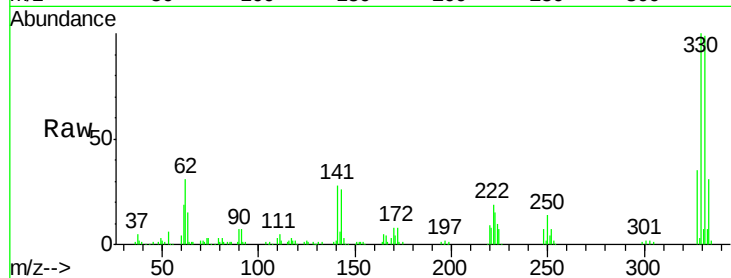




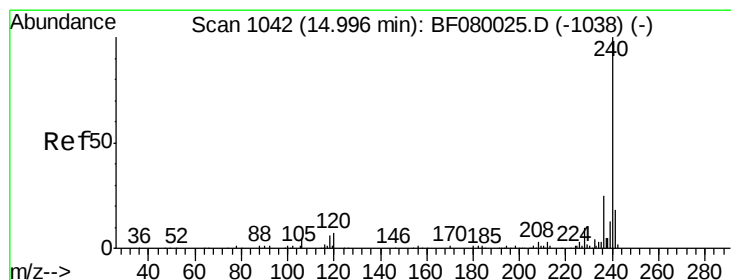
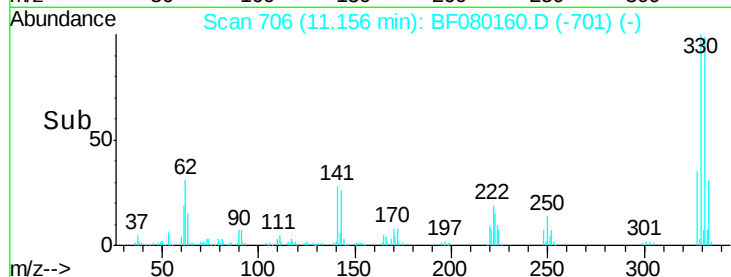
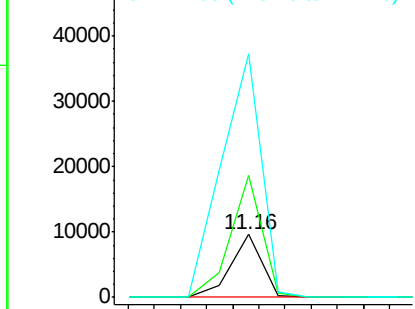
#66
4-Bromophenyl-phenylether
Concen: 5.58 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.24 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Instrument :
BNA_F
ClientSampleId :
BOTTOMEAST-062315RE

Tgt Ion:248 Resp: 8152
Ion Ratio Lower Upper
248 100
250 193.3 78.5 117.7#
141 386.3 59.0 88.6#

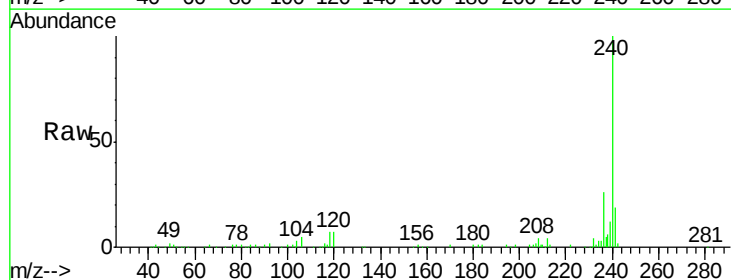


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

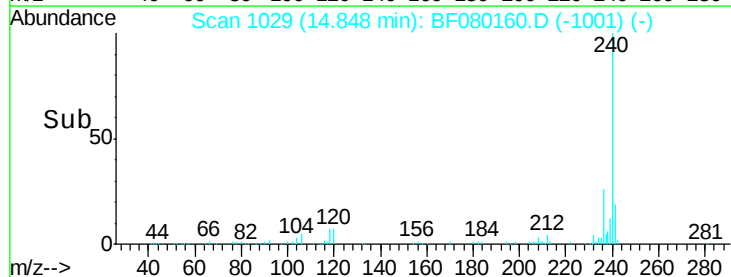
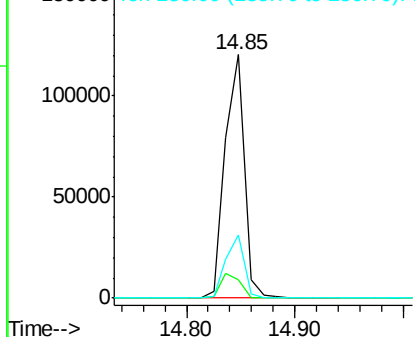


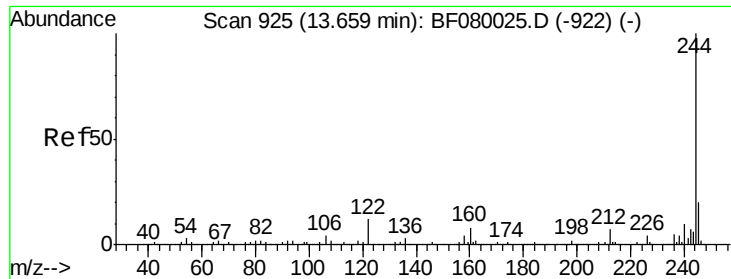
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.85 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF080160.D
Acq: 25 Jun 2015 12:25

Tgt Ion:240 Resp: 147271
Ion Ratio Lower Upper
240 100
120 7.3 16.2 24.2#
236 25.8 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

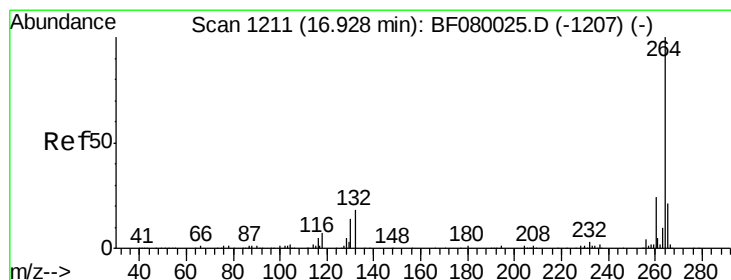
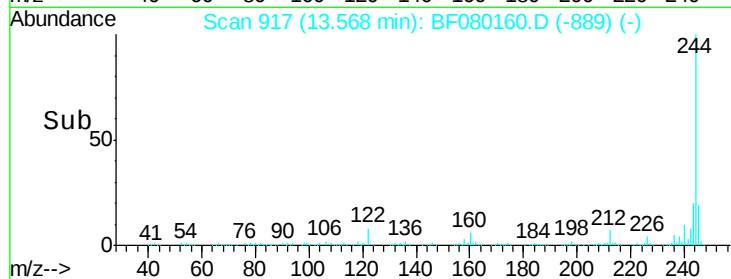
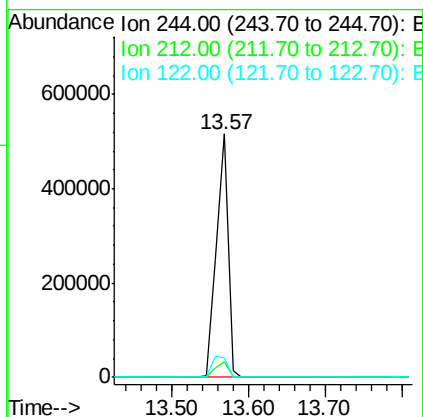
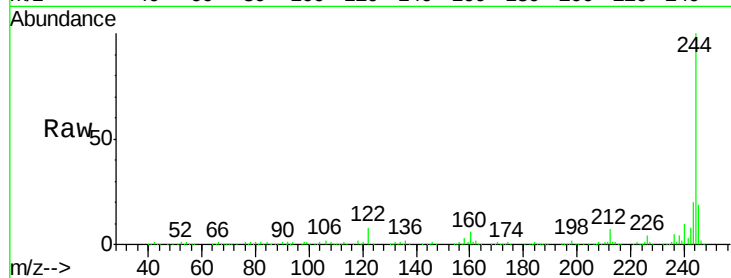




#78
 Terphenyl-d14
 Concen: 86.35 ng
 RT: 13.57 min Scan# 917
 Delta R.T. 0.02 min
 Lab File: BF080160.D
 Acq: 25 Jun 2015 12:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMEAST-062315RE

Tgt Ion:244 Resp: 544513
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5#
 122 7.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.72 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF080160.D
 Acq: 25 Jun 2015 12:25

Tgt Ion:264 Resp: 145313
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.4 17.2 25.8

