

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082244.D
 Acq On : 13 Oct 2015 5:30
 Operator : UM/IZ
 Sample : G3990-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-011

Quant Time: Oct 13 06:31:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

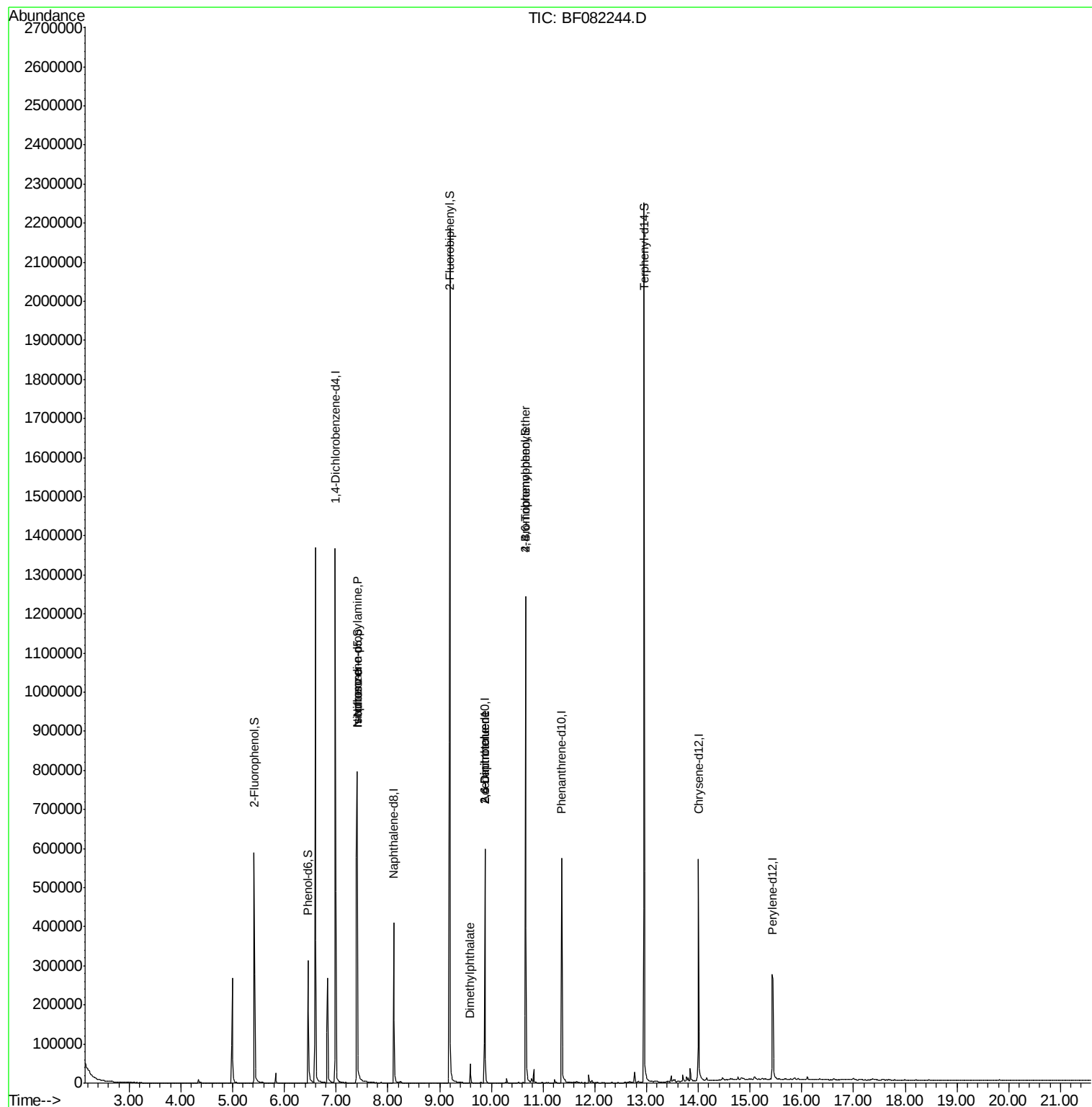
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	237376	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	228380	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	121680	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	244593	20.00	ng	0.00
75) Chrysene-d12	14.00	240	239606	20.00	ng	-0.01
86) Perylene-d12	15.44	264	176320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	199310	16.95	ng	0.00
7) Phenol-d6	6.46	99	150050	9.80	ng	-0.01
23) Nitrobenzene-d5	7.41	82	390189	114.73	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	167027	146.37	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	808312	110.16	ng	0.00
78) Terphenyl-d14	12.95	244	798069	88.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	48630	4.52	ng	# 75
25) Isophorone	7.41	82	396123	57.71	ng	# 66
49) Dimethylphthalate	9.59	163	27251	3.18	ng	99
50) 2,6-Dinitrotoluene	9.87	165	15118	8.36	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	15118	6.69	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	10545	4.31	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082244.D
Acq On : 13 Oct 2015 5:30
Operator : UM/IZ
Sample : G3990-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PO-011

Quant Time: Oct 13 06:31:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF082244.D

Acq: 13 Oct 2015 5:30

Instrument :

BNA_F

ClientSampleId :

PO-011

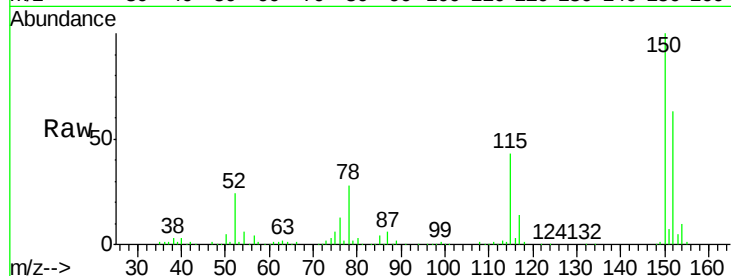
Tot Ion:152 Resp: 237376

Ion Ratio Lower Upper

152 100

150 158.2 129.0 193.4

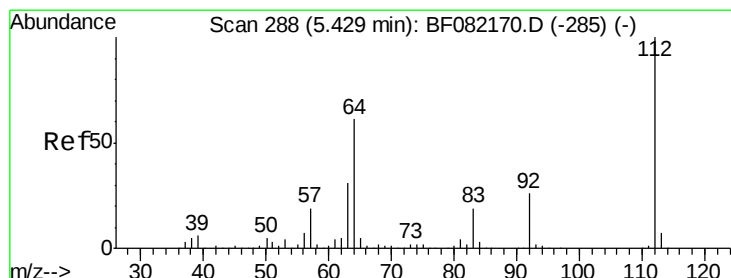
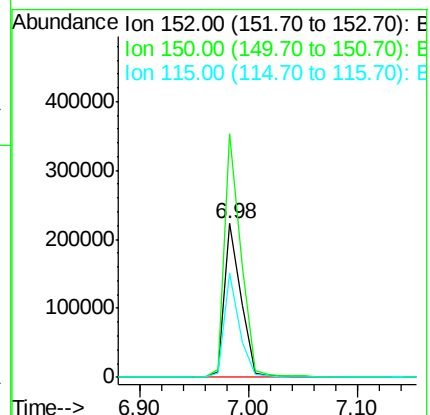
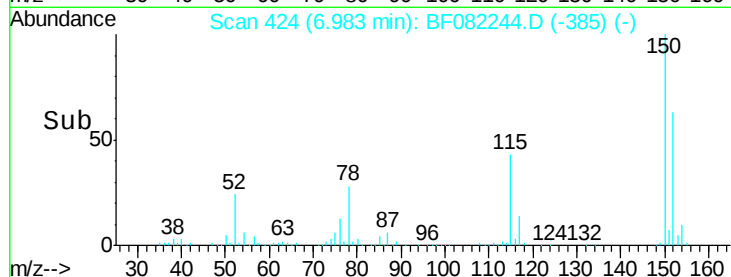
115 67.4 52.1 78.1



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: 16.95 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082244.D

Acq: 13 Oct 2015 5:30

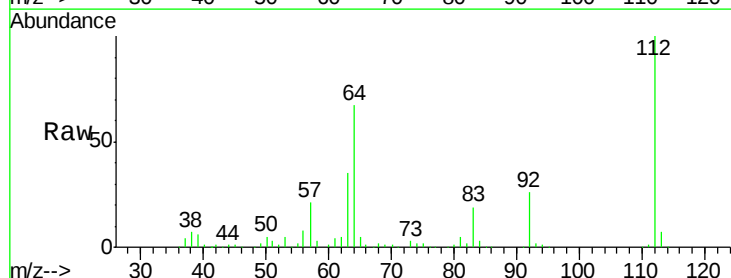
Tgt Ion:112 Resp: 199310

Ion Ratio Lower Upper

112 100

64 66.7 48.6 73.0

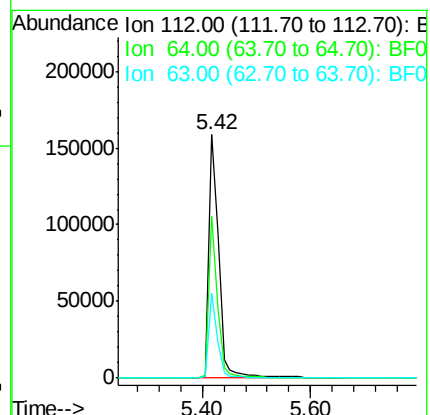
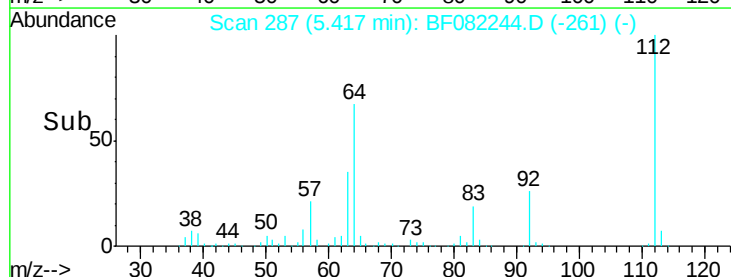
63 35.1 25.1 37.7



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: 9.80 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082244.D

Acq: 13 Oct 2015 5:30

Instrument :

BNA_F

ClientSampleId :

PO-011

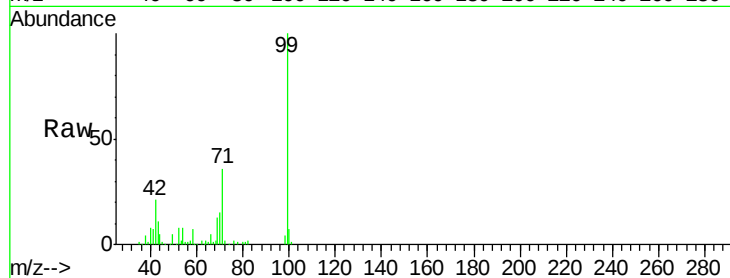
Tot Ion: 99 Resp: 150050

Ion Ratio Lower Upper

99 100

42 21.2 13.2 19.8#

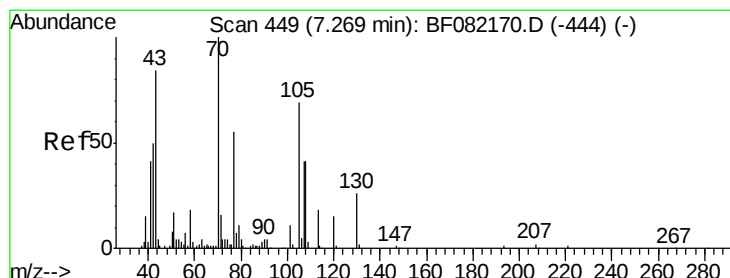
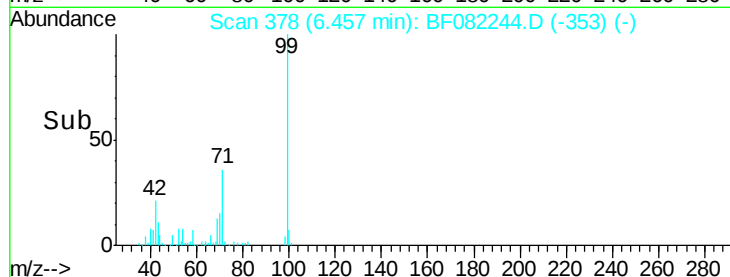
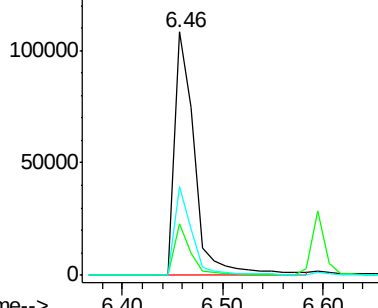
71 36.2 25.6 38.4



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: 4.52 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082244.D

Acq: 13 Oct 2015 5:30

Tgt Ion: 70 Resp: 48630

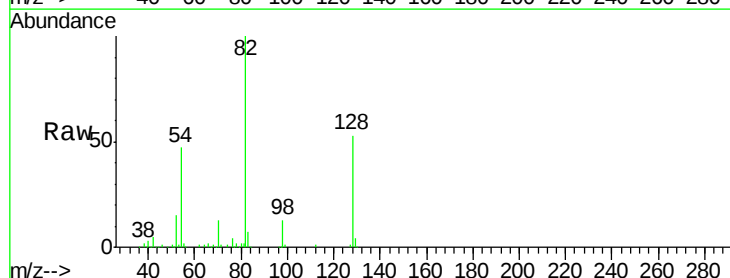
Ion Ratio Lower Upper

70 100

42 40.2 39.8 59.8

101 0.0 8.6 13.0#

130 2.6 20.5 30.7#

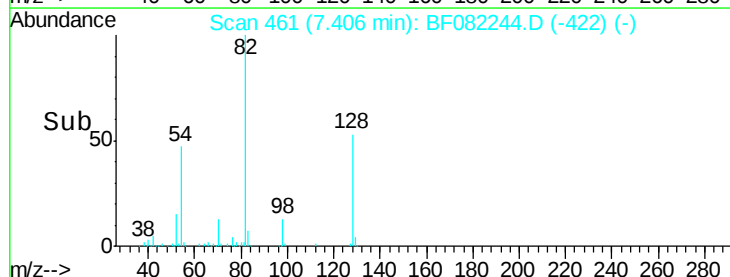
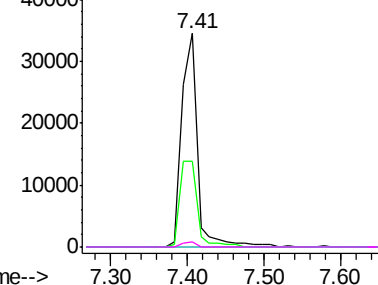


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

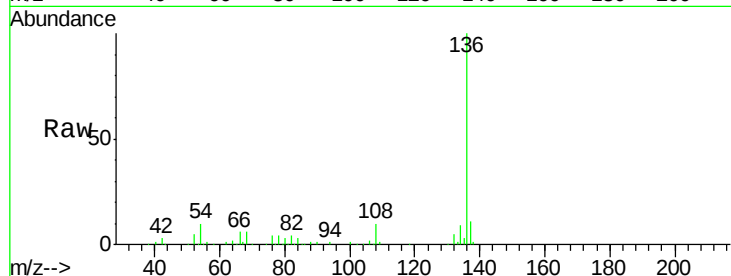




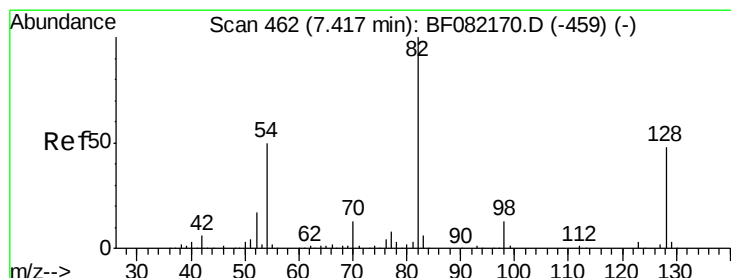
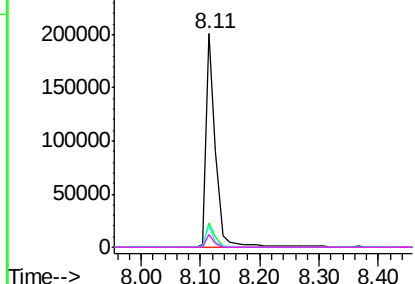
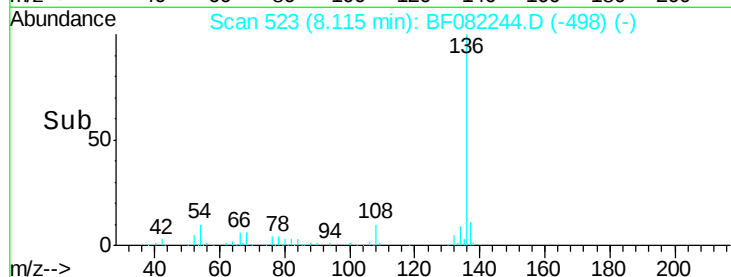
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082244.D
Acq: 13 Oct 2015 5:30

Instrument :
BNA_F
ClientSampleId :
PO-011

Tot Ion:136	Resp:	228380
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	10.0	7.5 11.3
68	5.9	4.6 7.0

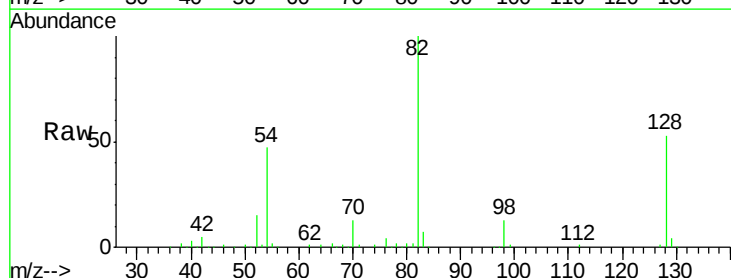


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

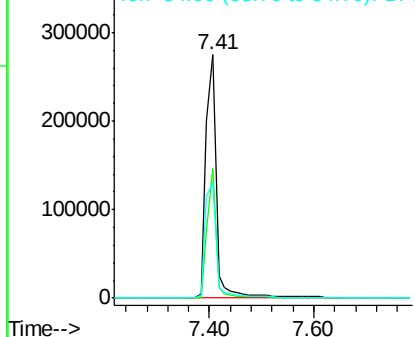
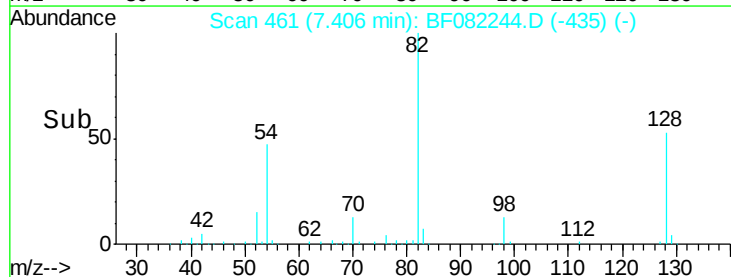


#23
Nitrobenzene-d5
Concen: 114.73 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF082244.D
Acq: 13 Oct 2015 5:30

Tgt Ion: 82	Resp:	390189
Ion Ratio	Lower	Upper
82	100	
128	53.1	38.7 58.1
54	47.5	40.1 60.1



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: 57.71 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.25 min

Lab File: BF082244.D

Acq: 13 Oct 2015 5:30

Instrument :

BNA_F

ClientSampled :

PO-011

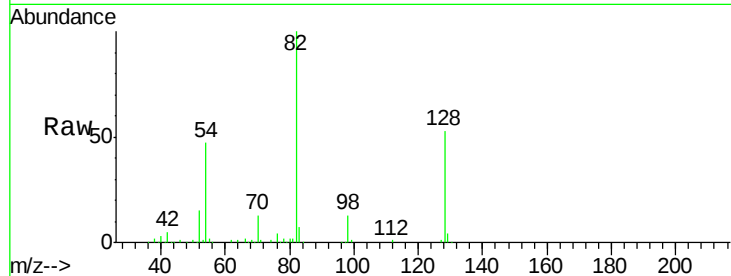
Tot Ion: 82 Resp: 396123

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

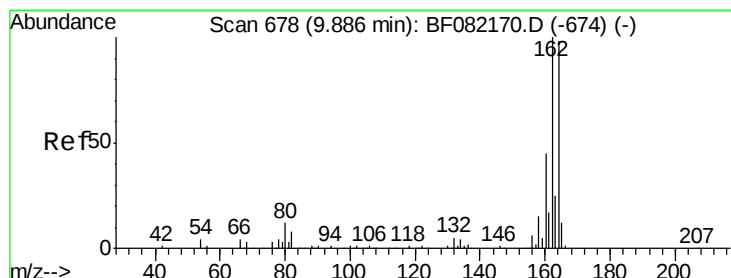
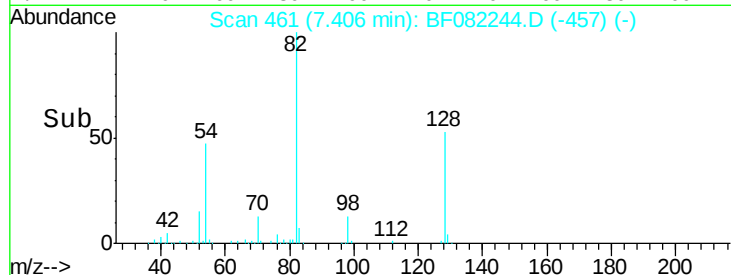
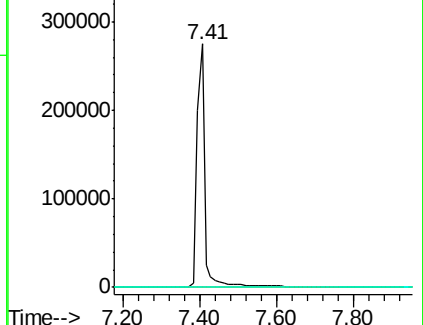
138 0.0 13.6 20.4#



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: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082244.D

Acq: 13 Oct 2015 5:30

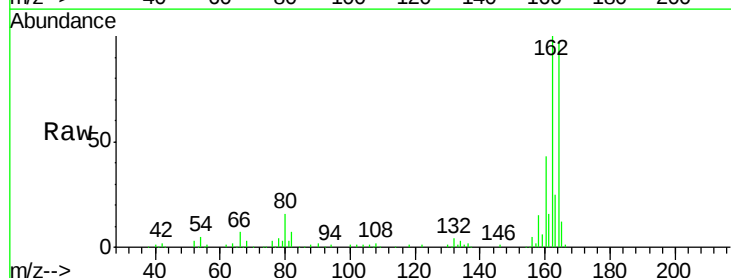
Tgt Ion: 164 Resp: 121680

Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

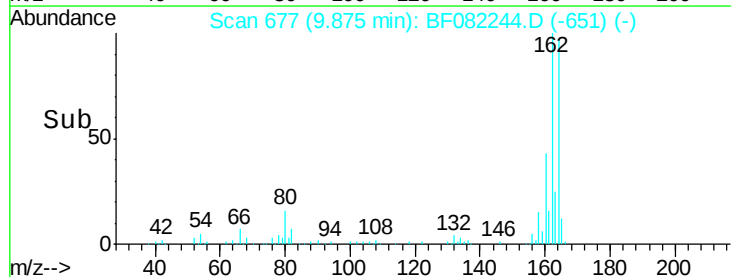
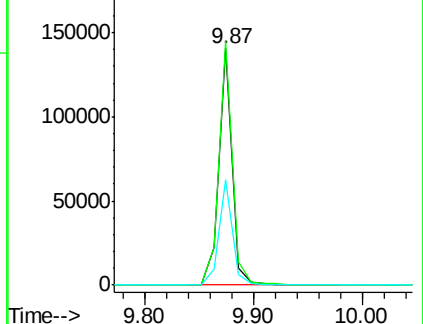
160 44.5 36.4 54.6



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

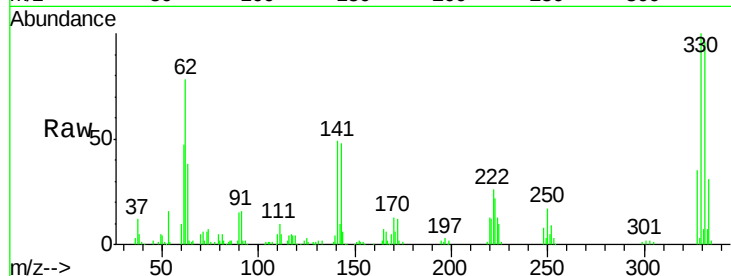




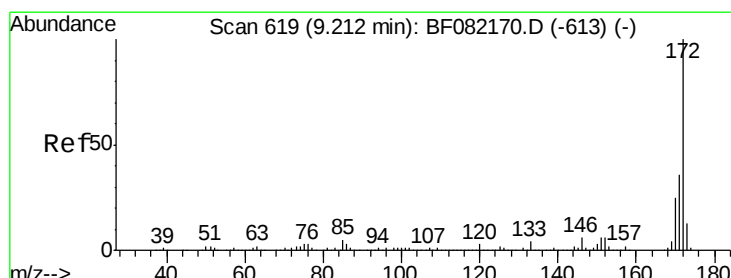
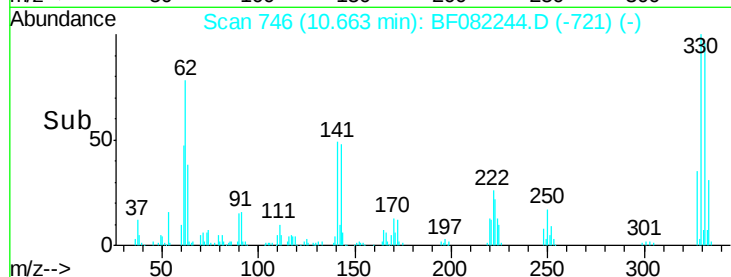
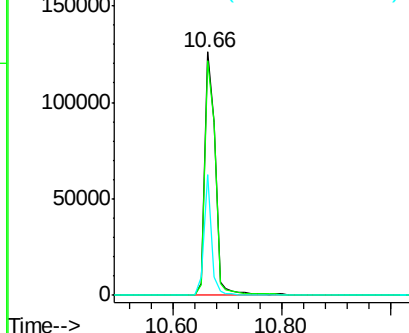
#41
 2,4,6-Tribromophenol
 Concen: 146.37 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082244.D
 Acq: 13 Oct 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 PO-011

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	35.5	29.8	44.8

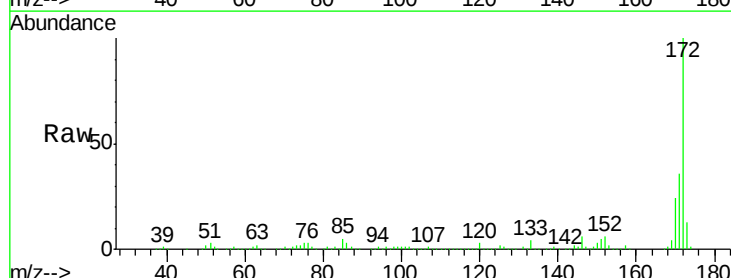


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

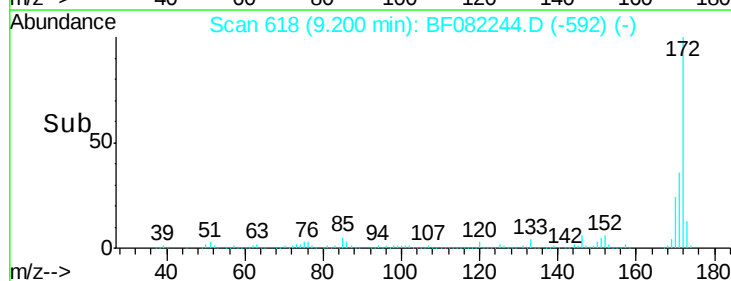
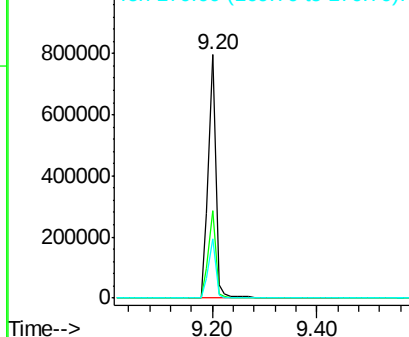


#44
 2-Fluorobiphenyl
 Concen: 110.16 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082244.D
 Acq: 13 Oct 2015 5:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.4	19.7	29.5



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

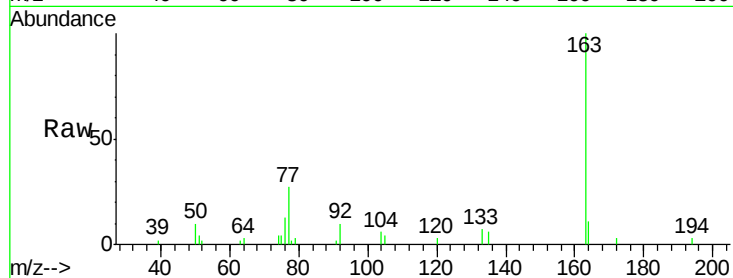




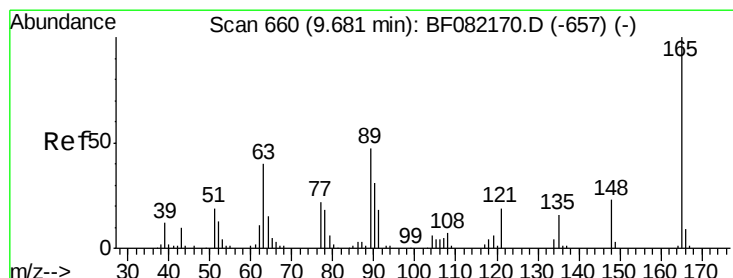
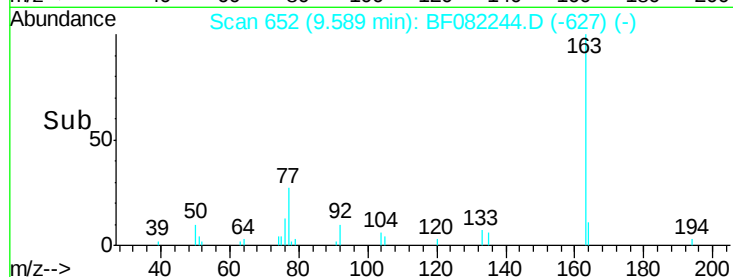
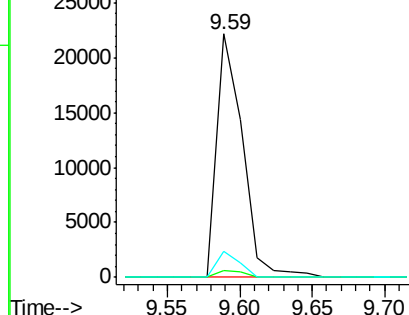
#49
Dimethylphthalate
Concen: 3.18 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082244.D
Acq: 13 Oct 2015 5:30

Instrument :
BNA_F
ClientSampleId :
PO-011

Tot Ion:163 Resp: 27251
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.7 8.5 12.7

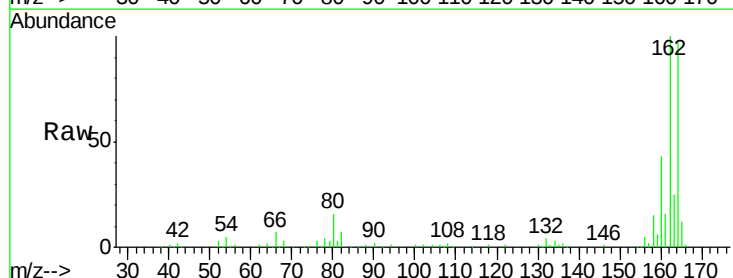


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

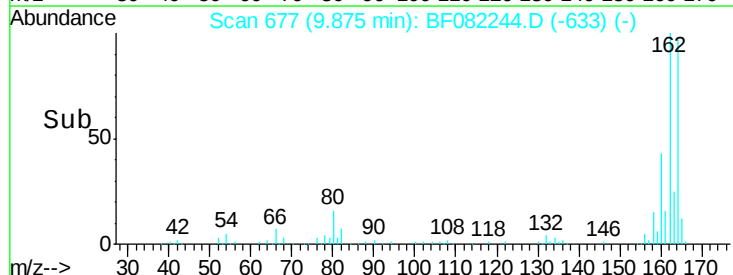
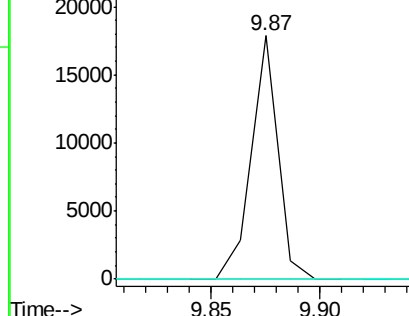


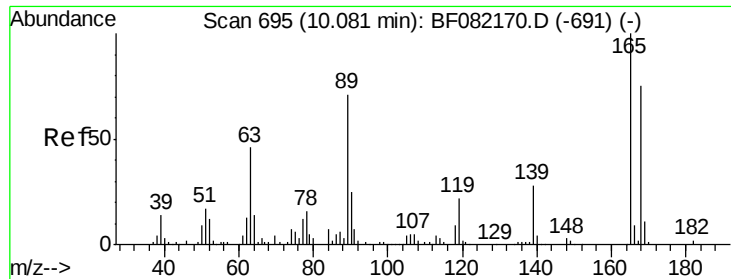
#50
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082244.D
Acq: 13 Oct 2015 5:30

Tgt Ion:165 Resp: 15118
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 0.0 37.8 56.6#



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

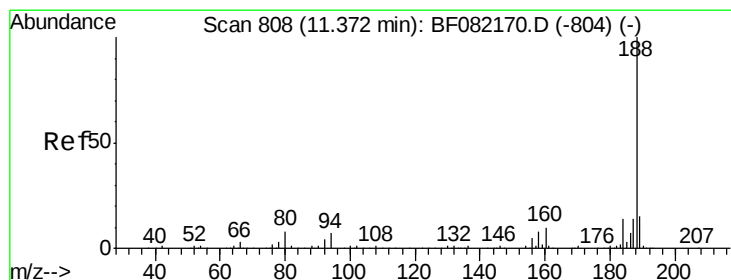
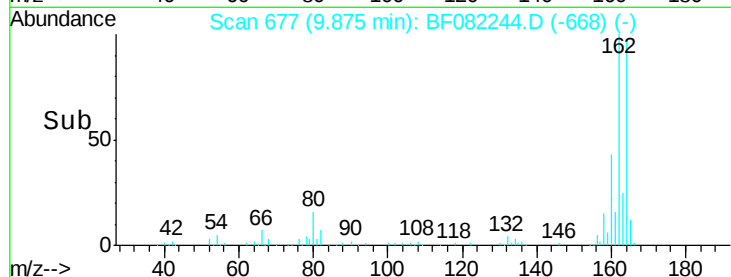
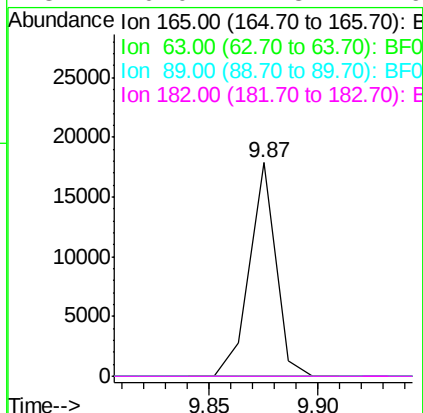
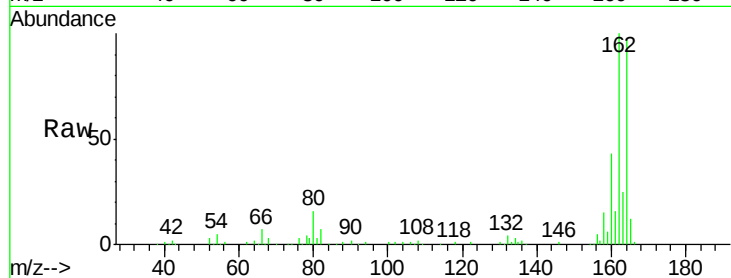




#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF082244.D
 Acq: 13 Oct 2015 5:30

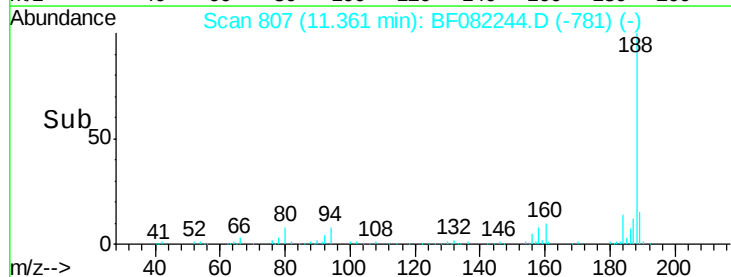
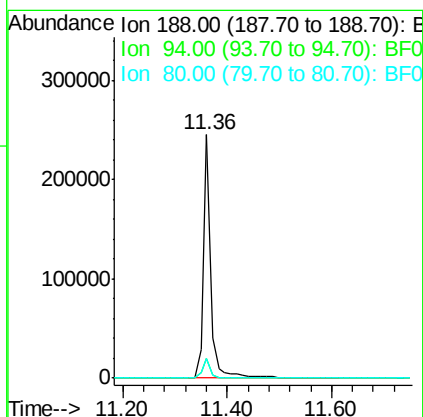
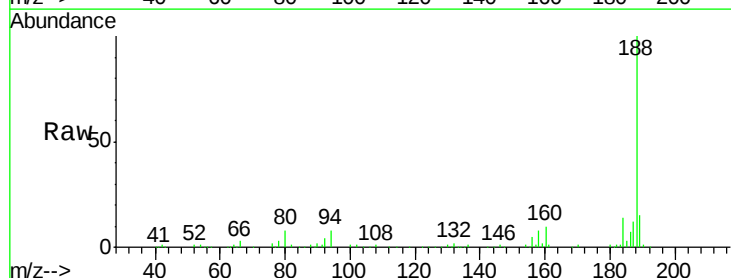
Instrument :
 BNA_F
 ClientSampled :
 PO-011

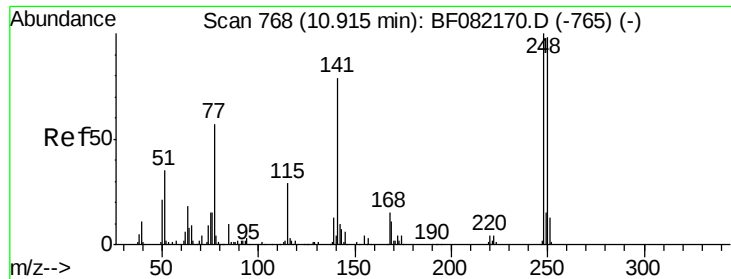
Tot Ion:165	Resp:	15118
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.6 58.0#
89	0.0	57.0 85.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF082244.D
 Acq: 13 Oct 2015 5:30

Tgt Ion:188	Resp:	244593
Ion Ratio	Lower	Upper
188	100	
94	8.1	5.8 8.6
80	8.3	6.4 9.6

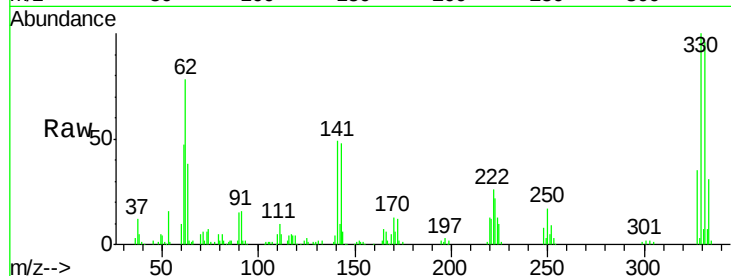




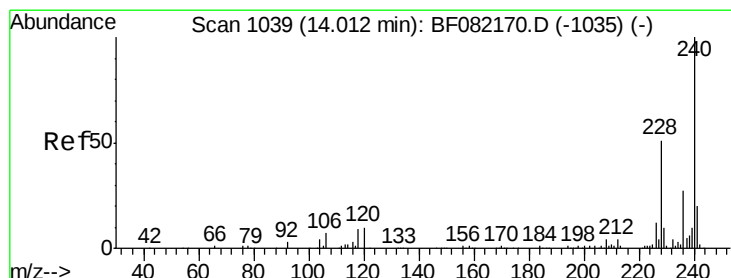
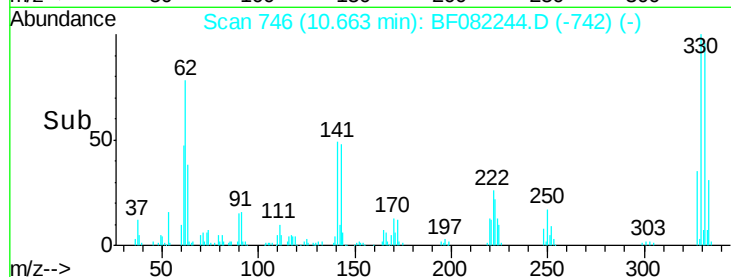
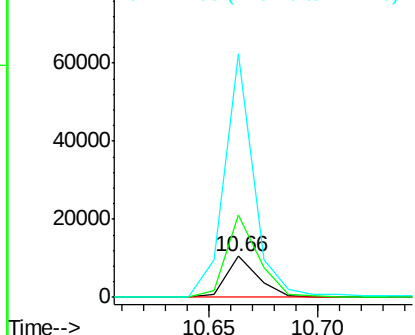
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082244.D
Acq: 13 Oct 2015 5:30

Instrument :
BNA_F
ClientSampleId :
PO-011

Tot Ion:248 Resp: 10545
Ion Ratio Lower Upper
248 100
250 202.0 78.6 117.8#
141 594.1 63.3 94.9#

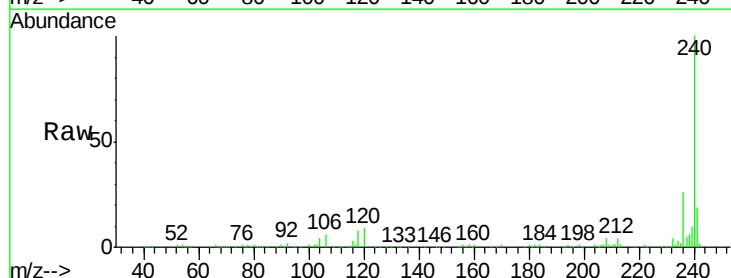


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

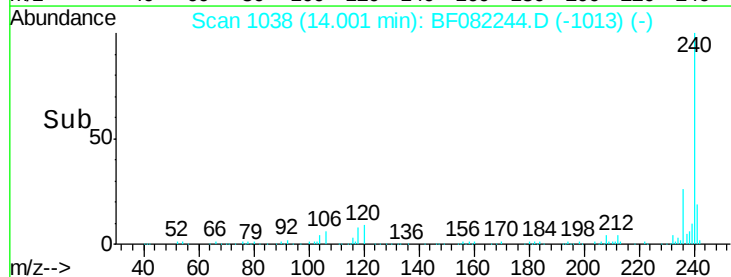
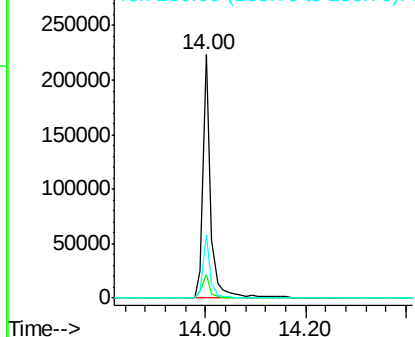


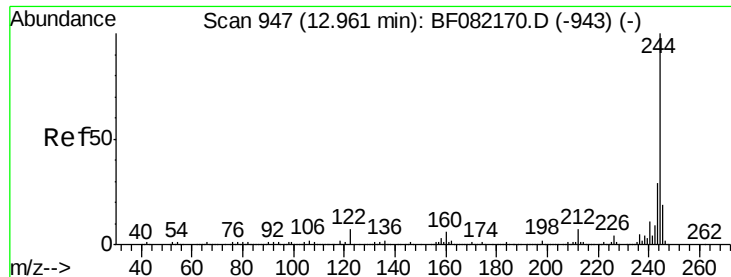
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082244.D
Acq: 13 Oct 2015 5:30

Tgt Ion:240 Resp: 239606
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.1 21.3 31.9



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

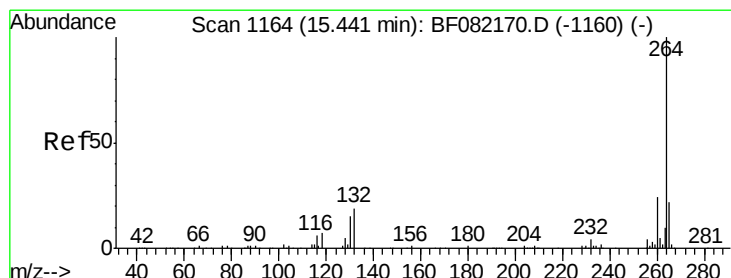
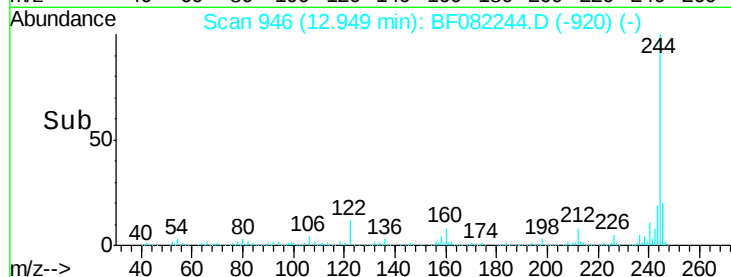
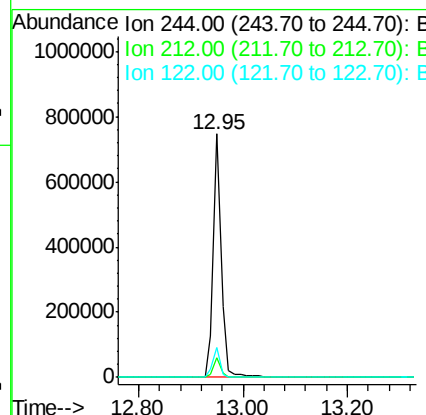
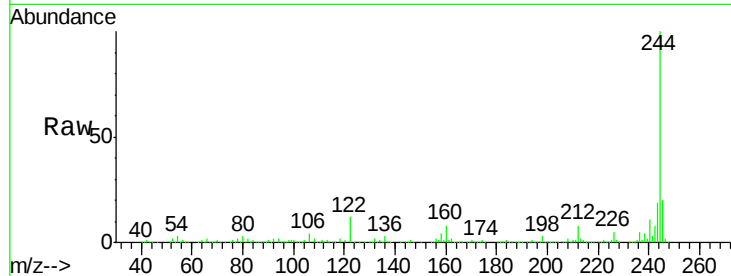




#78
 Terphenyl-d14
 Concen: 88.26 ng
 RT: 12.95 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF082244.D
 Acq: 13 Oct 2015 5:30

Instrument :
 BNA_F
 ClientSampled :
 PO-011

Tot Ion:244 Resp: 798069
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 12.1 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082244.D
 Acq: 13 Oct 2015 5:30

Tgt Ion:264 Resp: 176320
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.6 17.3 25.9

