

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082227.D
 Acq On : 12 Oct 2015 18:41
 Operator : UM/IZ
 Sample : G3990-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-010

Quant Time: Oct 13 02:09:33 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 02:05:16 2015
 Response via : Initial Calibration

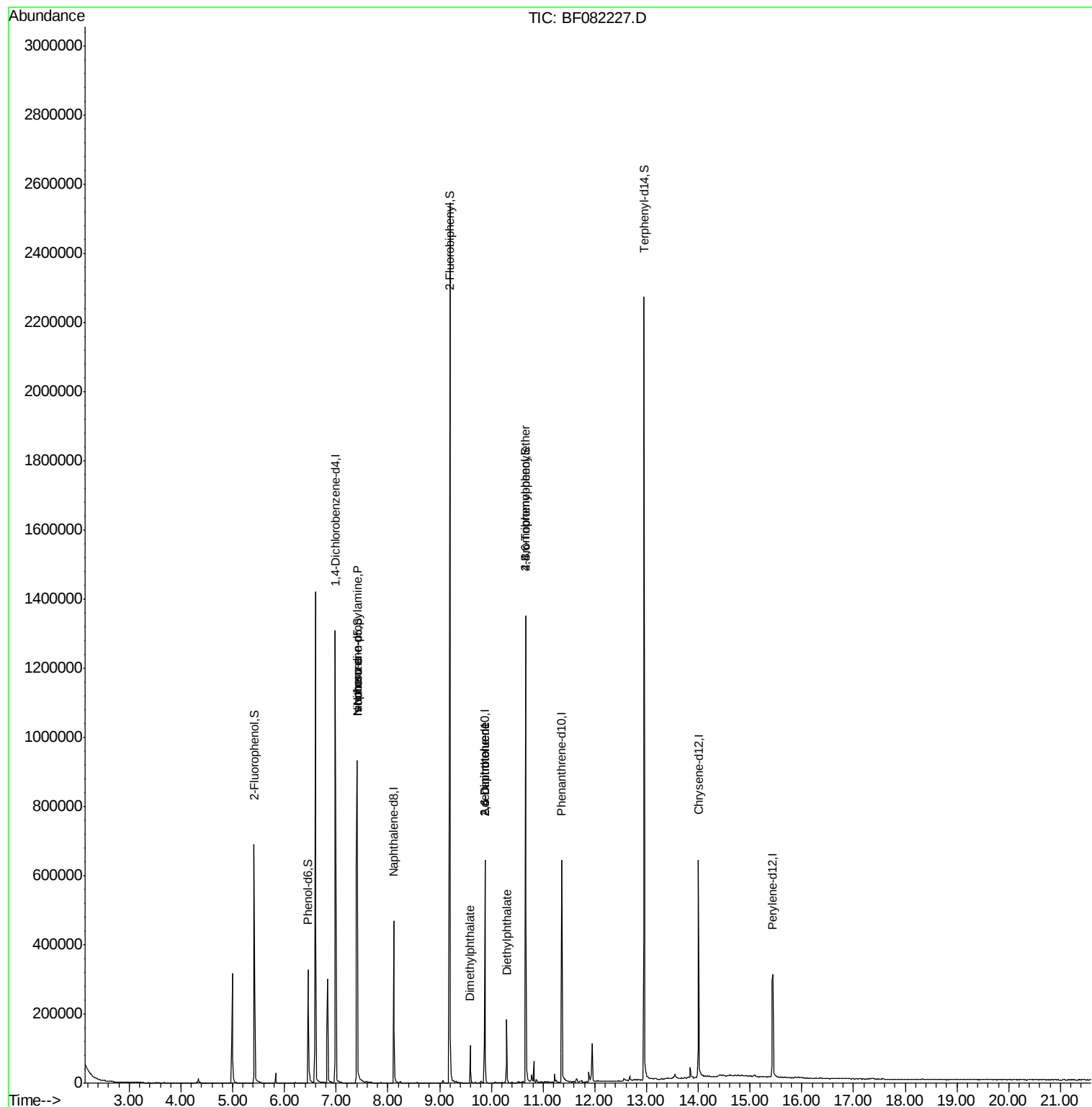
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	250738	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	240107	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	128797	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	259730	20.00	ng	0.00
75) Chrysene-d12	14.00	240	254886	20.00	ng	-0.01
86) Perylene-d12	15.44	264	185758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	216364	17.42	ng	0.00
7) Phenol-d6	6.46	99	163318	10.10	ng	-0.01
23) Nitrobenzene-d5	7.41	82	431147	120.59	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	191372	158.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	872588	112.35	ng	0.00
78) Terphenyl-d14	12.95	244	828106	86.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	55189	4.86	ng	# 76
25) Isophorone	7.41	82	418774	58.03	ng	# 66
49) Dimethylphthalate	9.59	163	49496	5.46	ng	# 98
50) 2,6-Dinitrotoluene	9.87	165	16495	8.62	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	16495	6.90	ng	# 21
59) Diethylphthalate	10.30	149	72264	8.55	ng	# 99
66) 4-Bromophenyl-phenylether	10.66	248	12606	4.85	ng	# 1

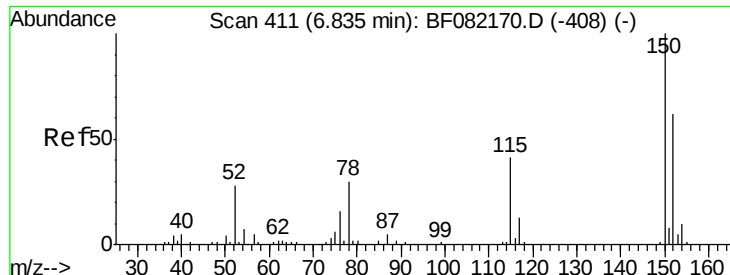
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082227.D
Acq On : 12 Oct 2015 18:41
Operator : UM/IZ
Sample : G3990-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PO-010

Quant Time: Oct 13 02:09:33 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 02:05:16 2015
Response via : Initial Calibration



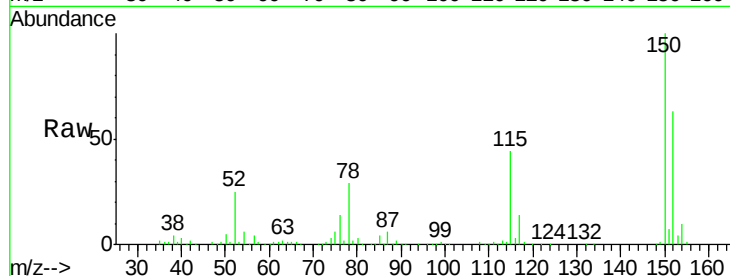


#1

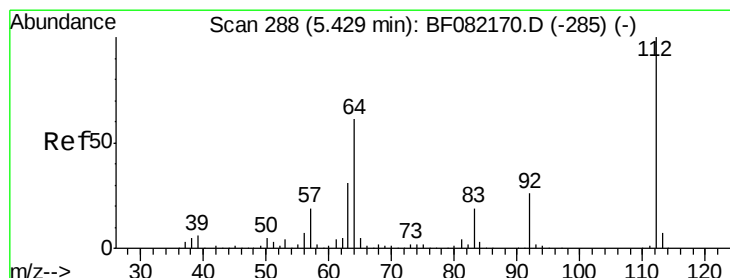
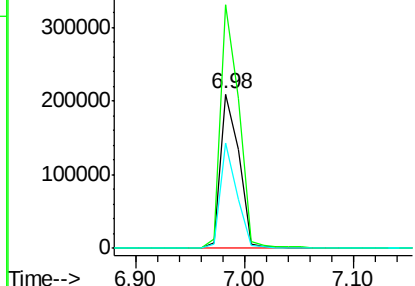
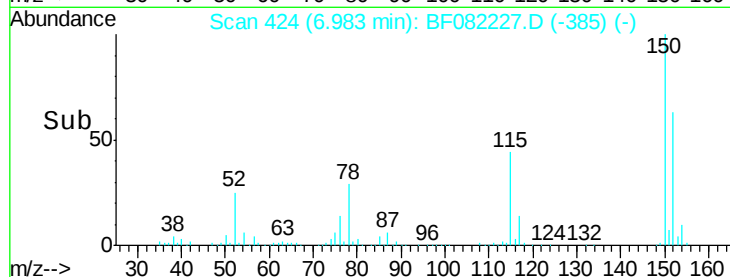
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.15 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
PO-010

Tot Ion:152 Resp: 250738
Ion Ratio Lower Upper
152 100
150 157.9 129.0 193.4
115 68.7 52.1 78.1



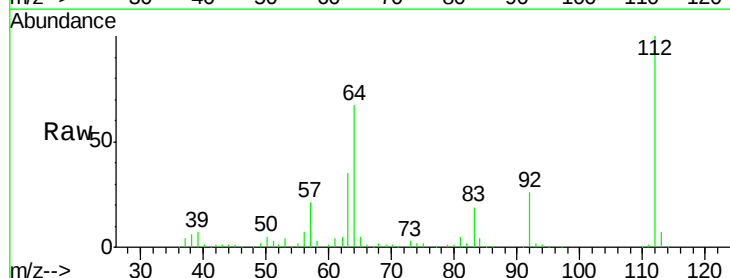
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



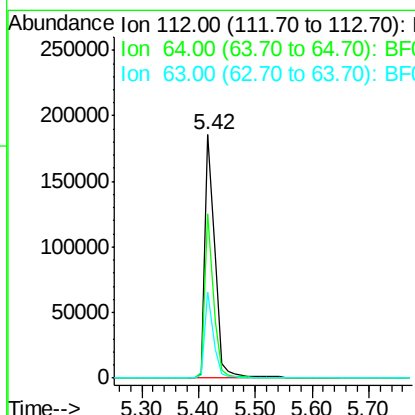
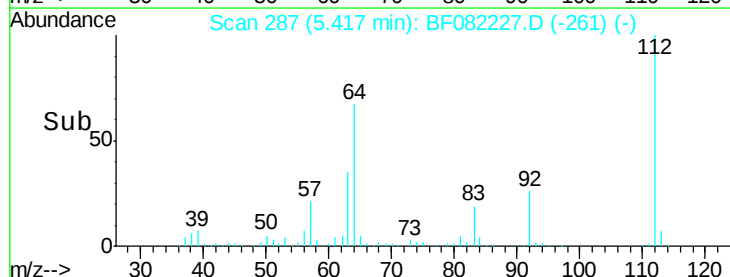
#5

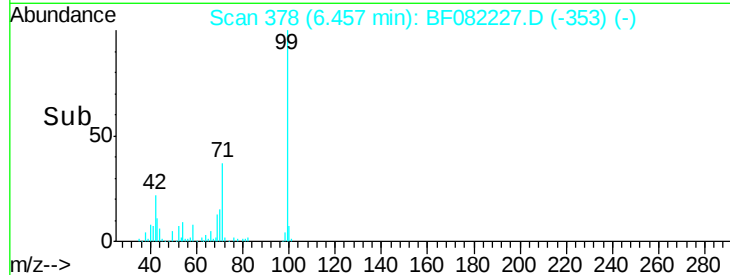
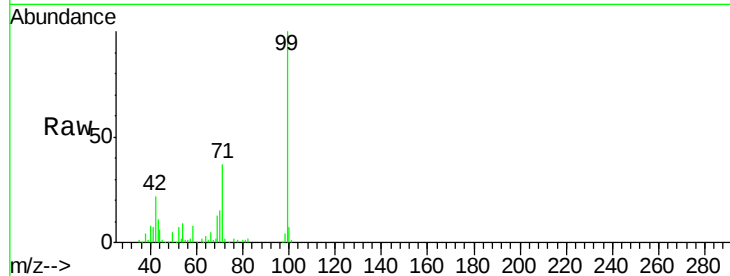
2-Fluorophenol
Concen: 17.42 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Tgt Ion:112 Resp: 216364
Ion Ratio Lower Upper
112 100
64 67.2 48.6 73.0
63 35.5 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: 10.10 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082227.D

Acq: 12 Oct 2015 18:41

Instrument :

BNA_F

ClientSampled :

PO-010

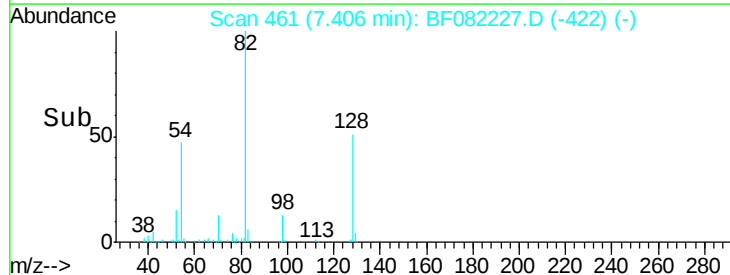
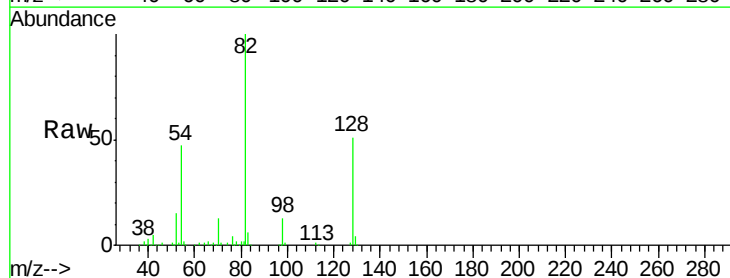
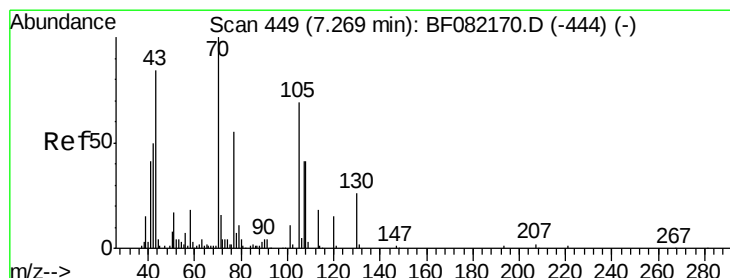
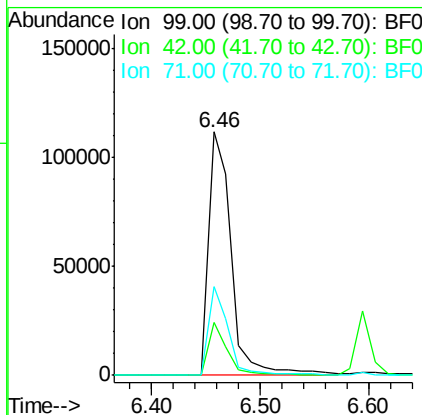
Tot Ion: 99 Resp: 163318

Ion Ratio Lower Upper

99 100

42 21.8 13.2 19.8#

71 36.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.86 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082227.D

Acq: 12 Oct 2015 18:41

Tgt Ion: 70 Resp: 55189

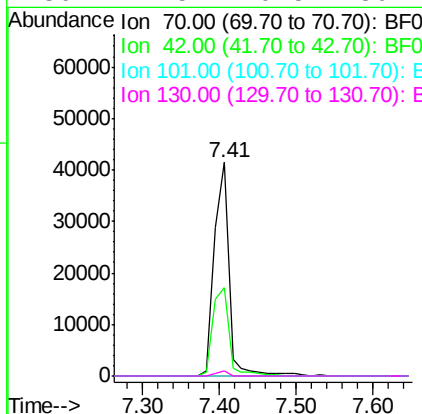
Ion Ratio Lower Upper

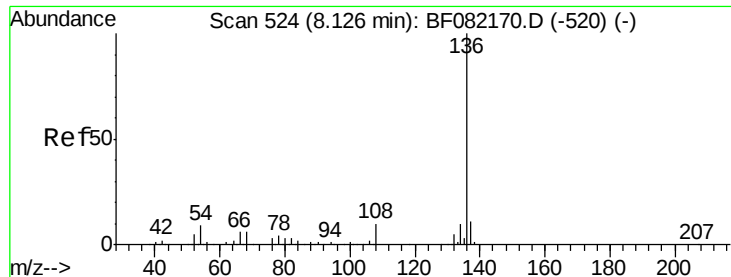
70 100

42 41.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.5 20.5 30.7#

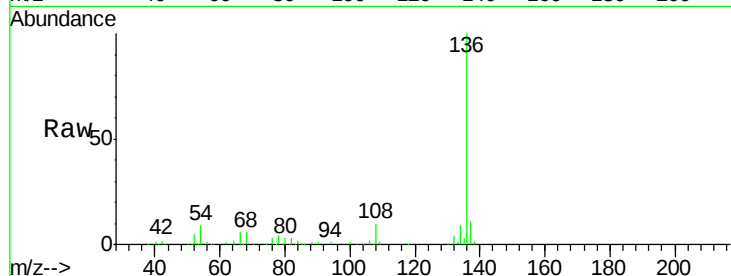




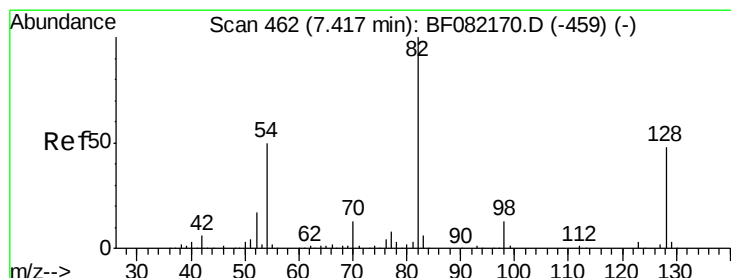
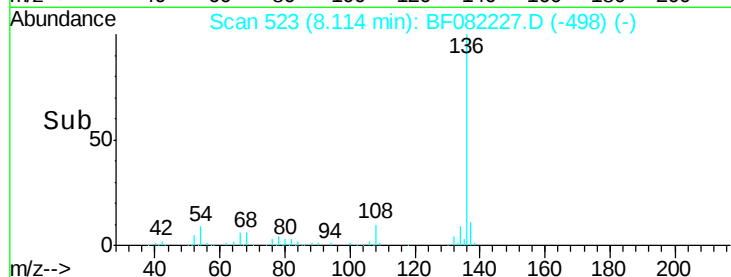
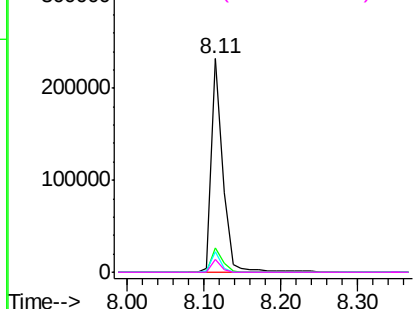
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
PO-010

Tot Ion:	136	Resp:	240107
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.4	7.5	11.3
68	6.0	4.6	7.0

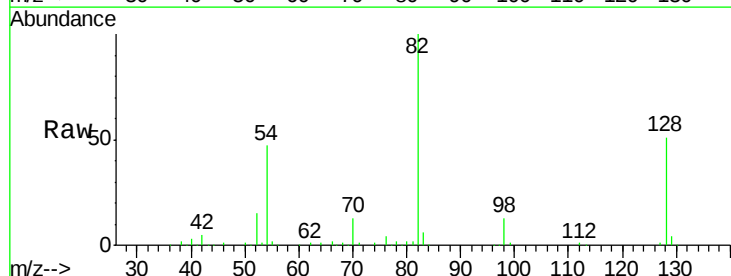


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

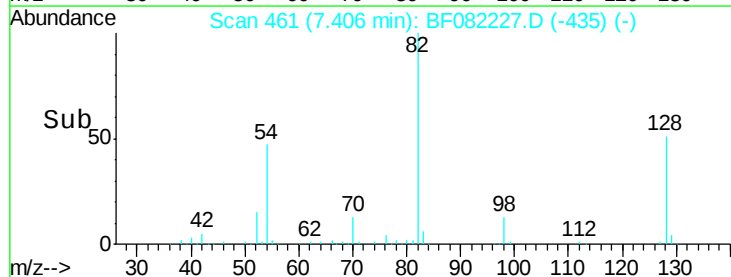
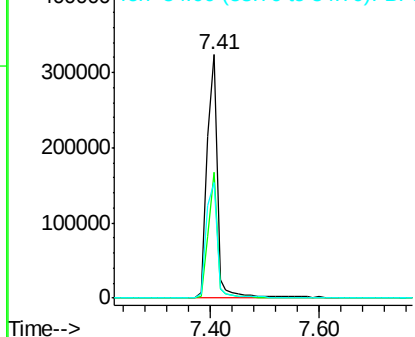


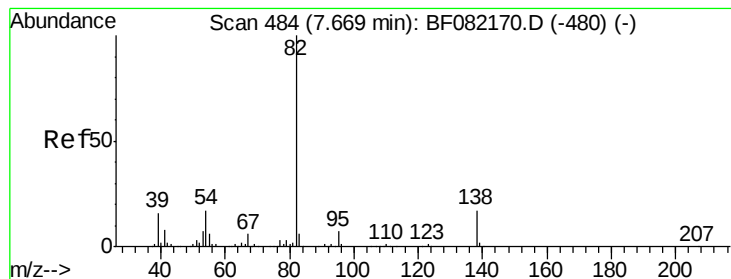
#23
Nitrobenzene-d5
Concen: 120.59 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Tgt Ion:	82	Resp:	431147
Ion	Ratio	Lower	Upper
82	100		
128	51.5	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: 58.03 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082227.D

Acq: 12 Oct 2015 18:41

Instrument :

BNA_F

ClientSampled :

PO-010

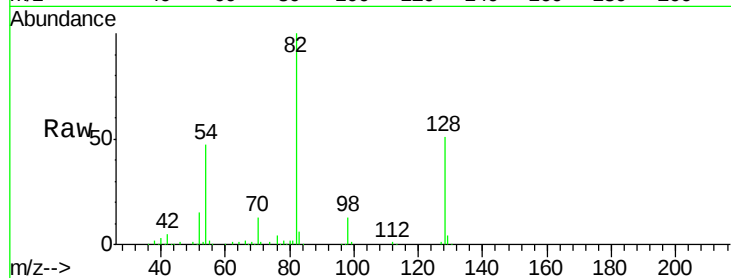
Tot Ion: 82 Resp: 418774

Ion Ratio Lower Upper

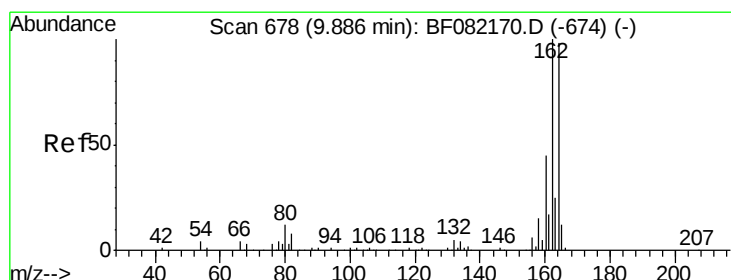
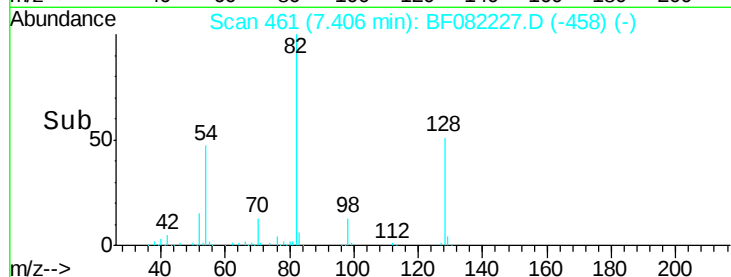
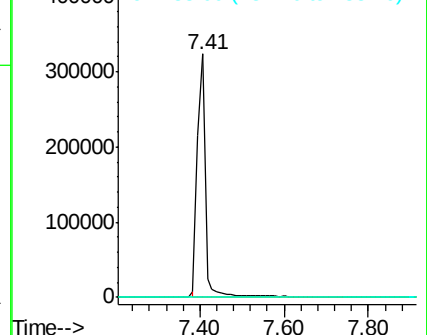
82 100

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: BF082227.D

Acq: 12 Oct 2015 18:41

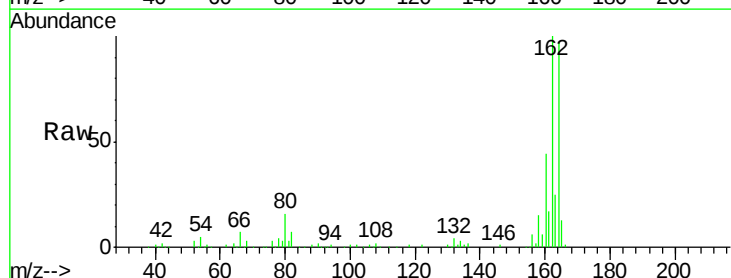
Tgt Ion: 164 Resp: 128797

Ion Ratio Lower Upper

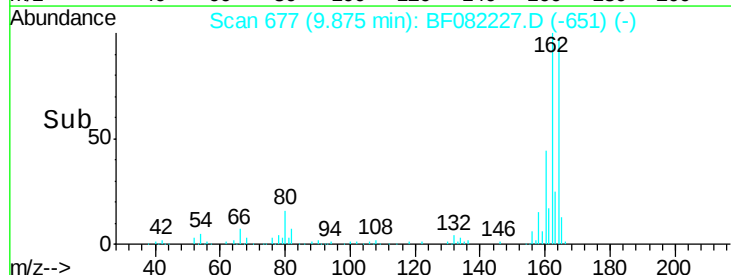
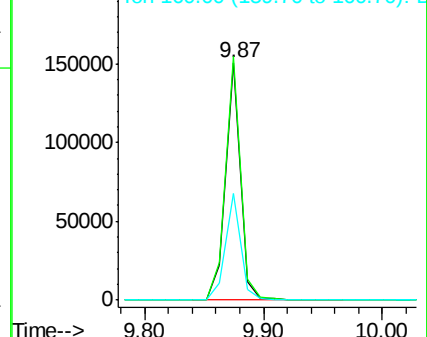
164 100

162 102.6 81.6 122.4

160 44.9 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

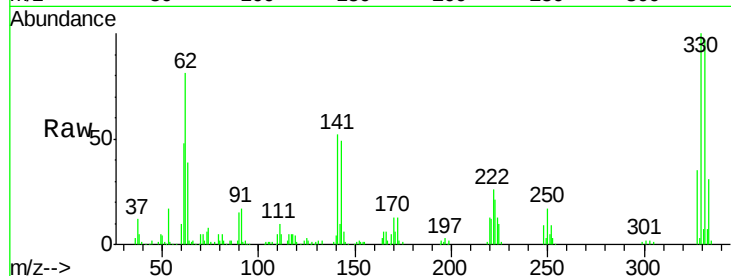




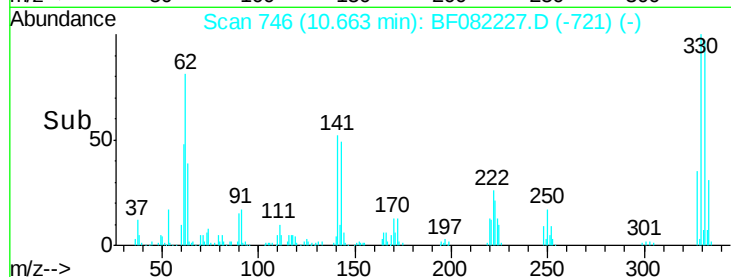
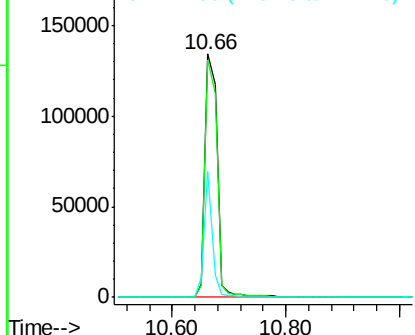
#41
 2,4,6-Tribromophenol
 Concen: 158.44 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082227.D
 Acq: 12 Oct 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PO-010

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	34.8	29.8	44.8

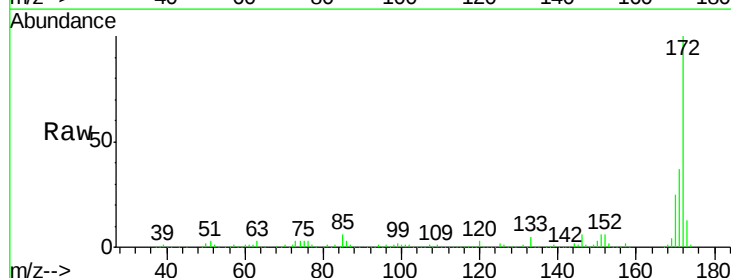


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

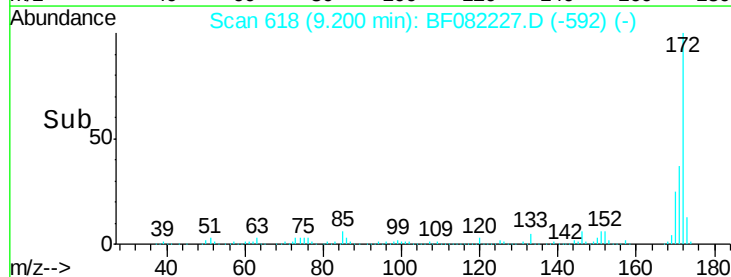
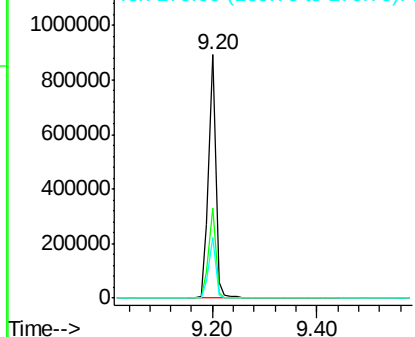


#44
 2-Fluorobiphenyl
 Concen: 112.35 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082227.D
 Acq: 12 Oct 2015 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	25.1	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

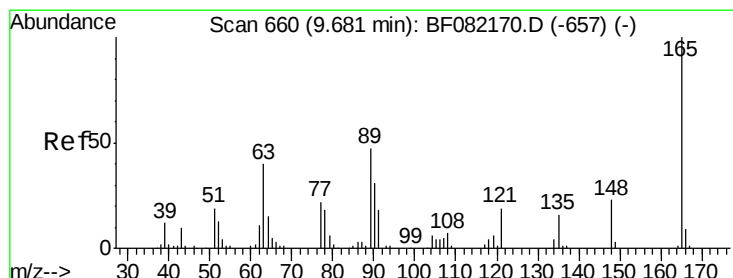
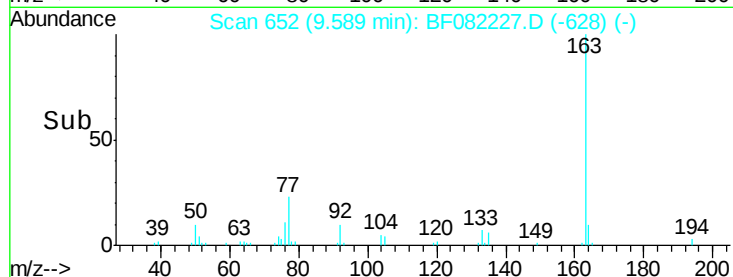
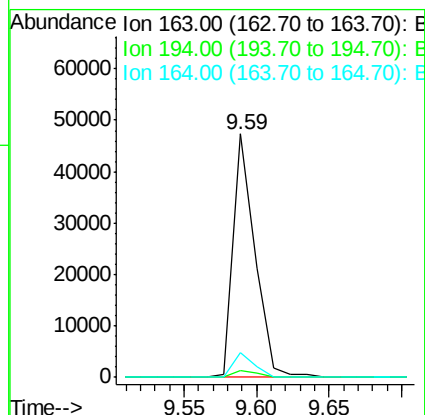
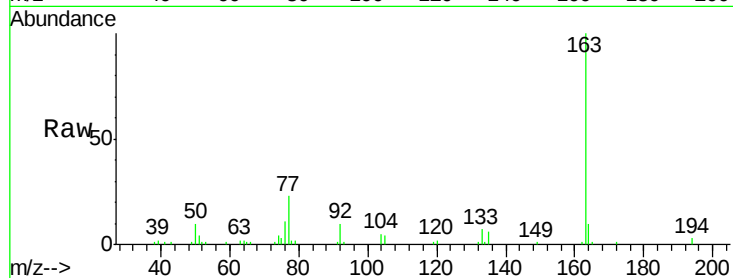




#49
Dimethylphthalate
Concen: 5.46 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

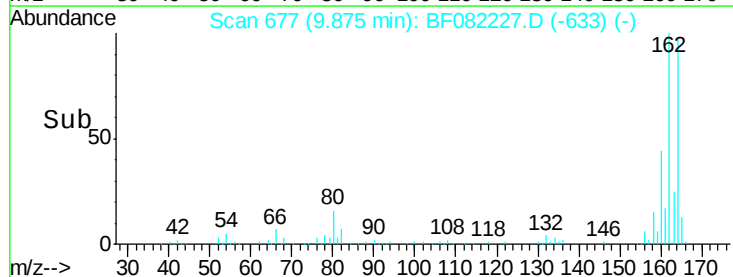
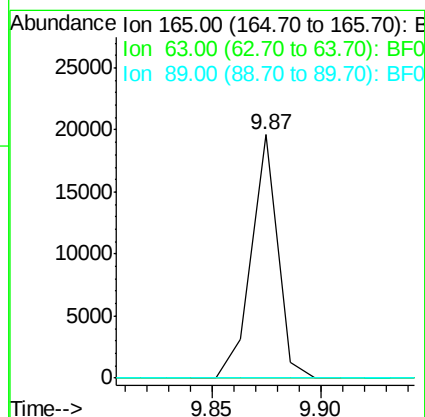
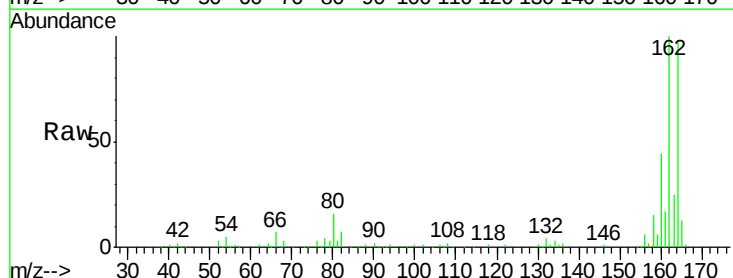
Instrument :
BNA_F
ClientSampleId :
PO-010

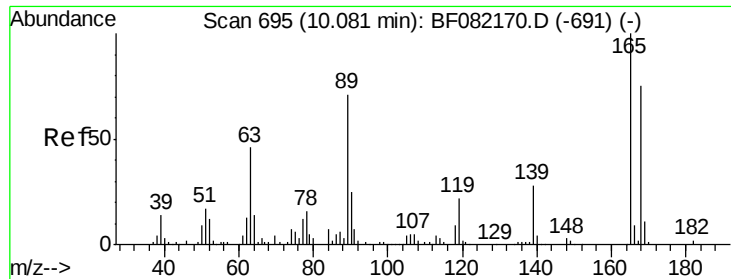
Tot Ion:163 Resp: 49496
Ion Ratio Lower Upper
163 100
194 2.6 2.6 4.0#
164 10.0 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Tgt Ion:165 Resp: 16495
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 0.0 37.8 56.6#

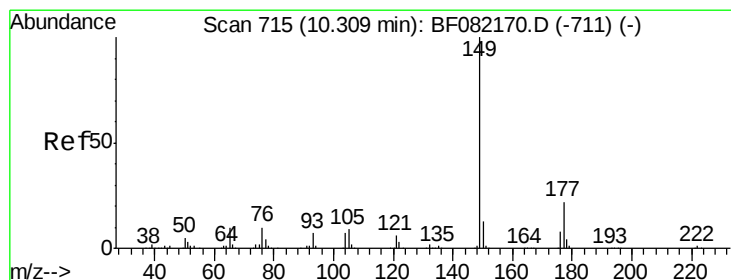
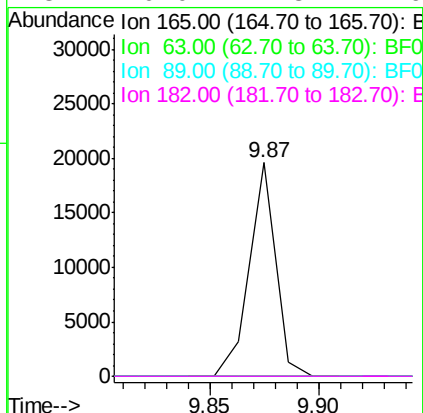
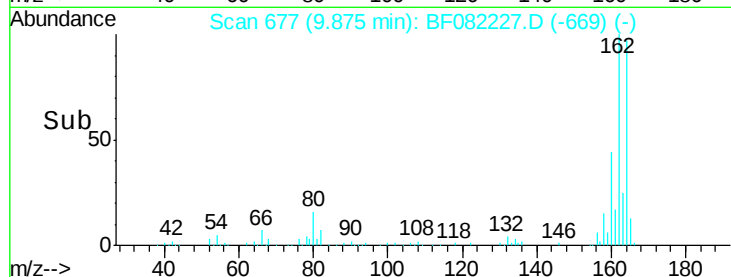
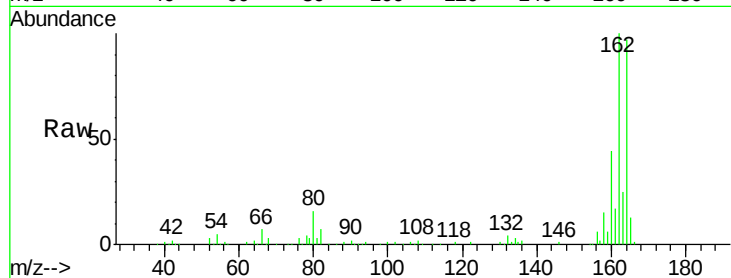




#56
2,4-Dinitrotoluene
Concen: 6.90 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

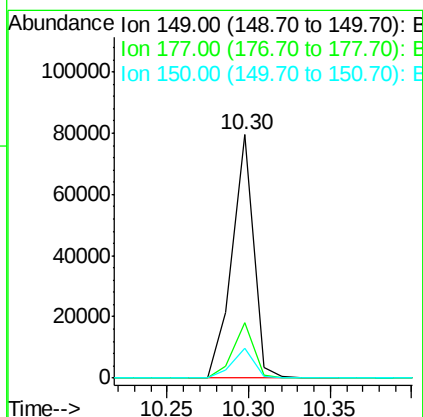
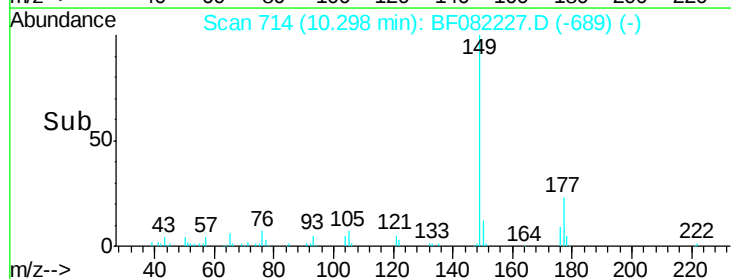
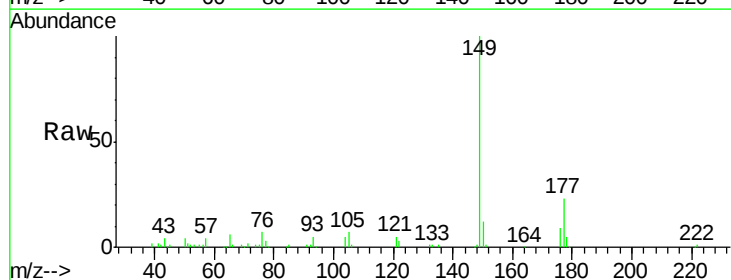
Instrument :
BNA_F
ClientSampleId :
PO-010

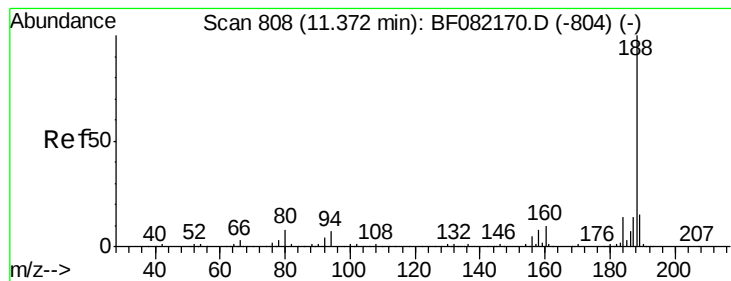
Tot Ion:165	Resp:	16495
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.6 58.0#
89	0.0	57.0 85.6#
182	0.0	1.8 2.6#



#59
Diethylphthalate
Concen: 8.55 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Tgt Ion:149	Resp:	72264
Ion Ratio	Lower	Upper
149	100	
177	22.6	17.6 26.4
150	12.4	10.3 15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082227.D

Acq: 12 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

PO-010

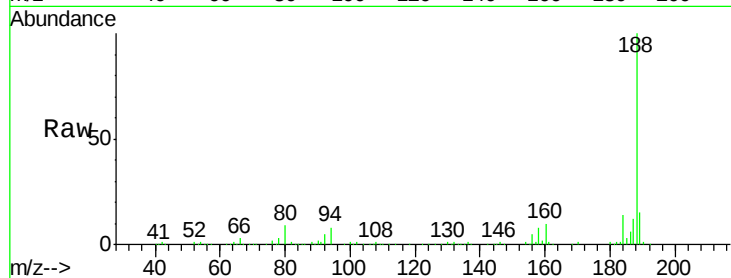
Tot Ion:188 Resp: 259730

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

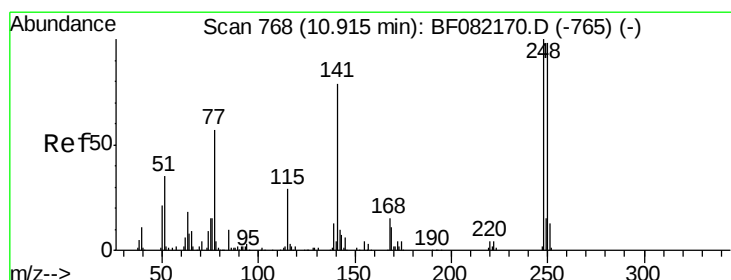
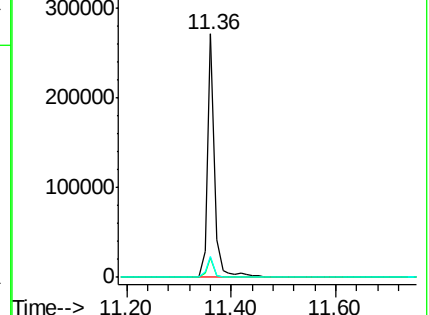
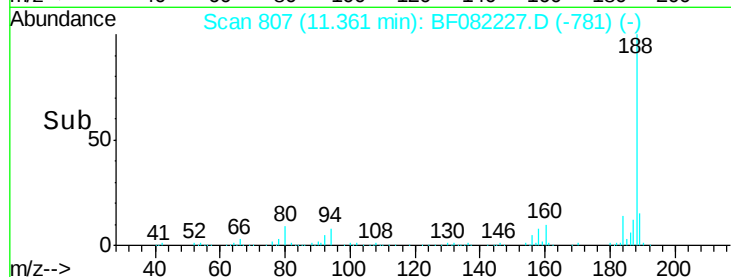
80 8.7 6.4 9.6



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: 4.85 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082227.D

Acq: 12 Oct 2015 18:41

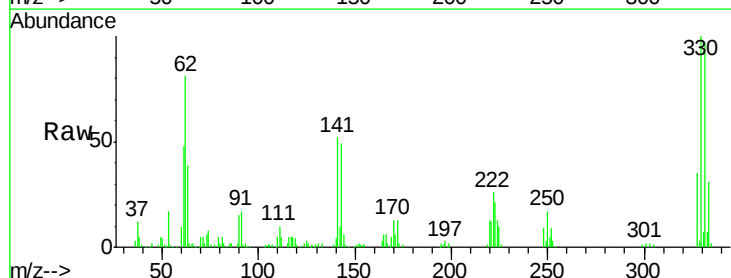
Tgt Ion:248 Resp: 12606

Ion Ratio Lower Upper

248 100

250 195.9 78.6 117.8#

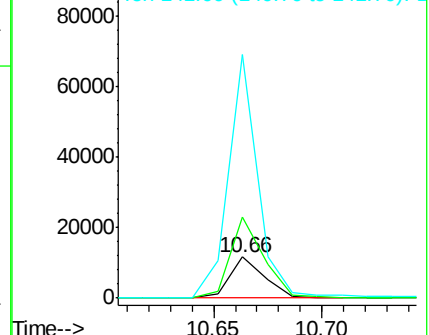
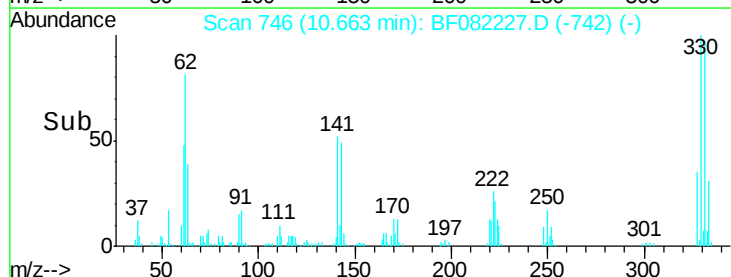
141 591.8 63.3 94.9#

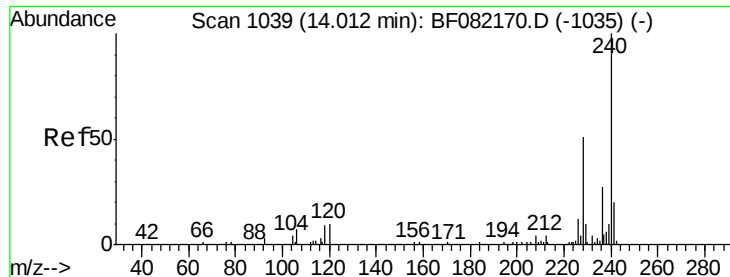


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF082227.D

Acq: 12 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

PO-010

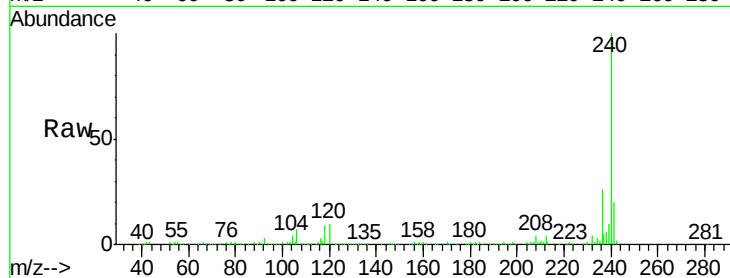
Tot Ion:240 Resp: 254886

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

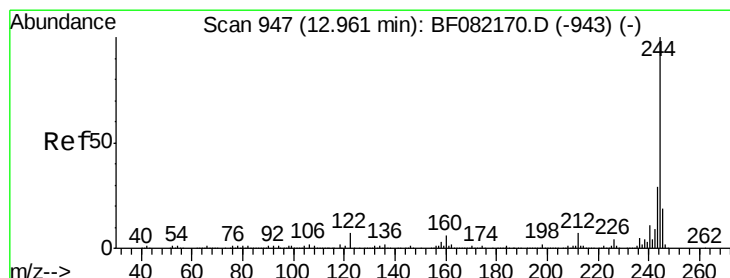
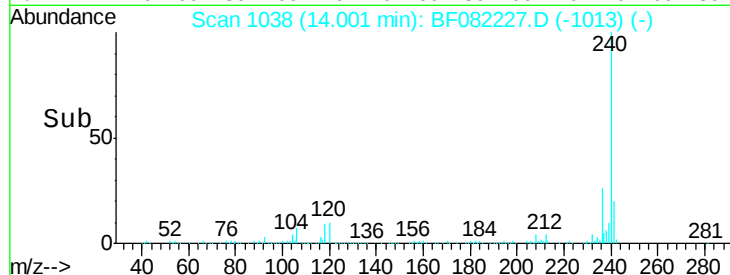
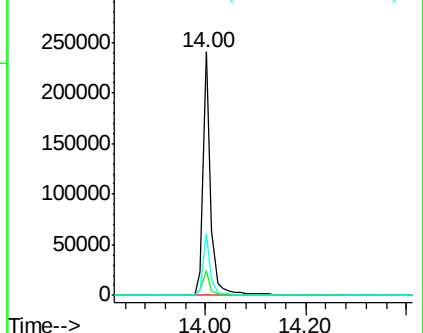
236 25.6 21.3 31.9



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: 86.09 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082227.D

Acq: 12 Oct 2015 18:41

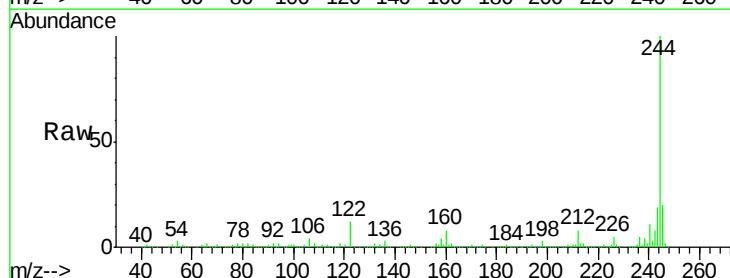
Tgt Ion:244 Resp: 828106

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

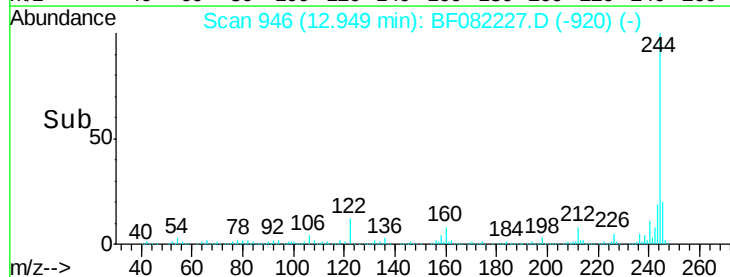
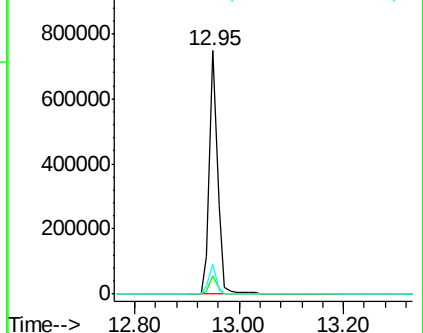
122 12.3 5.9 8.9#

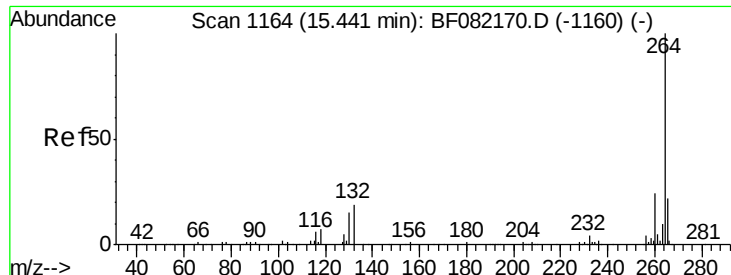


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



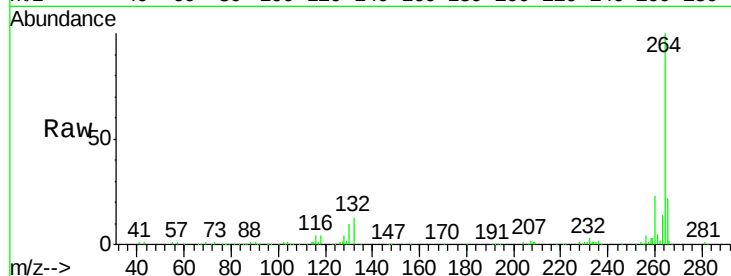


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082227.D
Acq: 12 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
PO-010

Tot Ion:264 Resp: 185758

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.6	17.3	25.9



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

