

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082466.D
 Acq On : 23 Oct 2015 1:20
 Operator : UM/IZ
 Sample : G4109-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Quant Time: Oct 23 04:01:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

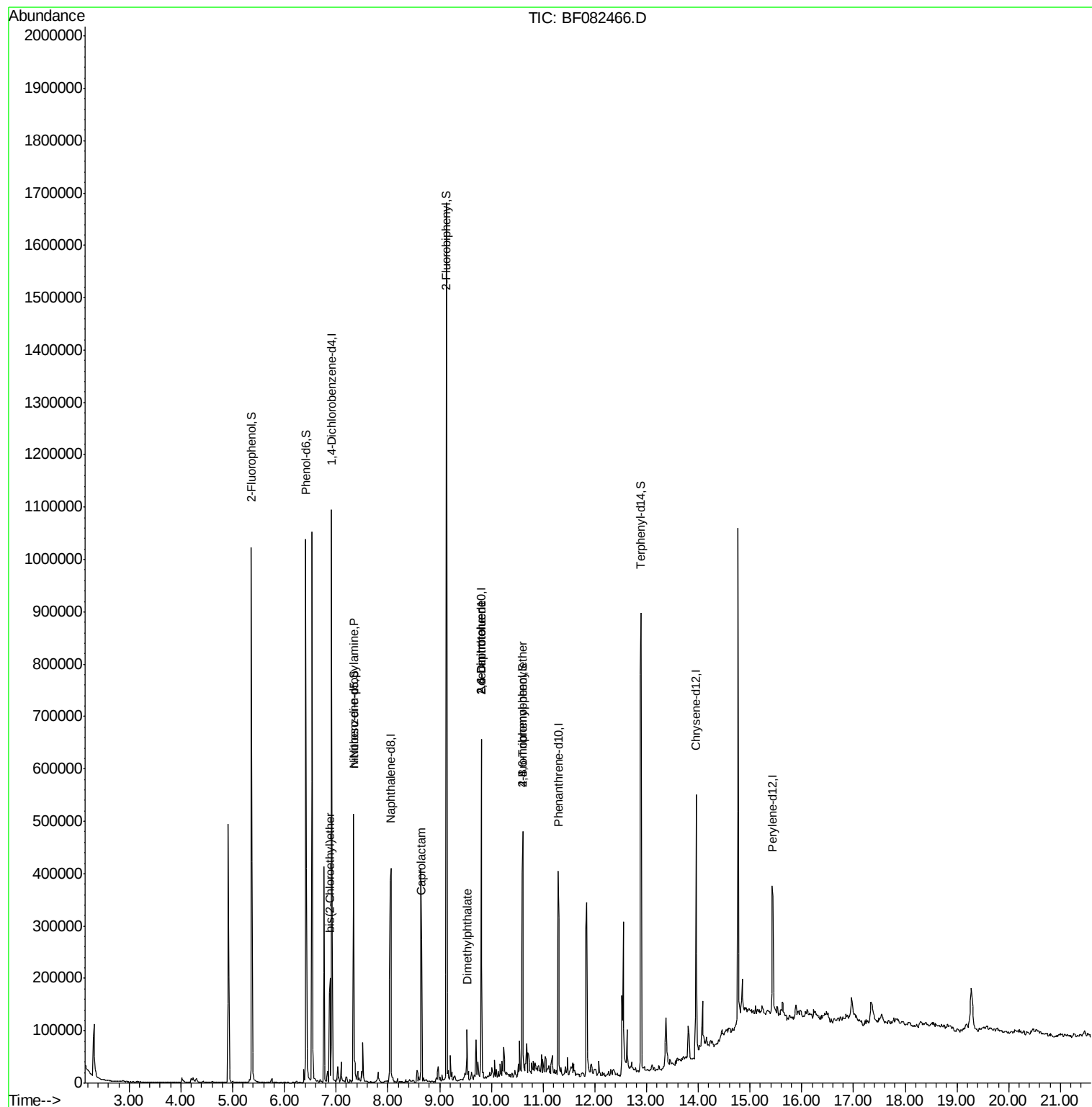
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	165963	20.00	ng	0.14
21) Naphthalene-d8	8.06	136	292318	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	134633	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	213502	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	200598	20.00	ng	-0.06
86) Perylene-d12	15.44	264	143175	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	319454	38.85	ng	0.00
7) Phenol-d6	6.41	99	389662	36.41	ng	-0.01
23) Nitrobenzene-d5	7.34	82	230160	52.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	73495	58.21	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	497437	61.27	ng	-0.01
78) Terphenyl-d14	12.89	244	404587	53.45	ng	-0.01
Target Compounds						
11) bis(2-Chloroethyl)ether	6.88	93	24000	2.30	ng	# 30
19) n-Nitroso-di-n-propylamine	7.34	70	29434	3.92	ng	# 75
35) Caprolactam	8.65	113	2546	2.32	ng	# 1
49) Dimethylphthalate	9.53	163	36808	3.88	ng	98
50) 2,6-Dinitrotoluene	9.81	165	17233	8.61	ng	# 30
55) 4-Nitrophenol	10.01	139	243	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.81	165	17233	6.89	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	5512	2.58	ng	# 1

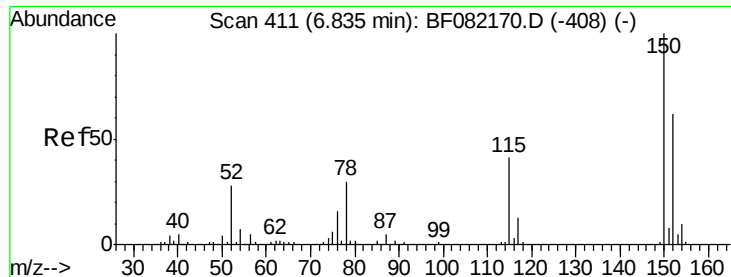
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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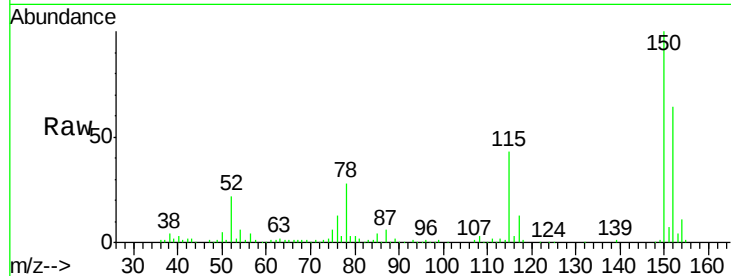




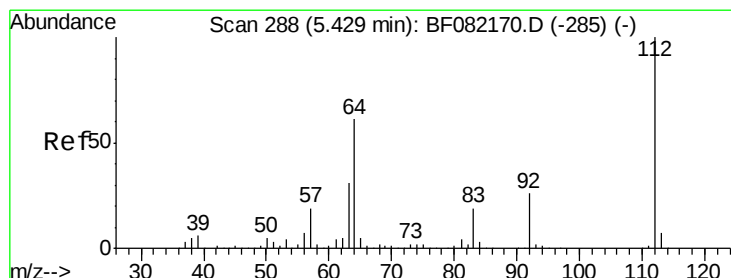
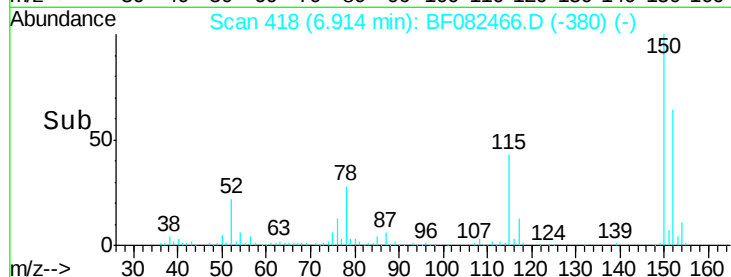
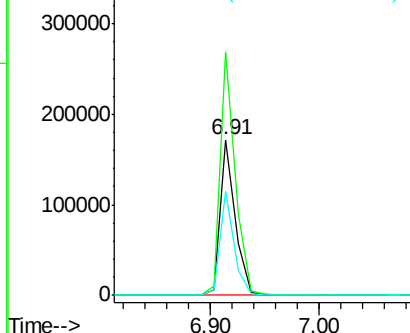
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 418
 Delta R.T. 0.14 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tgt Ion:152 Resp: 165963
 Ion Ratio Lower Upper
 152 100
 150 156.7 129.0 193.4
 115 66.7 52.1 78.1

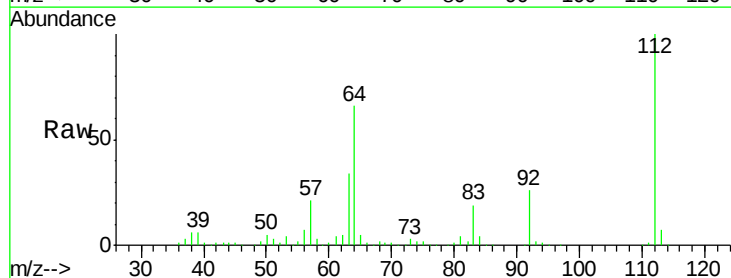


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

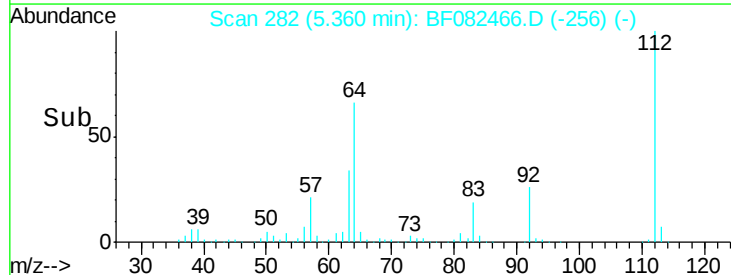
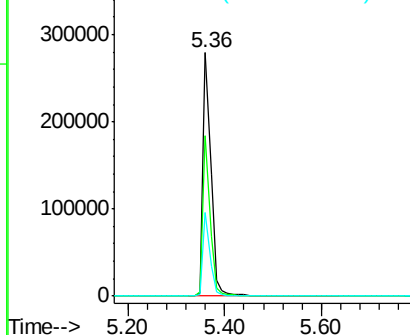


#5
 2-Fluorophenol
 Concen: 38.85 ng
 RT: 5.36 min Scan# 282
 Delta R.T. -0.00 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Tgt Ion:112 Resp: 319454
 Ion Ratio Lower Upper
 112 100
 64 66.0 48.6 73.0
 63 34.5 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: 36.41 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

ClientSampleId :

1510093753

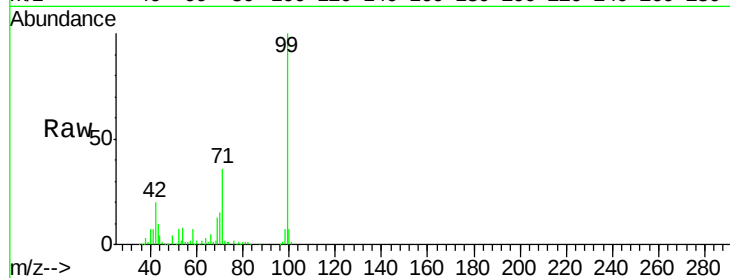
Tgt Ion: 99 Resp: 389662

Ion Ratio Lower Upper

99 100

42 20.2 13.2 19.8#

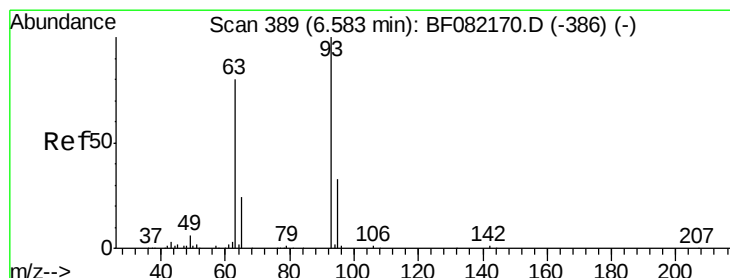
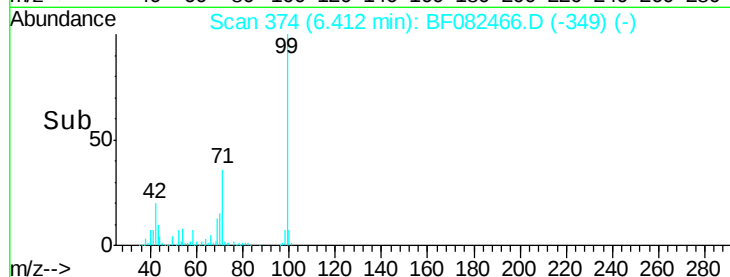
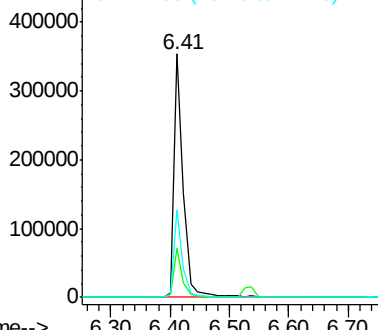
71 35.8 25.6 38.4



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



#11

bis(2-Chloroethyl)ether

Concen: 2.30 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.37 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

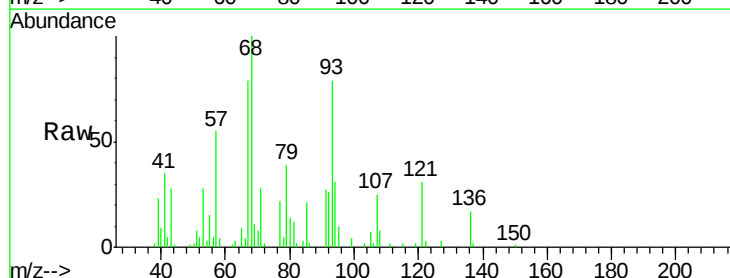
Tgt Ion: 93 Resp: 24000

Ion Ratio Lower Upper

93 100

63 3.9 57.1 97.1#

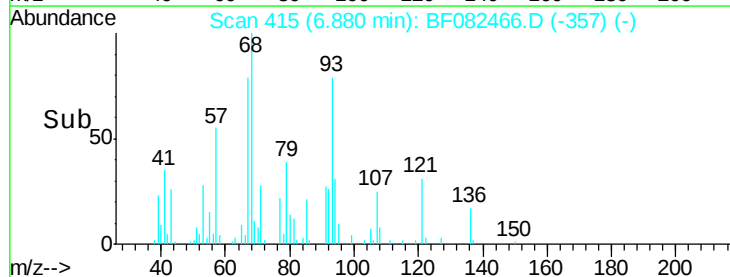
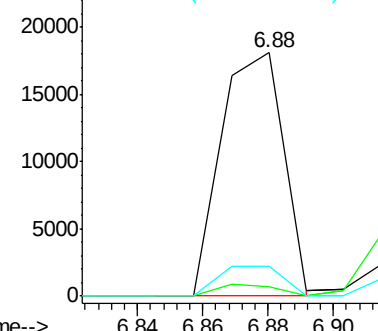
95 12.4 11.9 51.9

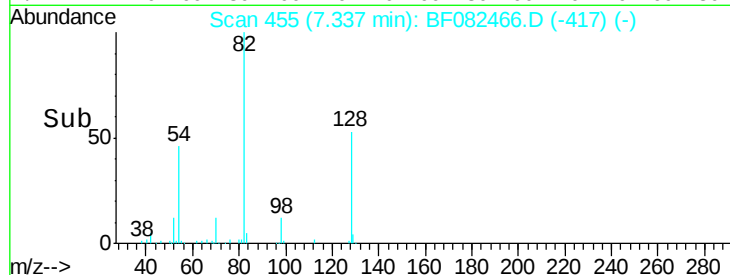
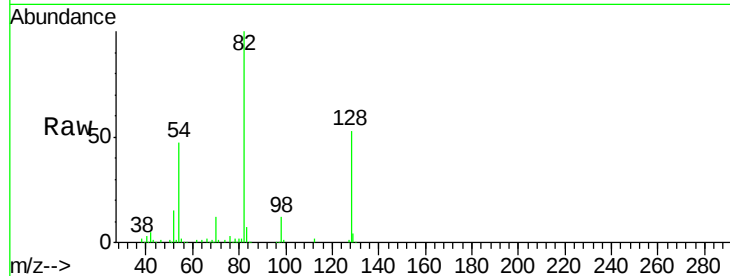
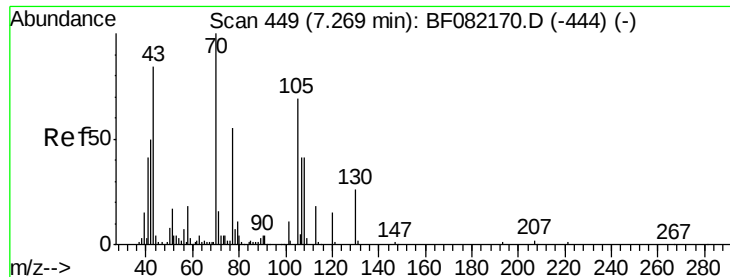


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

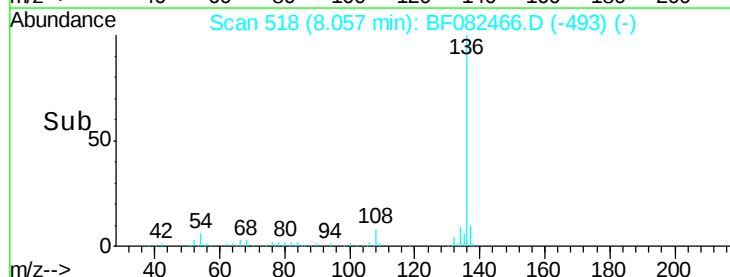
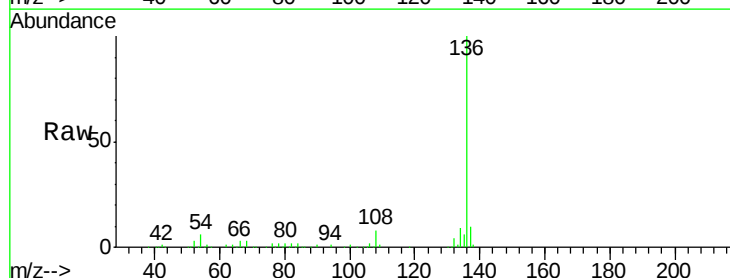
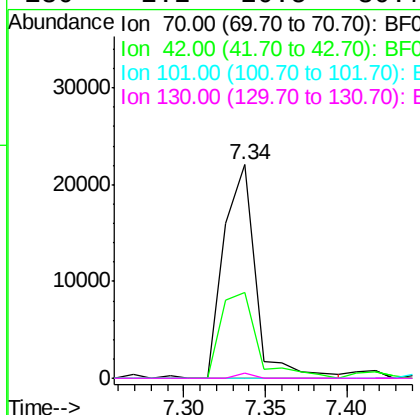




#19
n-Nitroso-di-n-propylamine
Concen: 3.92 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

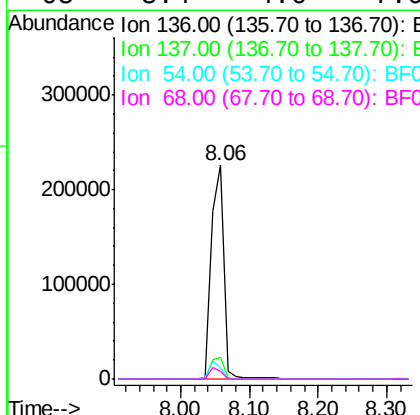
Instrument :
BNA_F
ClientSampleId :
1510093753

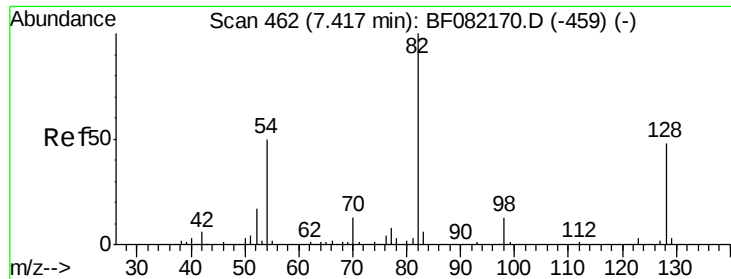
Tgt Ion: 70 Resp: 29434
Ion Ratio Lower Upper
70 100
42 40.4 39.8 59.8
101 0.0 8.6 13.0#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

Tgt Ion: 136 Resp: 292318
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 5.5 7.5 11.3#
68 3.4 4.6 7.0#

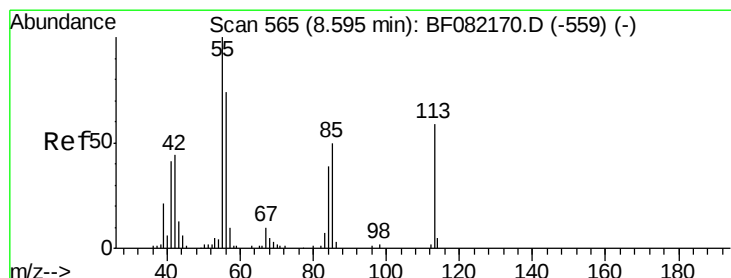
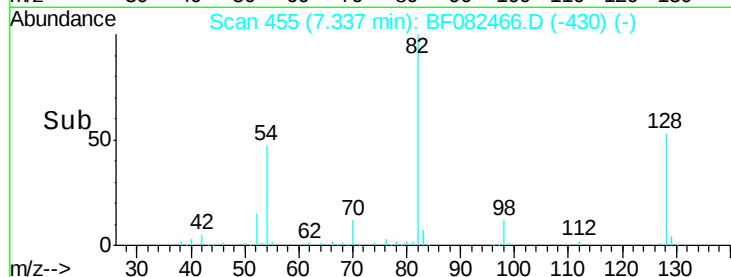
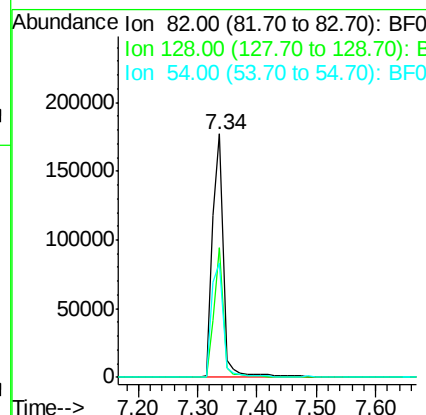
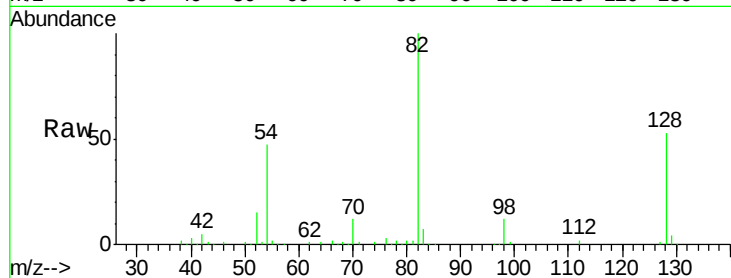




#23
 Nitrobenzene-d5
 Concen: 52.88 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

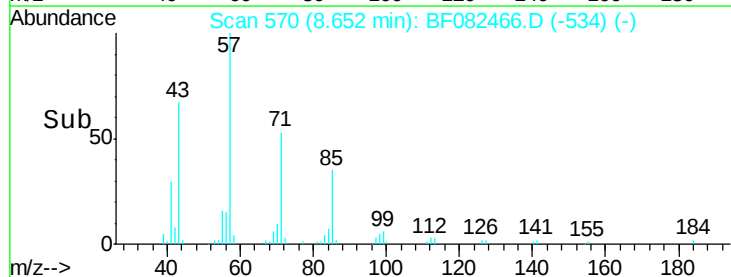
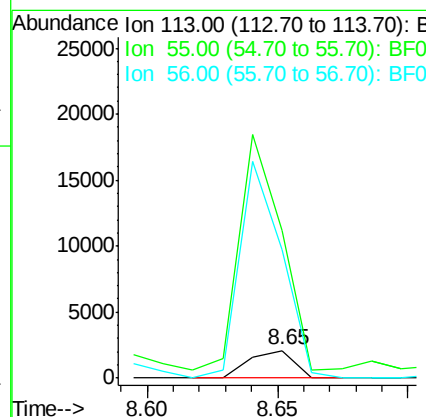
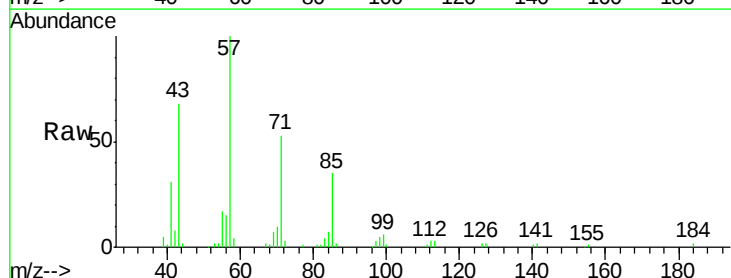
Instrument :
 BNA_F
 ClientSampleId :
 1510093753

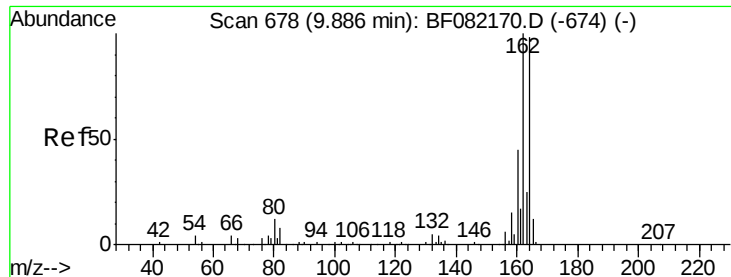
Tgt Ion: 82 Resp: 230160
 Ion Ratio Lower Upper
 82 100
 128 53.2 38.7 58.1
 54 47.0 40.1 60.1



#35
 Caprolactam
 Concen: 2.32 ng
 RT: 8.65 min Scan# 570
 Delta R.T. 0.11 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Tgt Ion: 113 Resp: 2546
 Ion Ratio Lower Upper
 113 100
 55 535.4 149.7 189.7#
 56 463.4 105.4 145.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

ClientSampleId :

1510093753

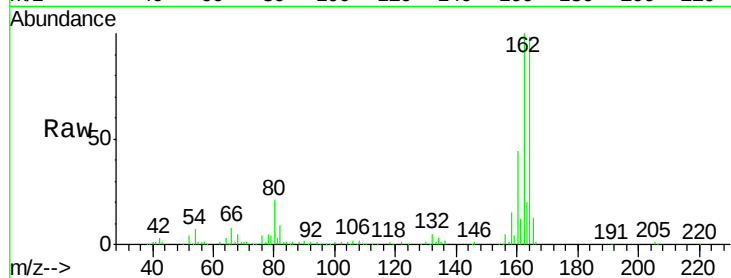
Tgt Ion:164 Resp: 134633

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

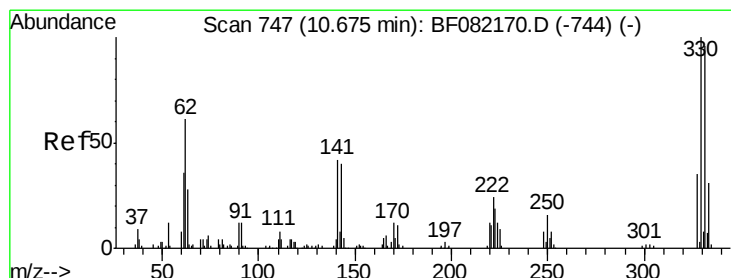
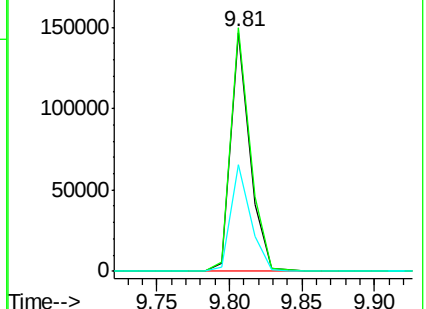
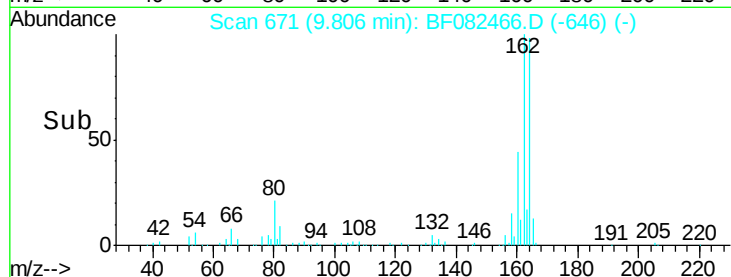
160 44.4 36.4 54.6



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: 58.21 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

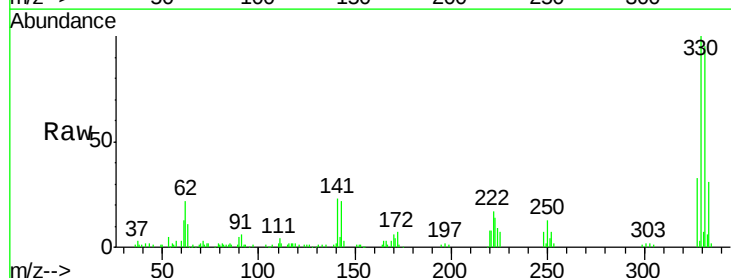
Tgt Ion:330 Resp: 73495

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

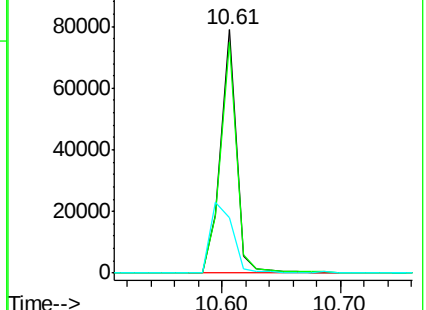
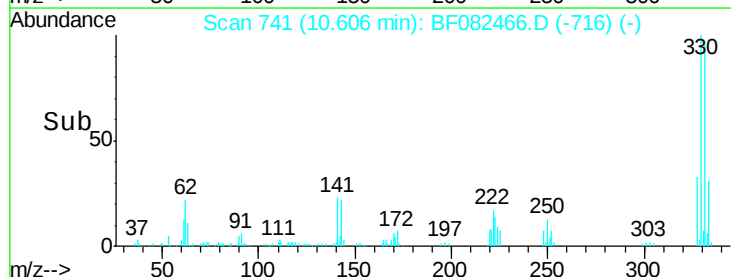
141 40.6 29.8 44.8

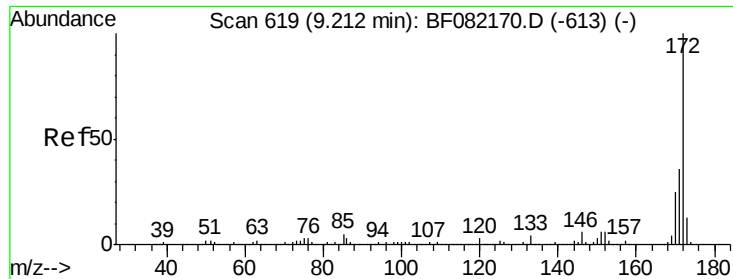


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

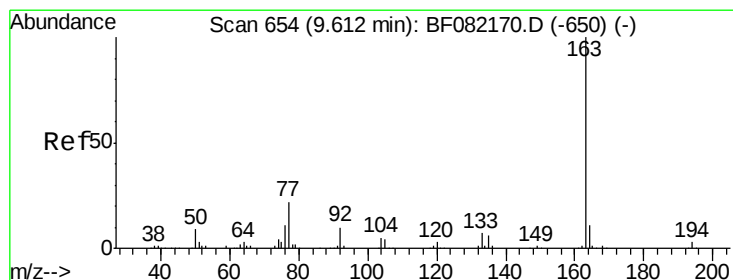
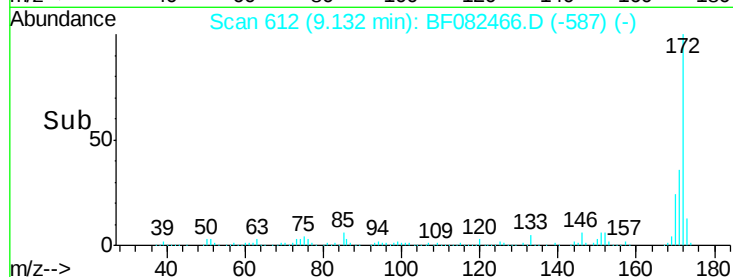
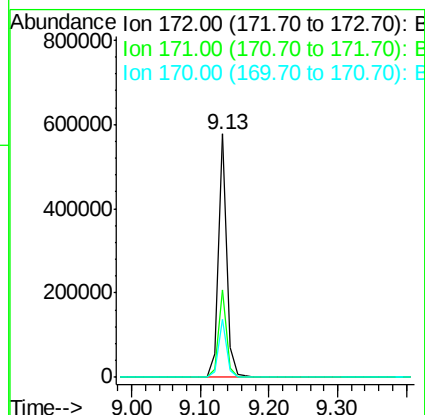
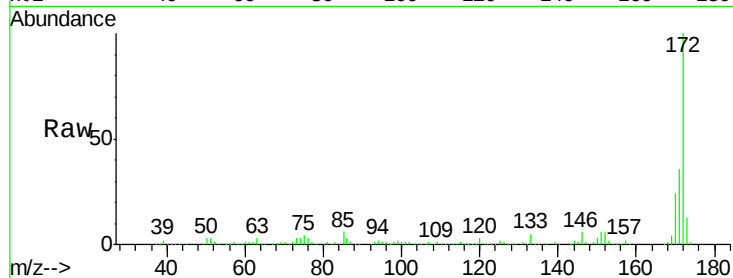




#44
 2-Fluorobiphenyl
 Concen: 61.27 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

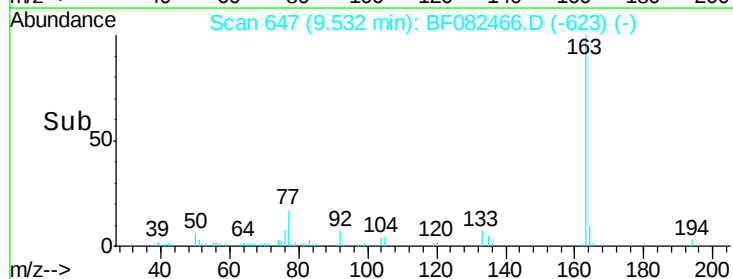
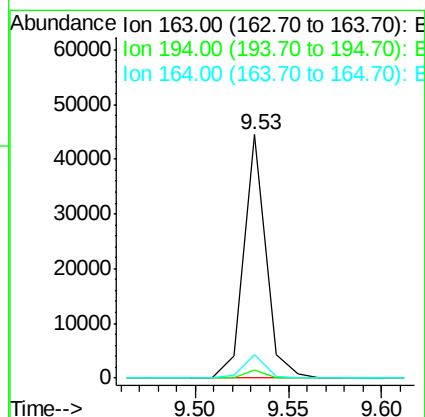
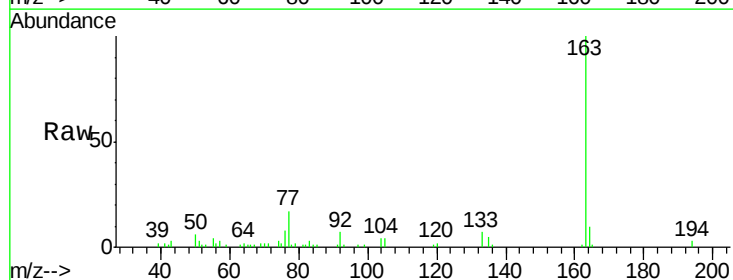
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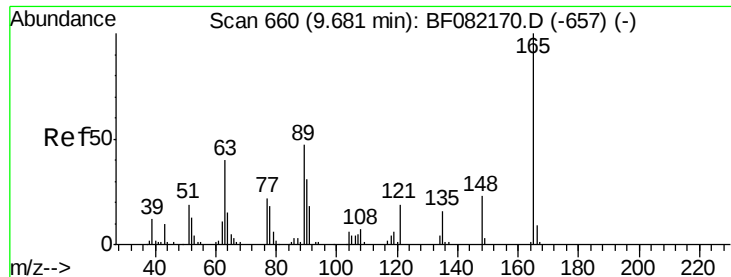
Tgt Ion:172 Resp: 497437
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.8 19.7 29.5



#49
 Dimethylphthalate
 Concen: 3.88 ng
 RT: 9.53 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Tgt Ion:163 Resp: 36808
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.6 8.5 12.7

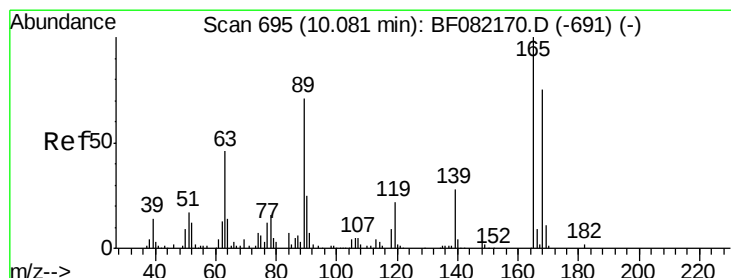
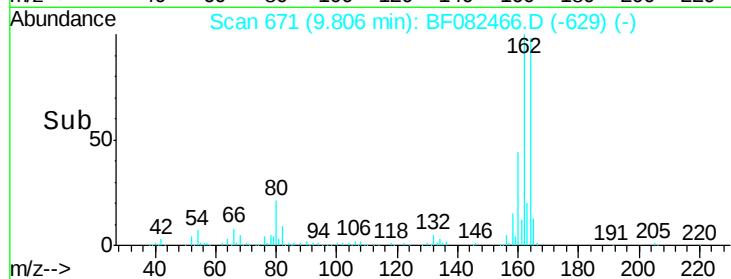
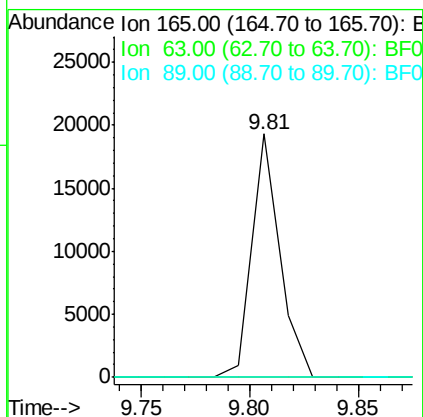
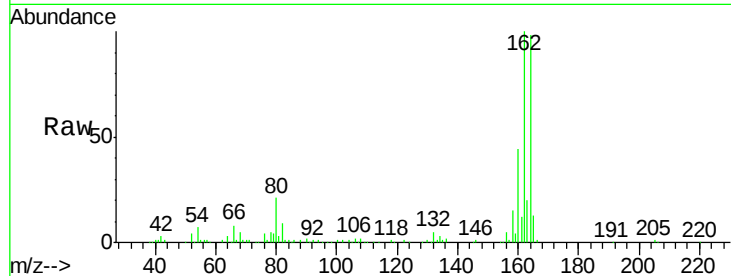




#50
 2,6-Dinitrotoluene
 Concen: 8.61 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.18 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

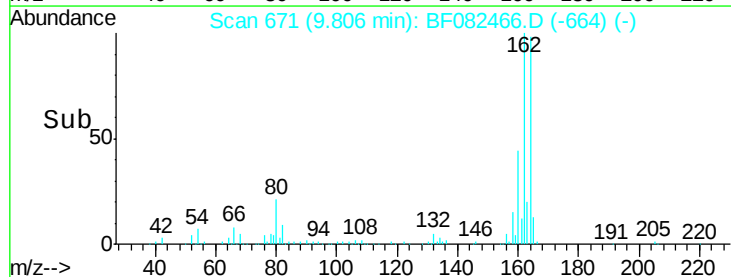
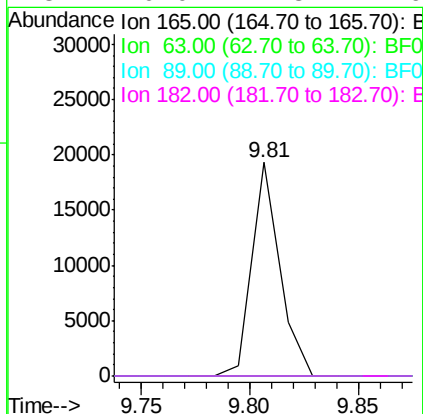
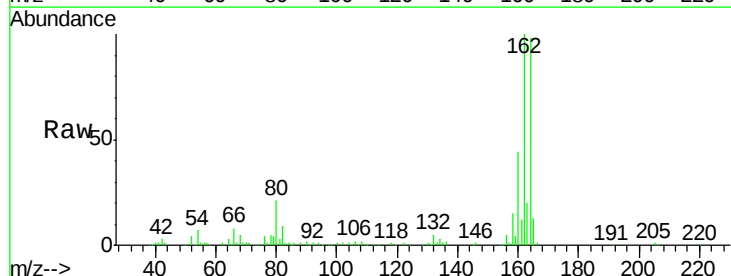
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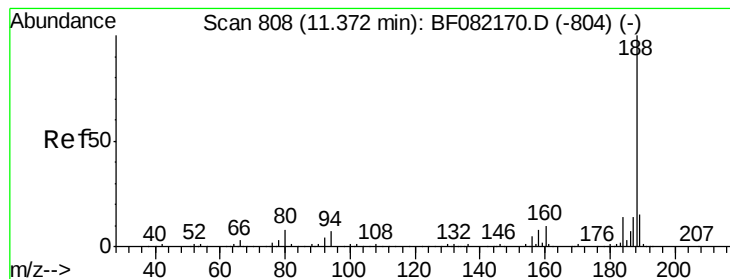
Tgt Ion:165 Resp: 17233
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 37.8 56.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082466.D
 Acq: 23 Oct 2015 1:20

Tgt Ion:165 Resp: 17233
 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: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

ClientSampleId :

1510093753

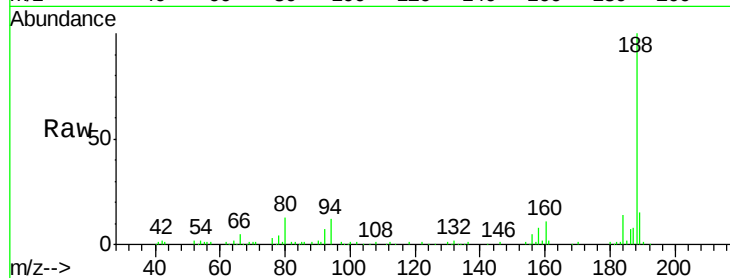
Tgt Ion:188 Resp: 213502

Ion Ratio Lower Upper

188 100

94 11.7 5.8 8.6#

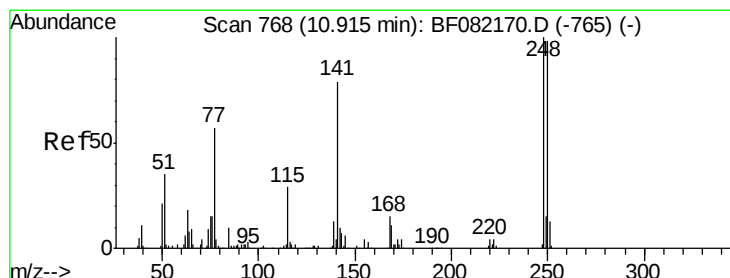
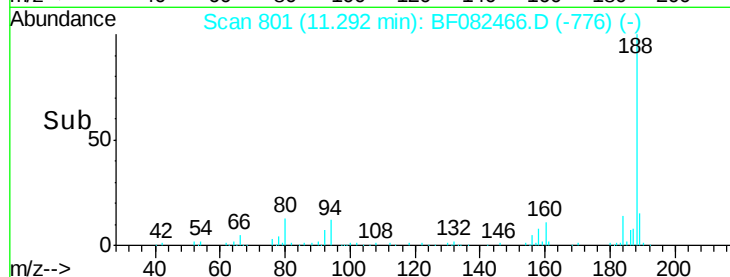
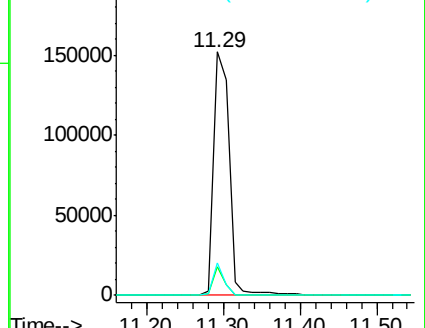
80 13.5 6.4 9.6#



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: 2.58 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

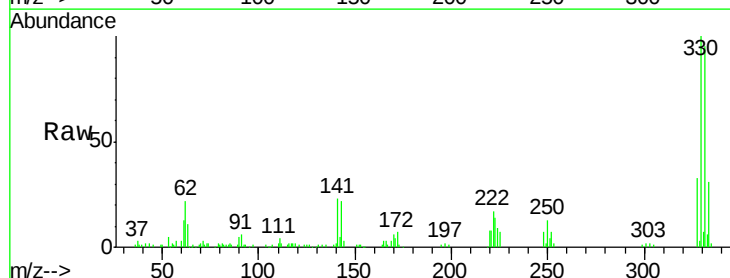
Tgt Ion:248 Resp: 5512

Ion Ratio Lower Upper

248 100

250 180.4 78.6 117.8#

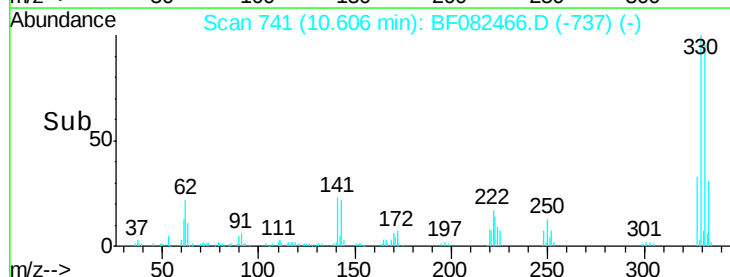
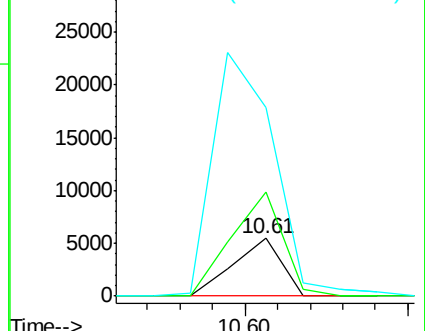
141 326.2 63.3 94.9#

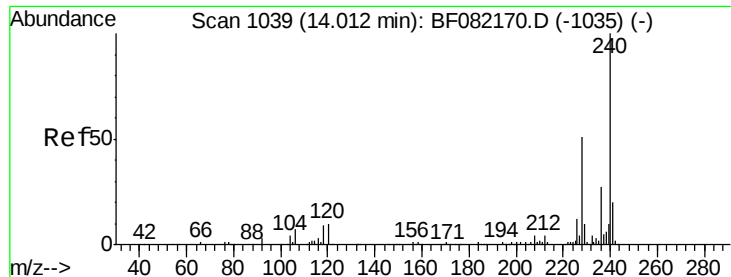


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

Instrument :

BNA_F

ClientSampleId :

1510093753

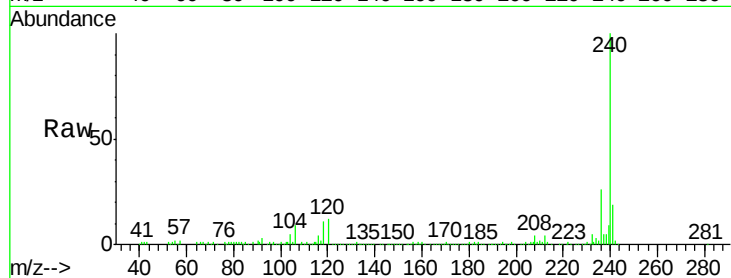
Tgt Ion:240 Resp: 200598

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

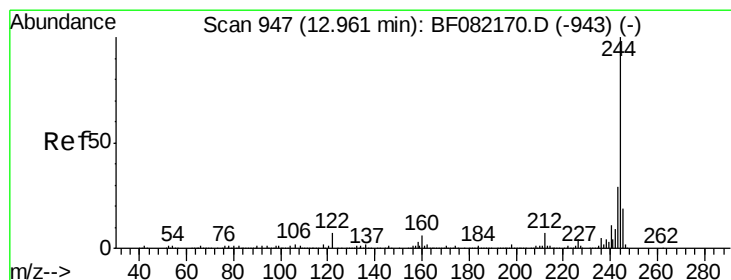
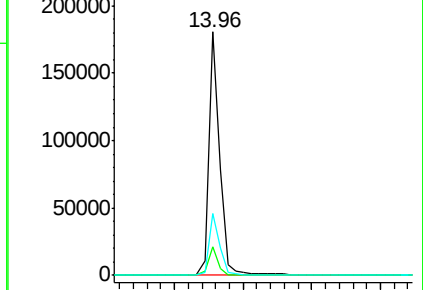
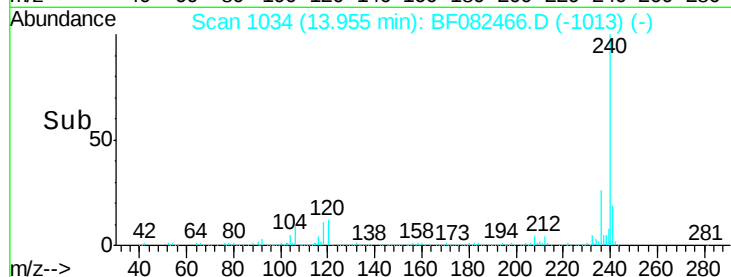
236 25.6 21.3 31.9



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: 53.45 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082466.D

Acq: 23 Oct 2015 1:20

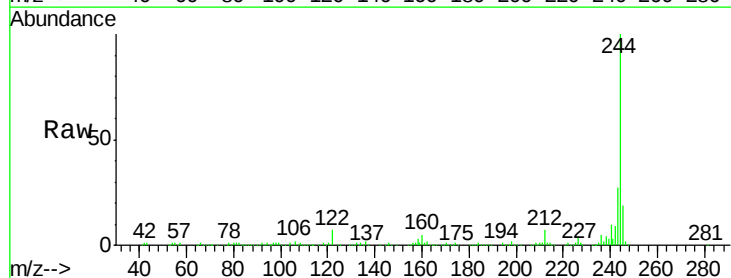
Tgt Ion:244 Resp: 404587

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

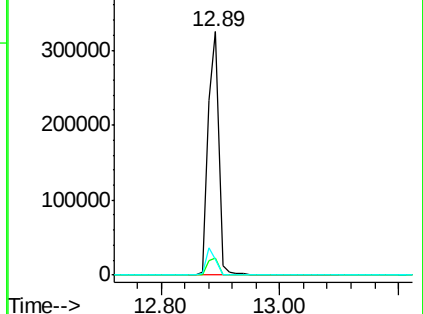
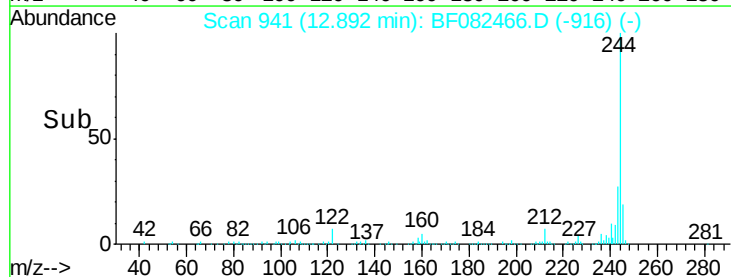
122 6.6 5.9 8.9

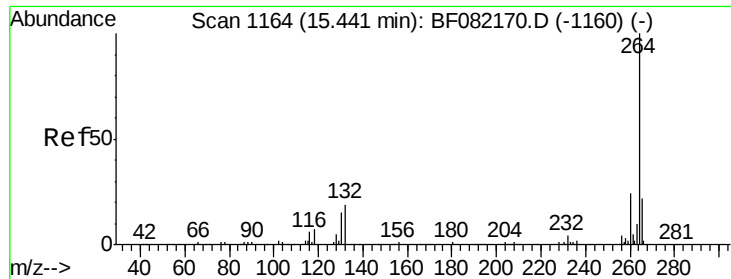


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.09 min
Lab File: BF082466.D
Acq: 23 Oct 2015 1:20

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	22.2	17.3	25.9

