

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082299.D
 Acq On : 15 Oct 2015 10:07
 Operator : UM/IZ
 Sample : G4016-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Quant Time: Oct 16 01:06:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

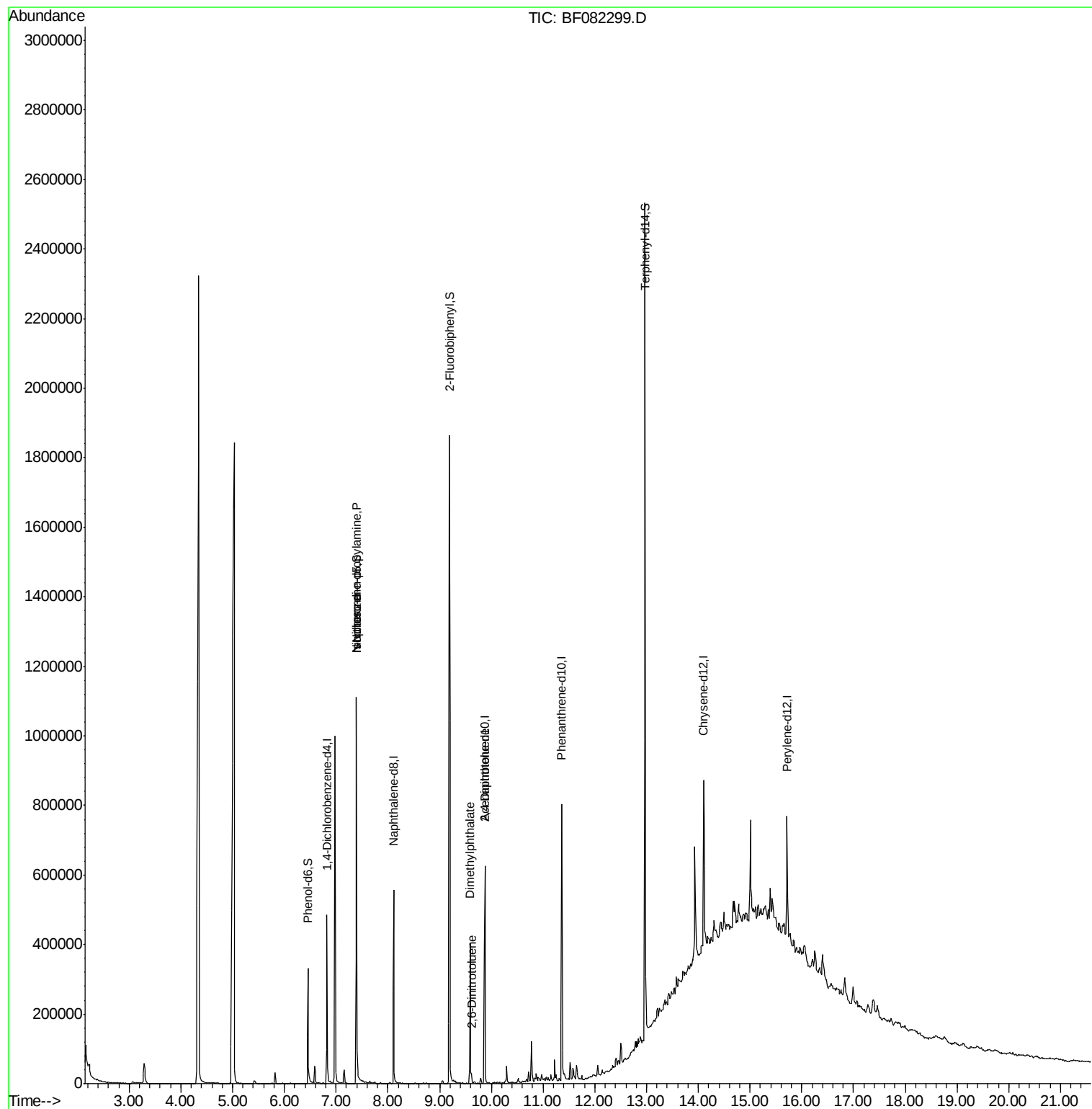
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82777	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	322540	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	163148	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	332135	20.00	ng	0.00
75) Chrysene-d12	14.10	240	231430	20.00	ng	0.01
86) Perylene-d12	15.72	264	185989	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	4926	1.20	ng	0.01
7) Phenol-d6	6.46	99	157803	29.57	ng	-0.01
23) Nitrobenzene-d5	7.39	82	412755	85.94	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	784809	79.77	ng	-0.01
78) Terphenyl-d14	12.97	244	845322	96.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	52256	13.94	ng	# 78
25) Isophorone	7.39	82	312351	32.22	ng	# 66
49) Dimethylphthalate	9.59	163	165790	14.43	ng	99
50) 2,6-Dinitrotoluene	9.62	165	6646	2.74	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	20207	6.67	ng	# 21

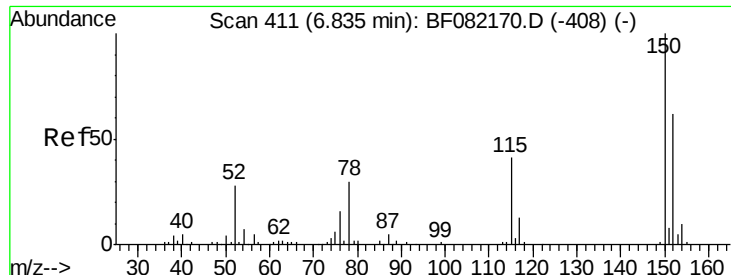
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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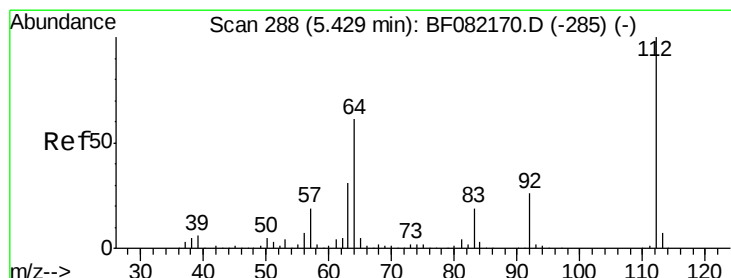
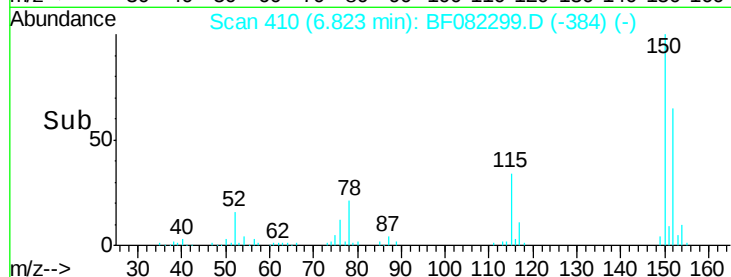
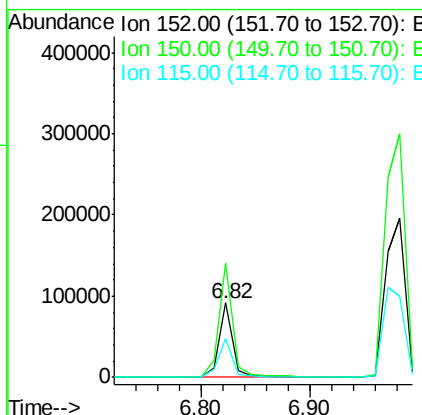
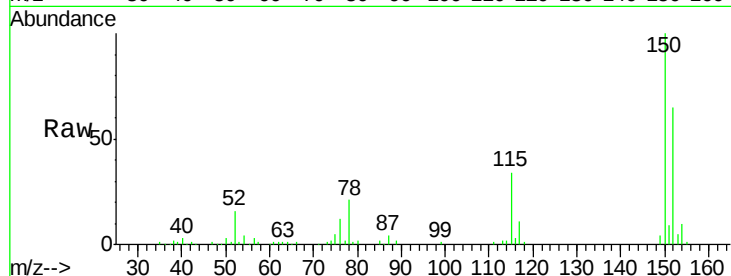


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082299.D
Acq: 15 Oct 2015 10:07

Instrument :
BNA_F
ClientSampleId :
CS-12

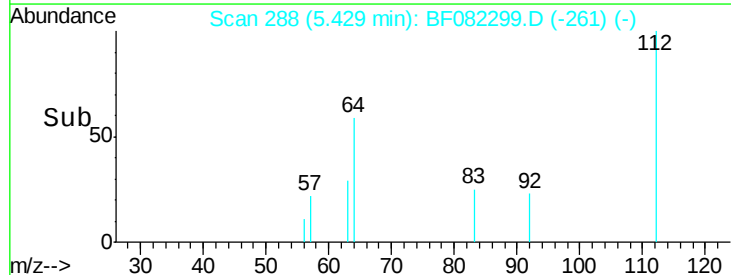
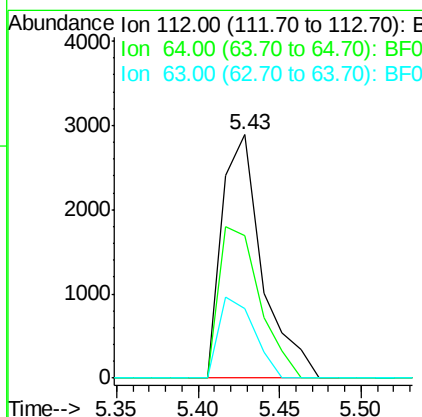
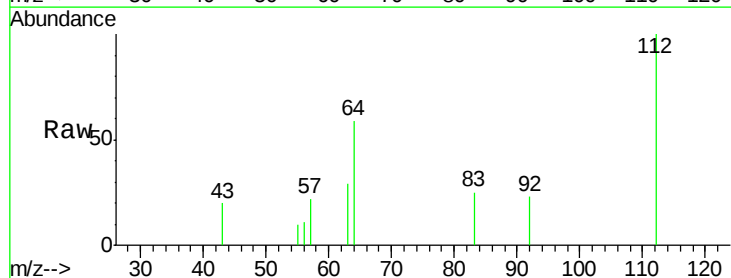
Tot Ion:152 Resp: 82777
Ion Ratio Lower Upper
152 100
150 154.6 129.0 193.4
115 52.9 52.1 78.1

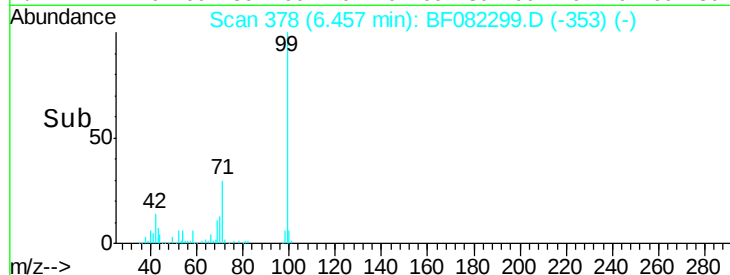
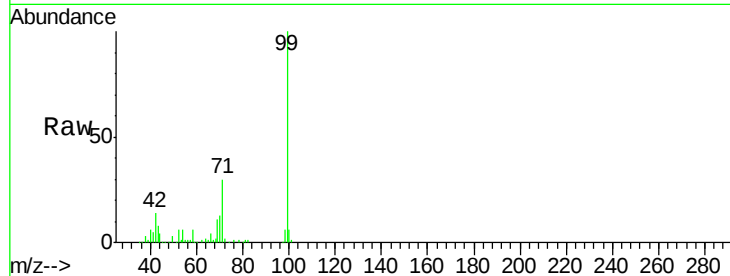


#5

2-Fluorophenol
Concen: 1.20 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082299.D
Acq: 15 Oct 2015 10:07

Tgt Ion:112 Resp: 4926
Ion Ratio Lower Upper
112 100
64 58.8 48.6 73.0
63 28.5 25.1 37.7





#7

Phenol-d6

Concen: 29.57 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

CS-12

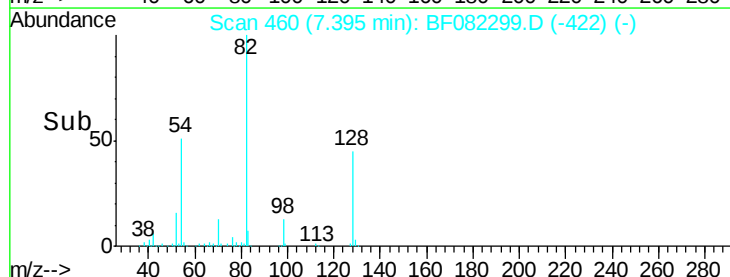
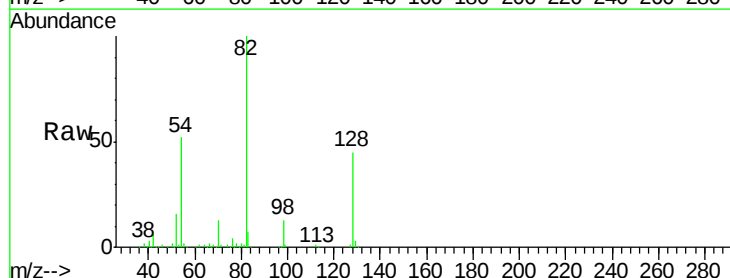
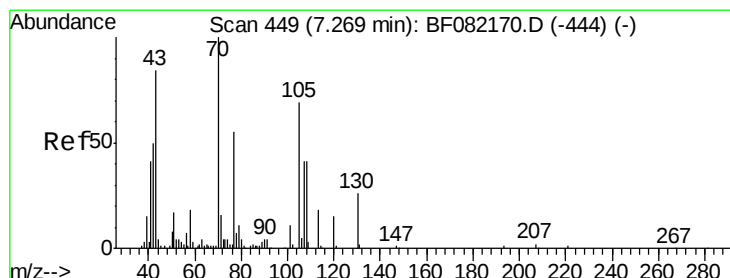
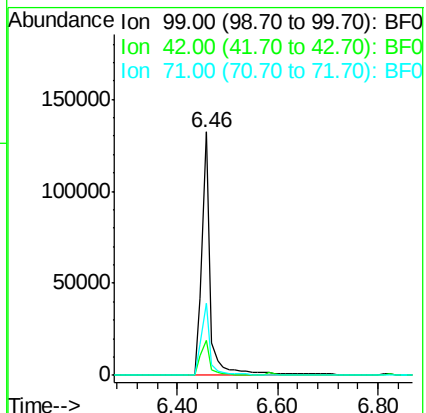
Tot Ion: 99 Resp: 157803

Ion Ratio Lower Upper

99 100

42 14.5 13.2 19.8

71 29.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.94 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Tgt Ion: 70 Resp: 52256

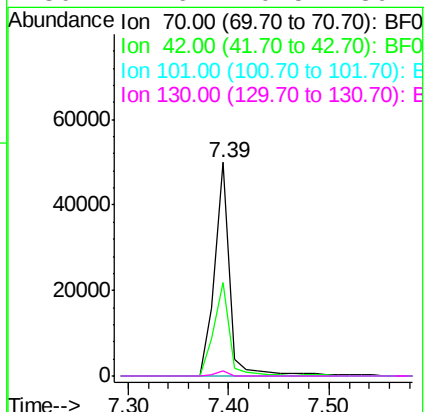
Ion Ratio Lower Upper

70 100

42 43.5 39.8 59.8

101 0.0 8.6 13.0#

130 2.6 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

CS-12

Tot Ion:136 Resp: 322540

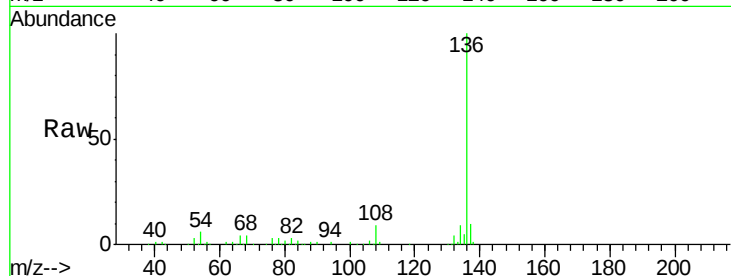
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 6.0 7.5 11.3#

68 4.2 4.6 7.0#

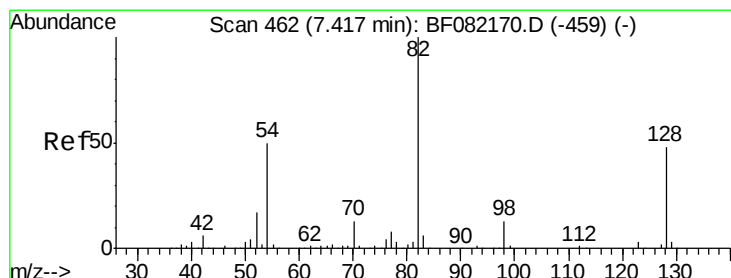
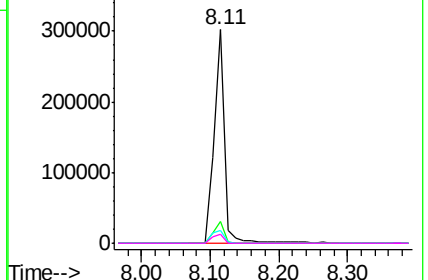
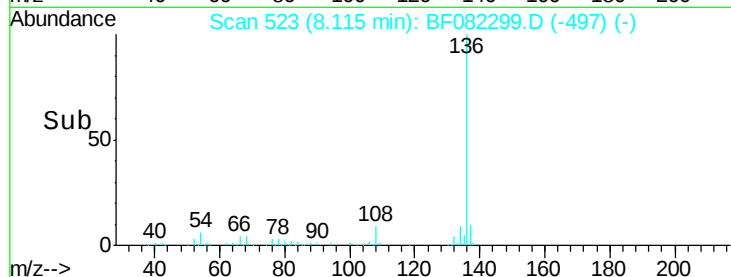


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.94 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

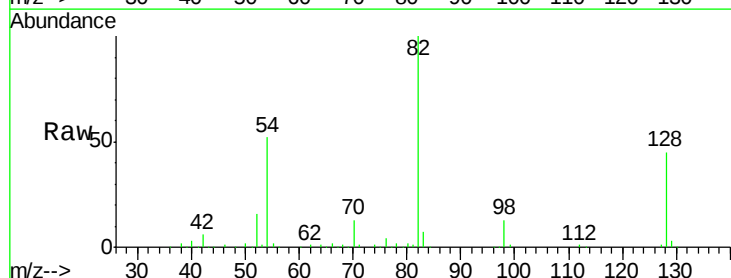
Tgt Ion: 82 Resp: 412755

Ion Ratio Lower Upper

82 100

128 45.0 38.7 58.1

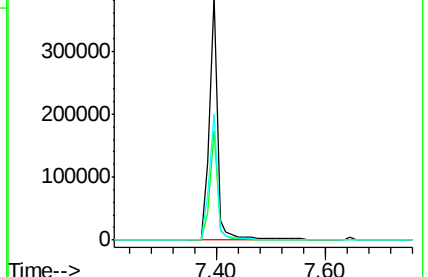
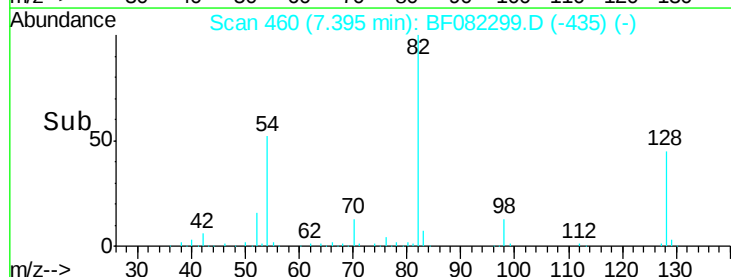
54 51.6 40.1 60.1

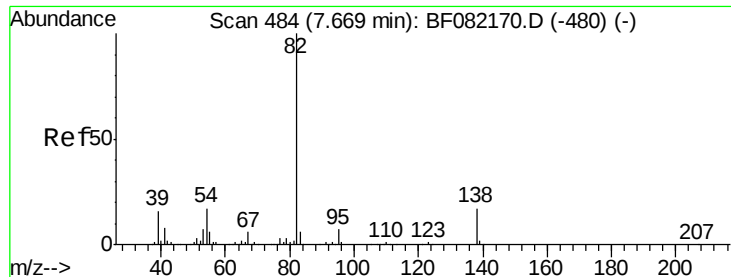


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.22 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

CS-12

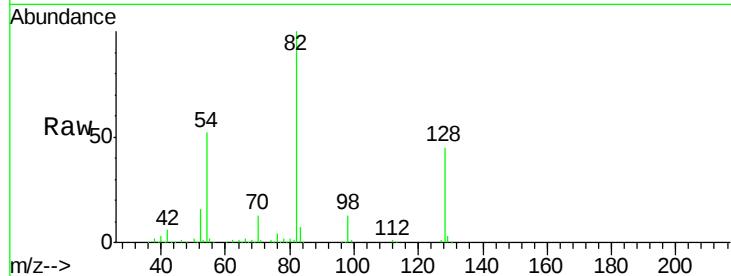
Tot Ion: 82 Resp: 312351

Ion Ratio Lower Upper

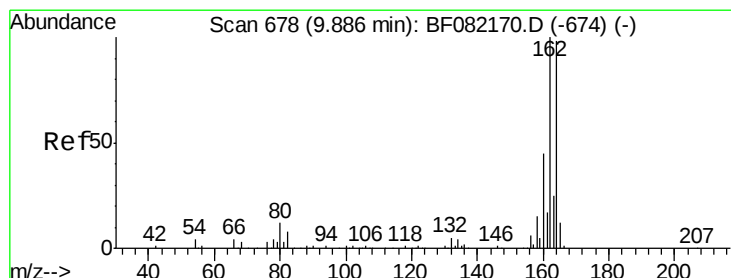
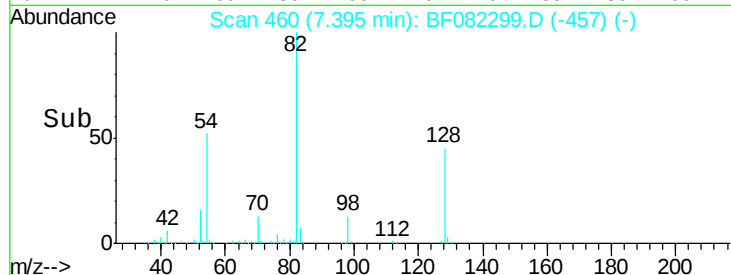
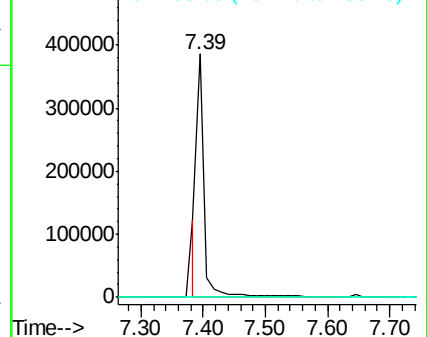
82 100

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: BF082299.D

Acq: 15 Oct 2015 10:07

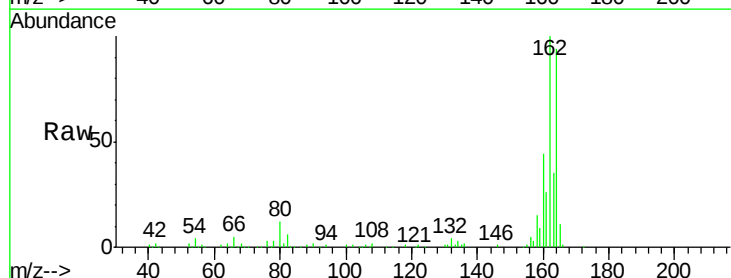
Tgt Ion: 164 Resp: 163148

Ion Ratio Lower Upper

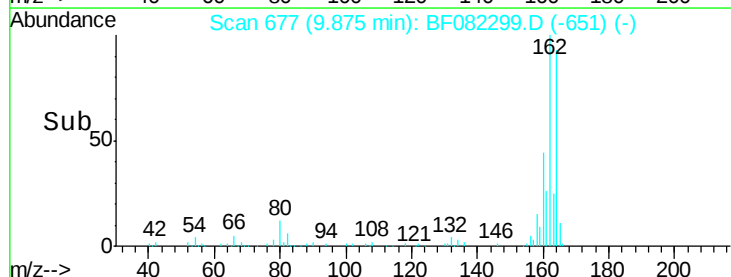
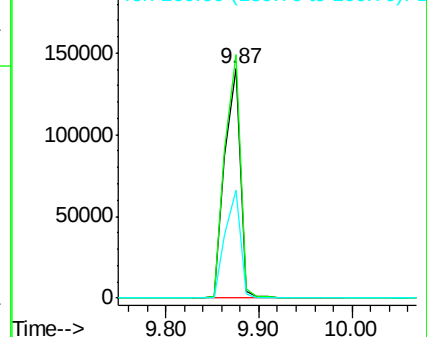
164 100

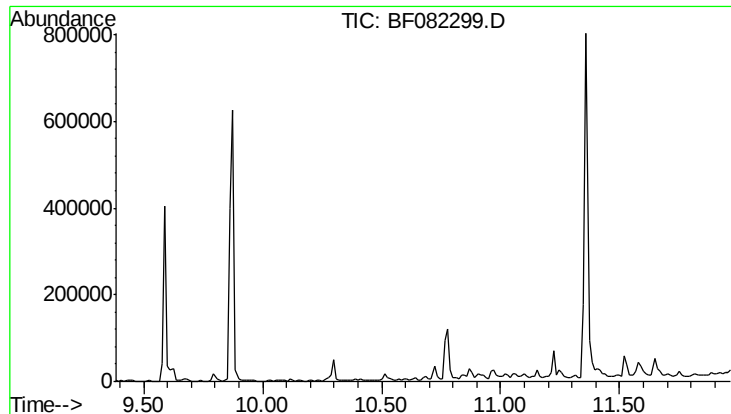
162 106.2 81.6 122.4

160 47.0 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

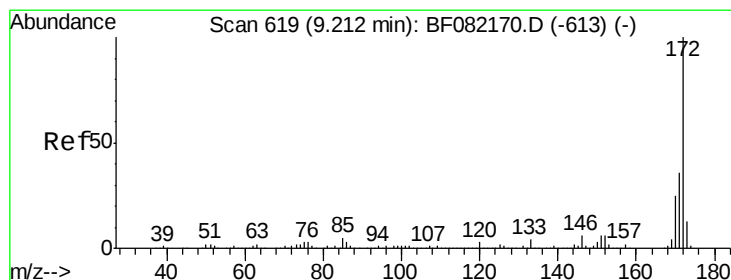
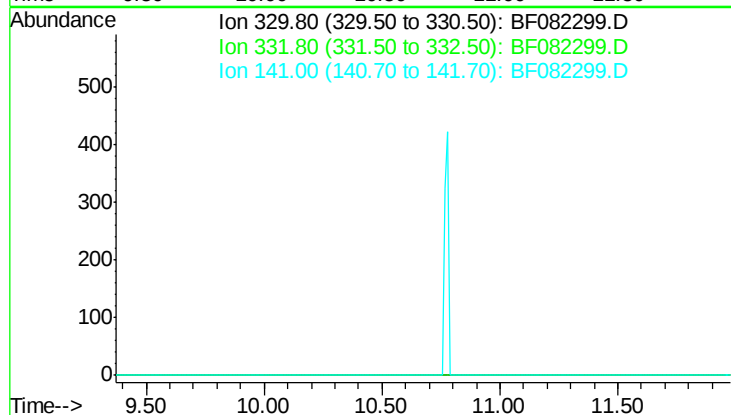




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF082299.D
 Acq: 15 Oct 2015 10:07

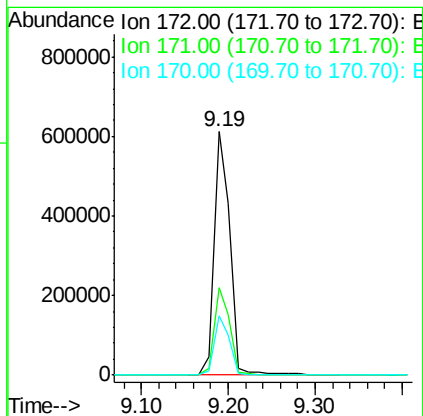
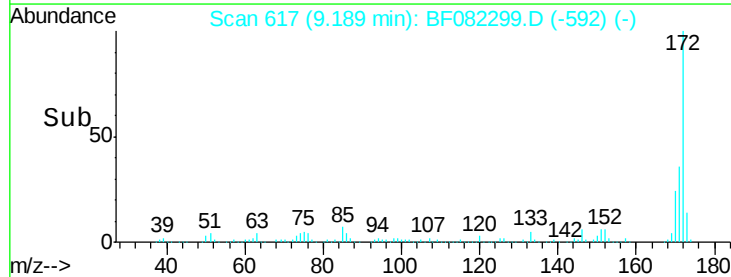
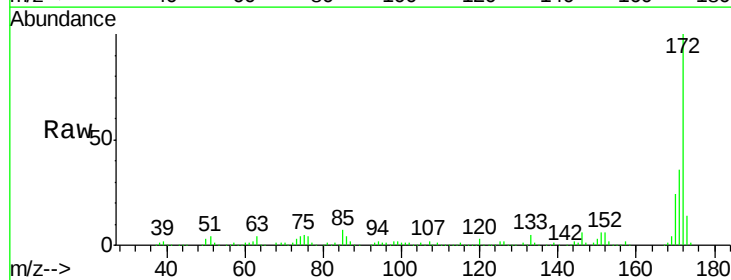
Instrument :
 BNA_F
 ClientSampleId :
 CS-12

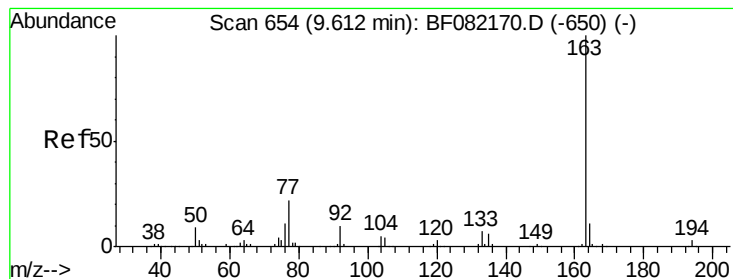
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 37.3



#44
 2-Fluorobiphenyl
 Concen: 79.77 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082299.D
 Acq: 15 Oct 2015 10:07

Tgt Ion: 172 Resp: 784809
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 24.2 19.7 29.5





#49

Dimethylphthalate

Concen: 14.43 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

CS-12

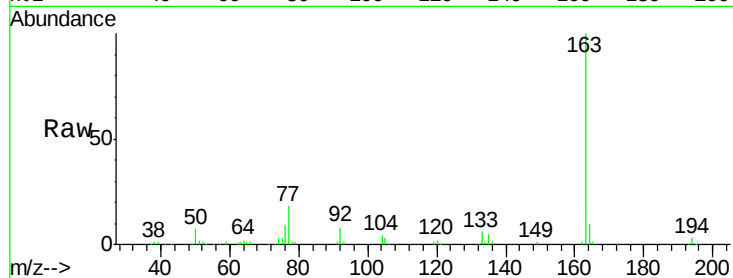
Tot Ion:163 Resp: 165790

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

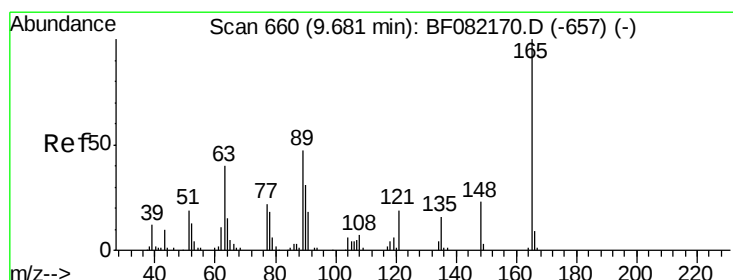
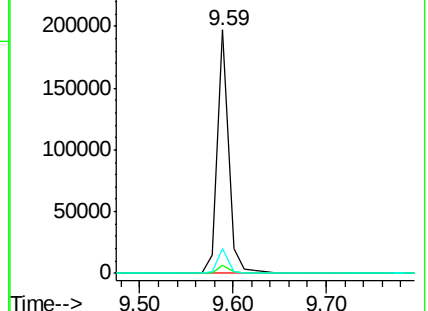
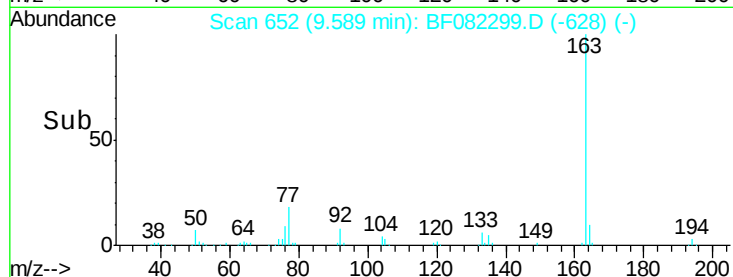
164 9.9 8.5 12.7



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: 2.74 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

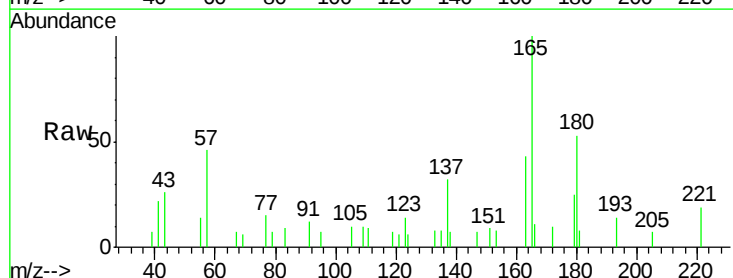
Tgt Ion:165 Resp: 6646

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

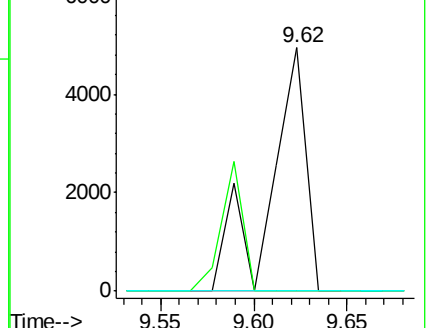
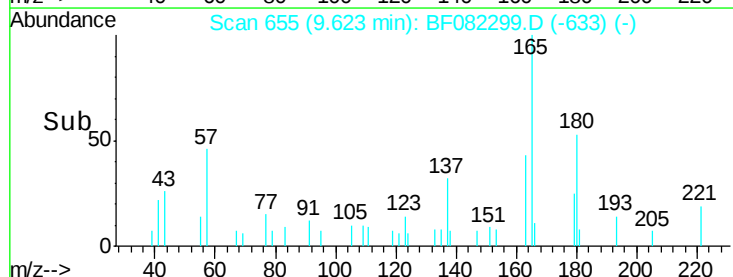
89 0.0 37.8 56.6#

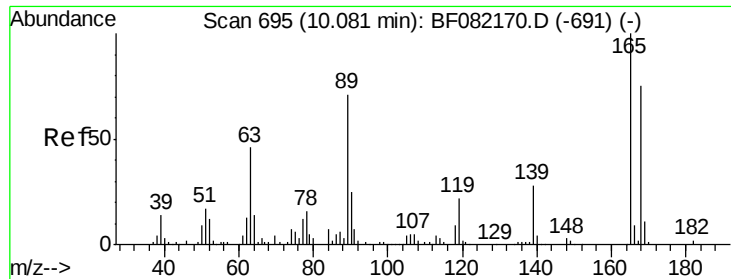


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

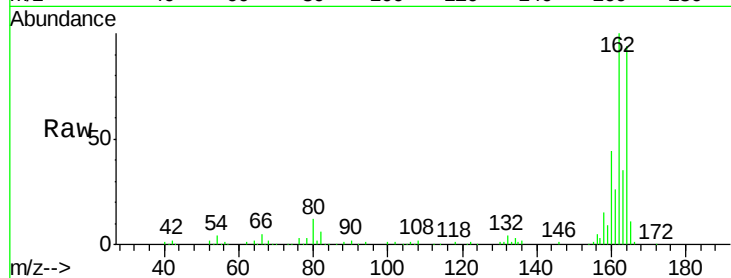




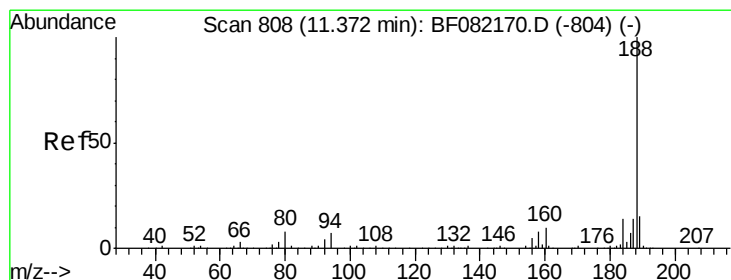
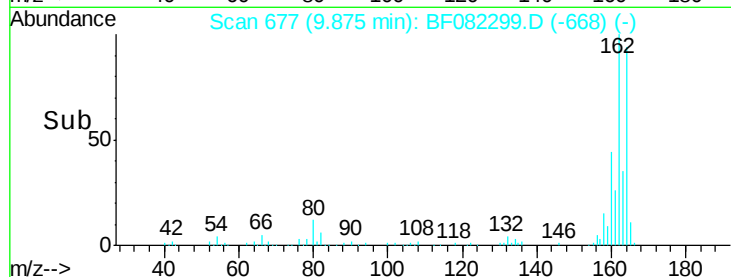
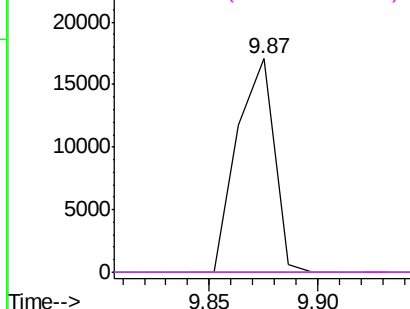
#56
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF082299.D
 Acq: 15 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampled :
 CS-12

Tot Ion:165	Resp:	20207
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#

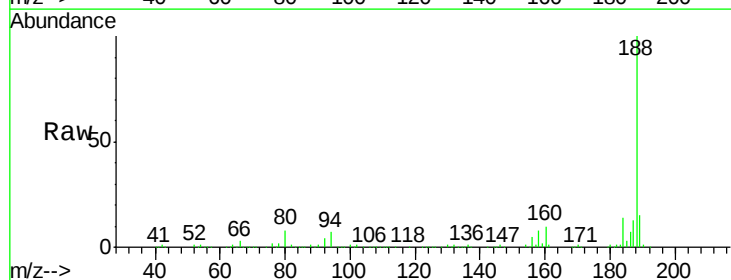


Abundance Ion 165.00 (164.70 to 165.70): E

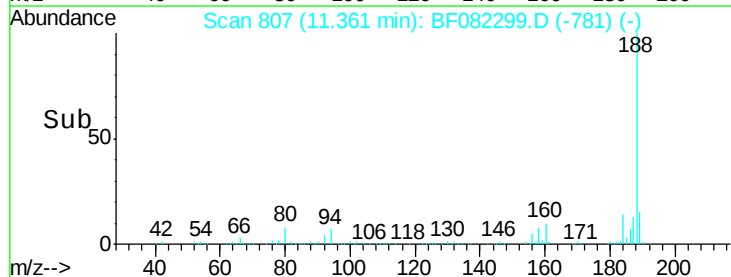
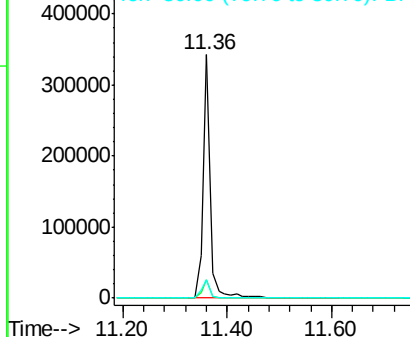


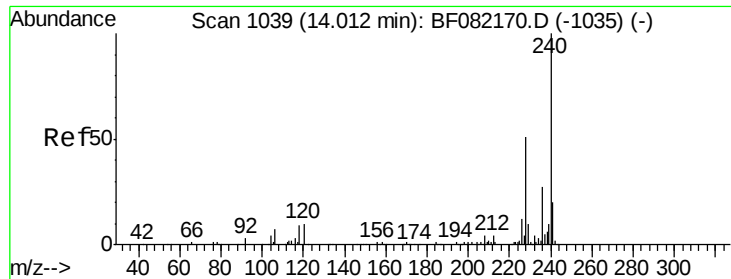
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF082299.D
 Acq: 15 Oct 2015 10:07

Tgt Ion:188	Resp:	332135
Ion Ratio	Lower	Upper
188	100	
94	7.4	5.8 8.6
80	7.5	6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

CS-12

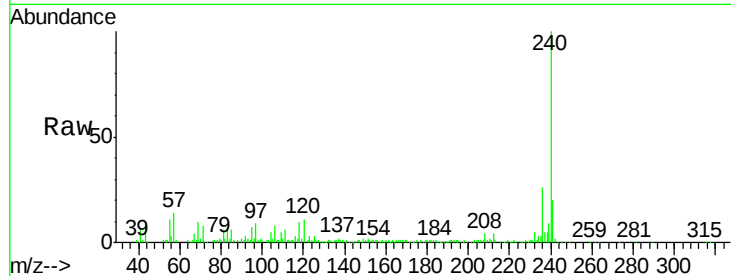
Tot Ion:240 Resp: 231430

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

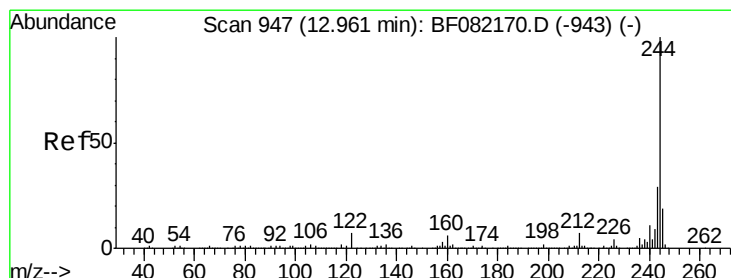
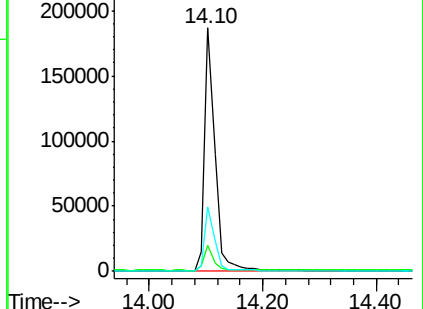
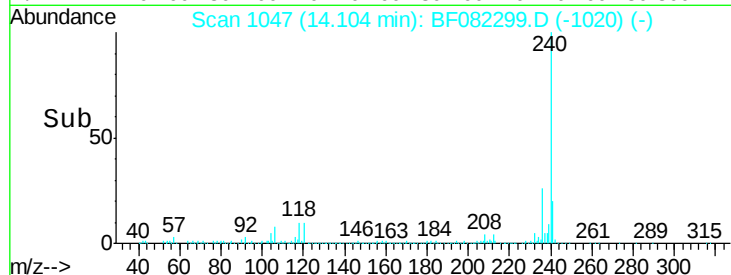
236 26.4 21.3 31.9



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: 96.79 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

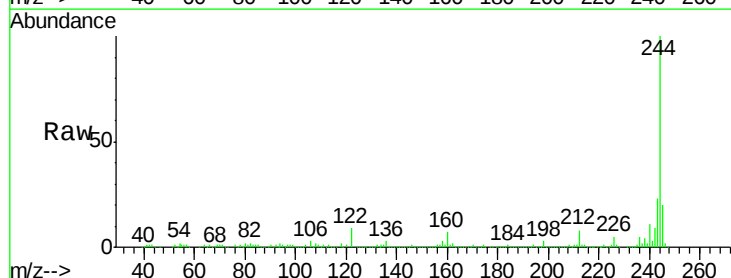
Tgt Ion:244 Resp: 845322

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

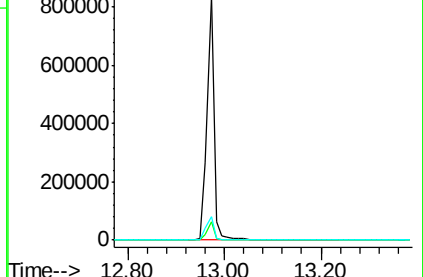
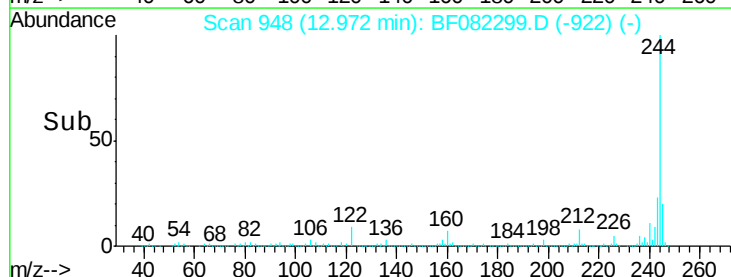
122 9.5 5.9 8.9#

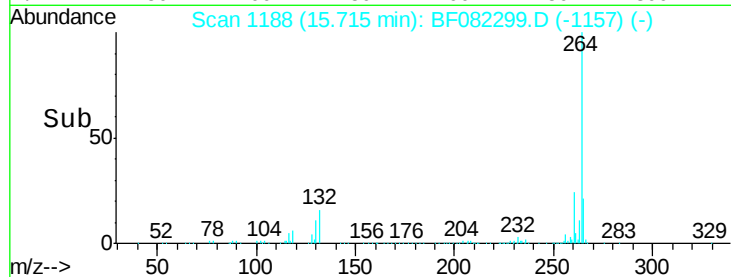
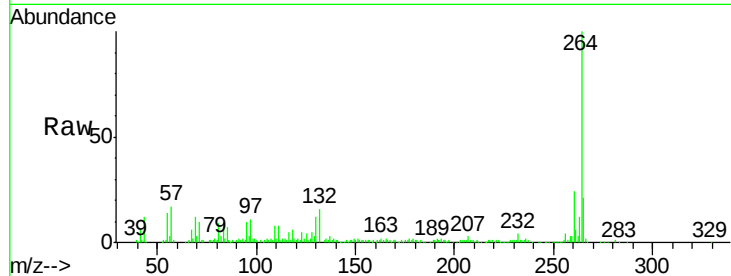
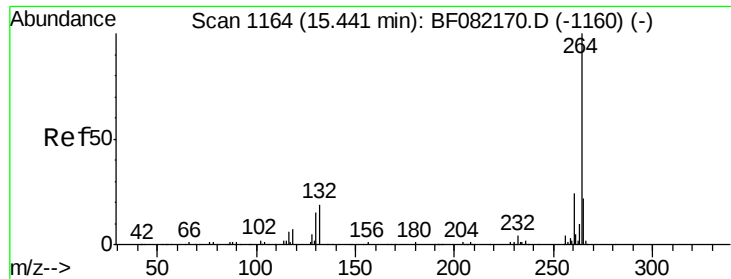


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.72 min Scan# 1188
 Delta R.T. 0.06 min
 Lab File: BF082299.D
 Acq: 15 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.0	17.3	25.9

