

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082313.D
 Acq On : 15 Oct 2015 17:05
 Operator : UM/IZ
 Sample : G4016-03 25X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Quant Time: Oct 16 01:11:52 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

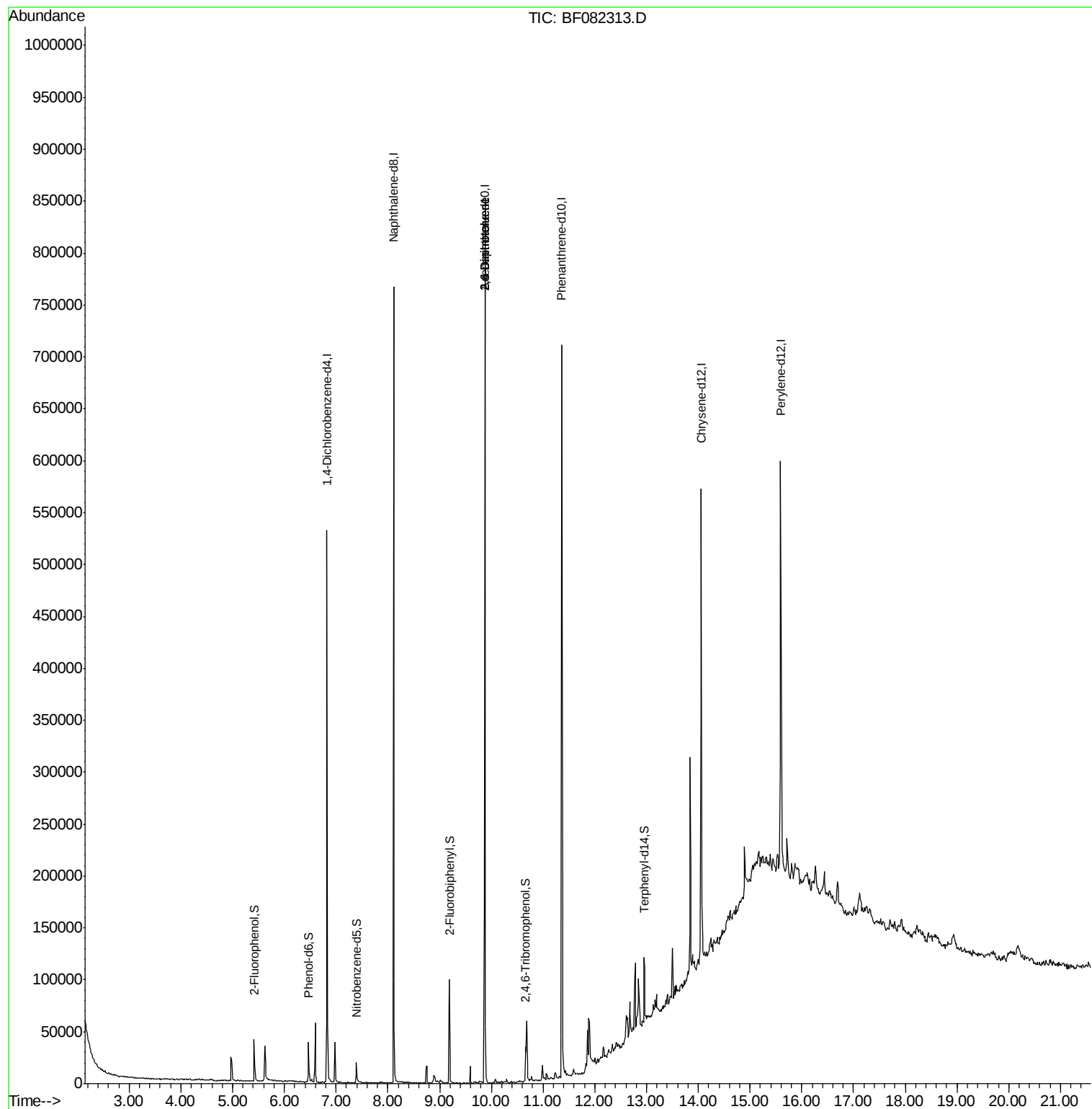
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	84387	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	338878	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	165642	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	282004	20.00	ng	0.00
75) Chrysene-d12	14.06	240	210975	20.00	ng	-0.03
86) Perylene-d12	15.59	264	201840	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	14575	3.49	ng	0.00
7) Phenol-d6	6.47	99	19727	3.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	10931	2.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	4602	2.96	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	35460	3.55	ng	-0.01
78) Terphenyl-d14	12.95	244	27277	3.43	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.87	165	20852	8.47	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	20852	6.78	ng	# 22

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

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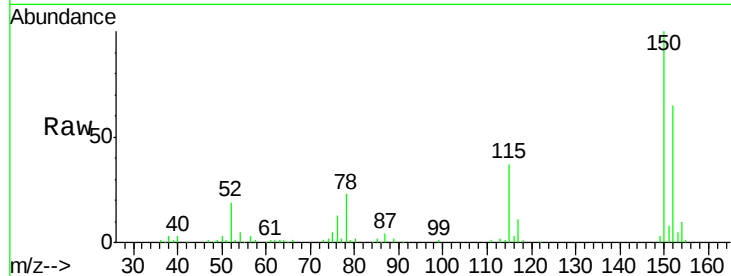


#1

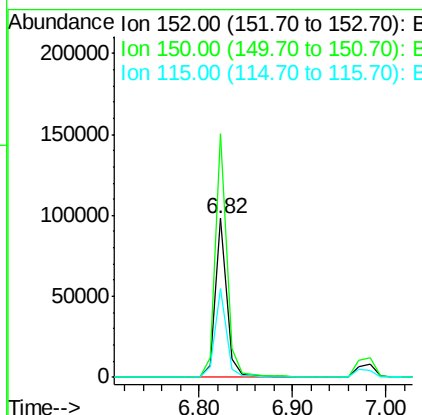
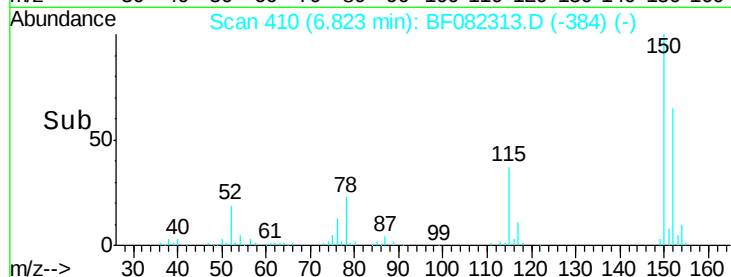
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Instrument :
BNA_F
ClientSampleId :
CS-3

Tot Ion:152 Resp: 84387
Ion Ratio Lower Upper
152 100
150 153.6 129.0 193.4
115 56.2 52.1 78.1



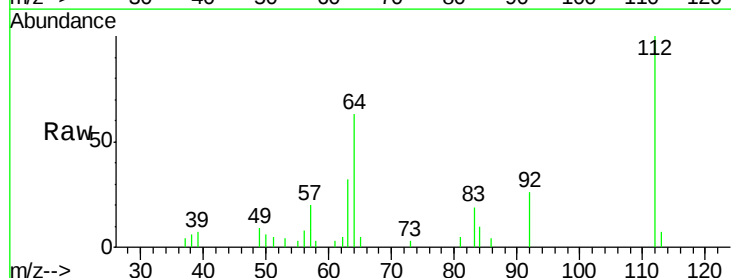
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



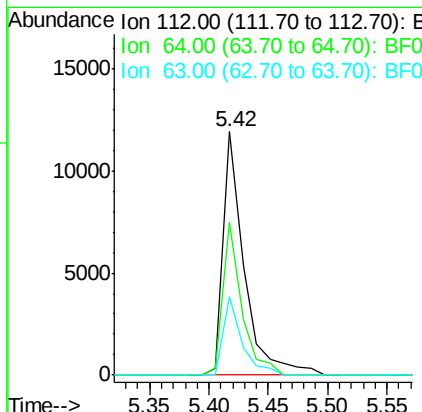
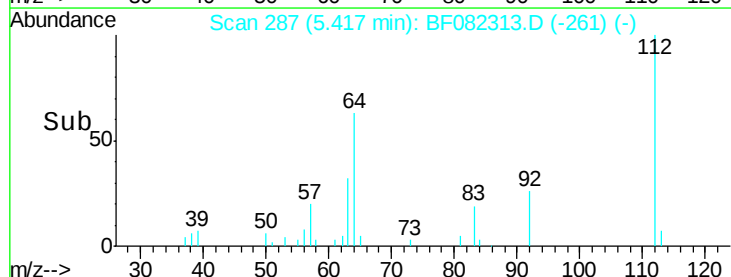
#5

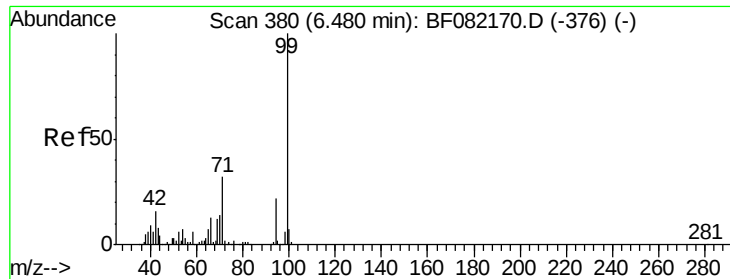
2-Fluorophenol
Concen: 3.49 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Tgt Ion:112 Resp: 14575
Ion Ratio Lower Upper
112 100
64 62.8 48.6 73.0
63 32.2 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: 3.63 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

CS-3

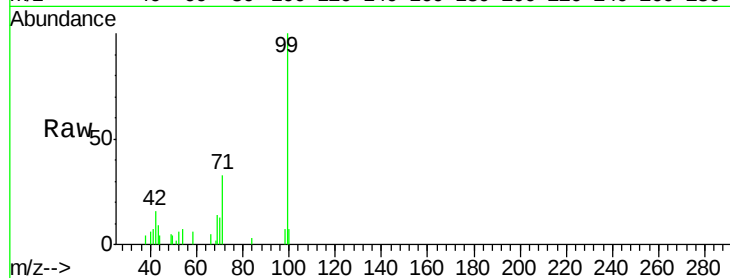
Tot Ion: 99 Resp: 19727

Ion Ratio Lower Upper

99 100

42 16.2 13.2 19.8

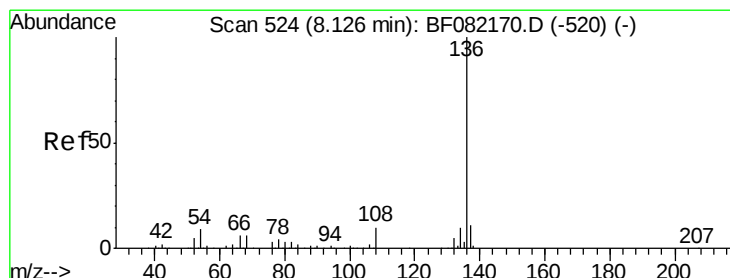
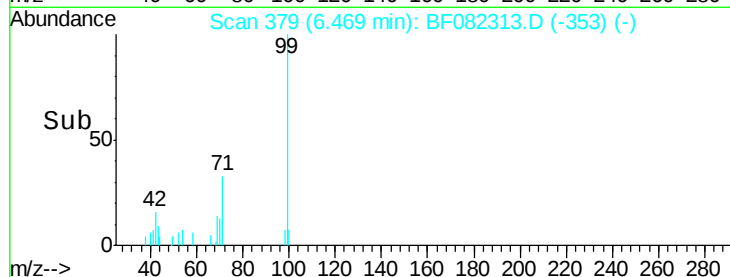
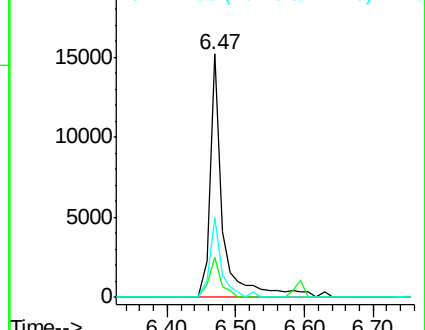
71 32.9 25.6 38.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Tgt Ion: 136 Resp: 338878

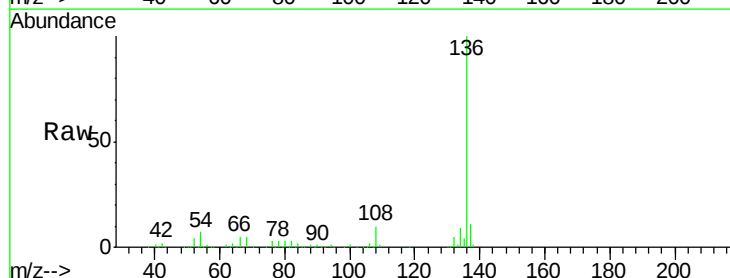
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.1 7.5 11.3#

68 4.9 4.6 7.0

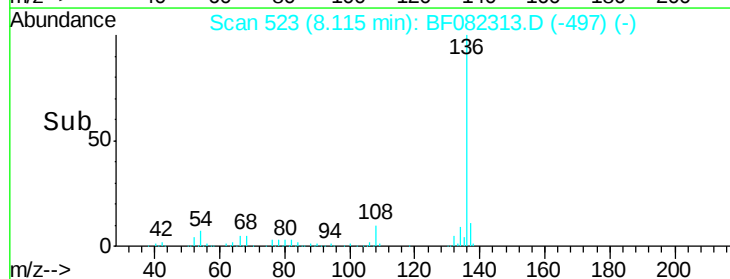
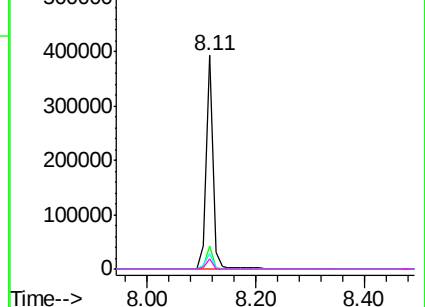


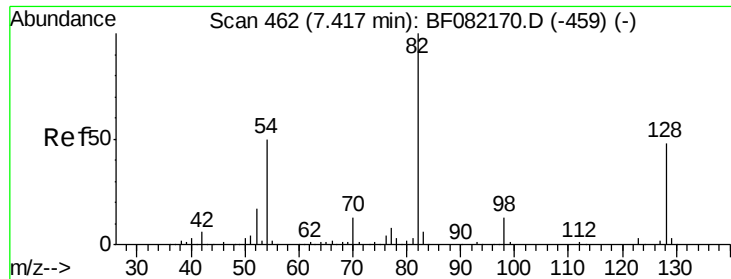
Abundance Ion 136.00 (135.70 to 136.70): E

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

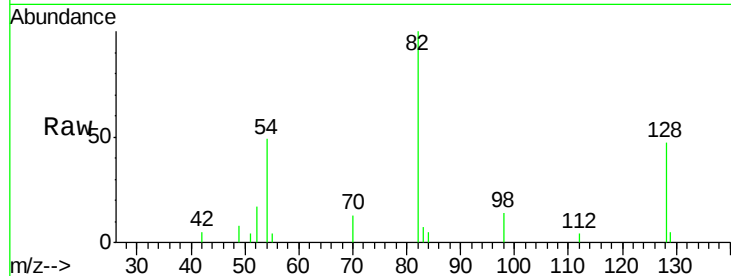




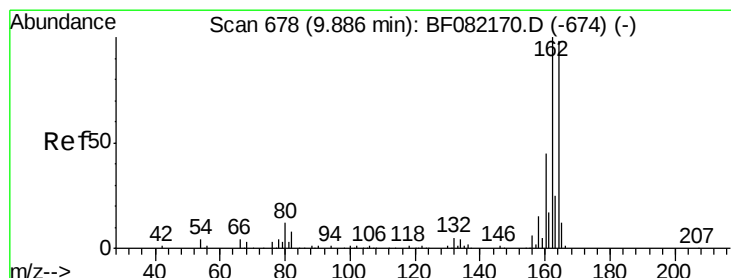
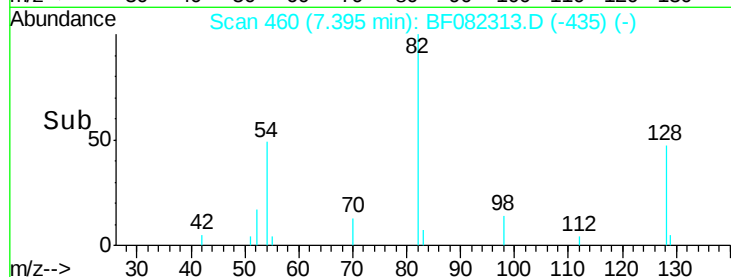
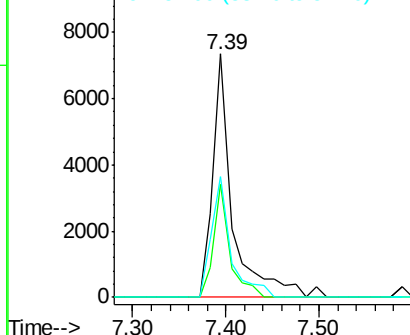
#23
Nitrobenzene-d5
Concen: 2.17 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Instrument :
BNA_F
ClientSampled :
CS-3

Tot Ion: 82 Resp: 10931
Ion Ratio Lower Upper
82 100
128 46.6 38.7 58.1
54 49.5 40.1 60.1

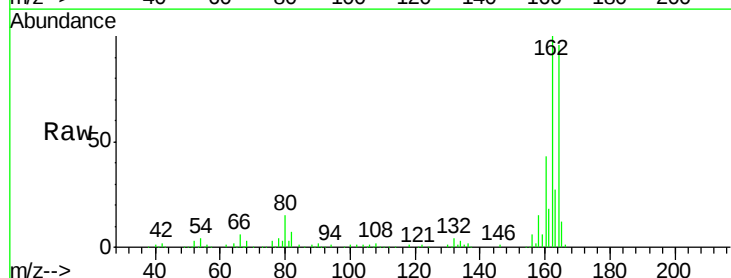


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

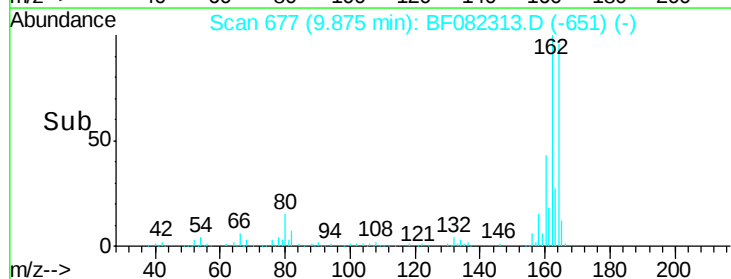
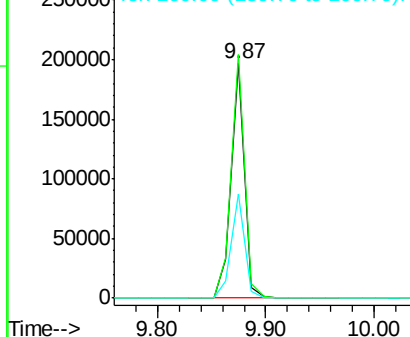


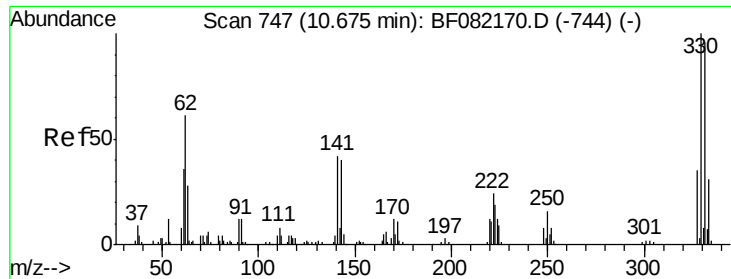
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Tgt Ion:164 Resp: 165642
Ion Ratio Lower Upper
164 100
162 103.8 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

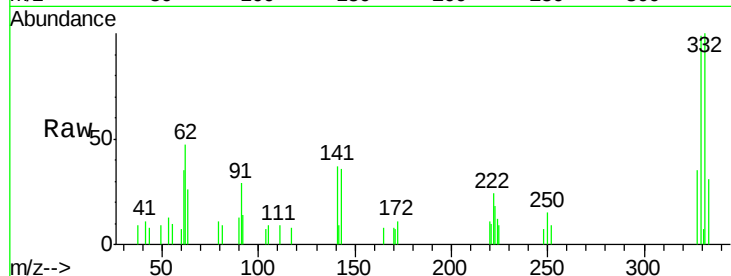




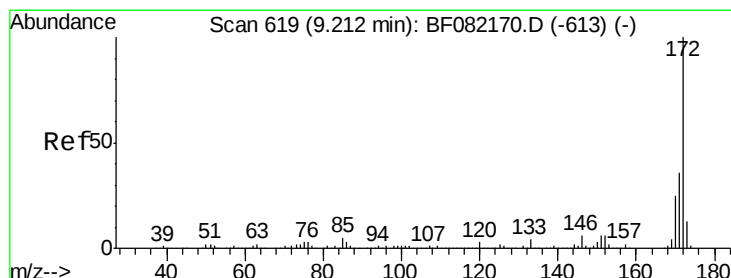
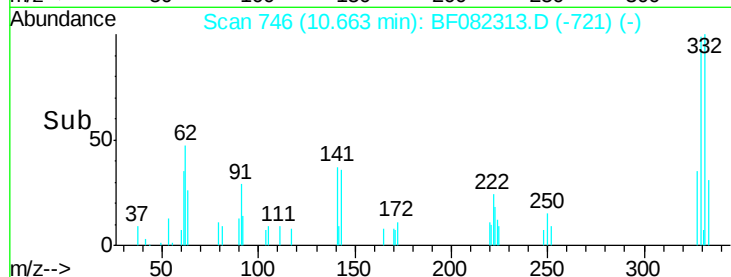
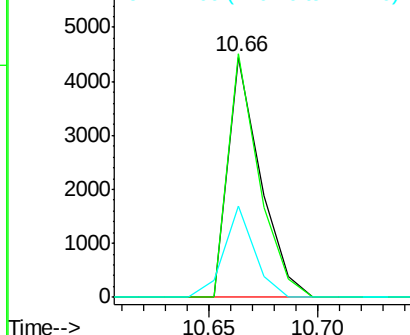
#41
 2,4,6-Tribromophenol
 Concen: 2.96 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082313.D
 Acq: 15 Oct 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	35.7	29.8	44.8

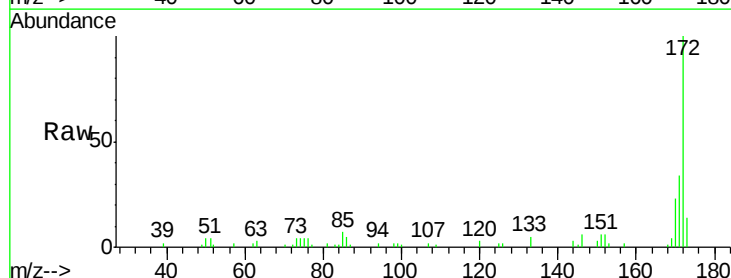


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

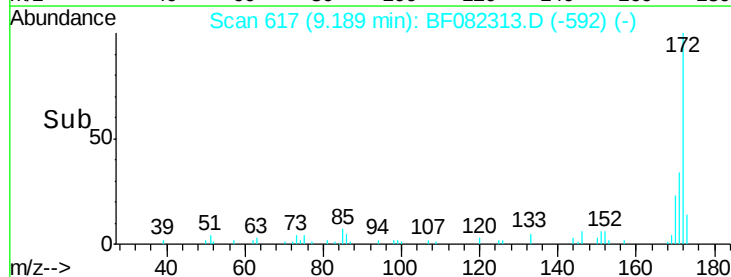
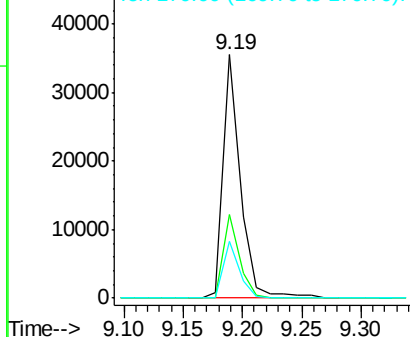


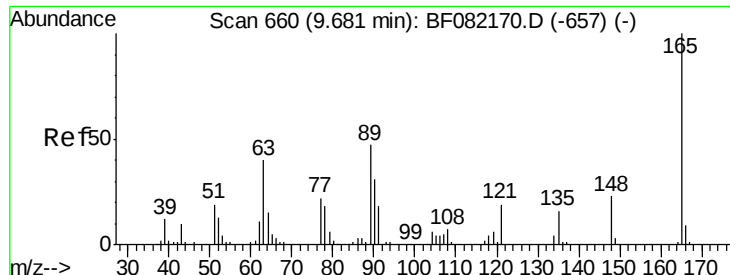
#44
 2-Fluorobiphenyl
 Concen: 3.55 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082313.D
 Acq: 15 Oct 2015 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	23.4	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

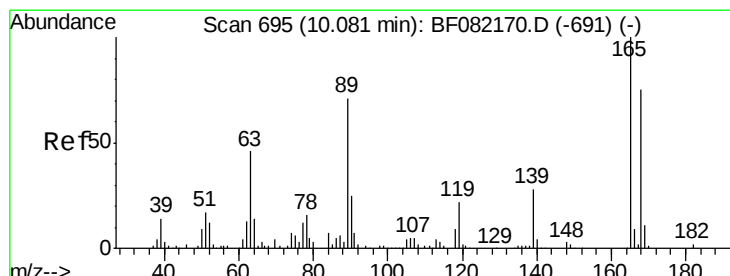
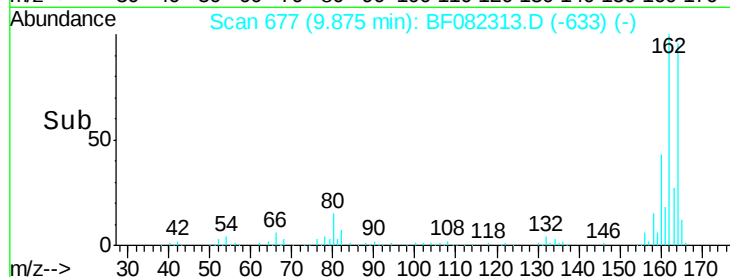
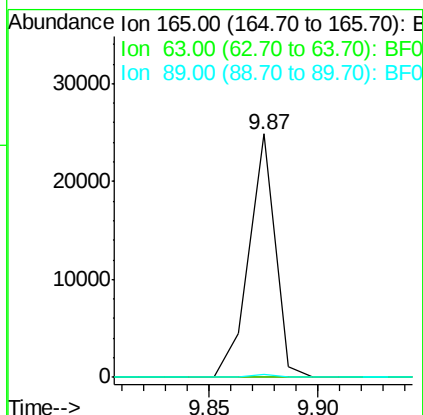
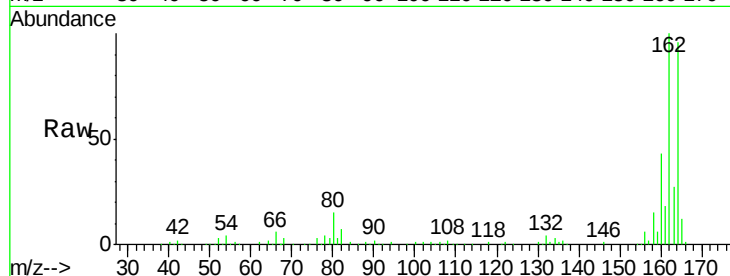




#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

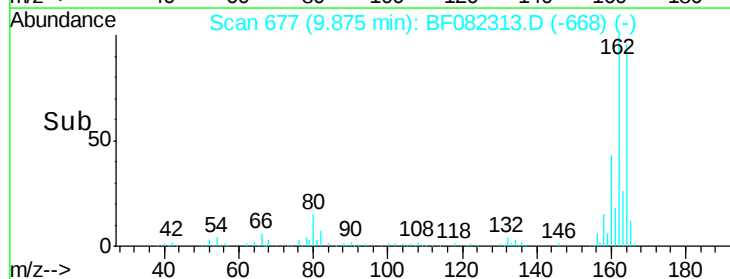
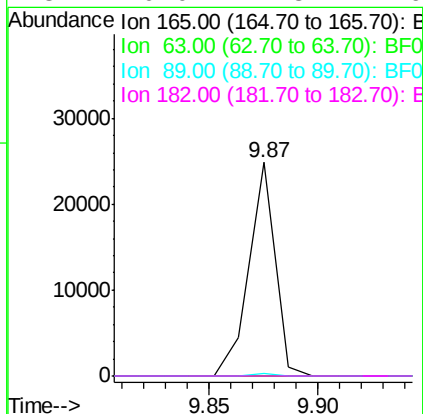
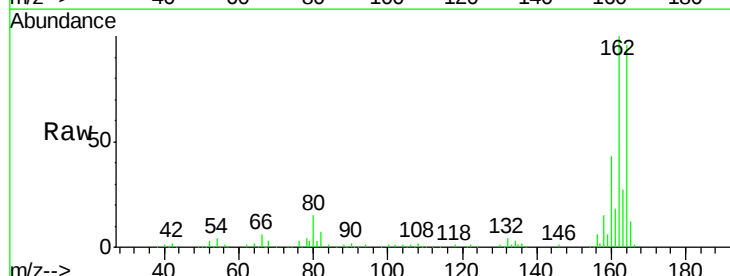
Instrument :
BNA_F
ClientSampleId :
CS-3

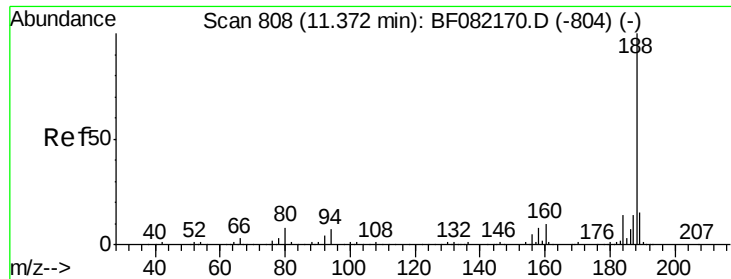
Tot Ion:165 Resp: 20852
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 1.4 37.8 56.6#



#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Tgt Ion:165 Resp: 20852
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 1.4 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: BF082313.D

Acq: 15 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

CS-3

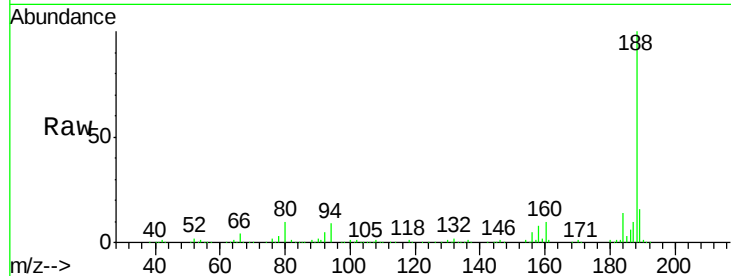
Tot Ion:188 Resp: 282004

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

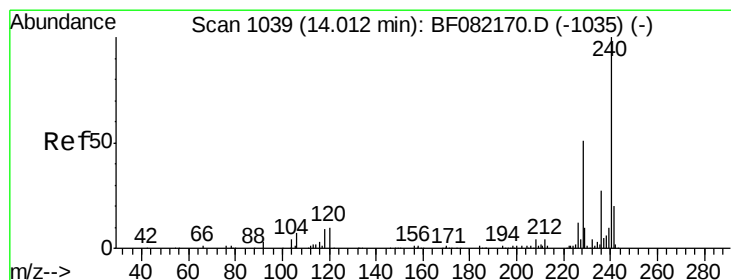
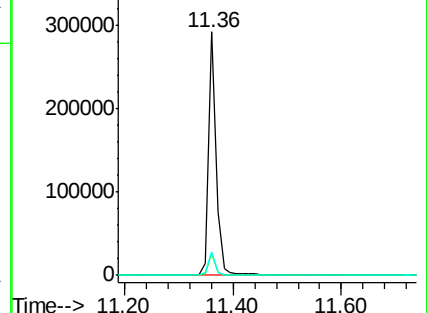
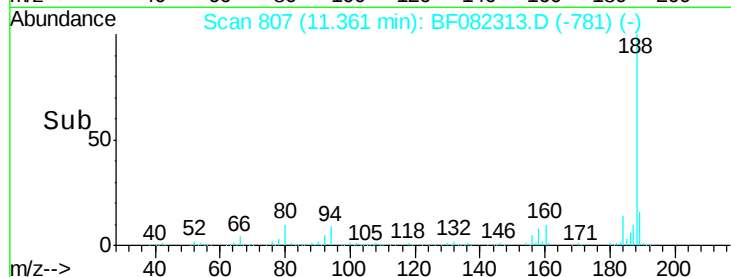
80 9.5 6.4 9.6



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

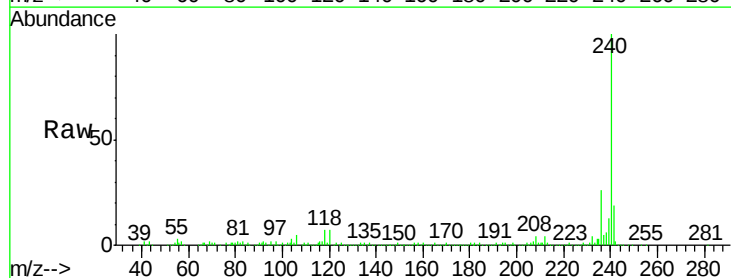
Tgt Ion:240 Resp: 210975

Ion Ratio Lower Upper

240 100

120 7.3 8.1 12.1#

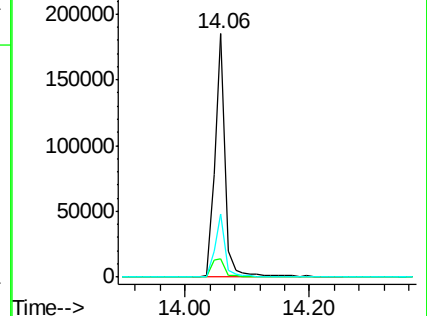
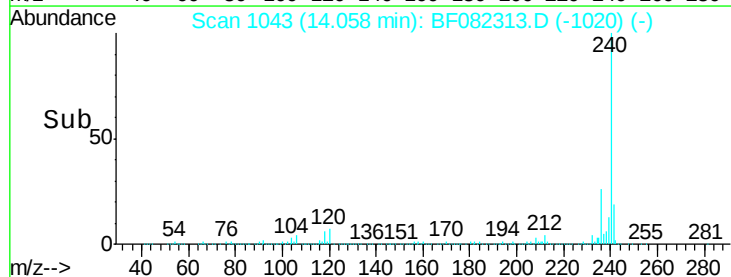
236 25.7 21.3 31.9

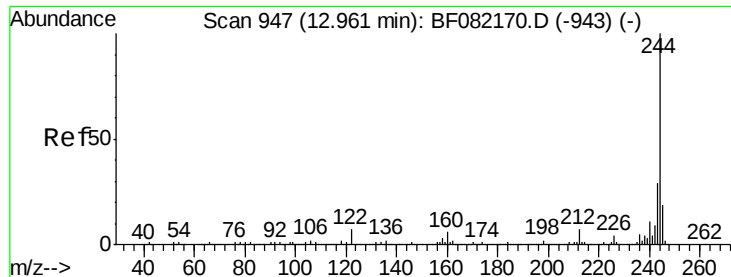


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.43 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Instrument :

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ClientSampleId :

CS-3

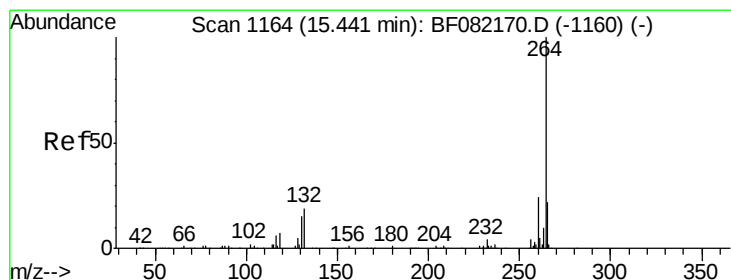
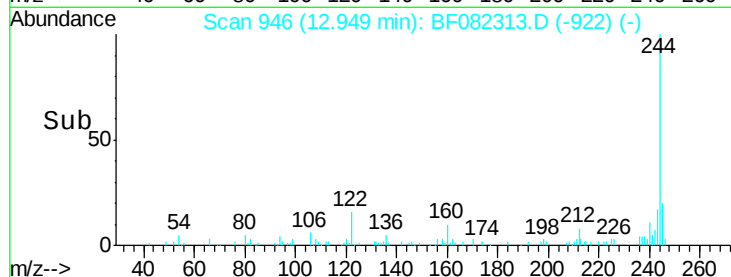
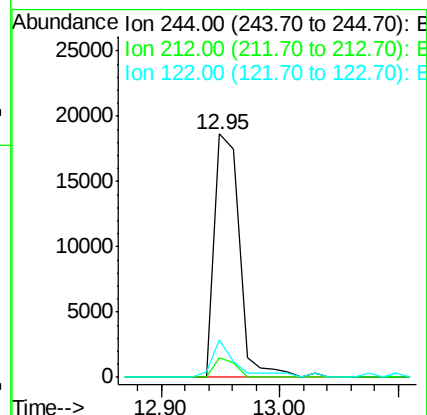
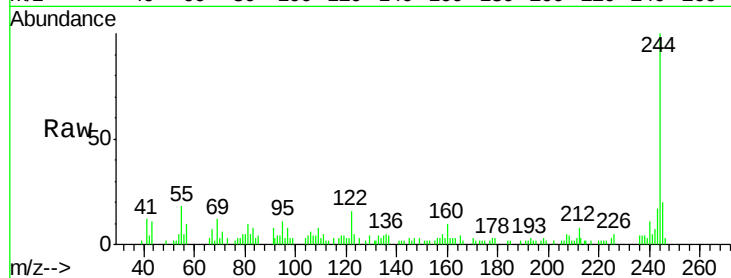
Tot Ion:244 Resp: 27277

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 15.5 5.9 8.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.59 min Scan# 1177

Delta R.T. -0.07 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Tgt Ion:264 Resp: 201840

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 17.3 25.9

