

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082297.D
 Acq On : 15 Oct 2015 9:09
 Operator : UM/IZ
 Sample : G4016-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-4

Quant Time: Oct 16 01:06:01 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

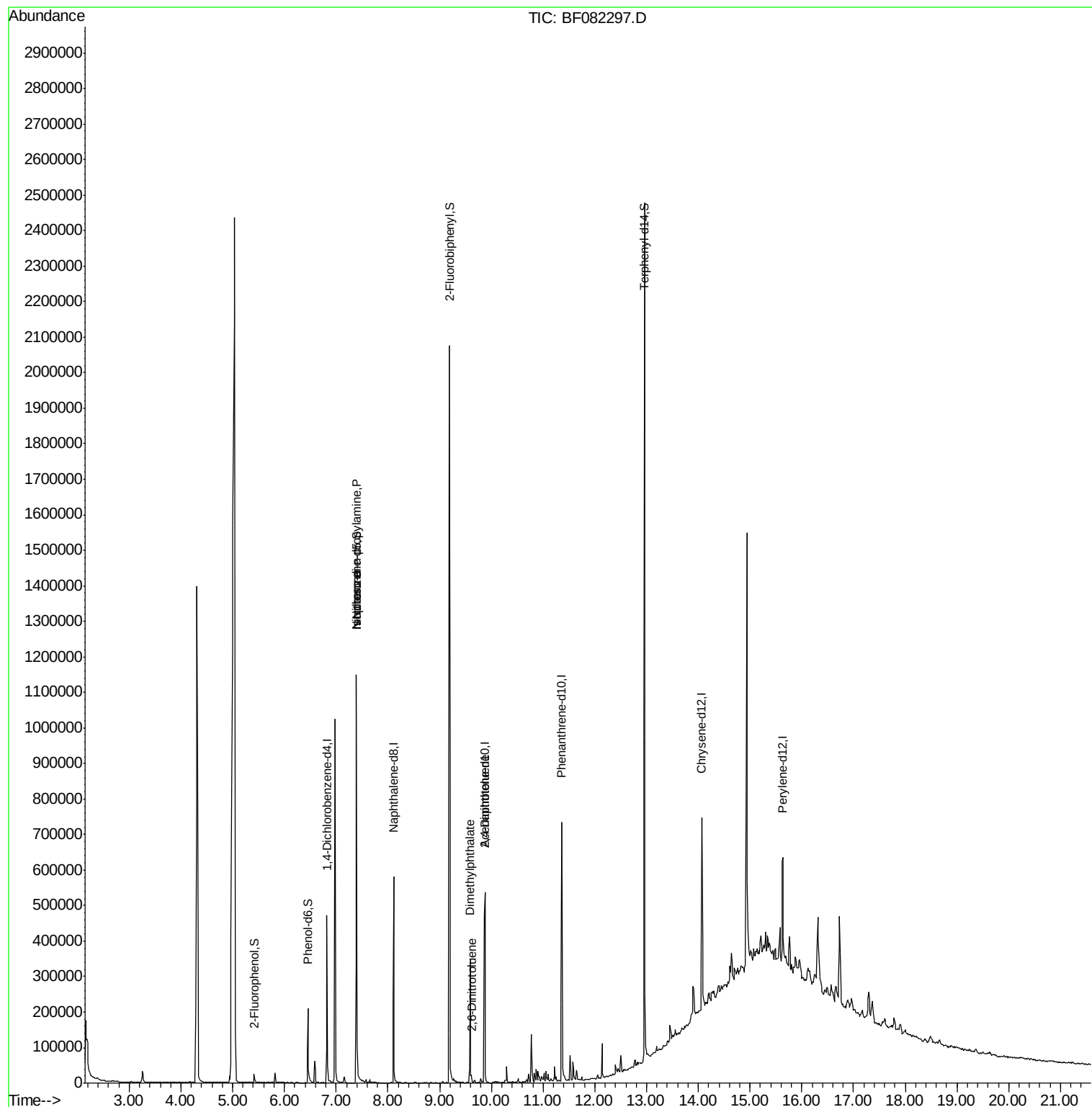
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80531	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	320493	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	159033	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	321319	20.00	ng	0.00
75) Chrysene-d12	14.07	240	238717	20.00	ng	-0.02
86) Perylene-d12	15.64	264	192112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	9486	2.38	ng	0.00
7) Phenol-d6	6.46	99	103712	19.97	ng	-0.01
23) Nitrobenzene-d5	7.39	82	418153	87.62	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	793538	82.75	ng	-0.01
78) Terphenyl-d14	12.96	244	863525	95.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	54631	14.98	ng	# 78
25) Isophorone	7.39	82	325745	33.82	ng	# 66
49) Dimethylphthalate	9.59	163	142401	12.72	ng	# 98
50) 2,6-Dinitrotoluene	9.62	165	5137	2.17	ng	# 30
55) 4-Nitrophenol	10.08	139	435	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.87	165	20500	6.94	ng	# 21

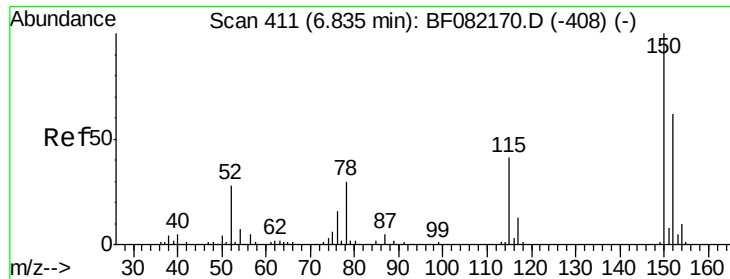
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082297.D

Acq: 15 Oct 2015 9:09

Instrument :

BNA_F

ClientSampleId :

CS-4

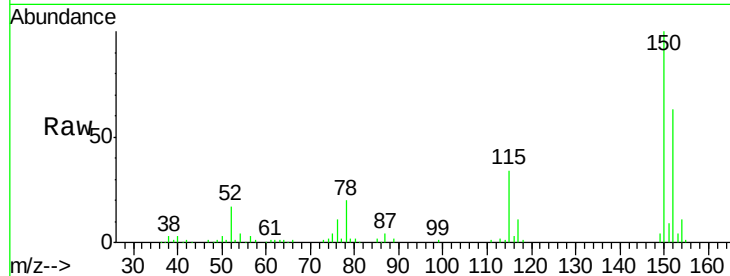
Tot Ion:152 Resp: 80531

Ion Ratio Lower Upper

152 100

150 157.6 129.0 193.4

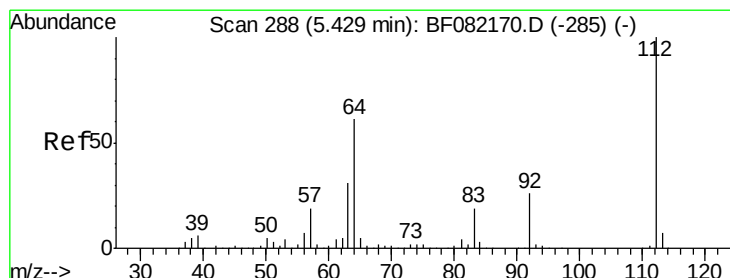
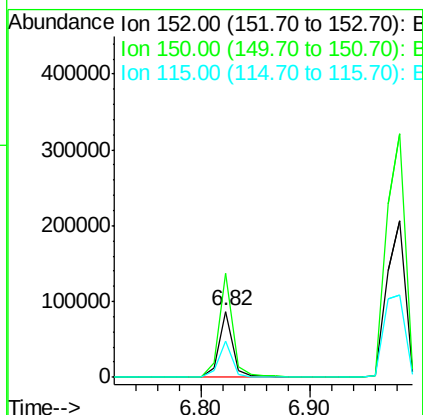
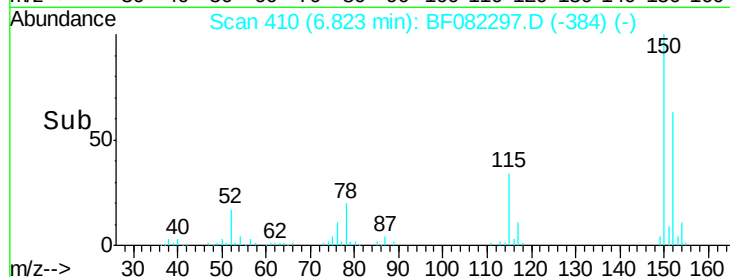
115 54.2 52.1 78.1



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: 2.38 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082297.D

Acq: 15 Oct 2015 9:09

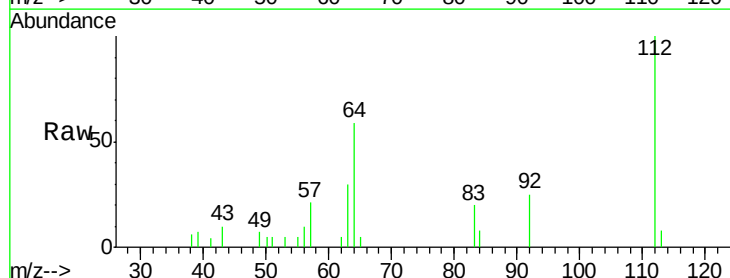
Tgt Ion:112 Resp: 9486

Ion Ratio Lower Upper

112 100

64 59.2 48.6 73.0

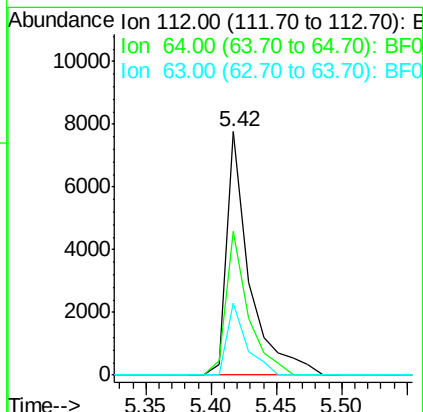
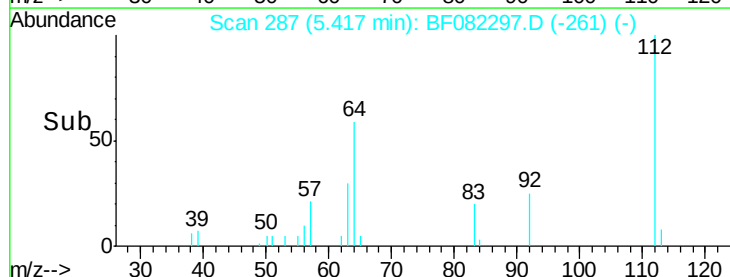
63 29.5 25.1 37.7

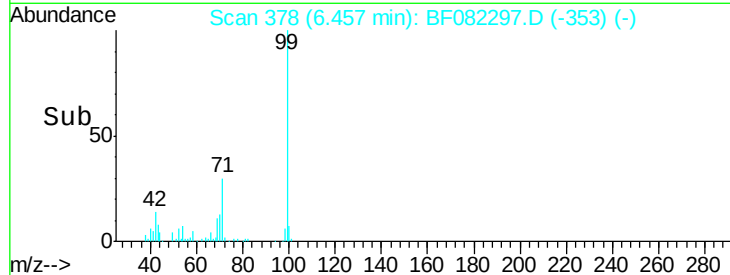
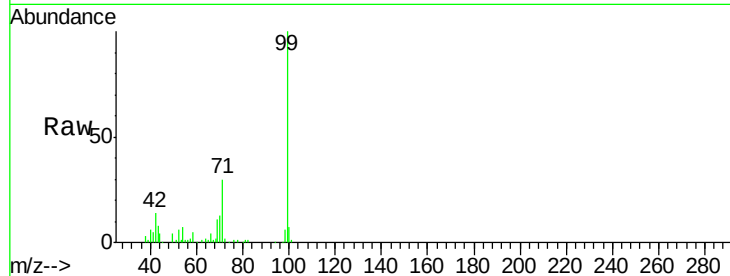
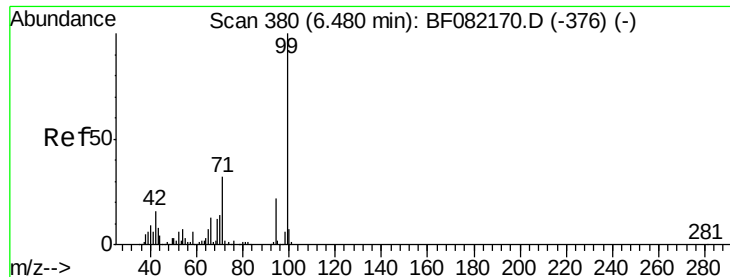


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.97 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082297.D

Acq: 15 Oct 2015 9:09

Instrument :

BNA_F

ClientSampleId :

CS-4

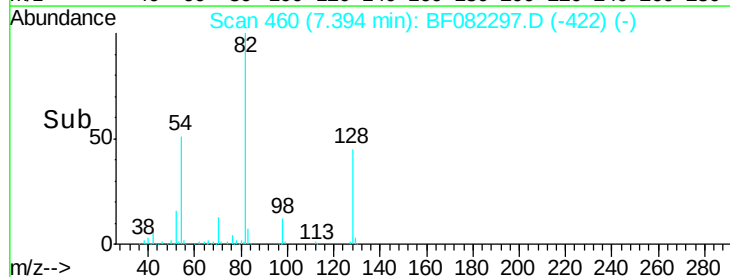
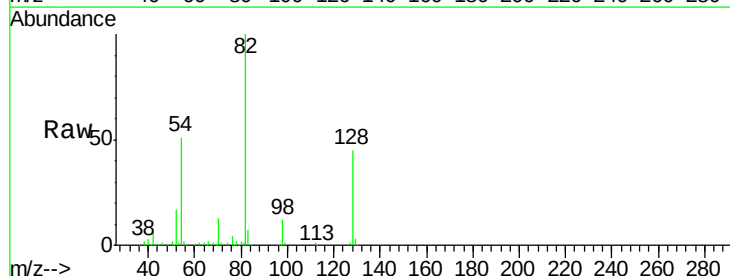
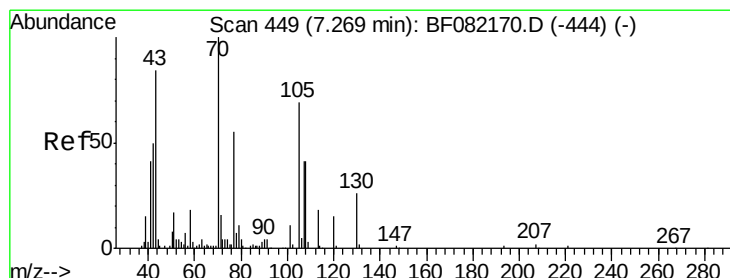
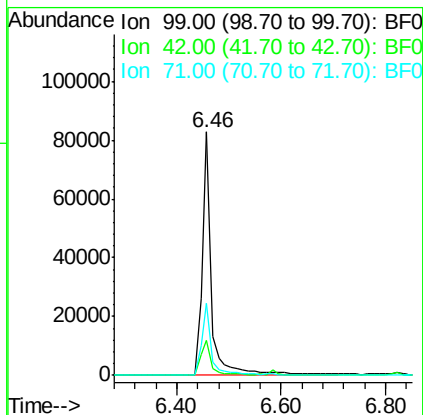
Tot Ion: 99 Resp: 103712

Ion Ratio Lower Upper

99 100

42 14.3 13.2 19.8

71 29.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.98 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF082297.D

Acq: 15 Oct 2015 9:09

Tgt Ion: 70 Resp: 54631

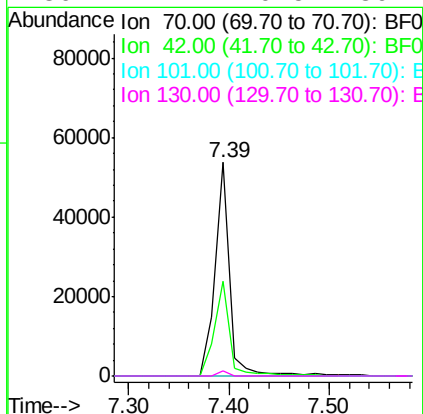
Ion Ratio Lower Upper

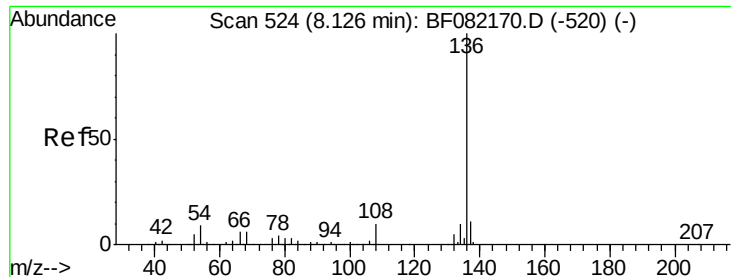
70 100

42 44.5 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#

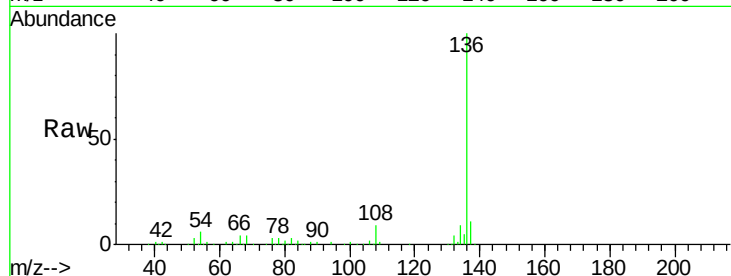




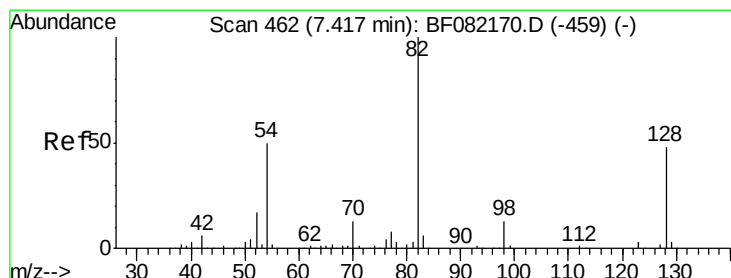
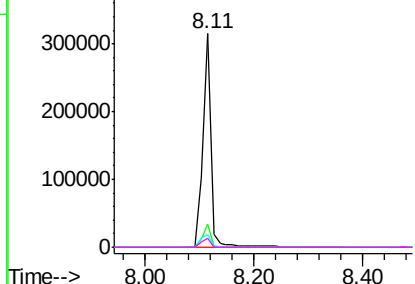
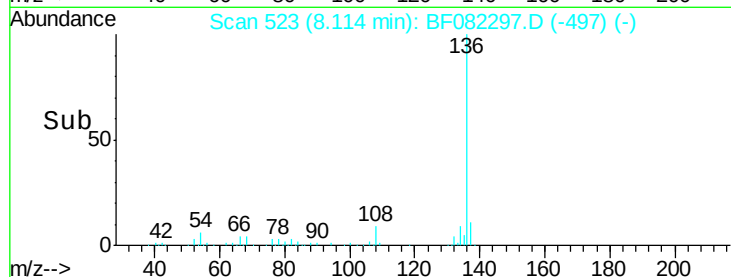
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

Instrument :
BNA_F
ClientSampled :
CS-4

Tot Ion:136	Resp:	320493
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	6.1	7.5 11.3#
68	4.1	4.6 7.0#

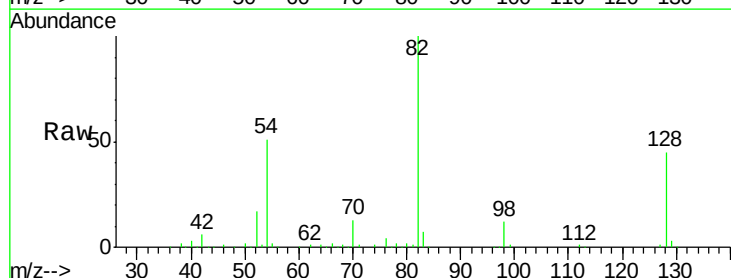


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

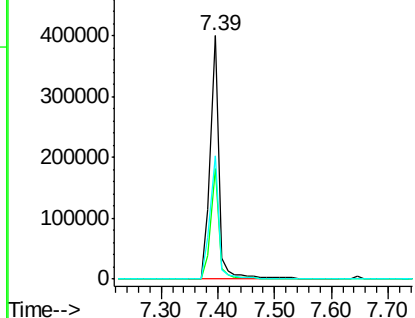
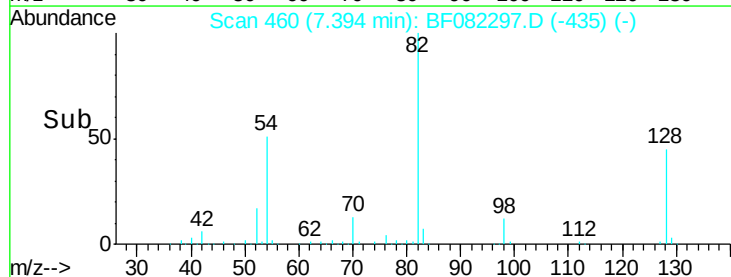


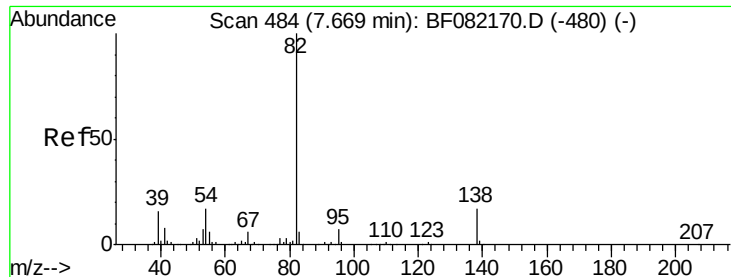
#23
Nitrobenzene-d5
Concen: 87.62 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

Tgt Ion: 82	Resp:	418153
Ion Ratio	Lower	Upper
82	100	
128	45.3	38.7 58.1
54	50.7	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: 33.82 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082297.D

Acq: 15 Oct 2015 9:09

Instrument :

BNA_F

ClientSampleId :

CS-4

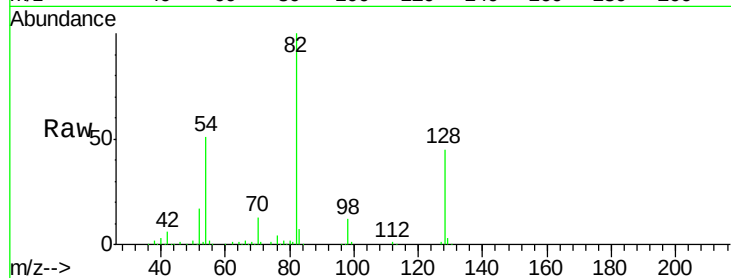
Tot Ion: 82 Resp: 325745

Ion Ratio Lower Upper

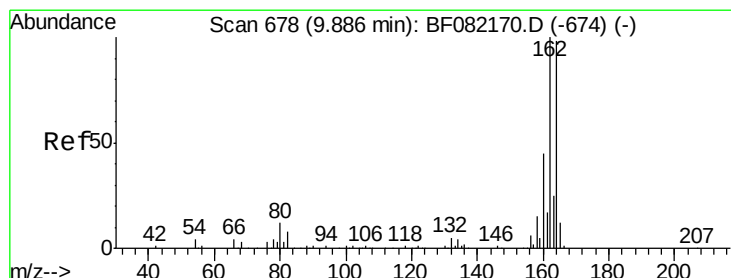
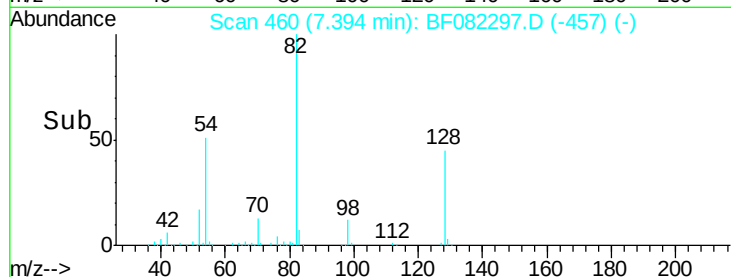
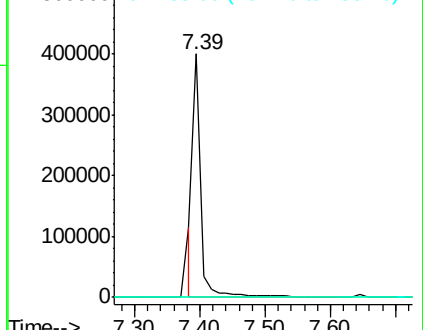
82 100

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: BF082297.D

Acq: 15 Oct 2015 9:09

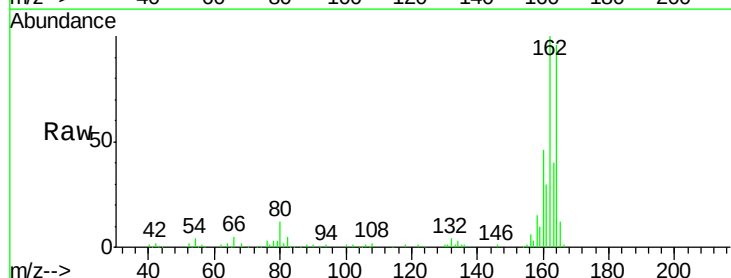
Tgt Ion:164 Resp: 159033

Ion Ratio Lower Upper

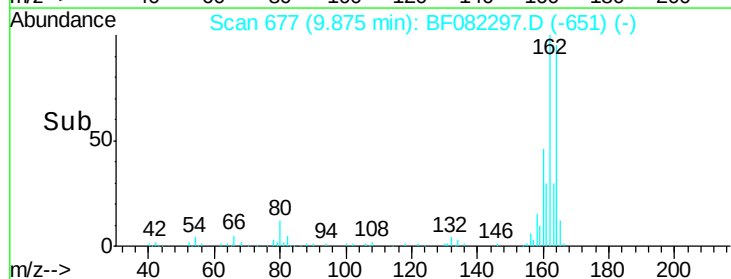
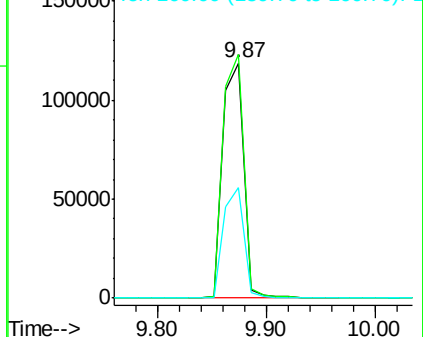
164 100

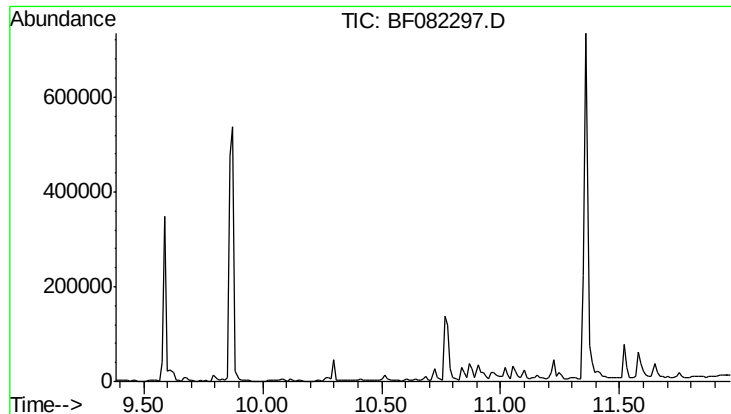
162 103.7 81.6 122.4

160 47.3 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

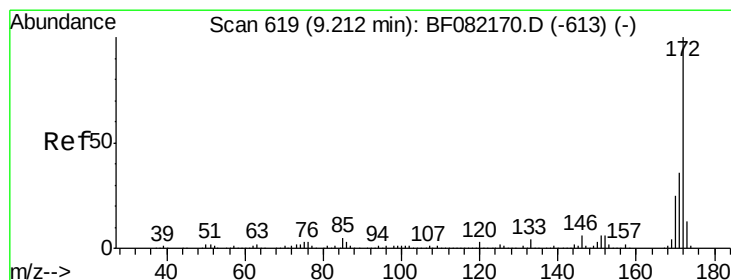
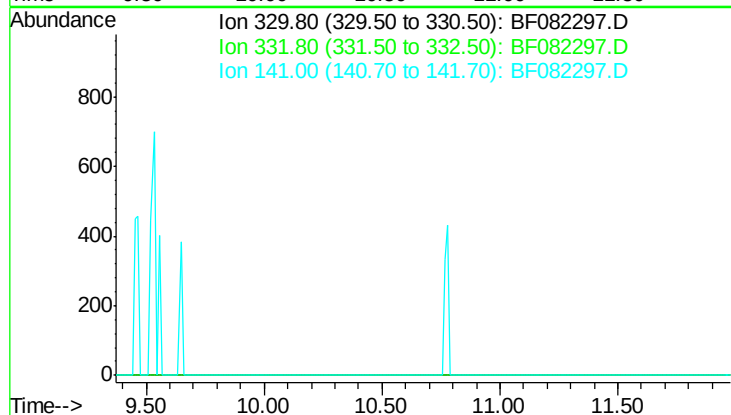




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 9:09

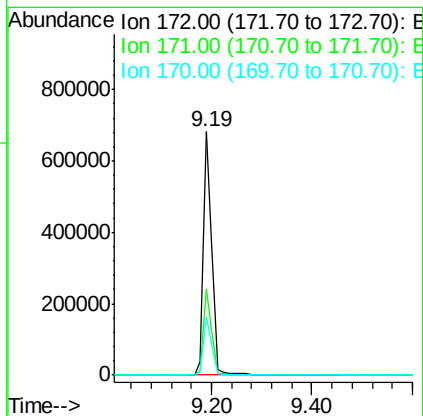
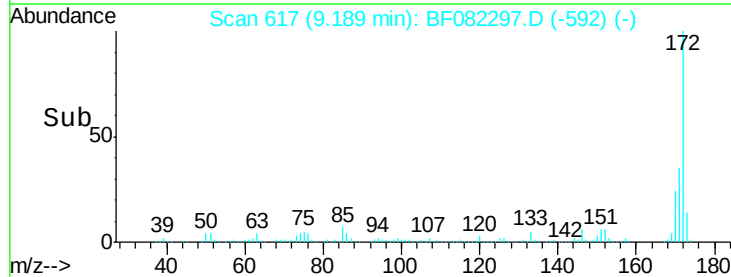
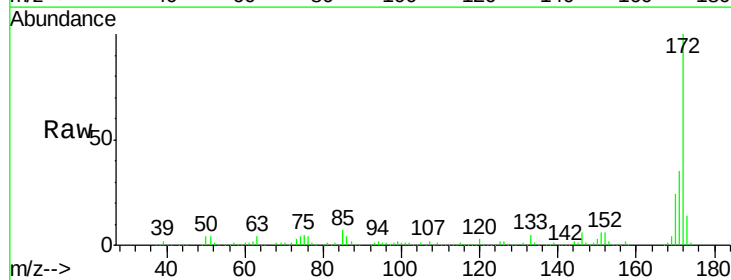
Instrument :
 BNA_F
 ClientSampleId :
 CS-4

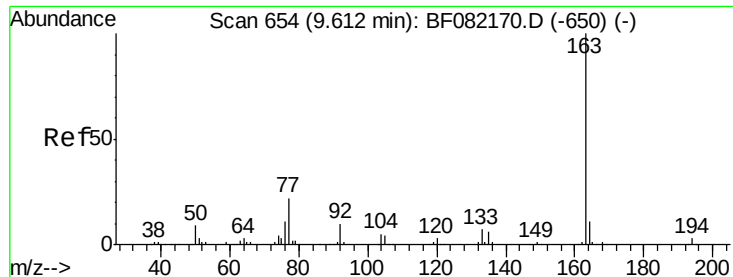
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 37.3



#44
 2-Fluorobiphenyl
 Concen: 82.75 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 9:09

Tgt Ion: 172 Resp: 793538
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.8 19.7 29.5

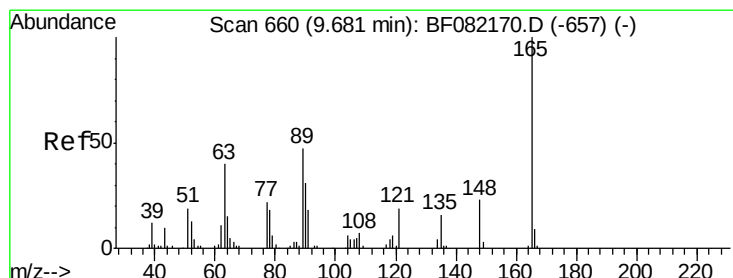
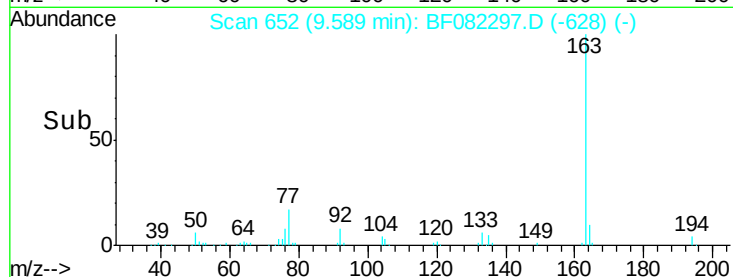
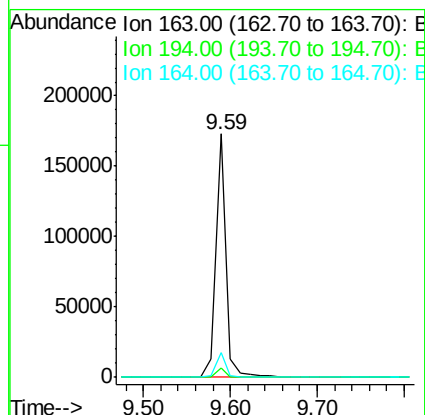
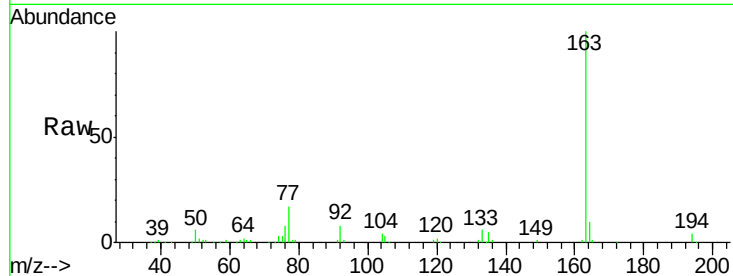




#49
Dimethylphthalate
Concen: 12.72 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

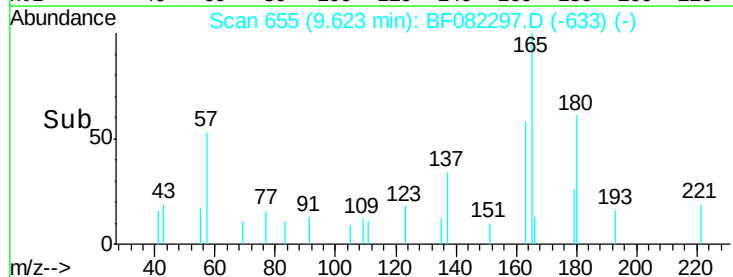
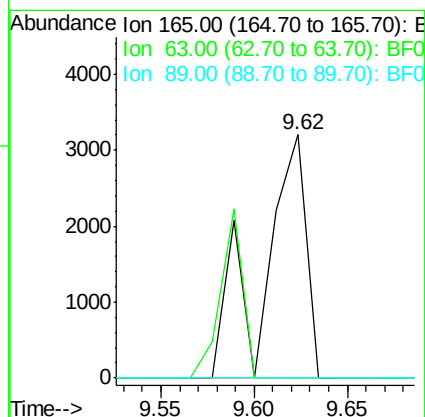
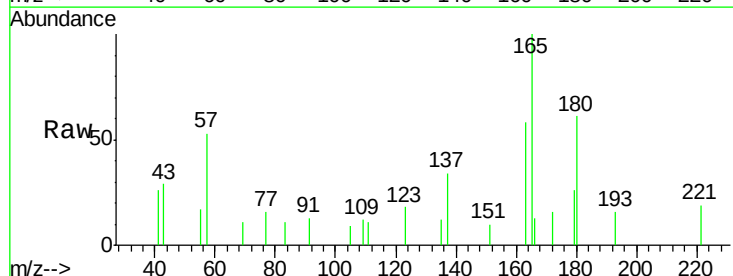
Instrument :
BNA_F
ClientSampleId :
CS-4

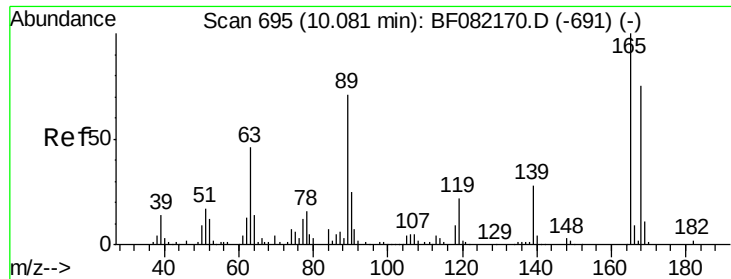
Tot Ion:163 Resp: 142401
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 2.17 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

Tgt Ion:165 Resp: 5137
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 0.0 37.8 56.6#

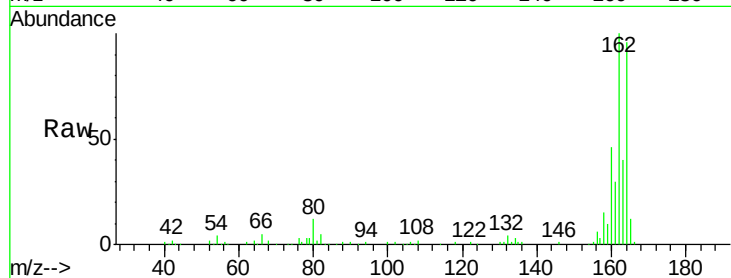




#56
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
CS-4

Tot 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#

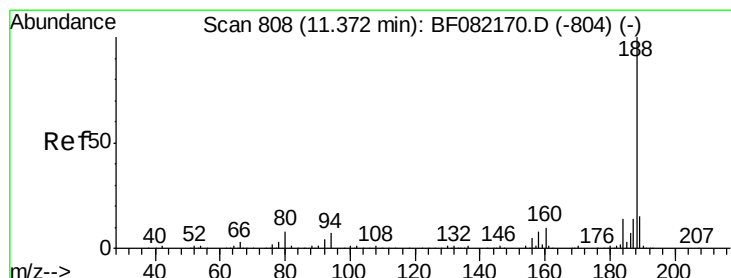
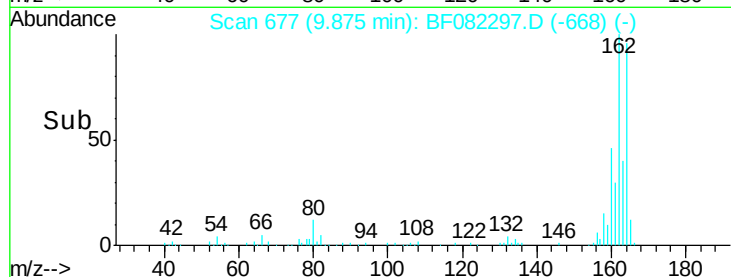
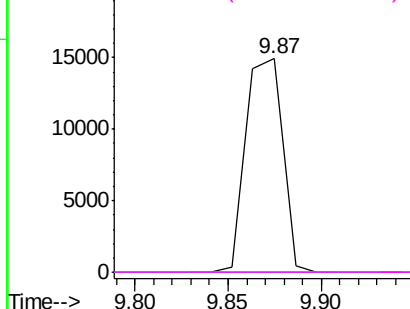


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



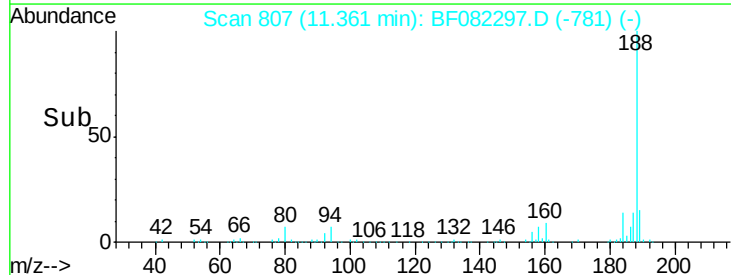
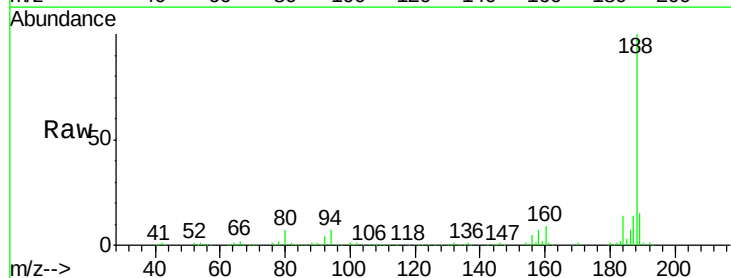
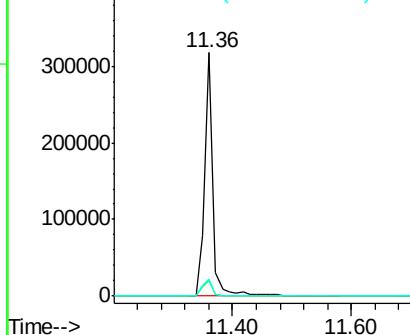
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

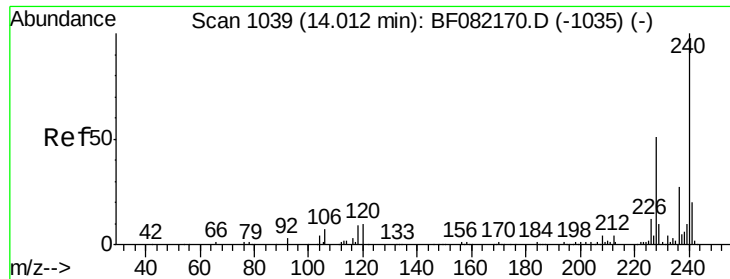
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.6
80	7.1	6.4	9.6

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

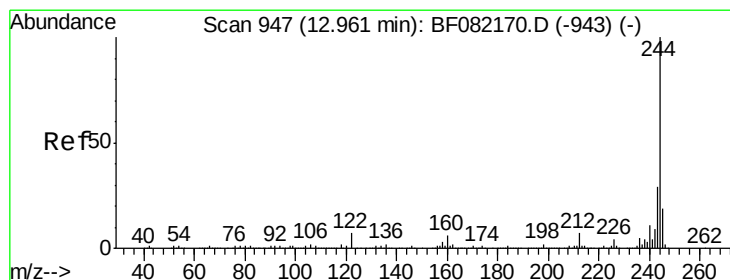
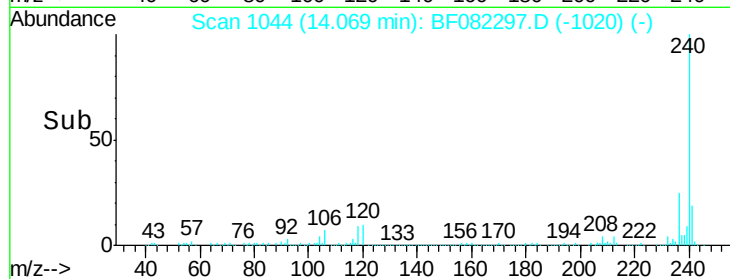
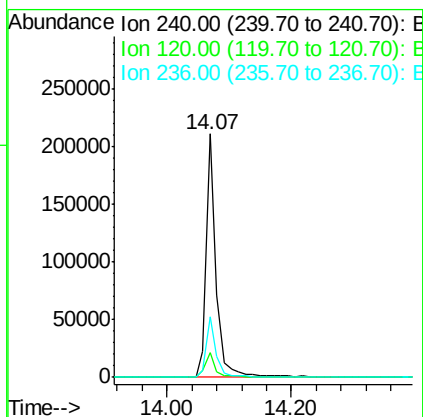
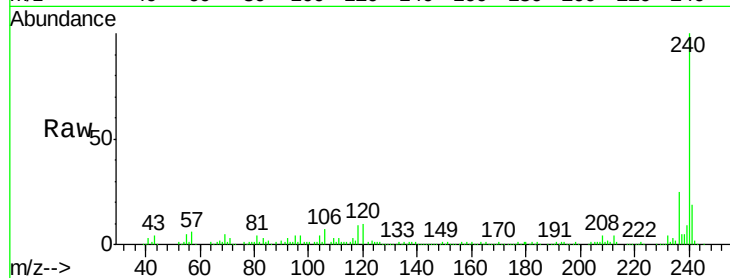




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 9:09

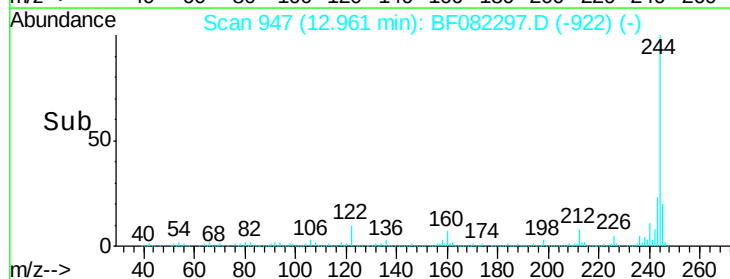
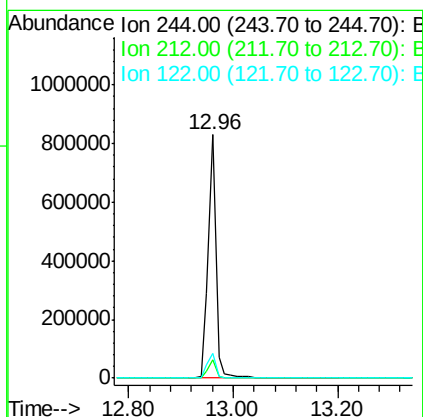
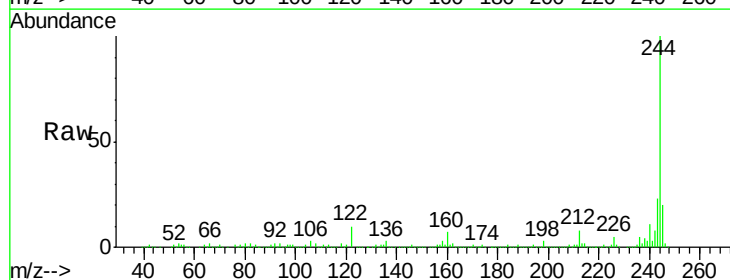
Instrument :
 BNA_F
 ClientSampled :
 CS-4

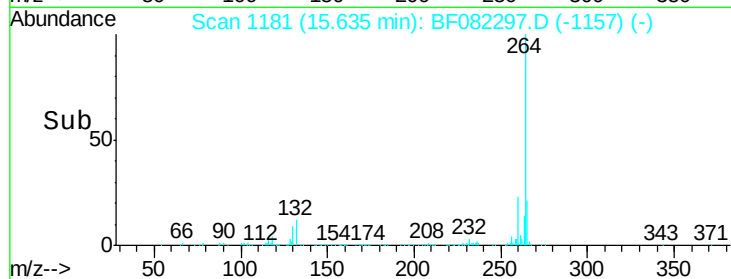
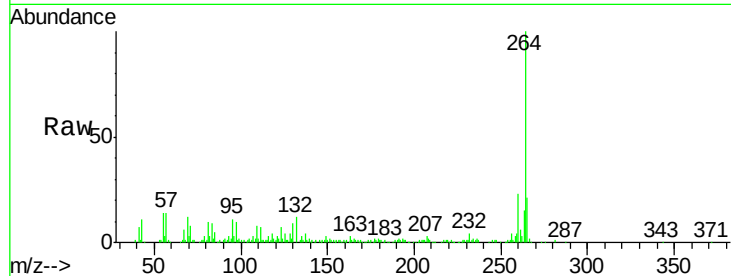
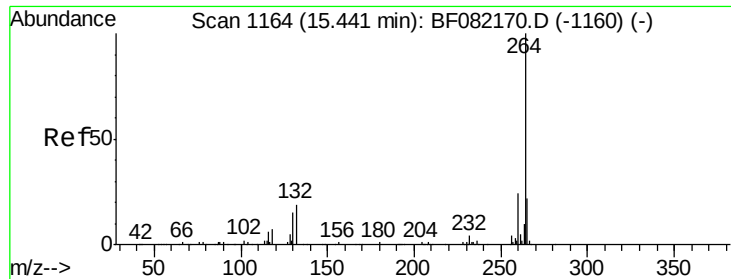
Tot Ion:240 Resp: 238717
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 24.8 21.3 31.9



#78
 Terphenyl-d14
 Concen: 95.86 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 9:09

Tgt Ion:244 Resp: 863525
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 9.9 5.9 8.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
CS-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	20.5	17.3	25.9

