

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 01:18:41 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

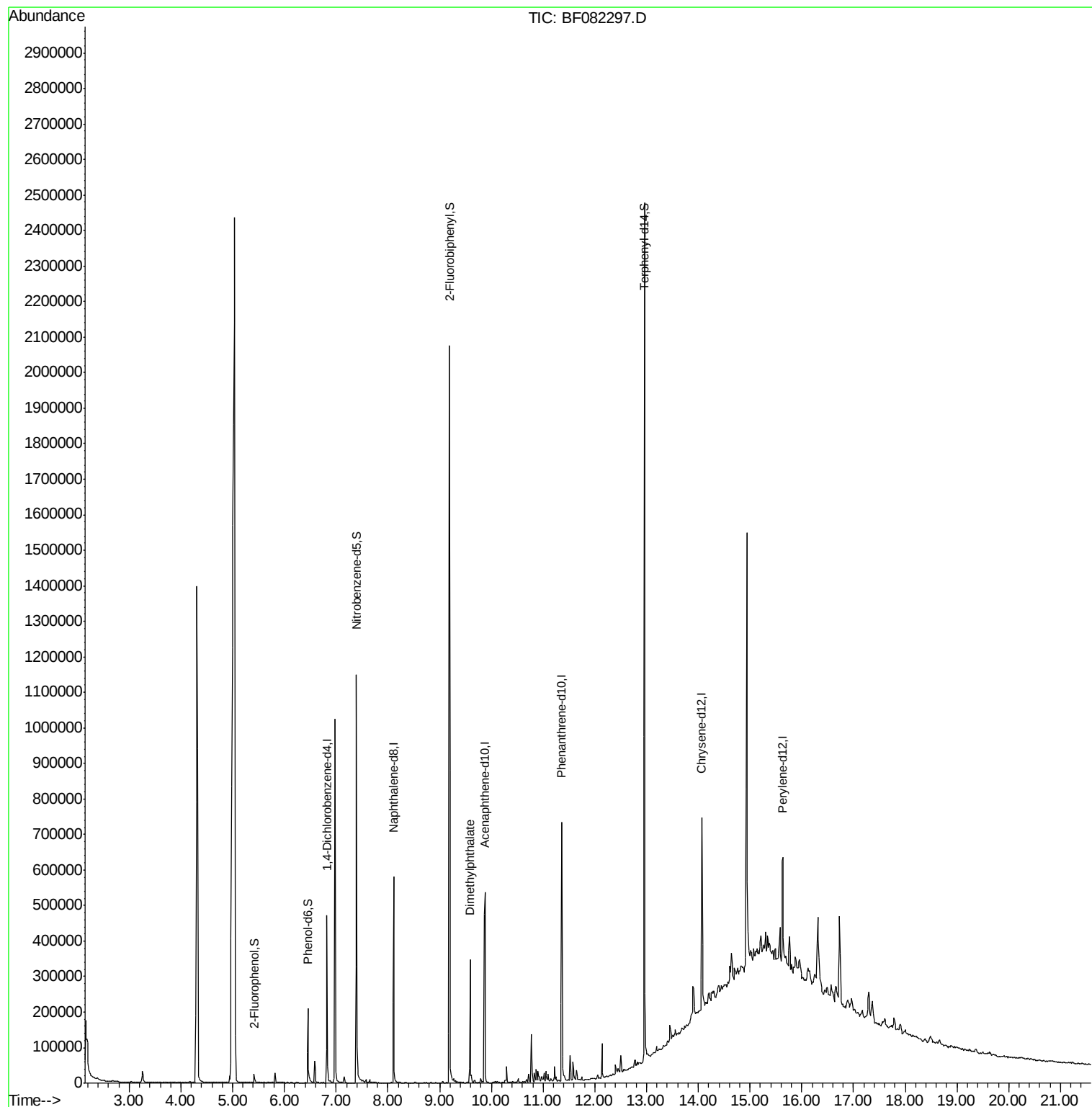
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80531	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	320493	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	159033	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	321319	20.00	ng	0.00
75) Chrysene-d12	14.07	240	238717	20.00	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						
49) Dimethylphthalate	9.59	163	142401	12.72	ng	Qvalue 98

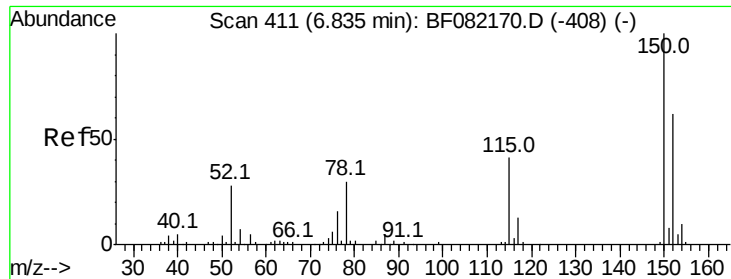
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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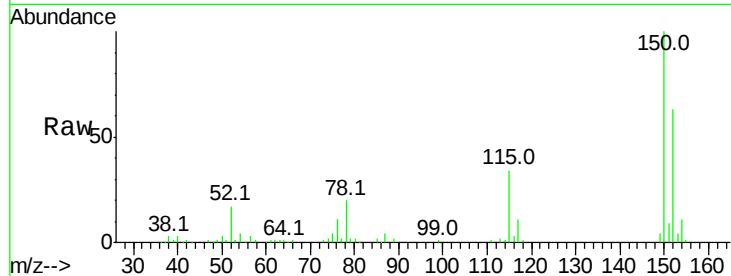


#1

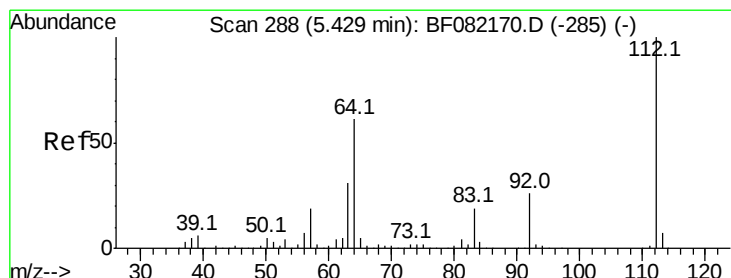
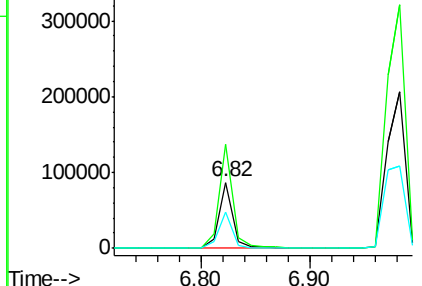
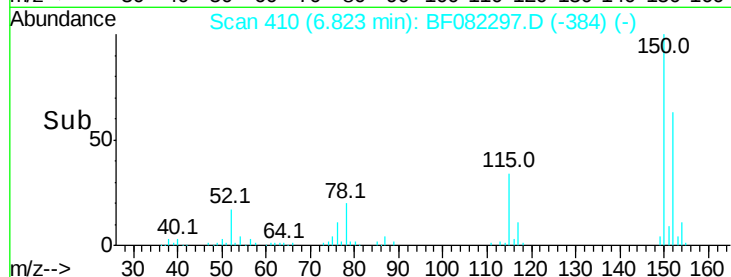
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

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



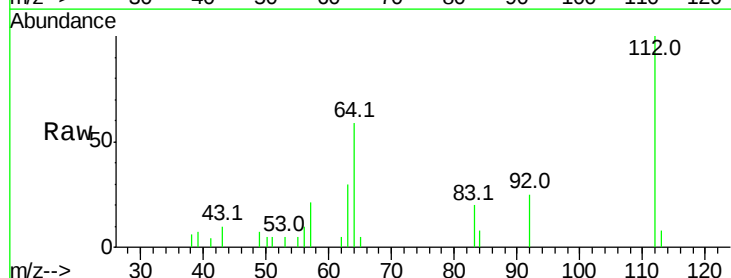
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



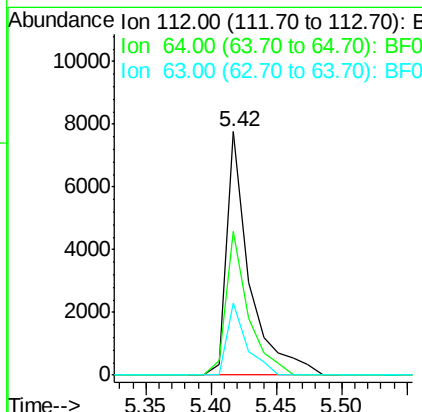
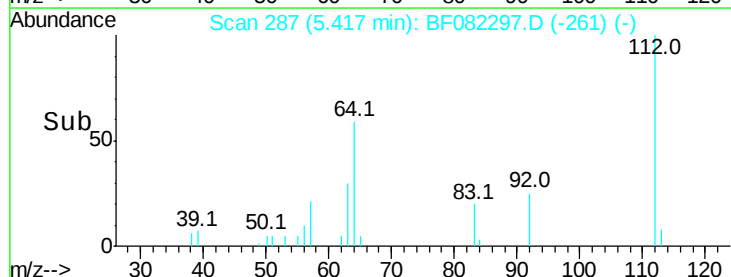
#5

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

ClientSampled :

CS-4

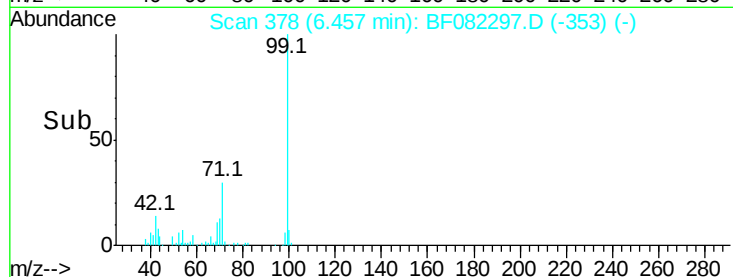
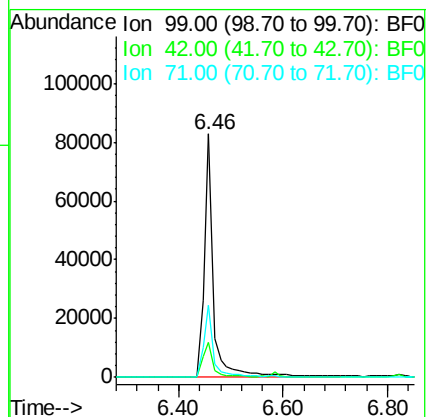
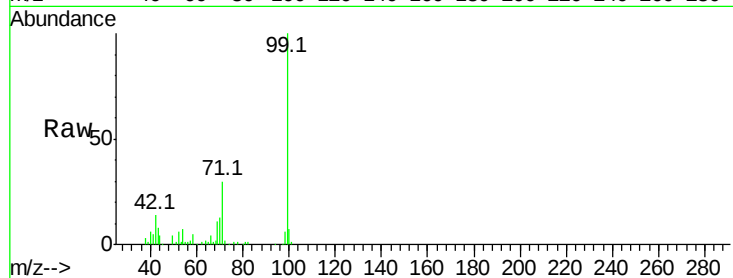
Tot Ion: 99 Resp: 103712

Ion Ratio Lower Upper

99 100

42 14.3 13.2 19.8

71 29.6 25.6 38.4



#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

Tgt Ion: 136 Resp: 320493

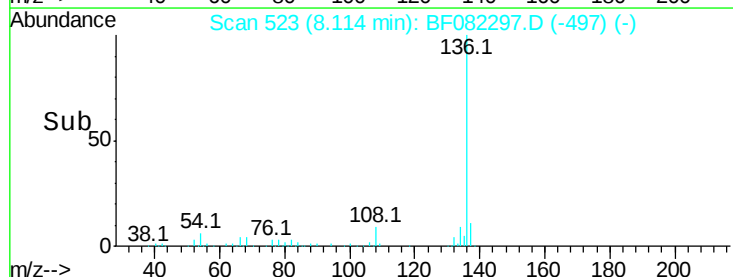
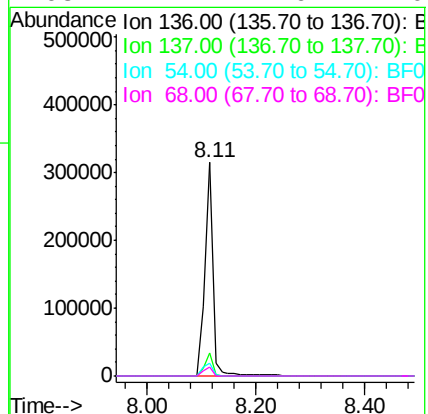
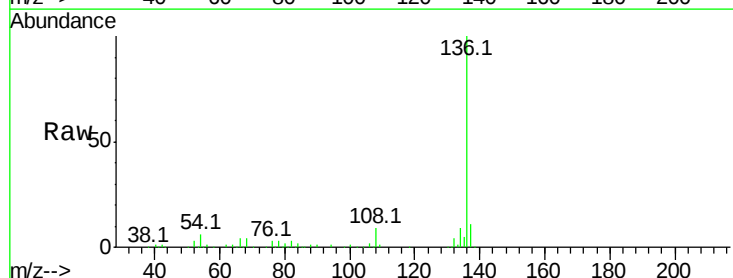
Ion Ratio Lower Upper

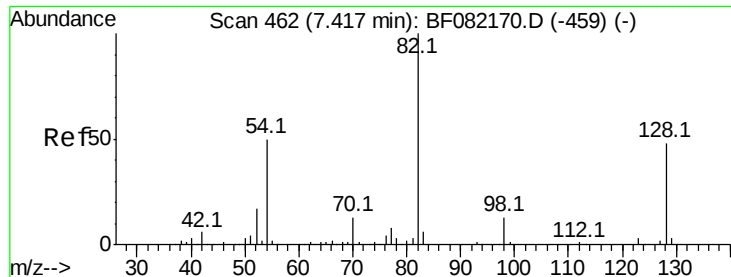
136 100

137 10.6 9.0 13.6

54 6.1 7.5 11.3#

68 4.1 4.6 7.0#

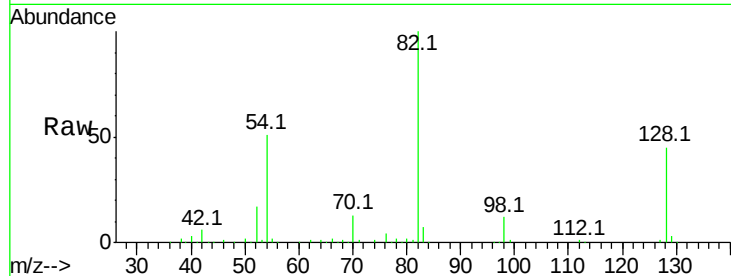




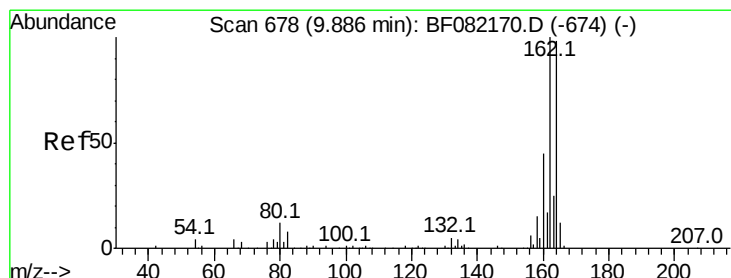
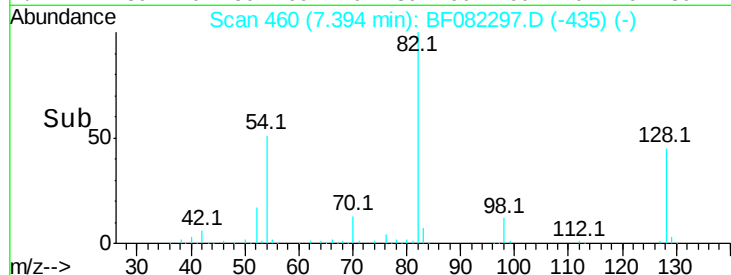
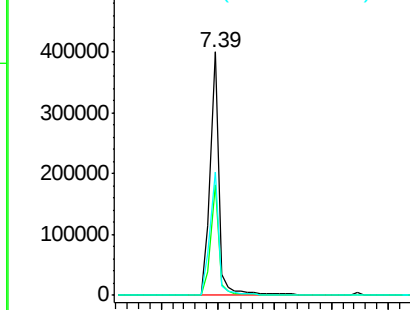
#23
 Nitrobenzene-d5
 Concen: 87.62 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 CS-4

Tot Ion: 82 Resp: 418153
 Ion Ratio Lower Upper
 82 100
 128 45.3 38.7 58.1
 54 50.7 40.1 60.1

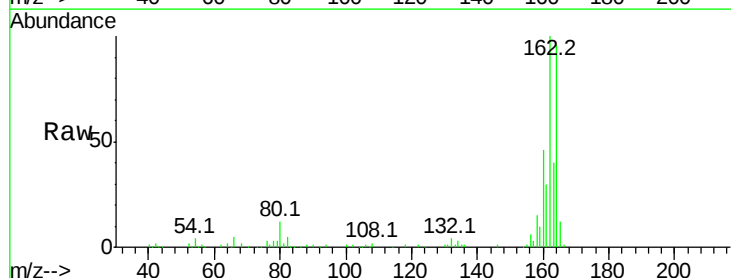


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

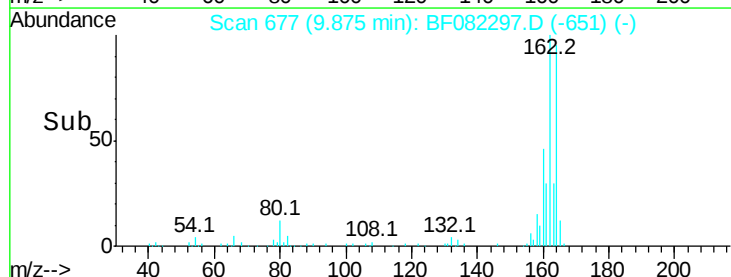
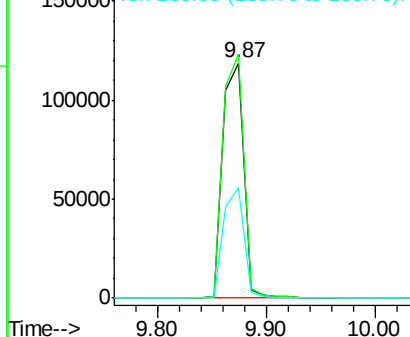


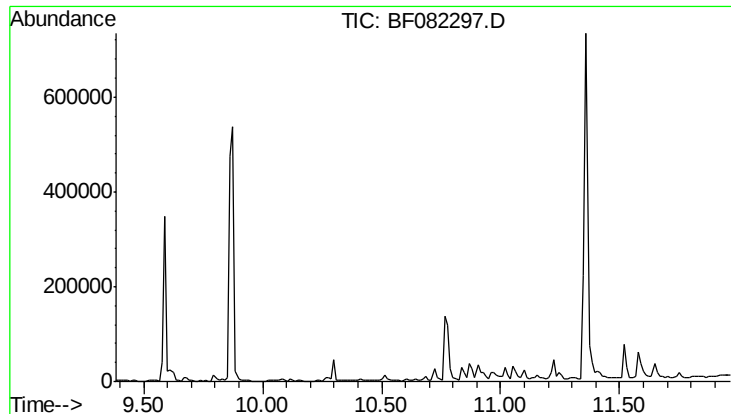
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 9:09

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

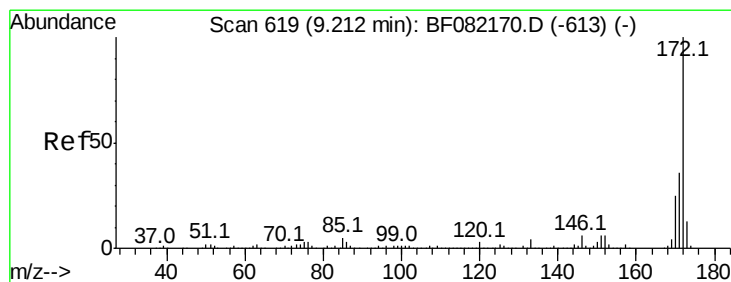
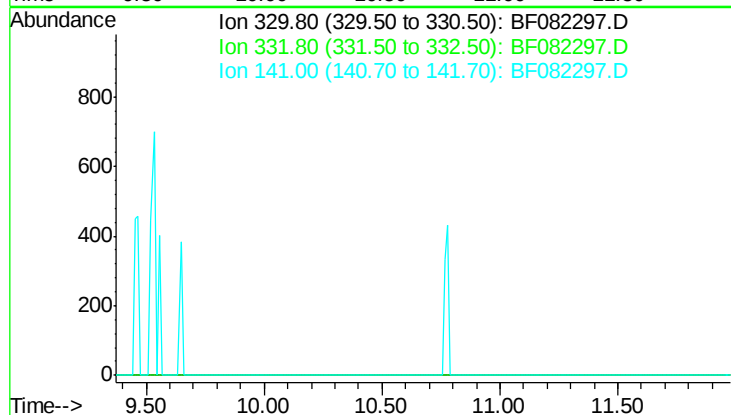
Tot Ion: 330

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

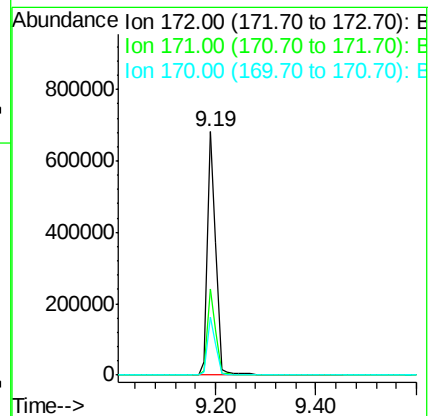
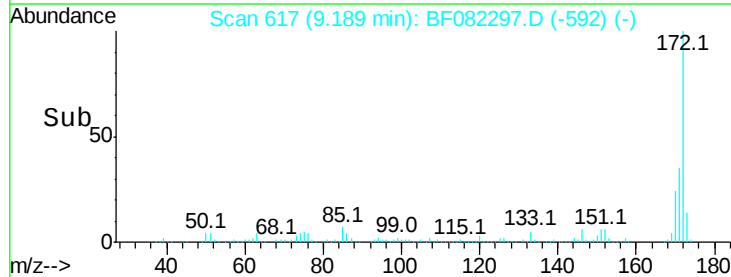
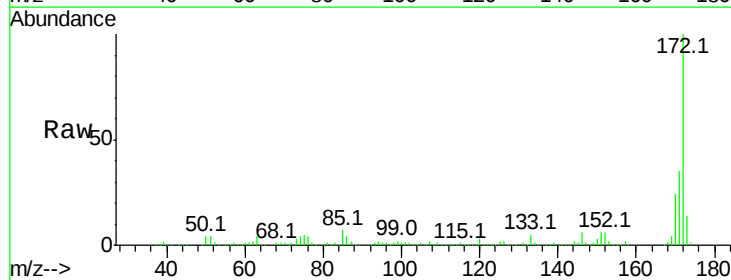
Tgt Ion:172 Resp: 793538

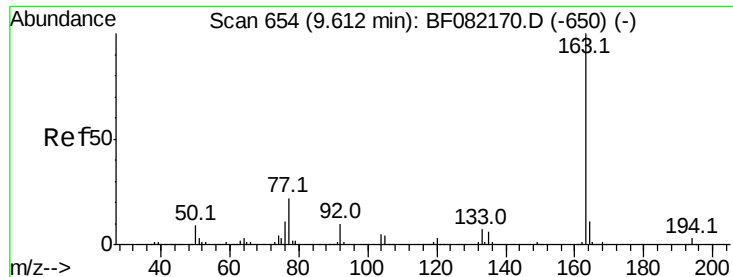
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.8 19.7 29.5

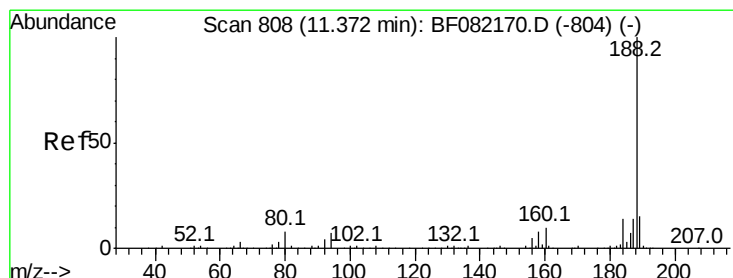
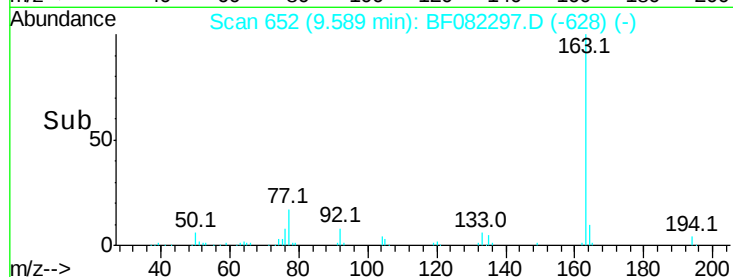
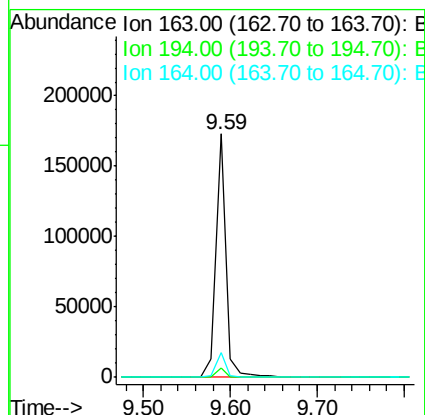
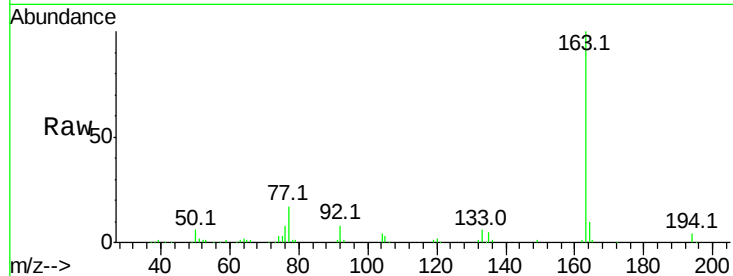




#49
Dimethylphthalate
Concen: 12.72 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082297.D
Acq: 15 Oct 2015 9:09

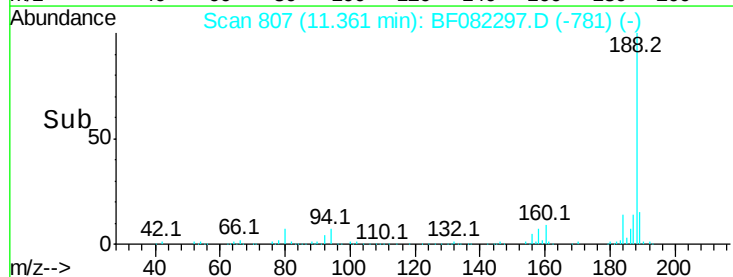
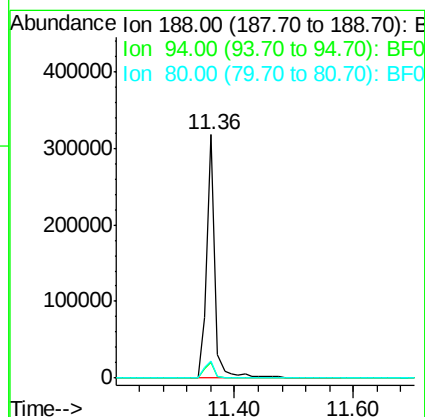
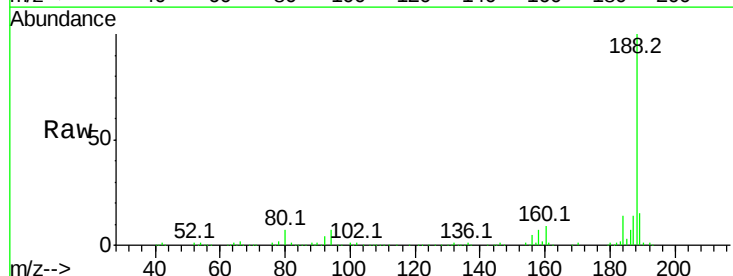
Instrument :
BNA_F
ClientSampleId :
CS-4

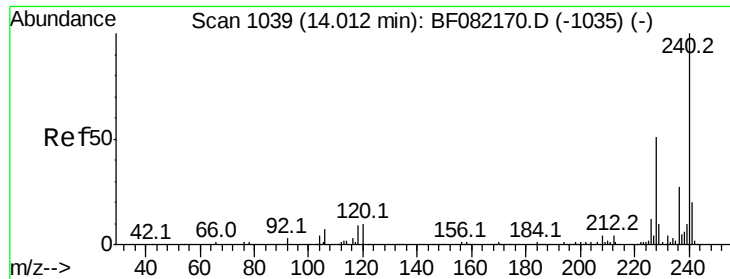
Tot Ion:163 Resp: 142401
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.5 12.7



#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:188 Resp: 321319
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.6
80 7.1 6.4 9.6





#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

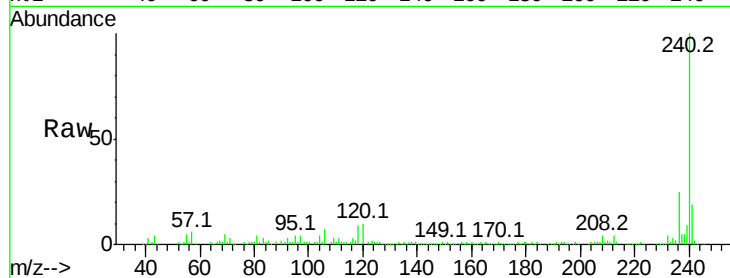
Tot Ion:240 Resp: 238717

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

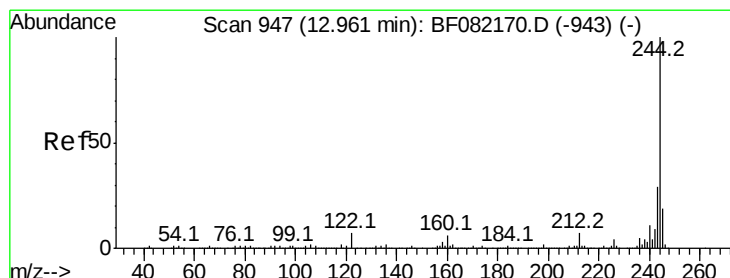
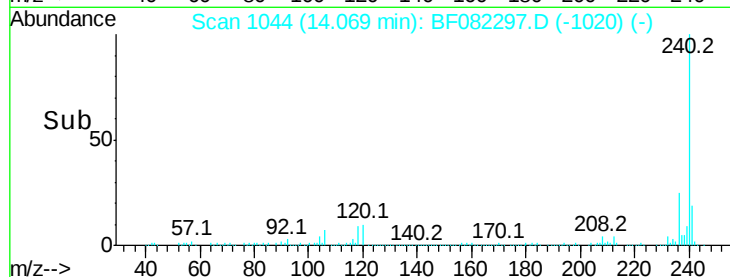
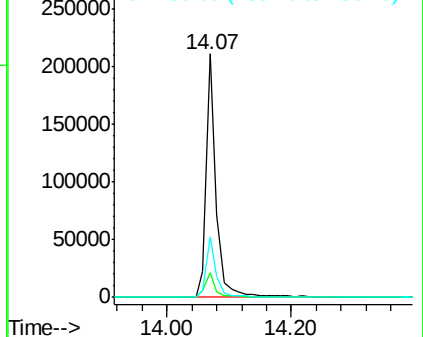
236 24.8 21.3 31.9



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: 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

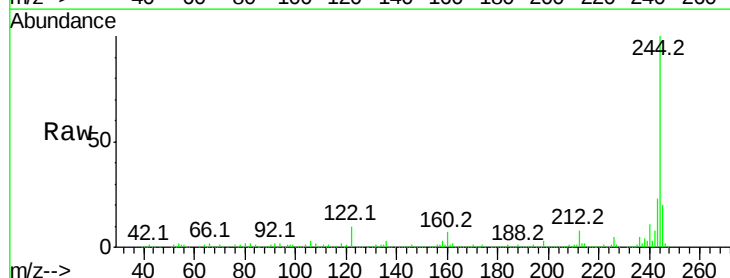
Tgt Ion:244 Resp: 863525

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

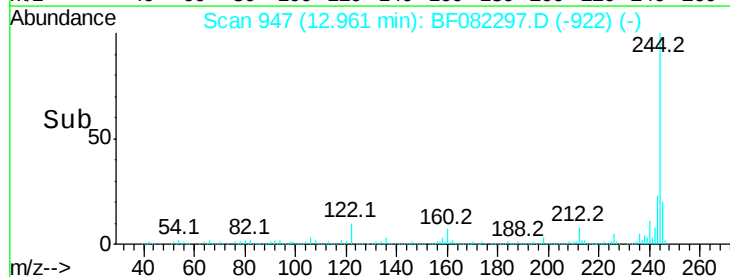
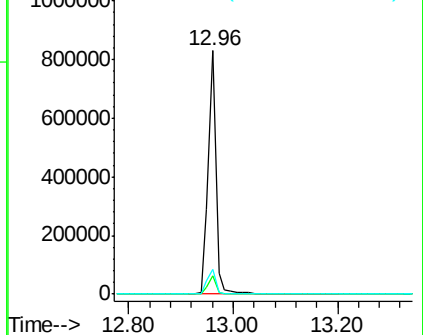
122 9.9 5.9 8.9#

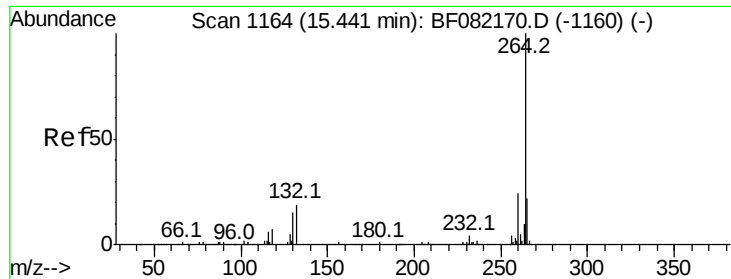


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.64 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:264 Resp: 192112
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.5 17.3 25.9

