

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082297.D
 Acq On : 15 Oct 2015 3:50
 Operator : UM/IZ
 Sample : G4016-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-4

Quant Time: Oct 15 04:20:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 04:19:20 2015
 Response via : Initial Calibration

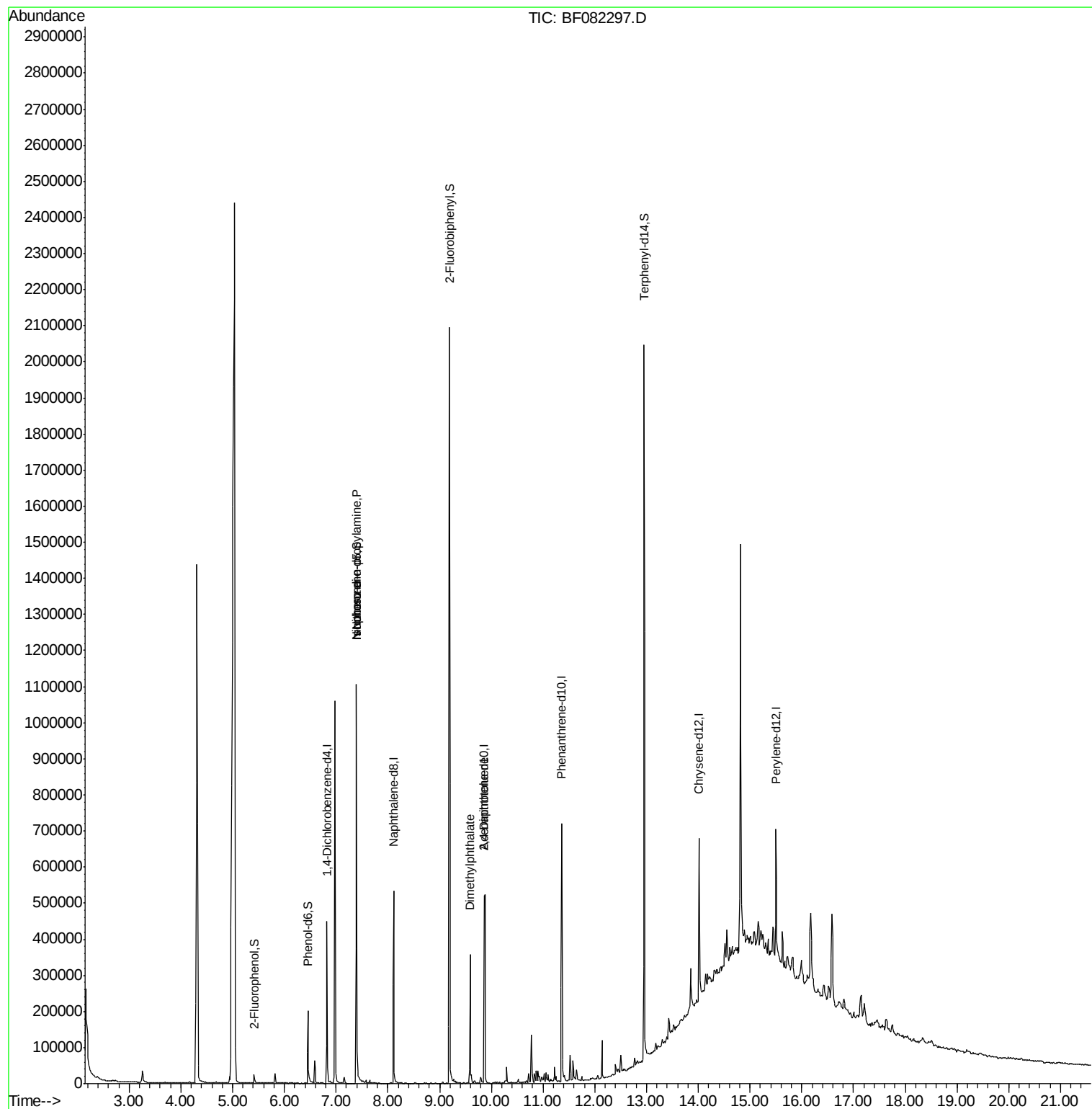
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78053	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	315178	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	165026	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	325367	20.00	ng	0.00
75) Chrysene-d12	14.01	240	248579	20.00	ng	-0.02
86) Perylene-d12	15.50	264	191086	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	9638	2.49	ng	0.01
7) Phenol-d6	6.46	99	98353	19.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	412697	87.93	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	785249	78.91	ng	-0.01
78) Terphenyl-d14	12.95	244	869979	92.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	53154	15.04	ng	# 76
25) Isophorone	7.39	82	309352	32.66	ng	# 66
49) Dimethylphthalate	9.59	163	146627	12.62	ng	98
55) 4-Nitrophenol	10.08	139	593	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.86	165	20673	6.75	ng	# 21

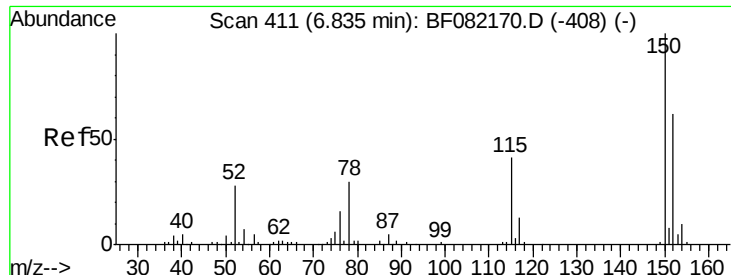
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082297.D
Acq On : 15 Oct 2015 3:50
Operator : UM/IZ
Sample : G4016-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-4

Quant Time: Oct 15 04:20:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 04:19:20 2015
Response via : Initial Calibration





#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 3:50

Instrument :

BNA_F

ClientSampleId :

CS-4

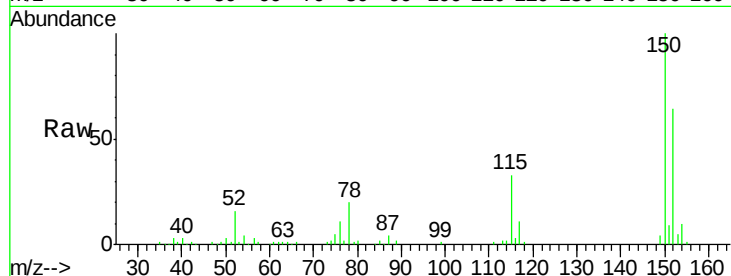
Tot Ion:152 Resp: 78053

Ion Ratio Lower Upper

152 100

150 155.1 129.0 193.4

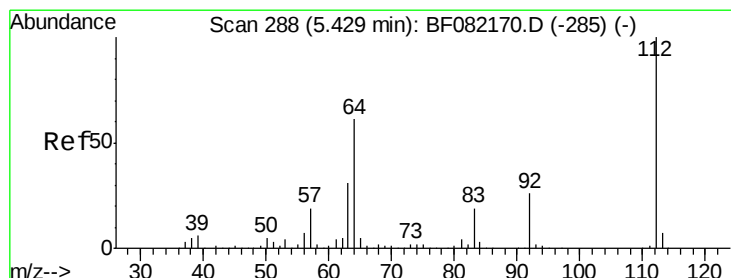
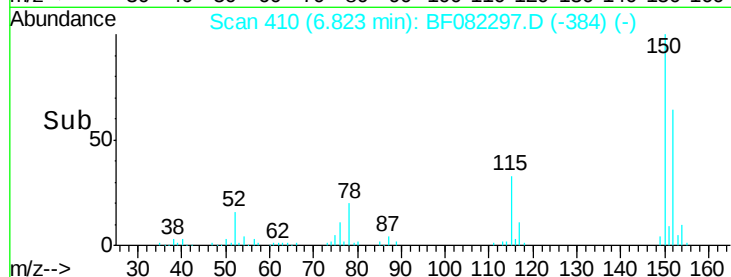
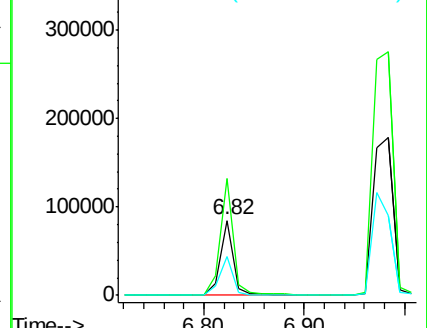
115 51.7 52.1 78.1#



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: 2.49 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

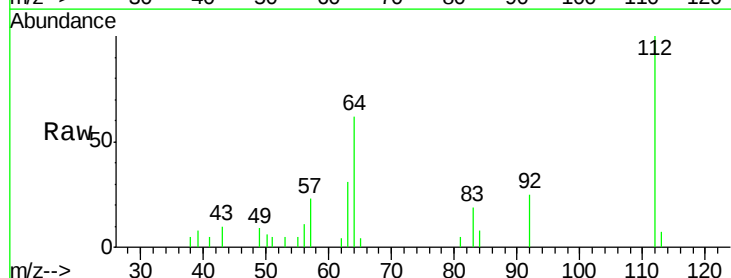
Tgt Ion:112 Resp: 9638

Ion Ratio Lower Upper

112 100

64 61.7 48.6 73.0

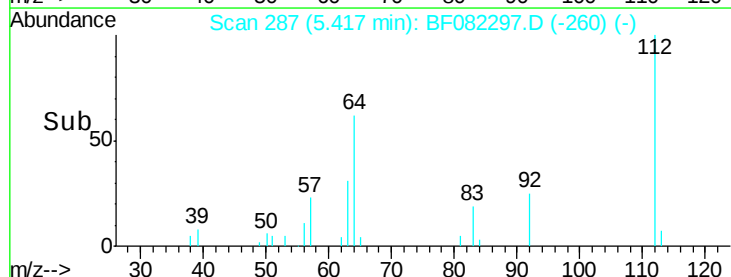
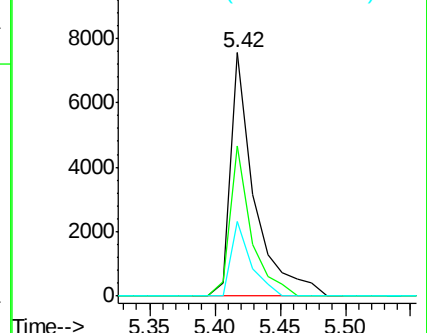
63 30.8 25.1 37.7



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: 19.54 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

Instrument :

BNA_F

ClientSampleId :

CS-4

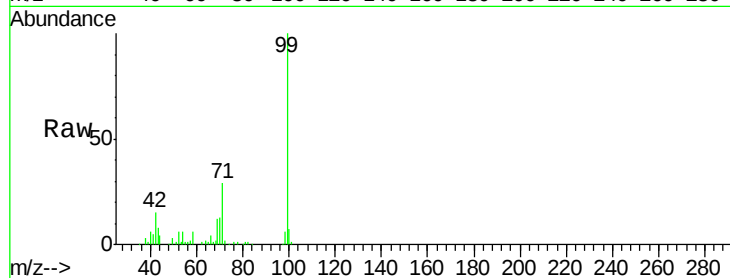
Tot Ion: 99 Resp: 98353

Ion Ratio Lower Upper

99 100

42 15.2 13.2 19.8

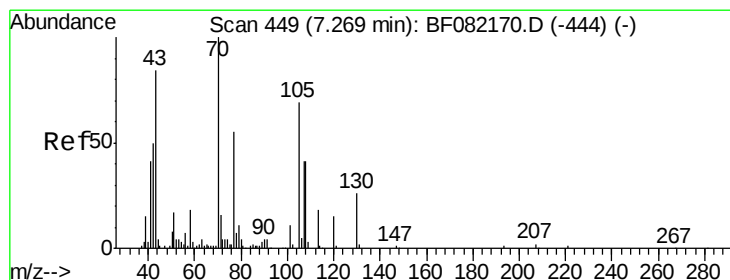
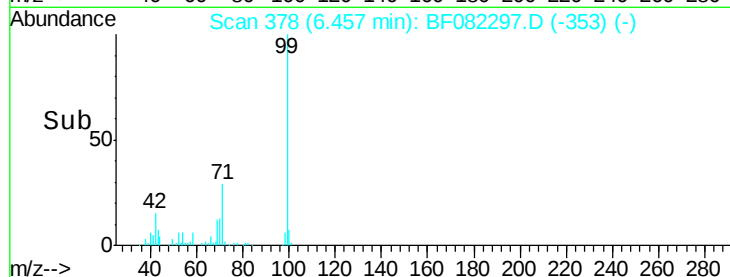
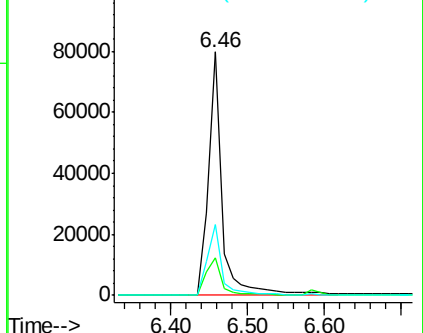
71 29.3 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

Tgt Ion: 70 Resp: 53154

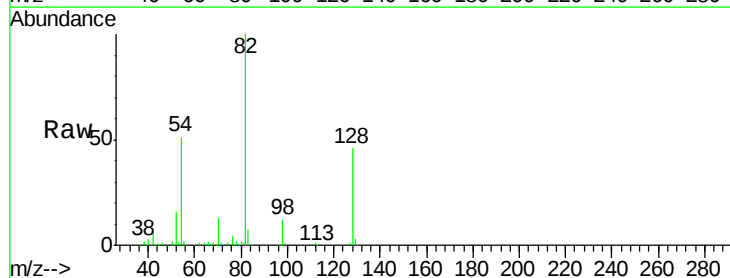
Ion Ratio Lower Upper

70 100

42 42.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#

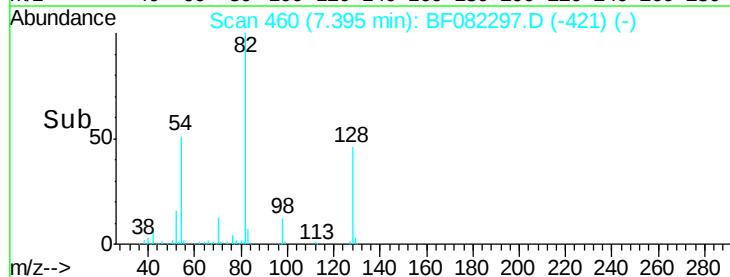
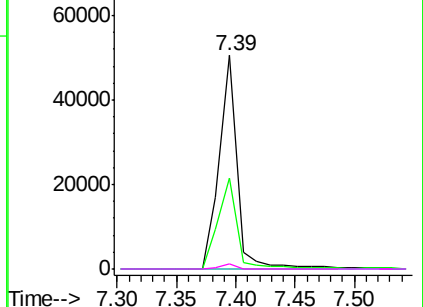


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#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 3:50

Instrument :

BNA_F

ClientSampleId :

CS-4

Tot Ion:136 Resp: 315178

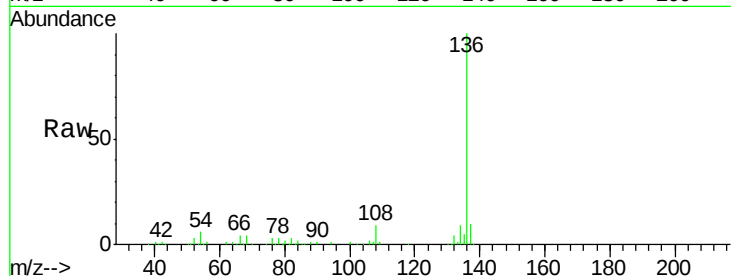
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.0 7.5 11.3#

68 4.2 4.6 7.0#

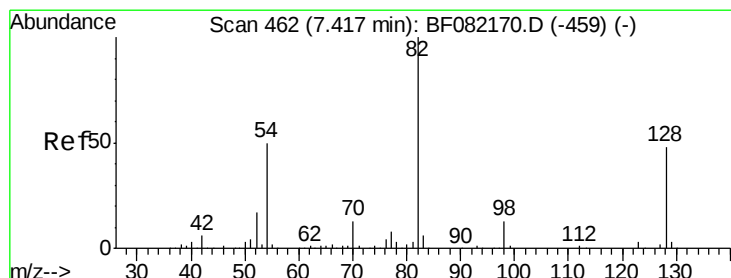
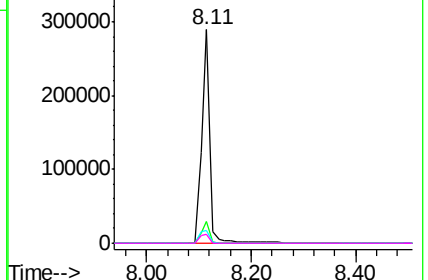
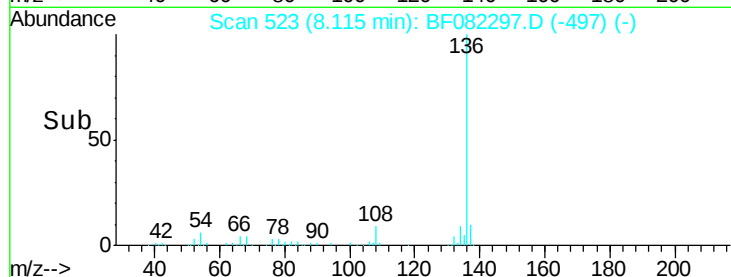


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.93 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

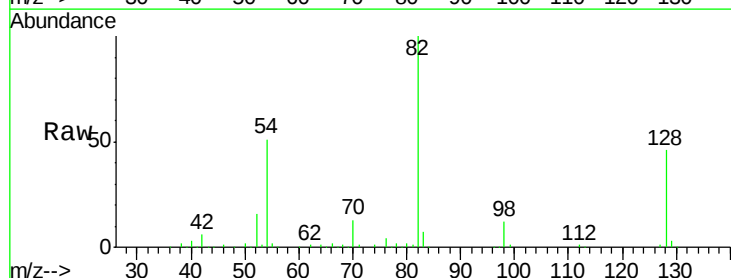
Tgt Ion: 82 Resp: 412697

Ion Ratio Lower Upper

82 100

128 46.3 38.7 58.1

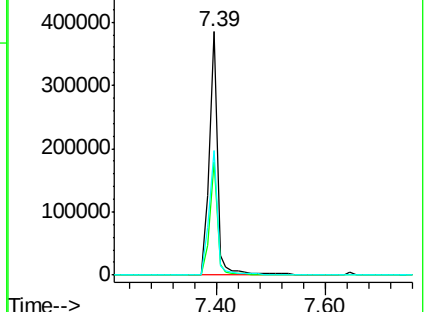
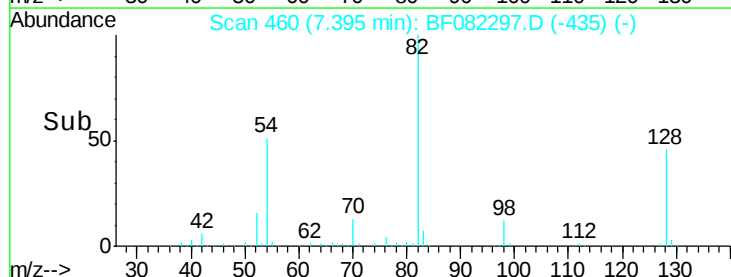
54 51.2 40.1 60.1



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: 32.66 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

Instrument :

BNA_F

ClientSampled :

CS-4

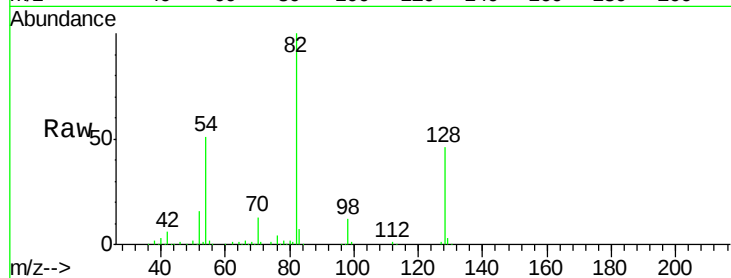
Tot Ion: 82 Resp: 309352

Ion Ratio Lower Upper

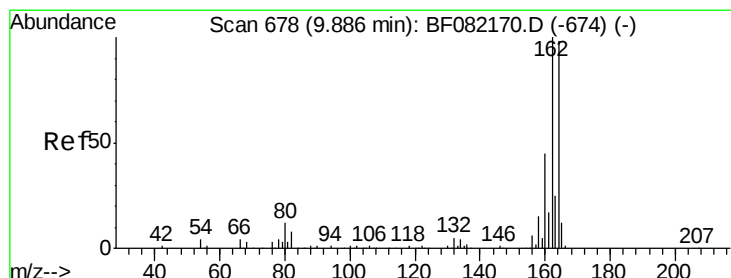
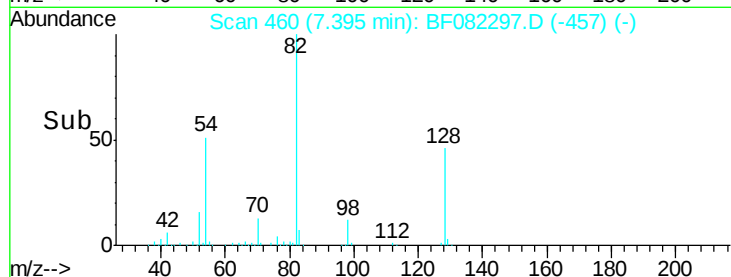
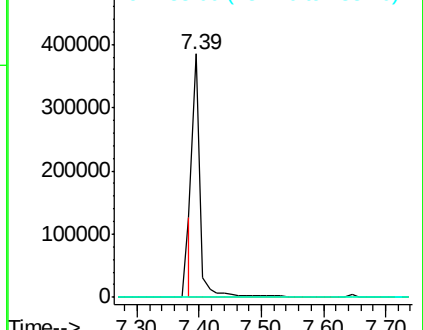
82 100

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: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

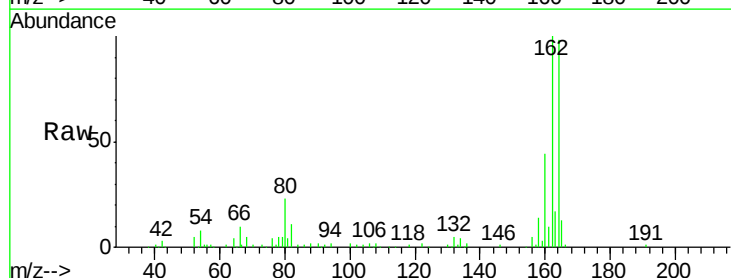
Tgt Ion: 164 Resp: 165026

Ion Ratio Lower Upper

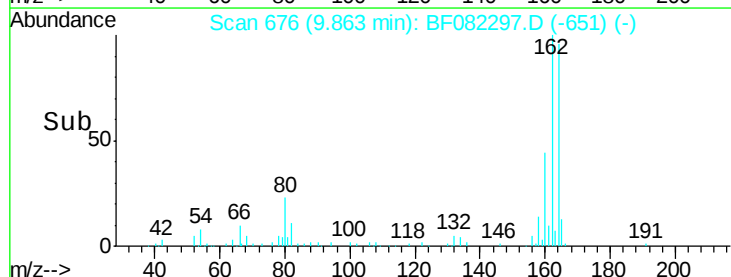
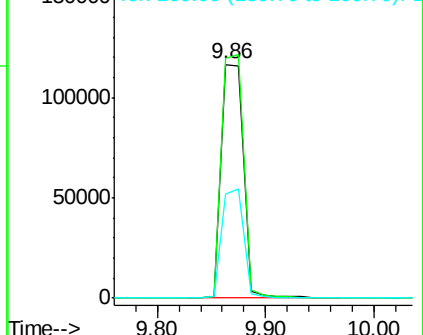
164 100

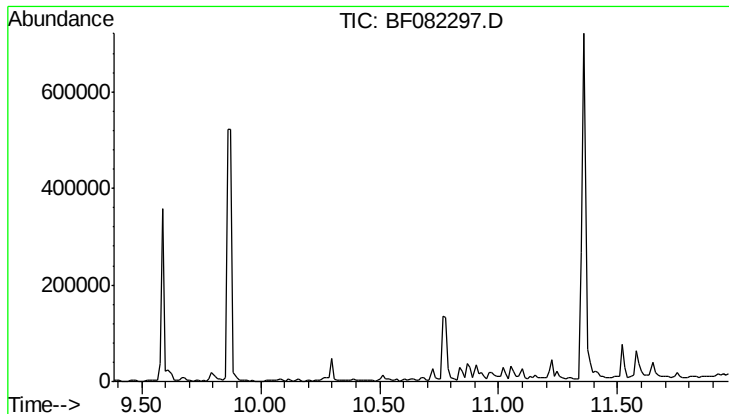
162 102.4 81.6 122.4

160 44.8 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 3:50

Instrument :

BNA_F

ClientSampleId :

CS-4

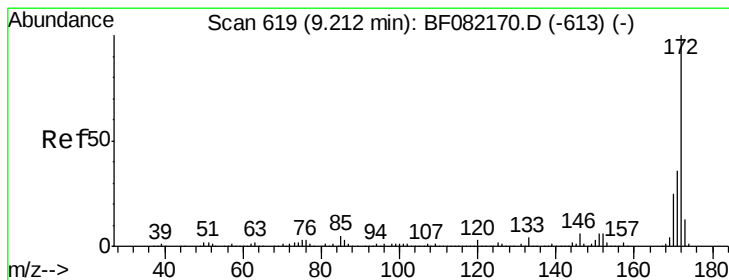
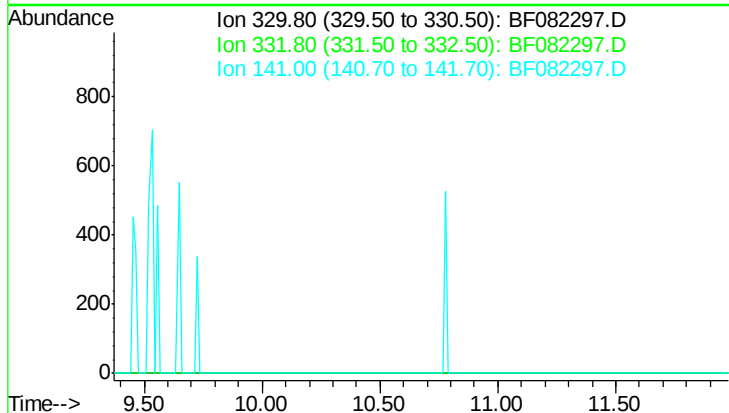
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.4

141 37.3



#44

2-Fluorobiphenyl

Concen: 78.91 ng

RT: 9.19 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

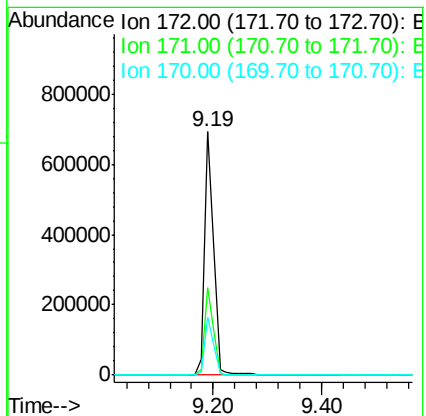
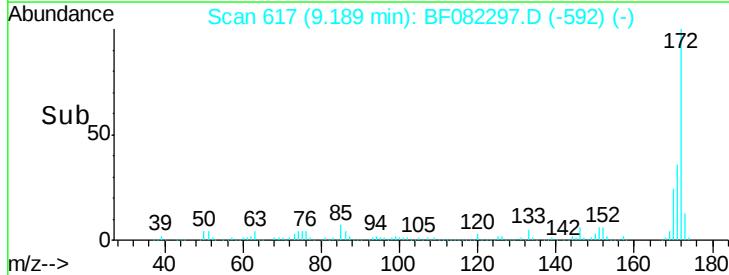
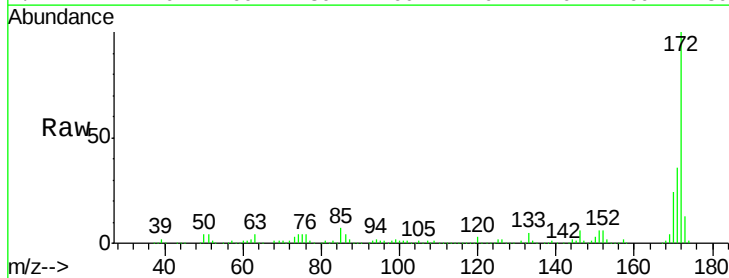
Tgt Ion:172 Resp: 785249

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 23.8 19.7 29.5

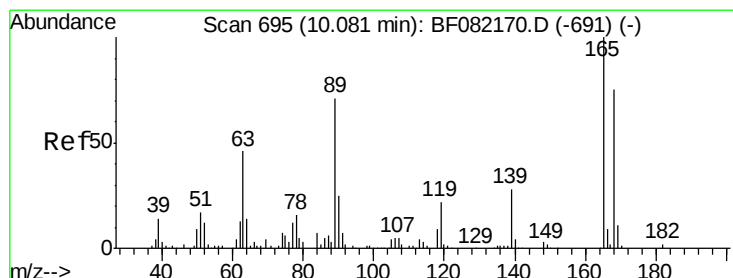
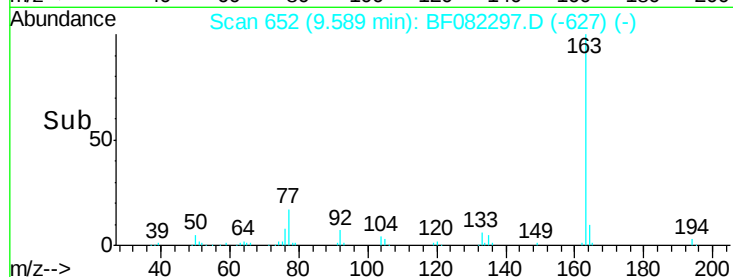
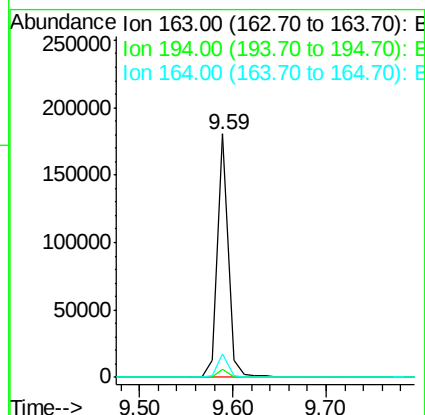
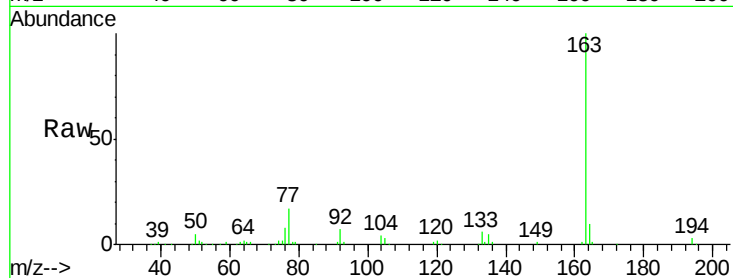




#49
Dimethylphthalate
Concen: 12.62 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082297.D
Acq: 15 Oct 2015 3:50

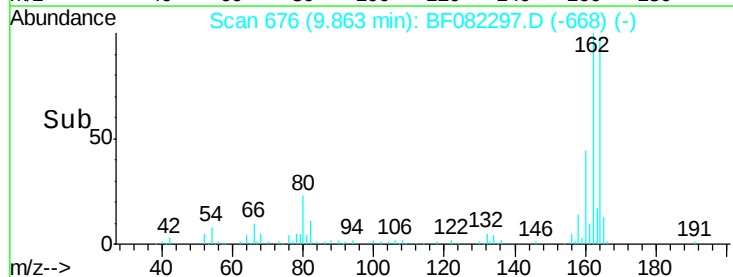
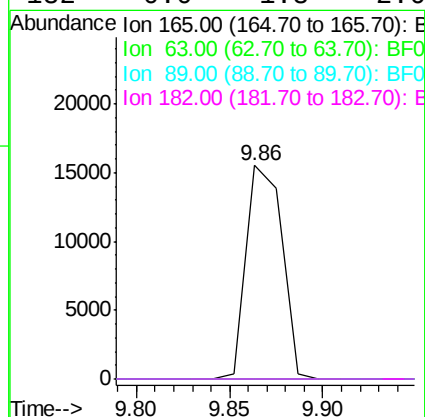
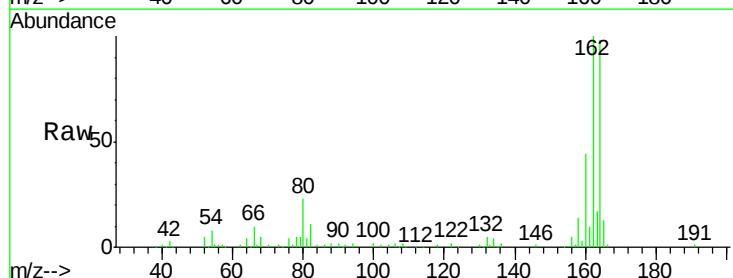
Instrument :
BNA_F
ClientSampleId :
CS-4

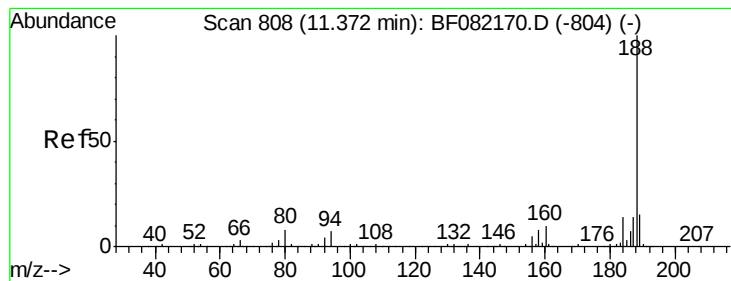
Tot Ion:163 Resp: 146627
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF082297.D
Acq: 15 Oct 2015 3:50

Tgt Ion:165 Resp: 20673
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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

Instrument :

BNA_F

ClientSampleId :

CS-4

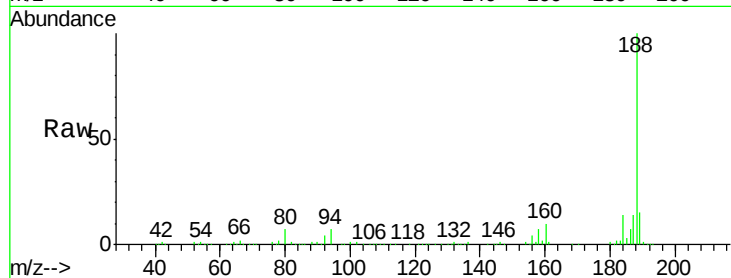
Tot Ion:188 Resp: 325367

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

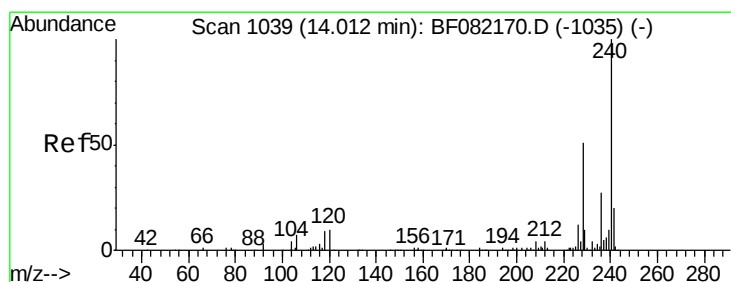
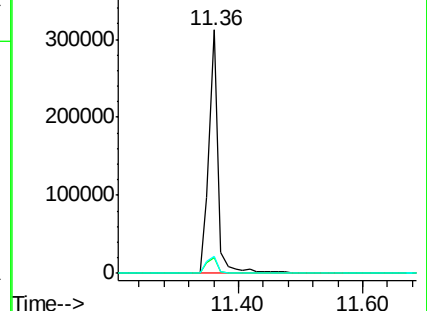
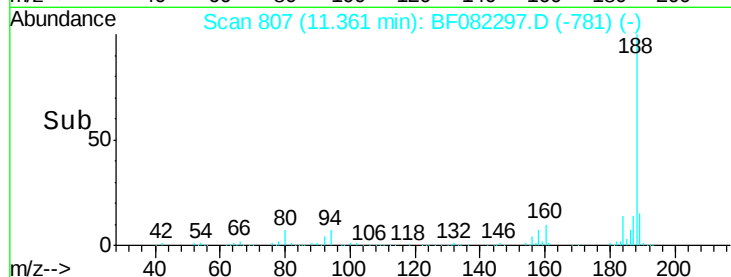
80 6.8 6.4 9.6



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: 14.01 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BF082297.D

Acq: 15 Oct 2015 3:50

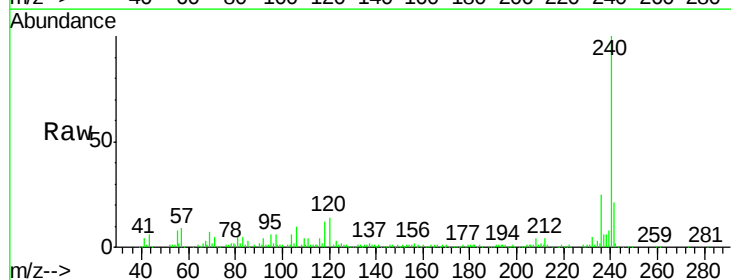
Tgt Ion:240 Resp: 248579

Ion Ratio Lower Upper

240 100

120 14.2 8.1 12.1#

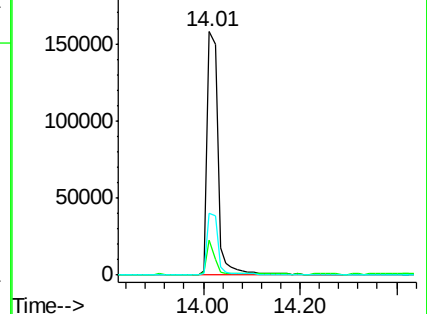
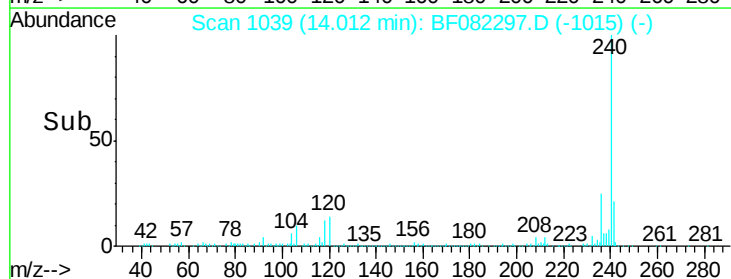
236 25.5 21.3 31.9

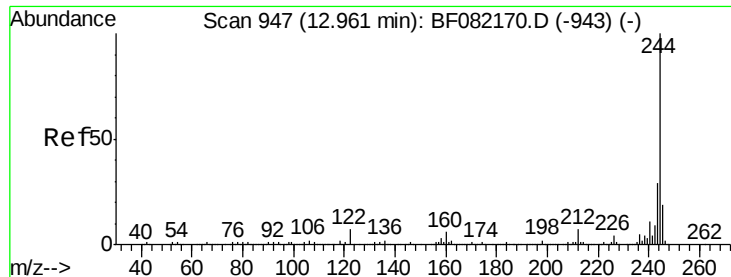


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

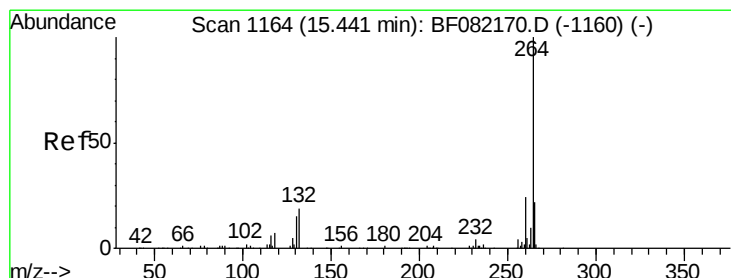
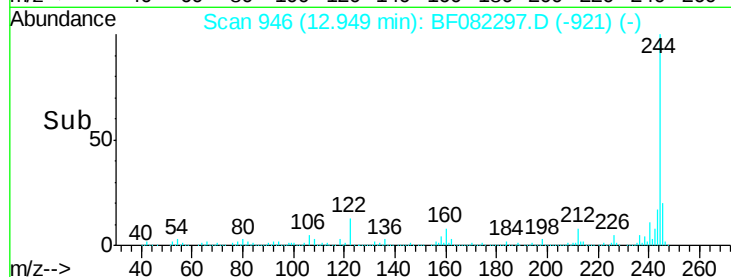
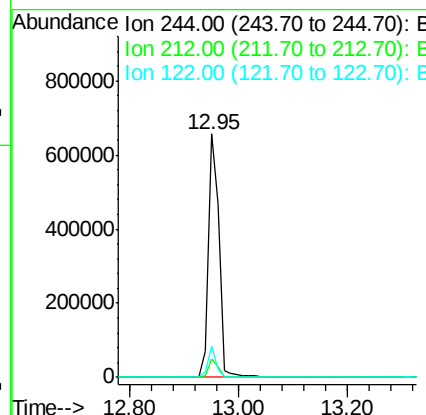
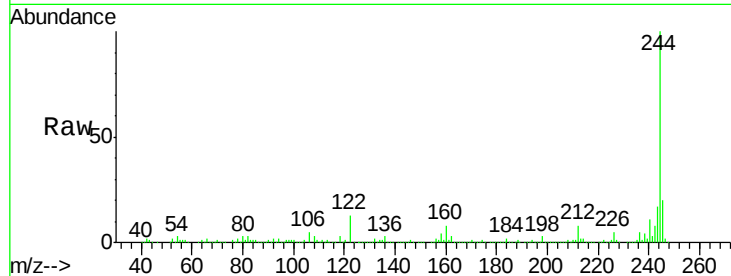




#78
 Terphenyl-d14
 Concen: 92.74 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 3:50

Instrument :
 BNA_F
 ClientSampleId :
 CS-4

Tot Ion:244 Resp: 869979
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 12.7 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BF082297.D
 Acq: 15 Oct 2015 3:50

Tgt Ion:264 Resp: 191086
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.8 17.3 25.9

