

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082296.D
 Acq On : 15 Oct 2015 3:22
 Operator : UM/IZ
 Sample : G4016-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-8

Quant Time: Oct 15 04:20:42 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

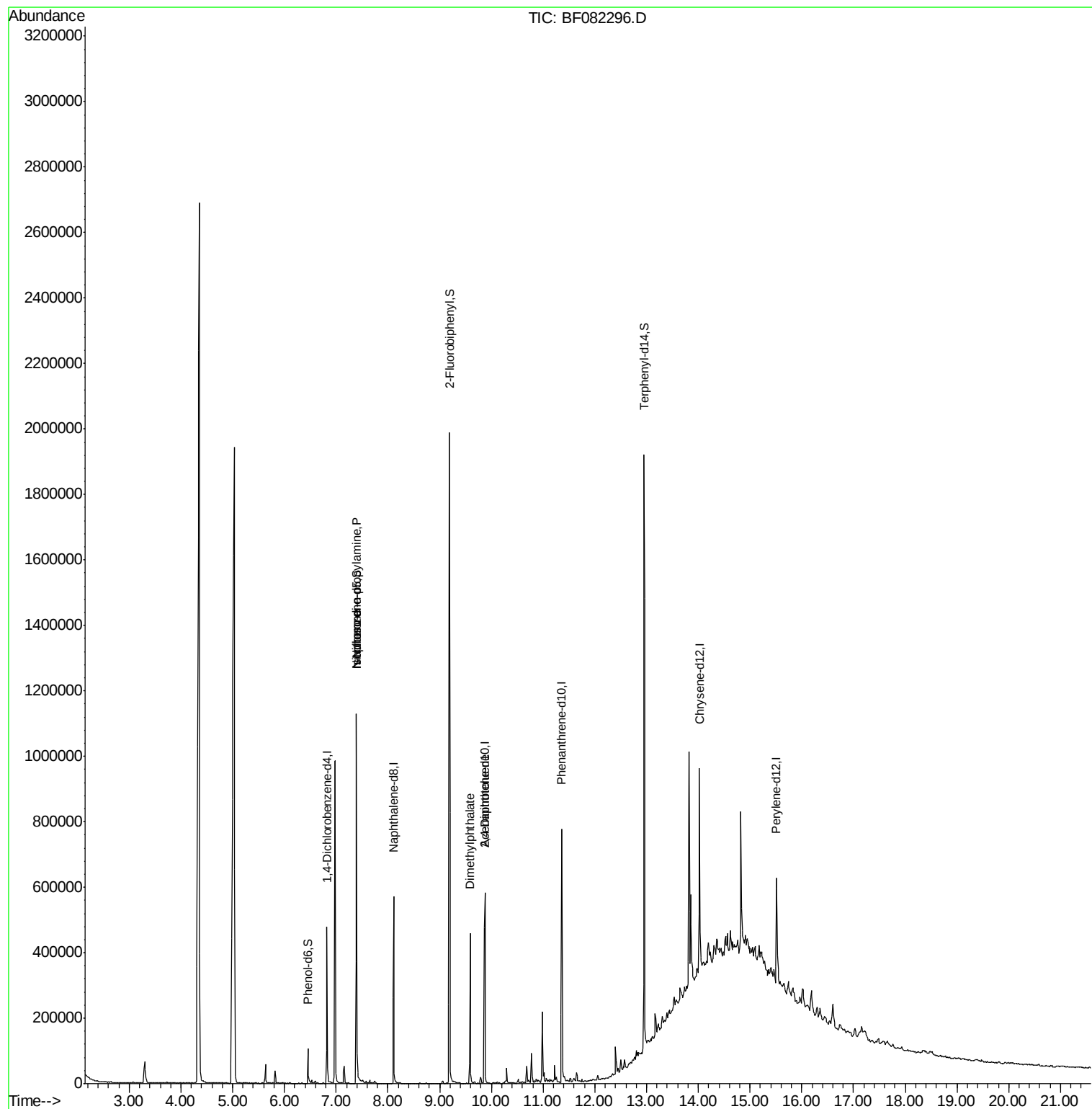
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81967	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	326147	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	169153	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	330131	20.00	ng	0.00
75) Chrysene-d12	14.02	240	258422	20.00	ng	-0.01
86) Perylene-d12	15.51	264	190422	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	765	0.19	ng	0.02
7) Phenol-d6	6.46	99	50009	9.46	ng	-0.01
23) Nitrobenzene-d5	7.39	82	420361	86.55	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	780618	76.53	ng	-0.01
78) Terphenyl-d14	12.95	244	861054	88.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	53553	14.43	ng	# 79
25) Isophorone	7.39	82	315997	32.24	ng	# 66
49) Dimethylphthalate	9.59	163	188474	15.82	ng	99
56) 2,4-Dinitrotoluene	9.87	165	20760	6.61	ng	# 21

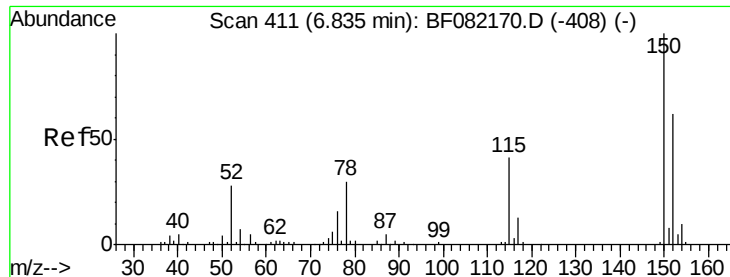
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampleId :

CS-8

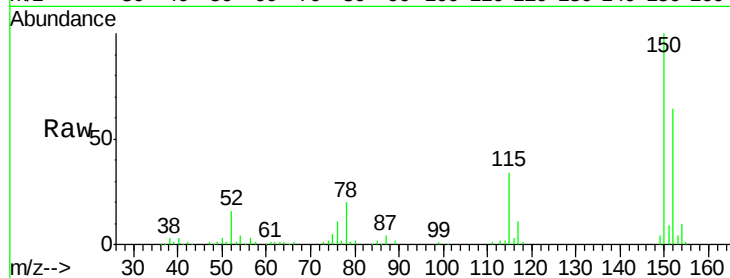
Tot Ion:152 Resp: 81967

Ion Ratio Lower Upper

152 100

150 156.8 129.0 193.4

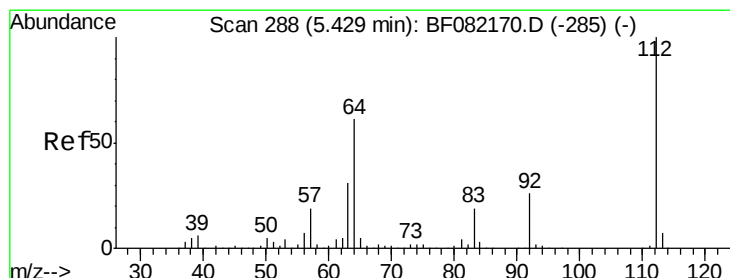
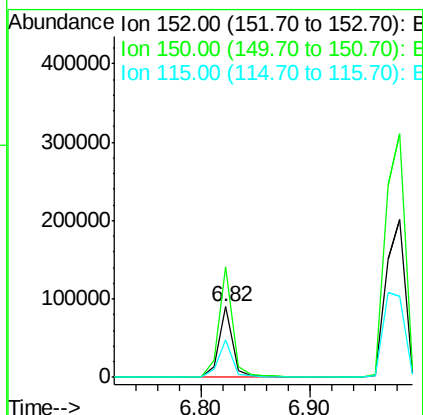
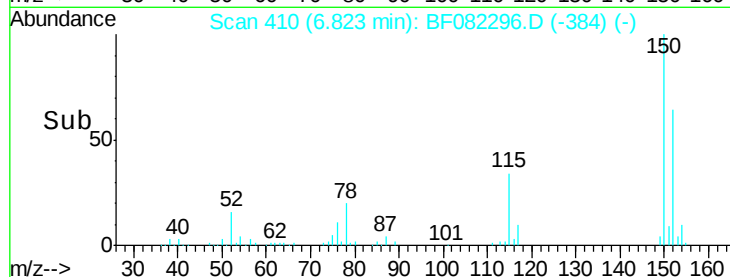
115 53.4 52.1 78.1



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: 0.19 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

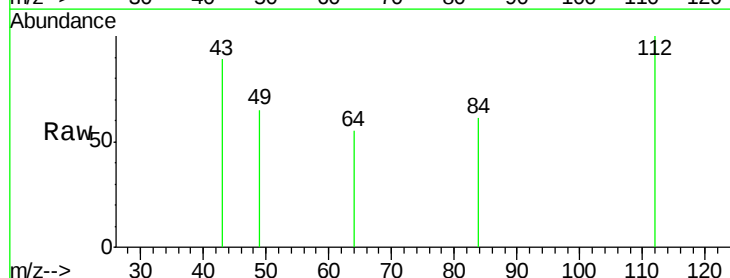
Tgt Ion:112 Resp: 765

Ion Ratio Lower Upper

112 100

64 54.8 48.6 73.0

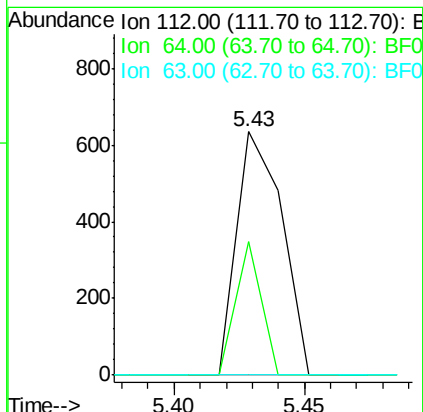
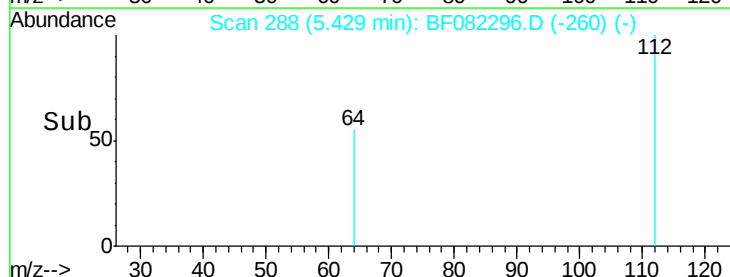
63 0.0 25.1 37.7#

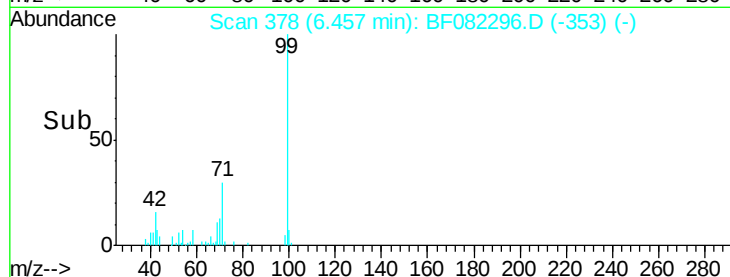
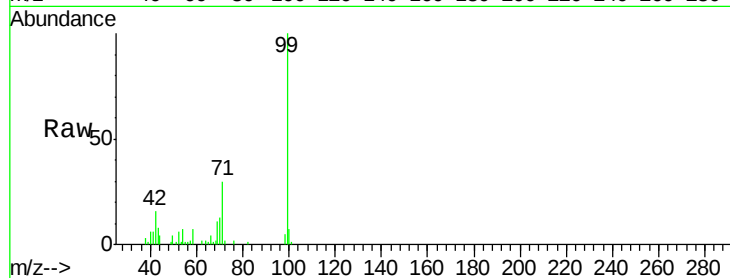


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.46 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampled :

CS-8

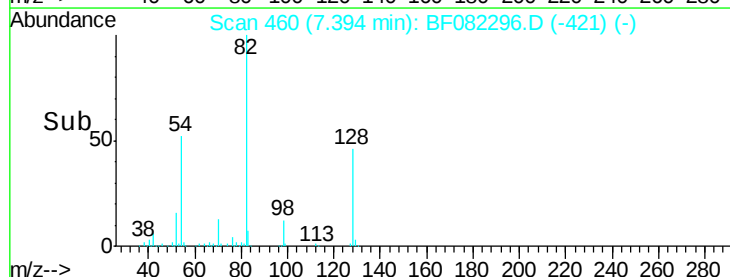
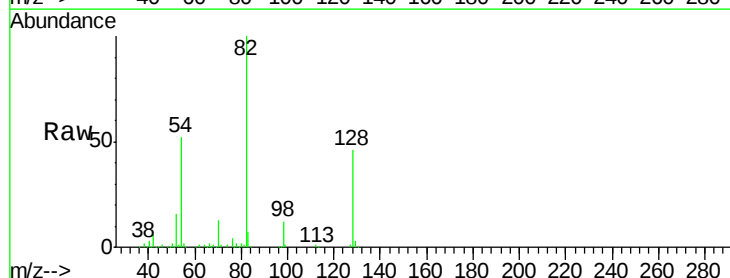
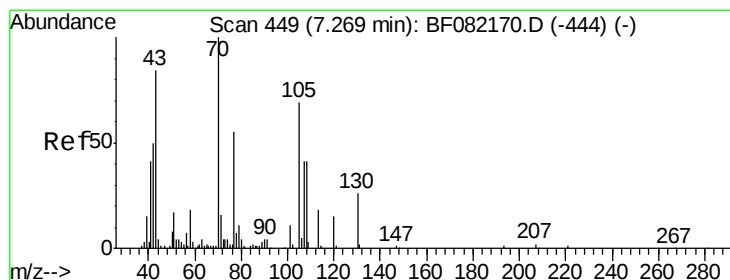
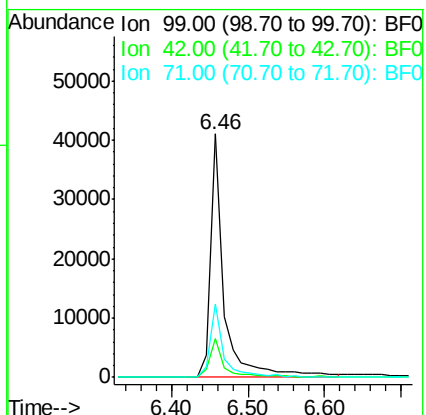
Tot Ion: 99 Resp: 50009

Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

71 30.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.43 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

Tgt Ion: 70 Resp: 53553

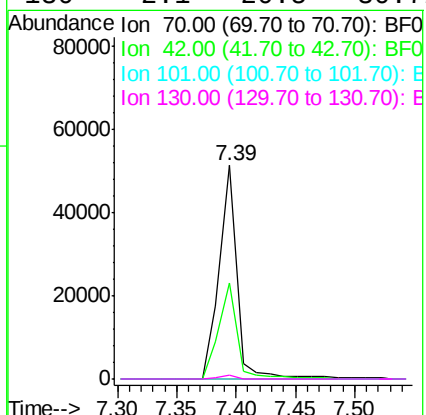
Ion Ratio Lower Upper

70 100

42 45.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 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: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampleId :

CS-8

Tot Ion:136 Resp: 326147

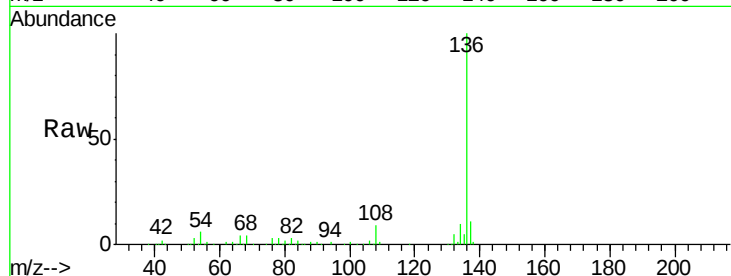
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.1 7.5 11.3#

68 4.2 4.6 7.0#

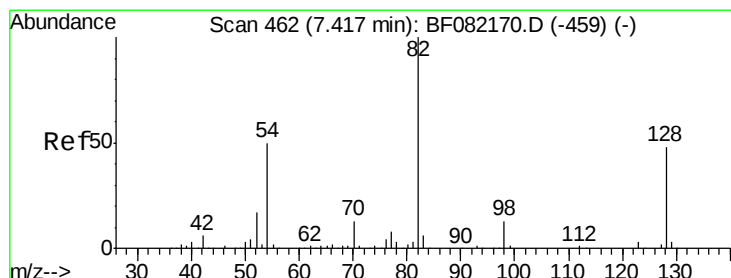
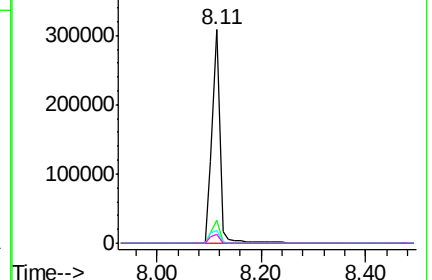
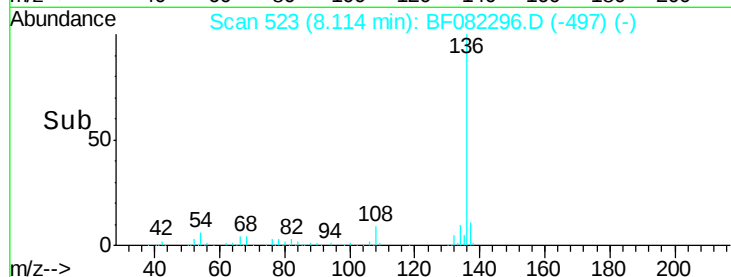


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.55 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

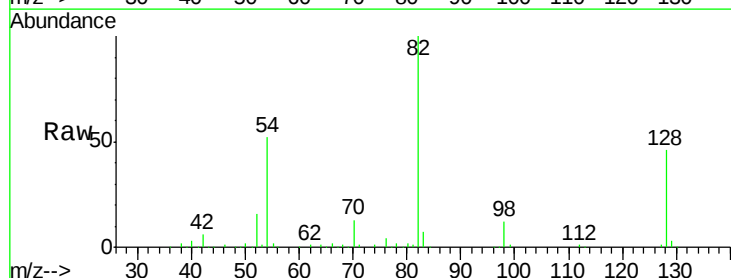
Tgt Ion: 82 Resp: 420361

Ion Ratio Lower Upper

82 100

128 46.0 38.7 58.1

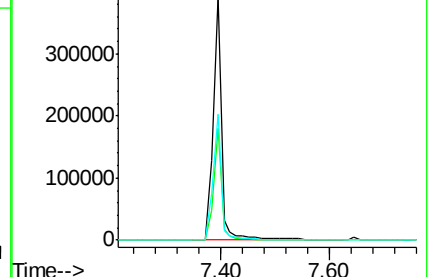
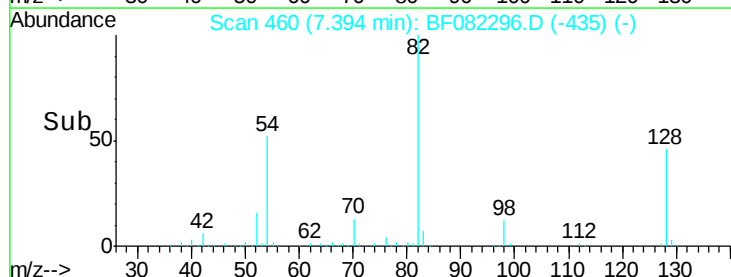
54 51.6 40.1 60.1

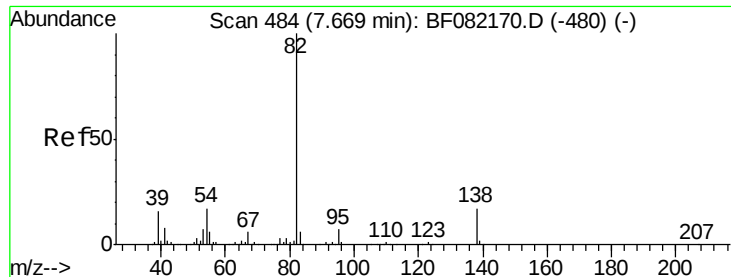


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.24 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampled :

CS-8

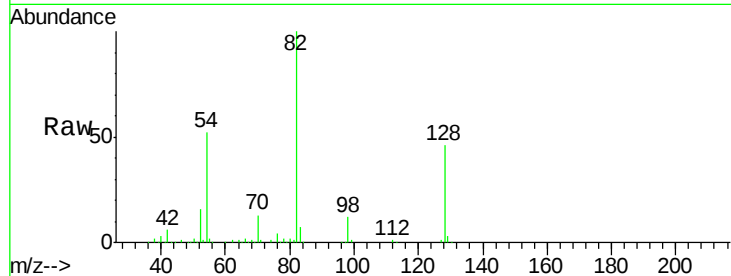
Tot Ion: 82 Resp: 315997

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

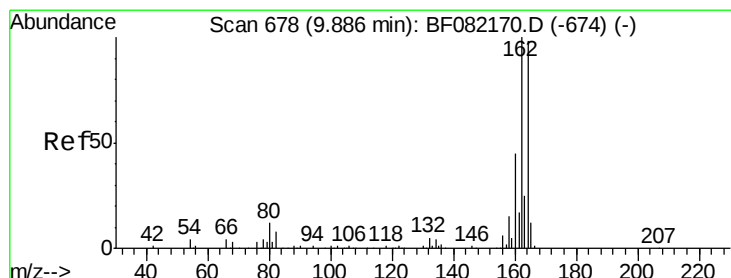
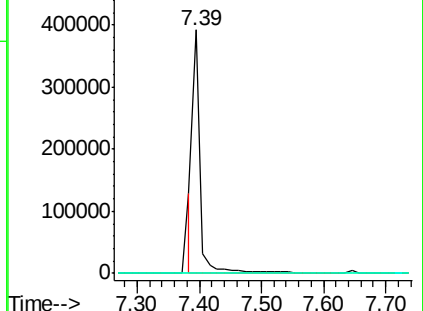
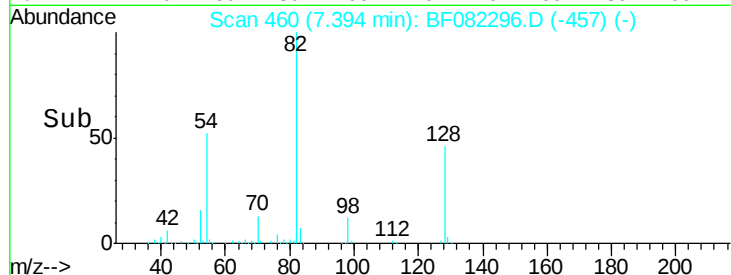
138 0.0 13.6 20.4#



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: BF082296.D

Acq: 15 Oct 2015 3:22

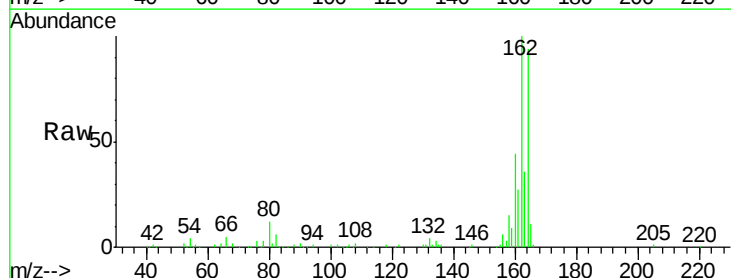
Tgt Ion:164 Resp: 169153

Ion Ratio Lower Upper

164 100

162 106.1 81.6 122.4

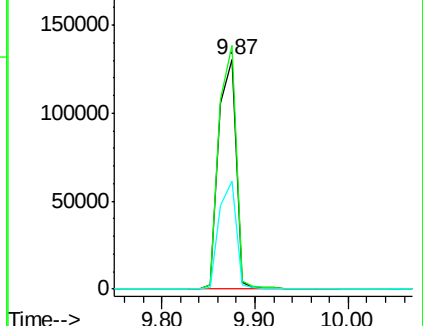
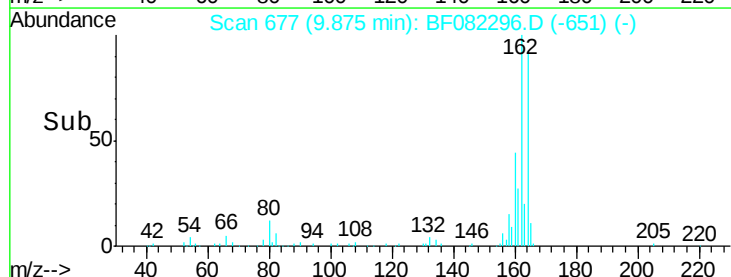
160 46.8 36.4 54.6

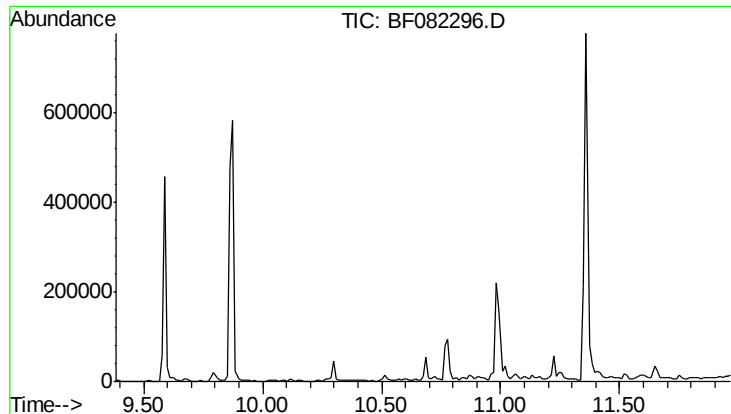


Abundance Ion 164.00 (163.70 to 164.70): E

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: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampleId :

CS-8

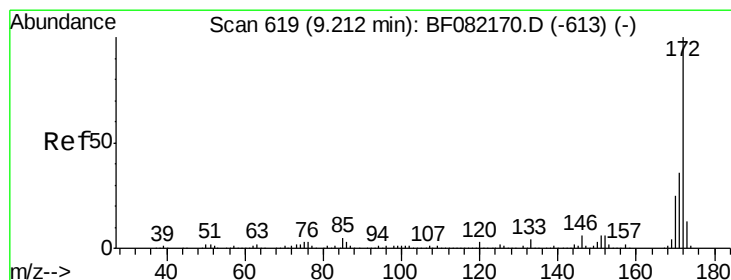
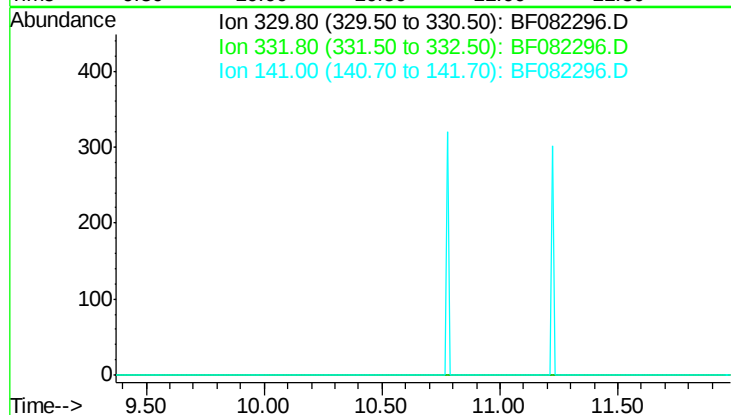
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.4

141 37.3



#44

2-Fluorobiphenyl

Concen: 76.53 ng

RT: 9.19 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

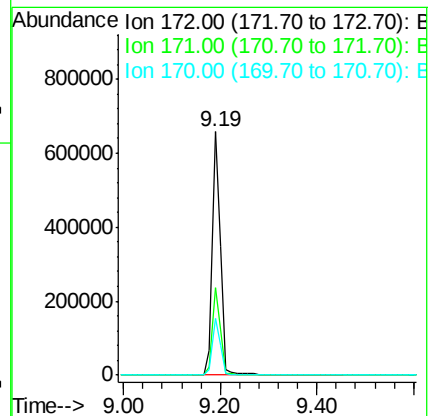
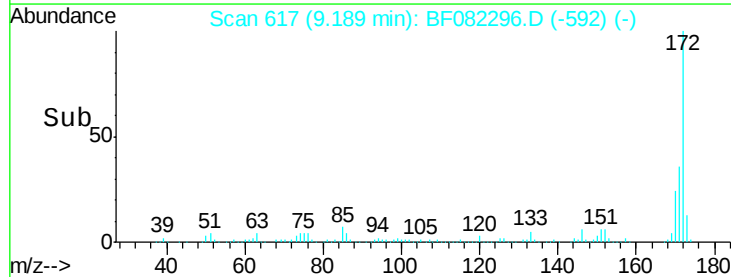
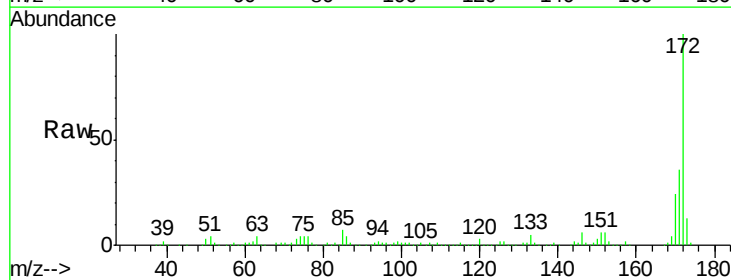
Tgt Ion:172 Resp: 780618

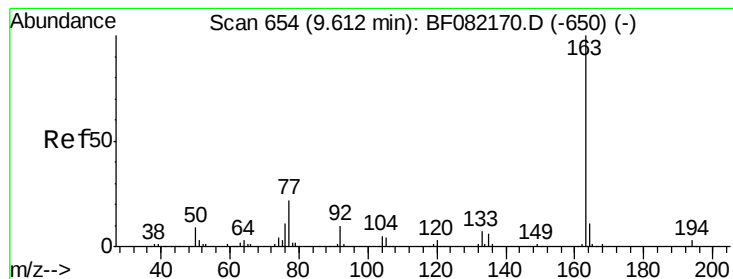
Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.5 19.7 29.5





#49

Dimethylphthalate

Concen: 15.82 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampleId :

CS-8

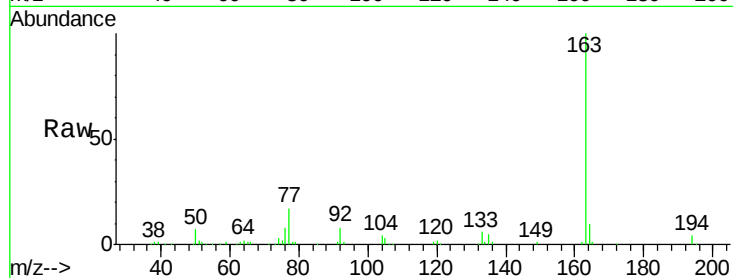
Tot Ion:163 Resp: 188474

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

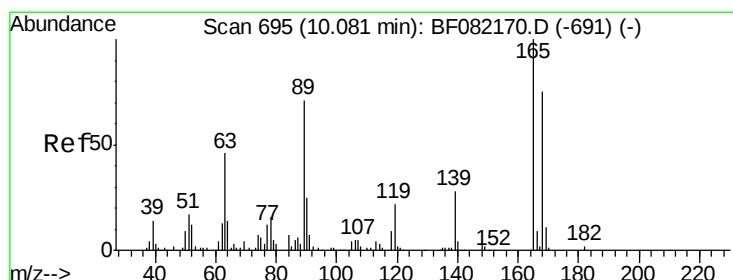
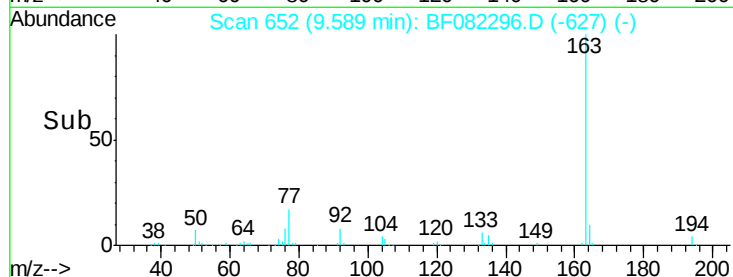
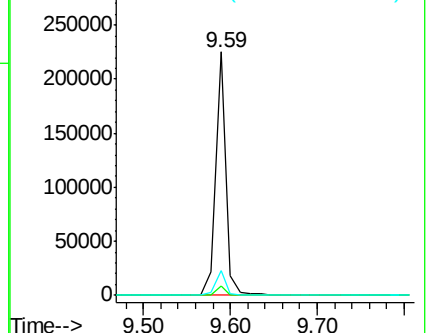
164 10.1 8.5 12.7



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



#56

2,4-Dinitrotoluene

Concen: 6.61 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

Tgt Ion:165 Resp: 20760

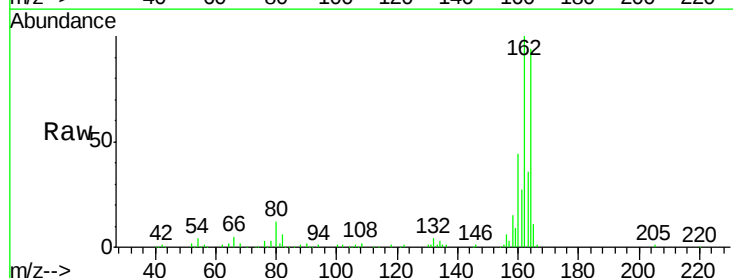
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

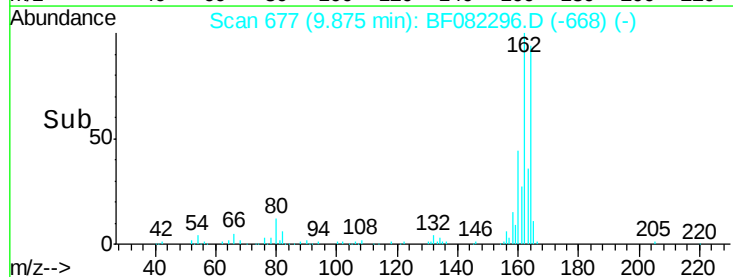
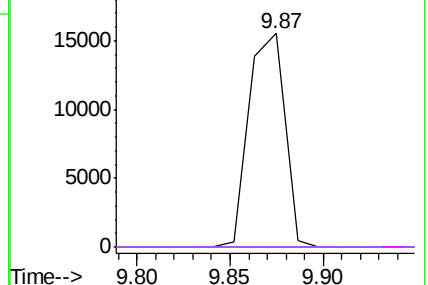


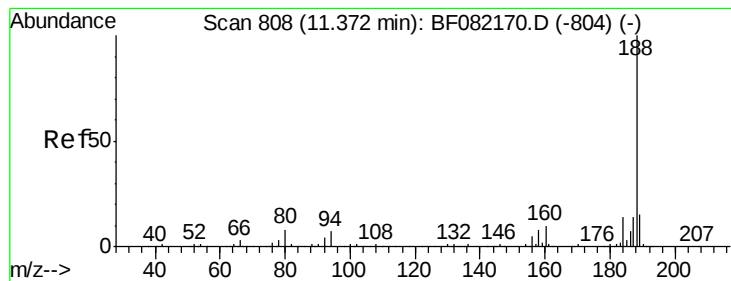
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampleId :

CS-8

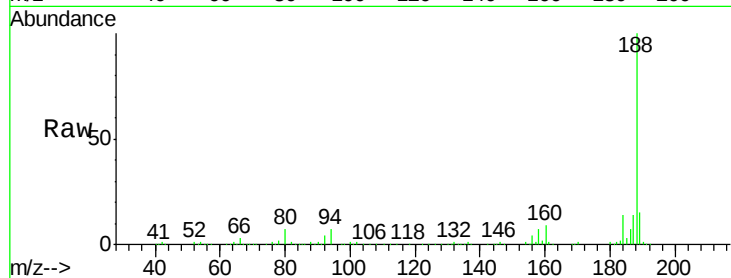
Tot Ion:188 Resp: 330131

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

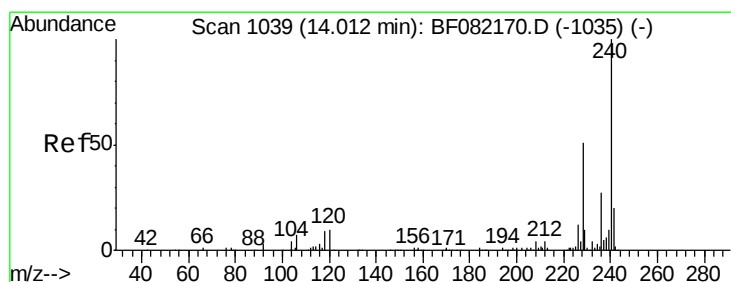
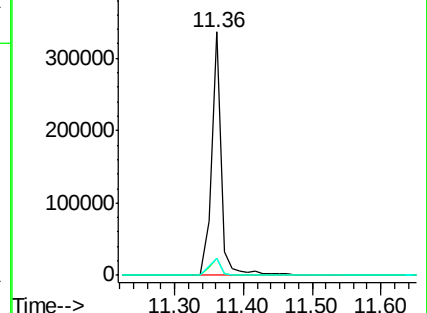
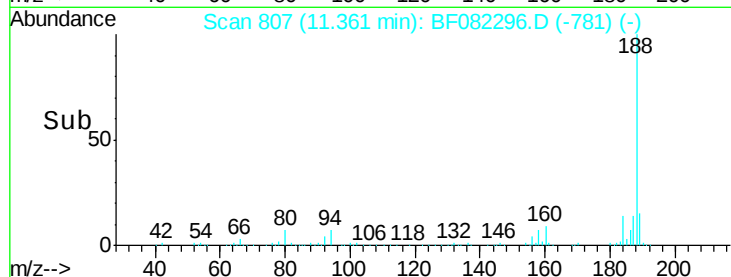
80 7.3 6.4 9.6



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: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

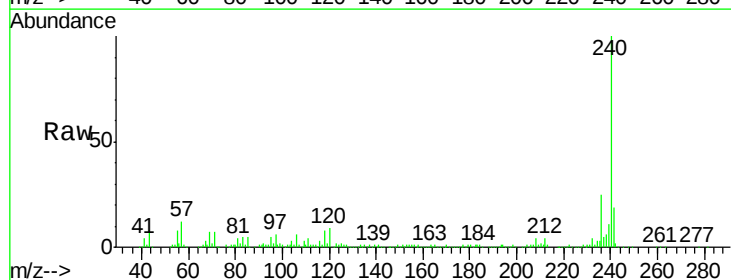
Tgt Ion:240 Resp: 258422

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

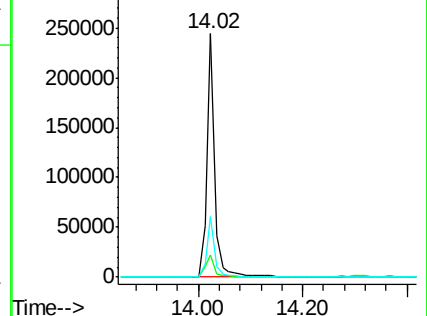
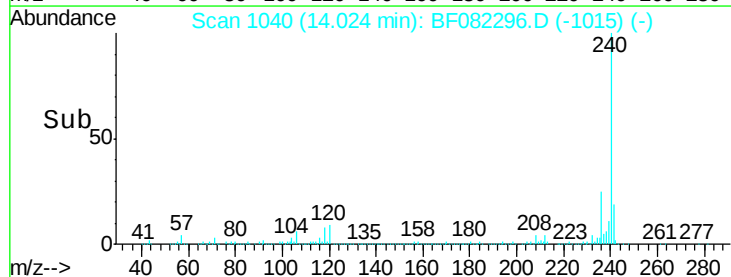
236 25.1 21.3 31.9

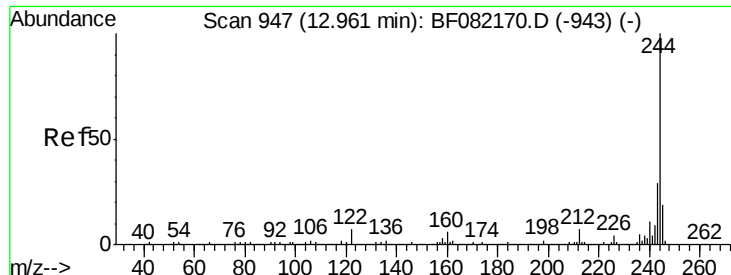


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.29 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

Instrument :

BNA_F

ClientSampleId :

CS-8

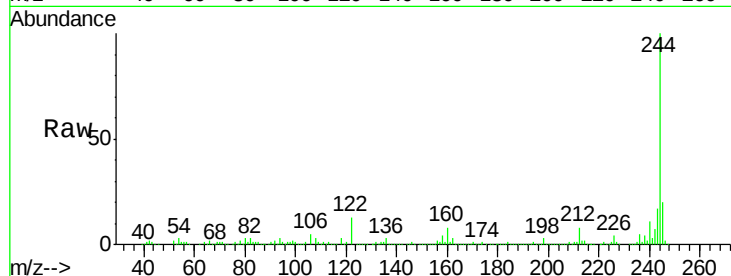
Tot Ion:244 Resp: 861054

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

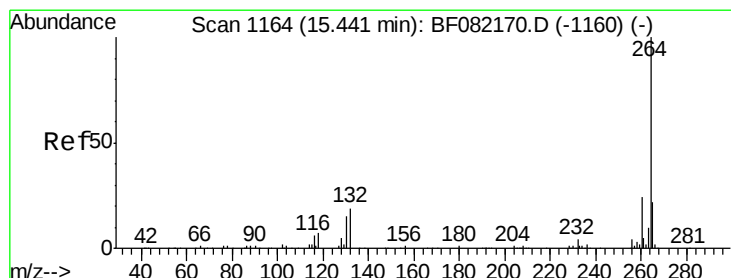
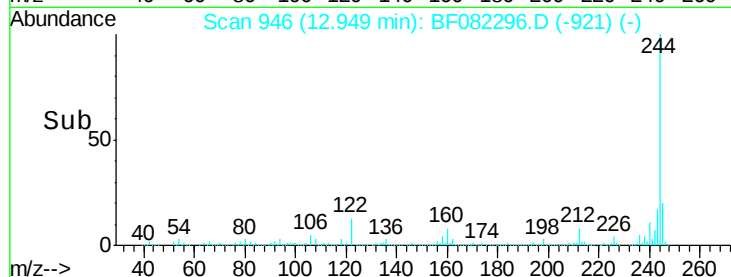
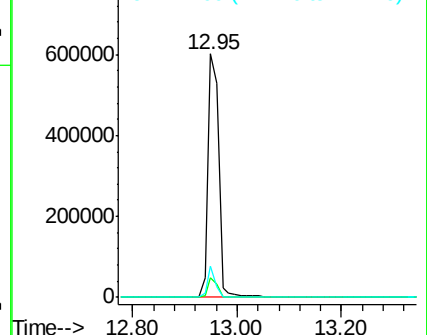
122 12.9 5.9 8.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF082296.D

Acq: 15 Oct 2015 3:22

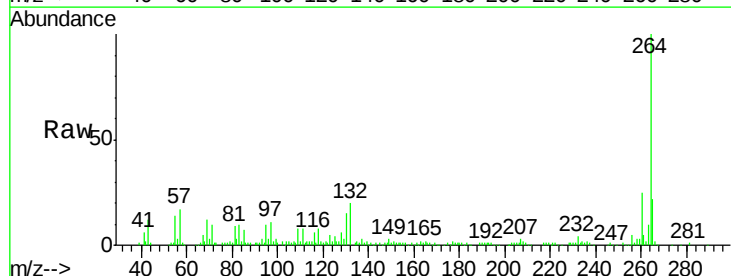
Tgt Ion:264 Resp: 190422

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

