

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082285.D
 Acq On : 14 Oct 2015 18:12
 Operator : UM/IZ
 Sample : G4016-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-11

Quant Time: Oct 15 01:47:40 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 01:42:16 2015
 Response via : Initial Calibration

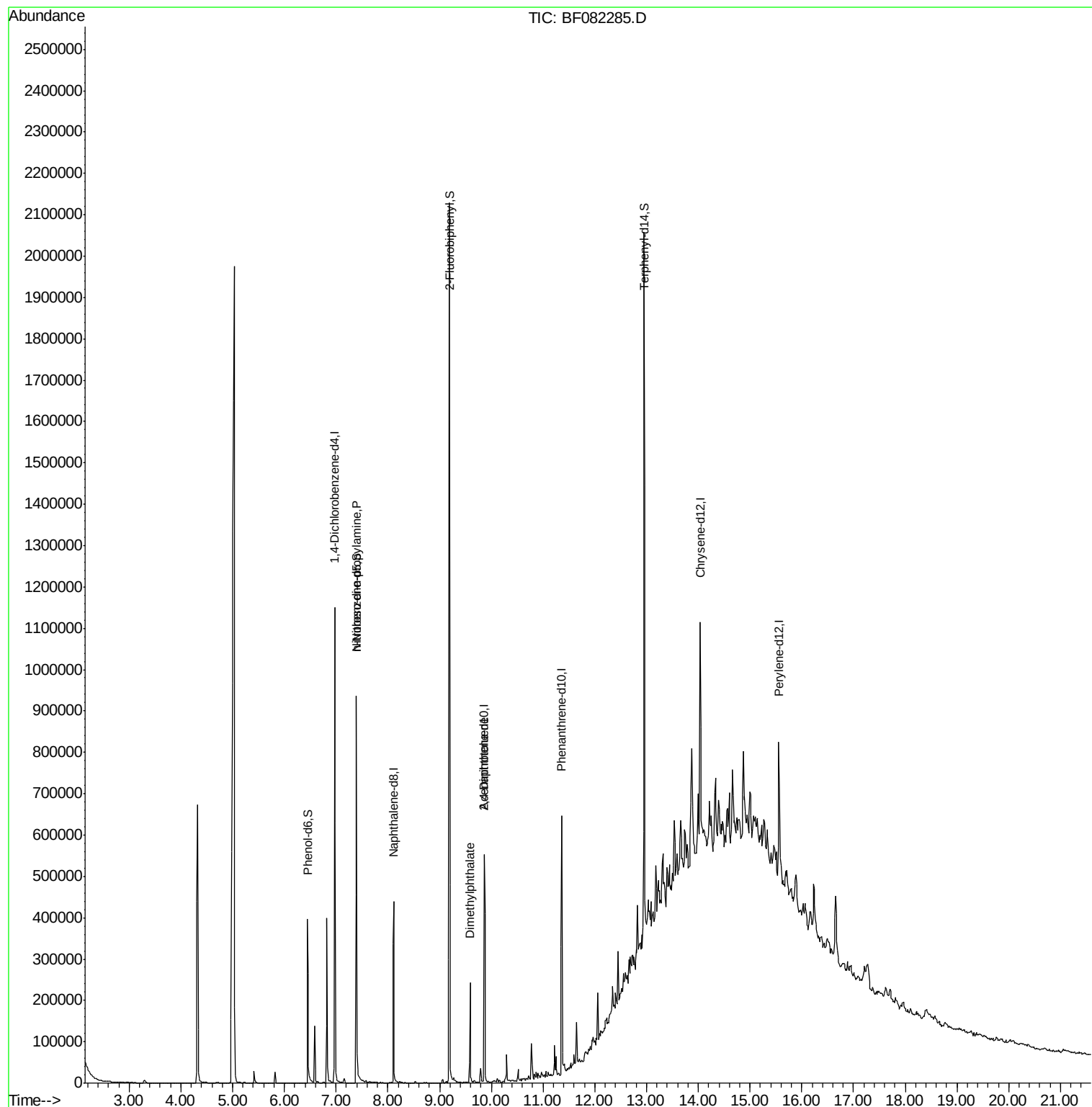
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	227410	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	303971	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	150605	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	304629	20.00	ng	0.00
75) Chrysene-d12	14.04	240	238206	20.00	ng	-0.09
86) Perylene-d12	15.56	264	180795	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	10933	0.97	ng	0.01
7) Phenol-d6	6.45	99	198260	13.52	ng	-0.02
23) Nitrobenzene-d5	7.39	82	385911	85.26	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	725147	79.85	ng	-0.01
78) Terphenyl-d14	12.95	244	749662	83.40	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	48916	4.75	ng	# 77
49) Dimethylphthalate	9.59	163	104348	9.84	ng	98
56) 2,4-Dinitrotoluene	9.86	165	19112	6.83	ng	# 21

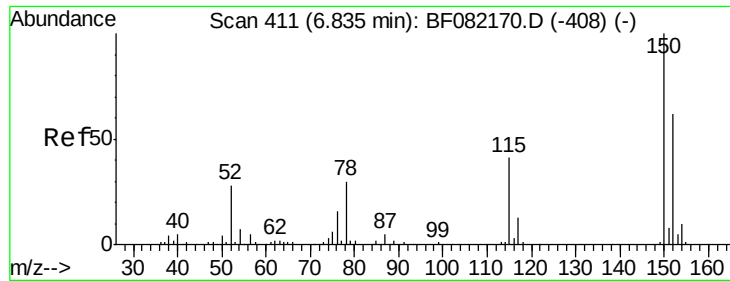
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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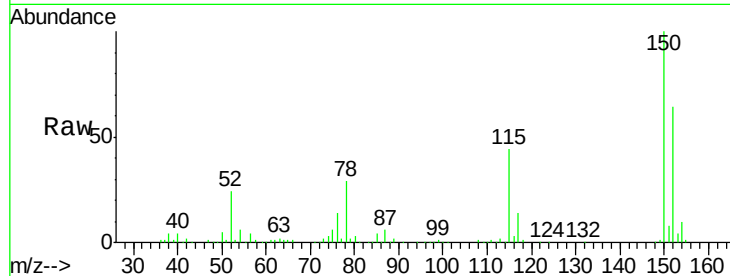


#1

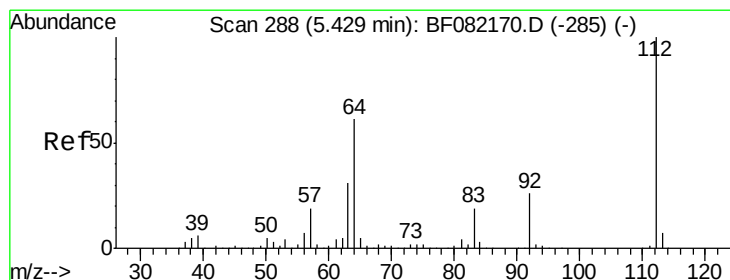
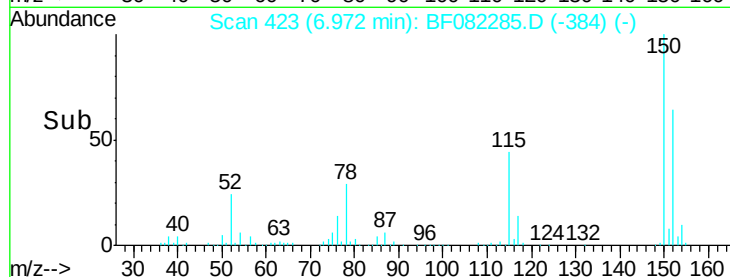
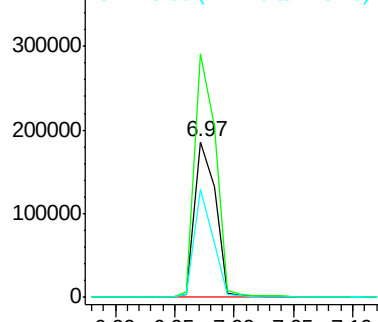
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 423
Delta R.T. 0.15 min
Lab File: BF082285.D
Acq: 14 Oct 2015 18:12

Instrument :
BNA_F
ClientSampled :
CS-11

Tot Ion:152 Resp: 227410
Ion Ratio Lower Upper
152 100
150 156.4 129.0 193.4
115 69.3 52.1 78.1



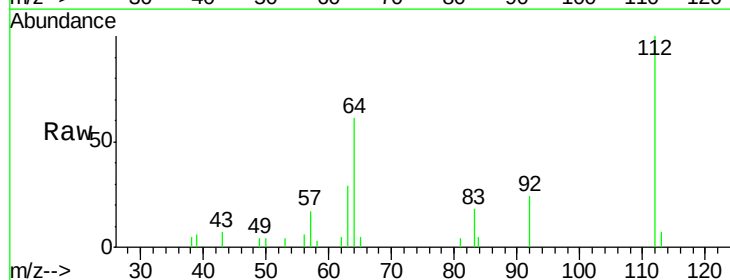
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



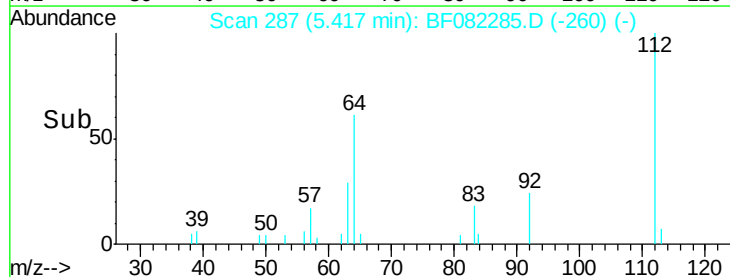
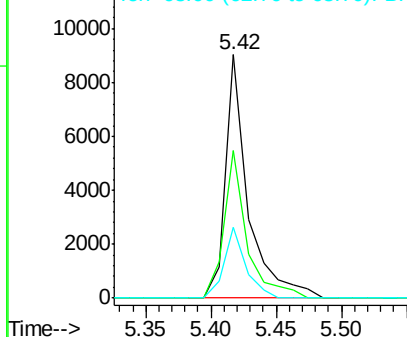
#5

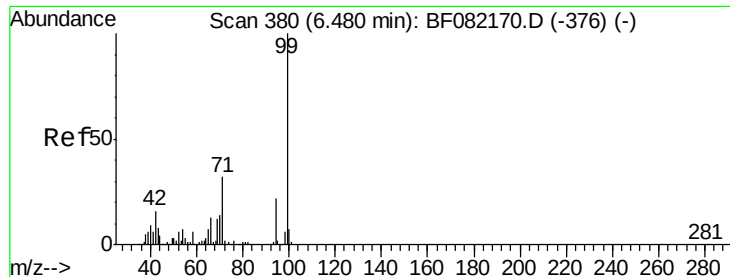
2-Fluorophenol
Concen: 0.97 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082285.D
Acq: 14 Oct 2015 18:12

Tgt Ion:112 Resp: 10933
Ion Ratio Lower Upper
112 100
64 60.6 48.6 73.0
63 28.9 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: 13.52 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF082285.D

Acq: 14 Oct 2015 18:12

Instrument :

BNA_F

ClientSampleId :

CS-11

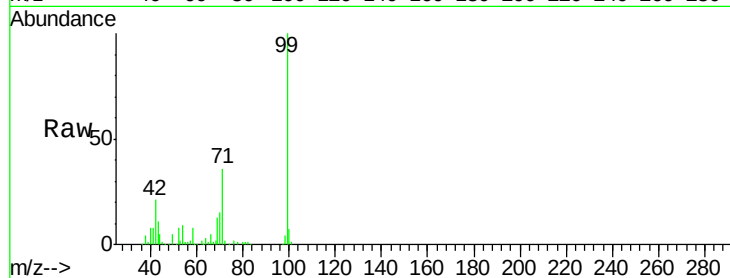
Tot Ion: 99 Resp: 198260

Ion Ratio Lower Upper

99 100

42 21.0 13.2 19.8#

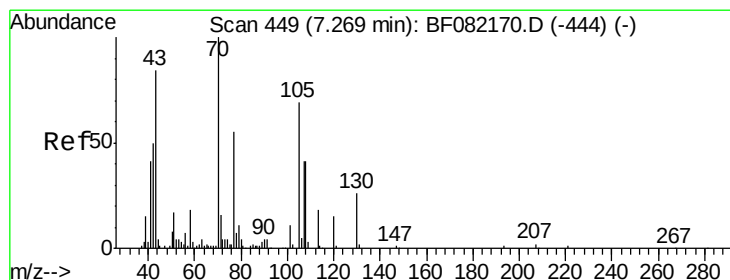
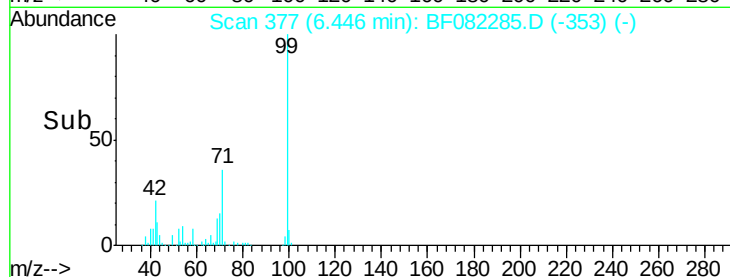
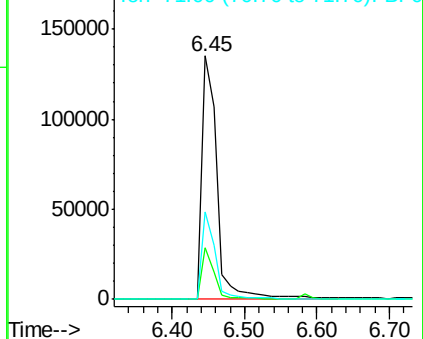
71 36.2 25.6 38.4



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: 4.75 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082285.D

Acq: 14 Oct 2015 18:12

Tgt Ion: 70 Resp: 48916

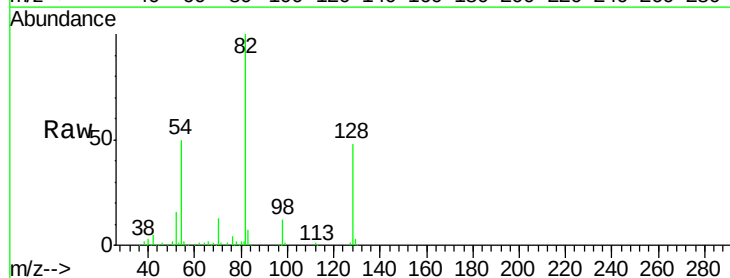
Ion Ratio Lower Upper

70 100

42 42.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

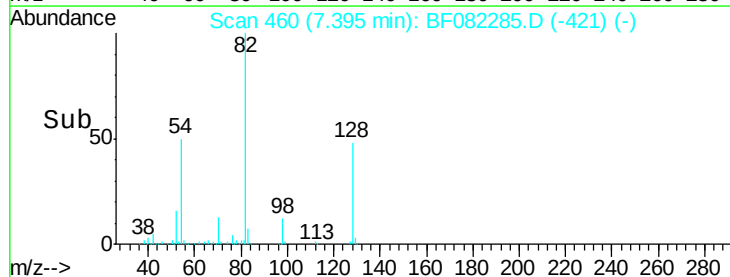
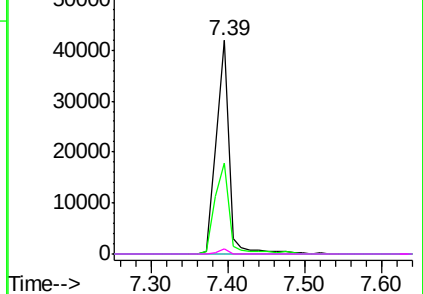


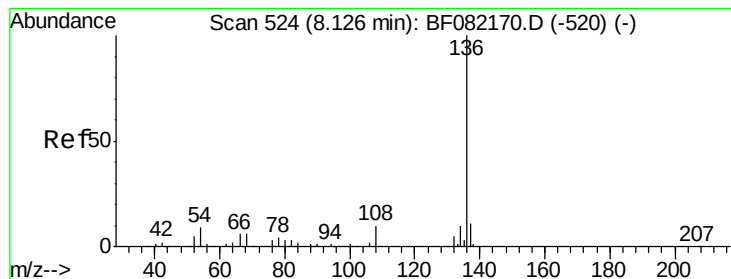
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF082285.D

Acq: 14 Oct 2015 18:12

Instrument :

BNA_F

ClientSampleId :

CS-11

Tot Ion:136 Resp: 303971

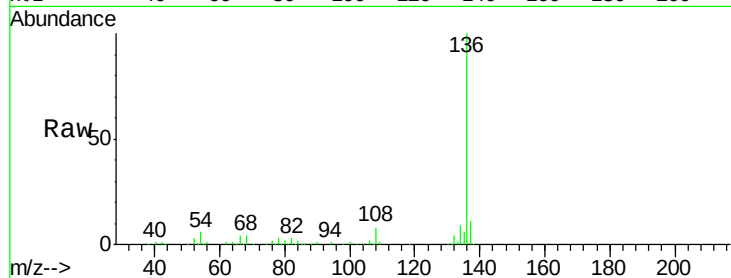
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 5.7 7.5 11.3#

68 4.0 4.6 7.0#

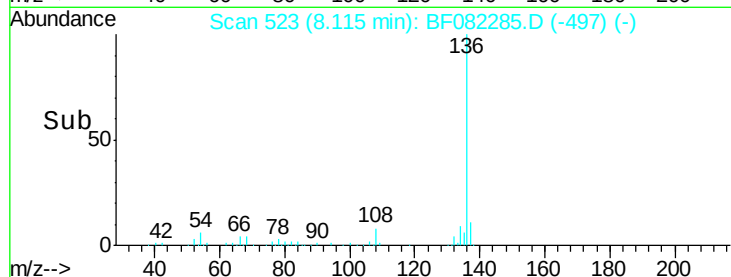


Abundance Ion 136.00 (135.70 to 136.70): E

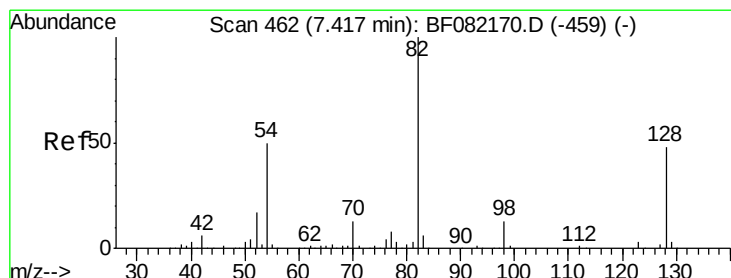
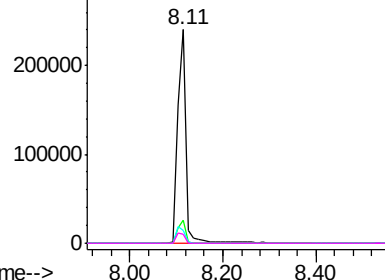
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.26 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF082285.D

Acq: 14 Oct 2015 18:12

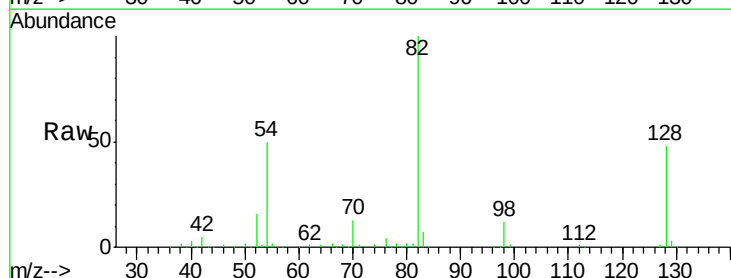
Tgt Ion: 82 Resp: 385911

Ion Ratio Lower Upper

82 100

128 47.7 38.7 58.1

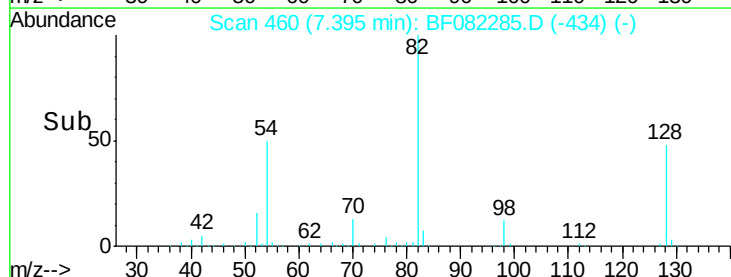
54 49.5 40.1 60.1



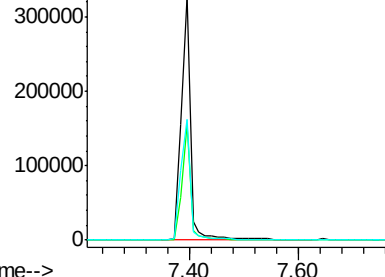
Abundance Ion 82.00 (81.70 to 82.70): BF0

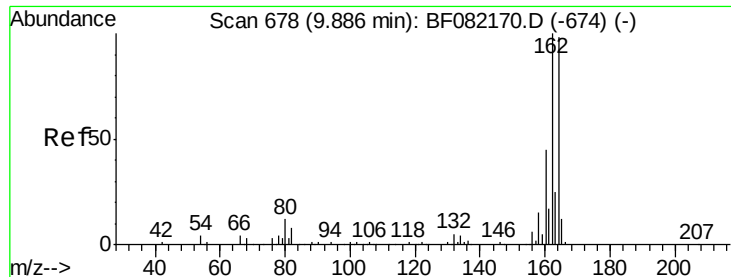
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082285.D

Acq: 14 Oct 2015 18:12

Instrument :

BNA_F

ClientSampleId :

CS-11

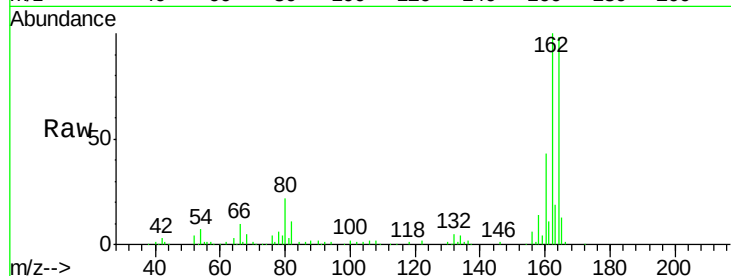
Tot Ion:164 Resp: 150605

Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

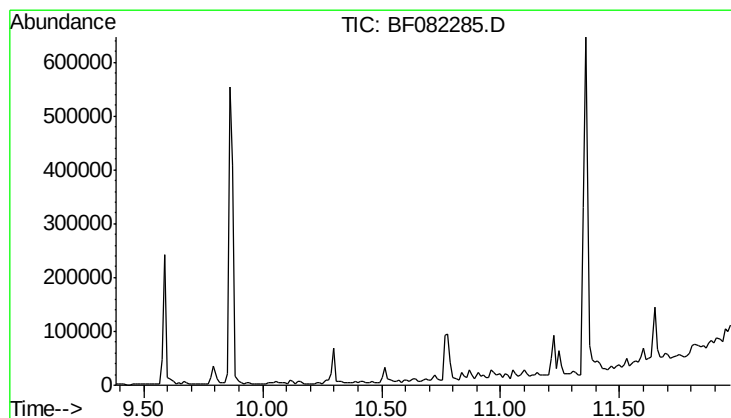
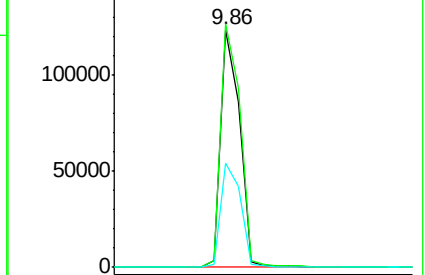
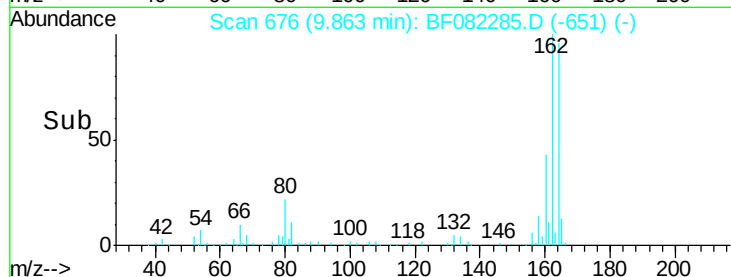
160 43.9 36.4 54.6



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: BF082285.D

Acq: 14 Oct 2015 18:12

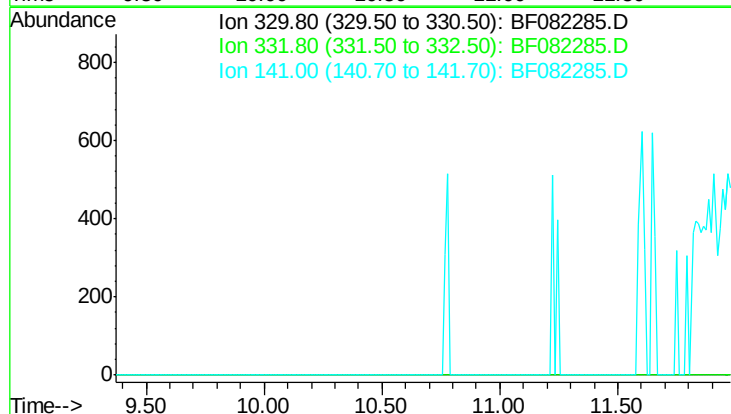
Tgt Ion: 330

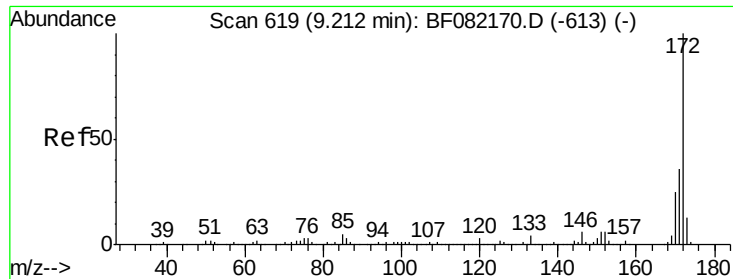
Sig Exp Ratio

330 100

332 96.4

141 37.3

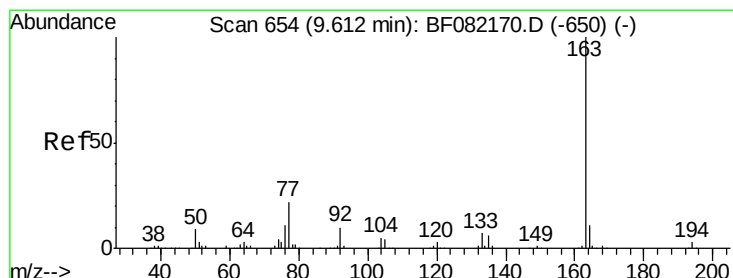
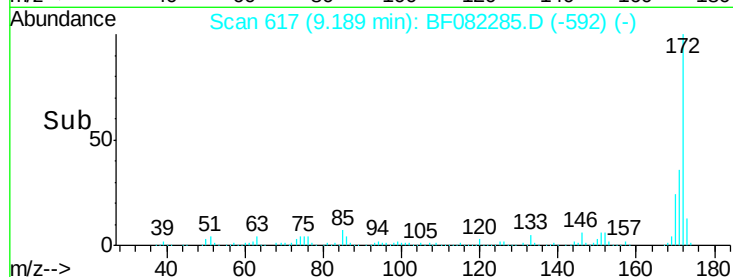
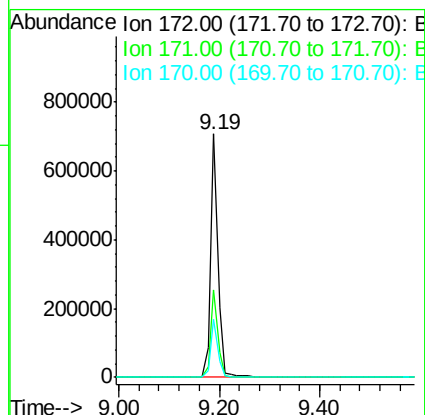
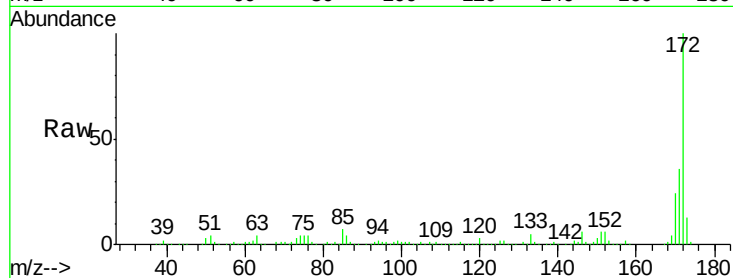




#44
2-Fluorobiphenyl
Concen: 79.85 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082285.D
Acq: 14 Oct 2015 18:12

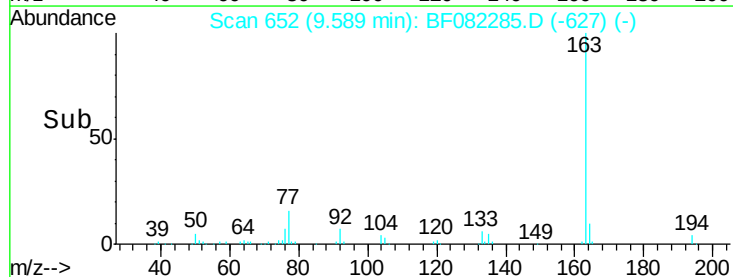
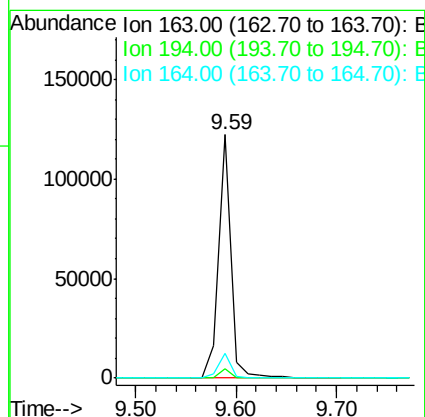
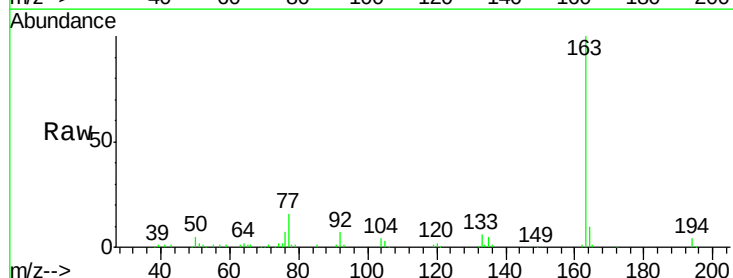
Instrument :
BNA_F
ClientSampleId :
CS-11

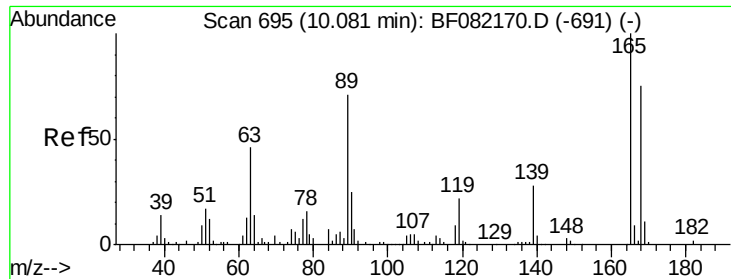
Tot Ion:172 Resp: 725147
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.0 19.7 29.5



#49
Dimethylphthalate
Concen: 9.84 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082285.D
Acq: 14 Oct 2015 18:12

Tgt Ion:163 Resp: 104348
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.5 12.7

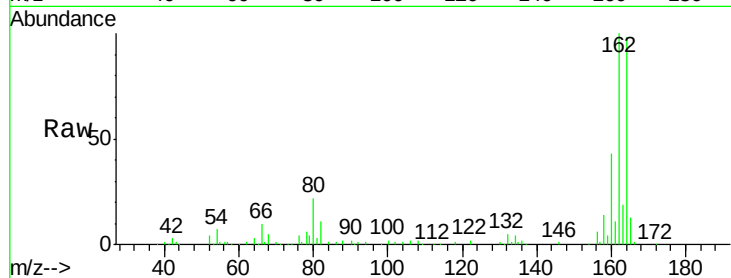




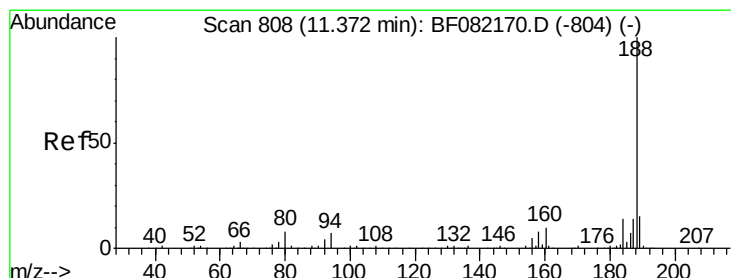
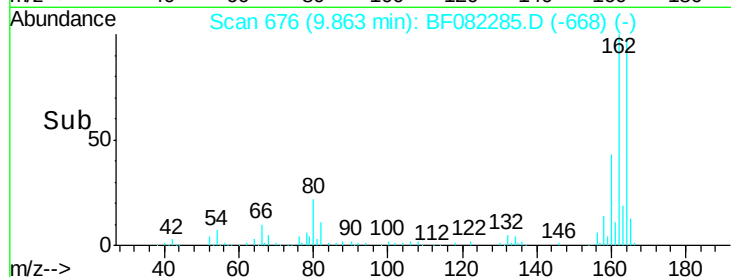
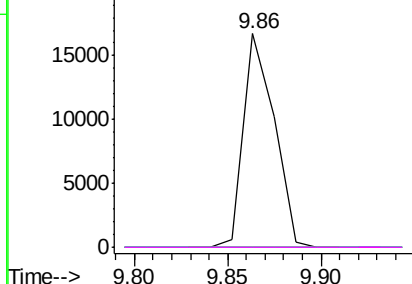
#56
 2,4-Dinitrotoluene
 Concen: 6.83 ng
 RT: 9.86 min Scan# 676
 Delta R.T. -0.21 min
 Lab File: BF082285.D
 Acq: 14 Oct 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 CS-11

Tot Ion:165 Resp: 19112
 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#

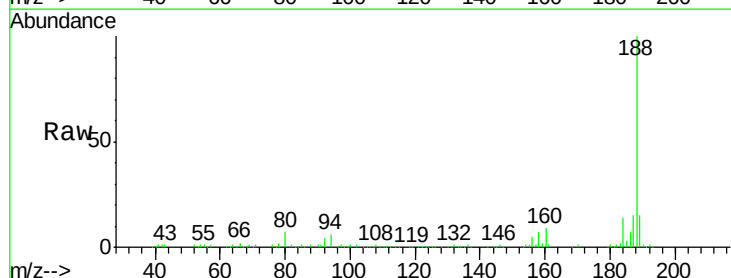


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

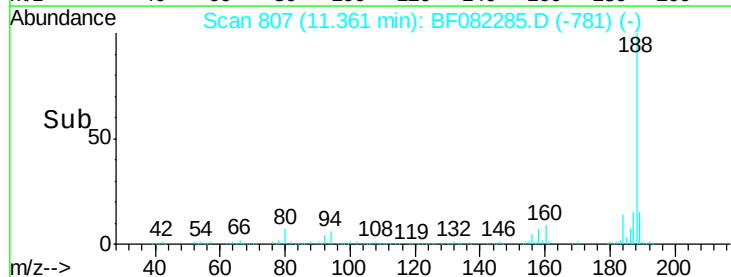
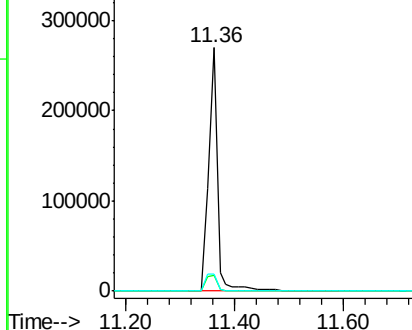


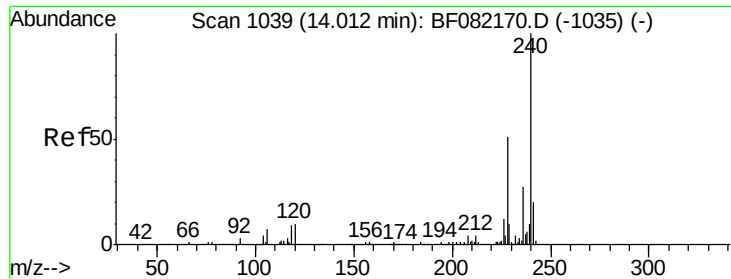
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF082285.D
 Acq: 14 Oct 2015 18:12

Tgt Ion:188 Resp: 304629
 Ion Ratio Lower Upper
 188 100
 94 6.5 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: 14.04 min Scan# 1041

Delta R.T. -0.09 min

Lab File: BF082285.D

Acq: 14 Oct 2015 18:12

Instrument :

BNA_F

ClientSampleId :

CS-11

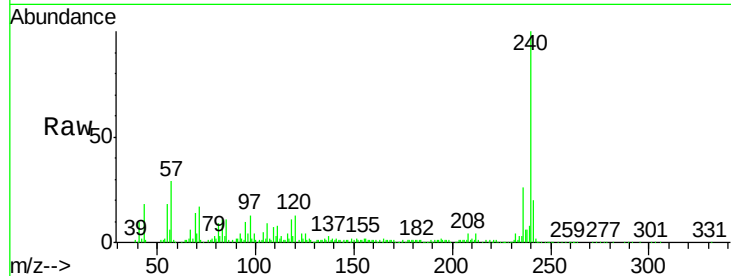
Tot Ion:240 Resp: 238206

Ion Ratio Lower Upper

240 100

120 12.9 8.1 12.1#

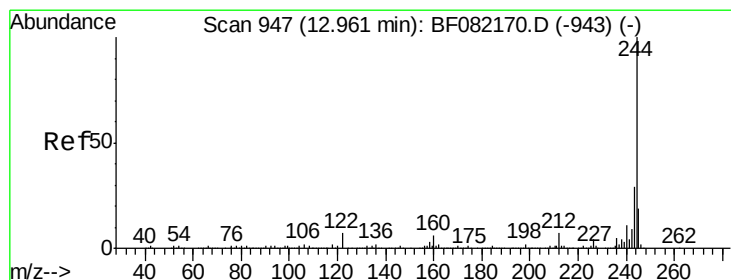
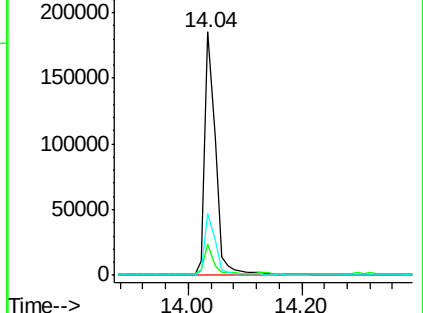
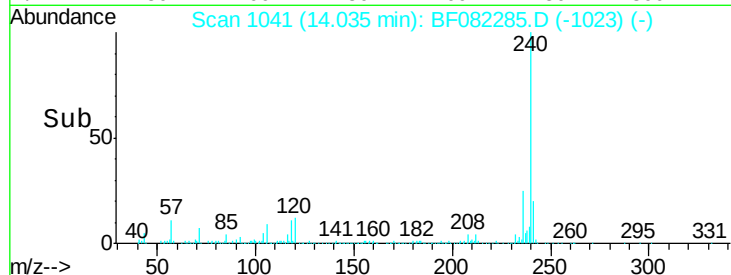
236 25.6 21.3 31.9



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: 83.40 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.03 min

Lab File: BF082285.D

Acq: 14 Oct 2015 18:12

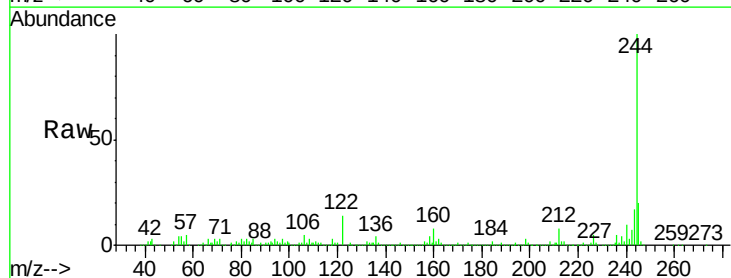
Tgt Ion:244 Resp: 749662

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

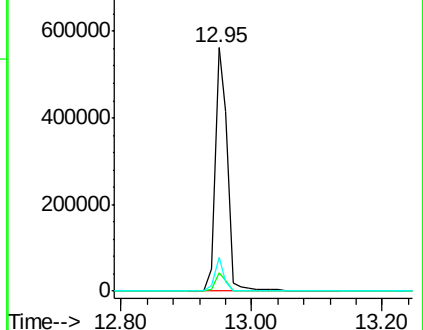
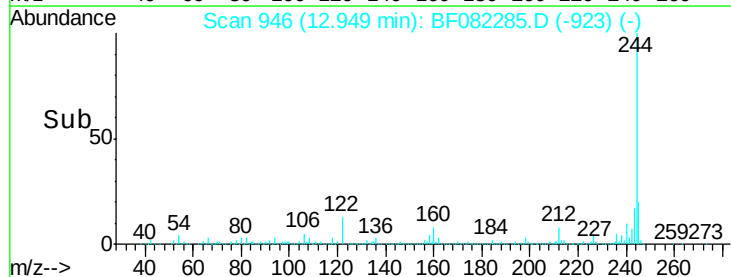
122 13.6 5.9 8.9#

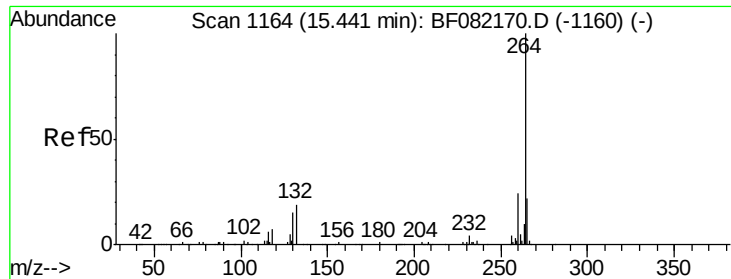


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 1174
 Delta R.T. -0.18 min
 Lab File: BF082285.D
 Acq: 14 Oct 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 CS-11

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	19.0	28.6	
265	22.7	17.3	25.9	

