

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082289.D
 Acq On : 14 Oct 2015 20:07
 Operator : UM/IZ
 Sample : G4016-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-6

Quant Time: Oct 15 01:49:30 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

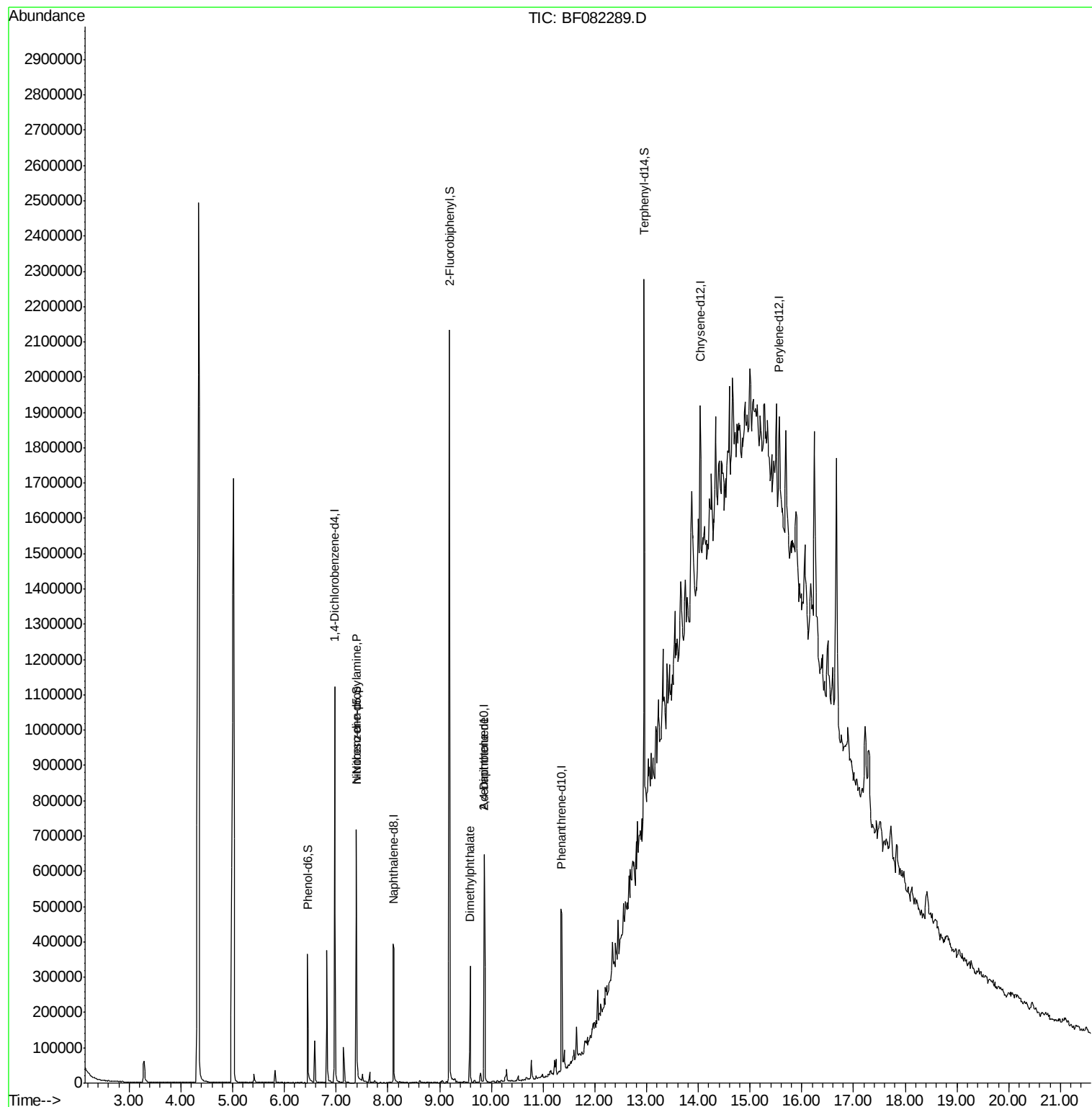
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	205954	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	302002	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	154358	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	295600	20.00	ng	0.00
75) Chrysene-d12	14.04	240	207236	20.00	ng	-0.09
86) Perylene-d12	15.57	264	162542	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	11734	1.15	ng	0.01
7) Phenol-d6	6.45	99	162805	12.26	ng	-0.02
23) Nitrobenzene-d5	7.39	82	334097	74.29	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	263	0.18	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	680278	73.09	ng	-0.01
78) Terphenyl-d14	12.95	244	616418	78.82	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	42904	4.60	ng	# 78
49) Dimethylphthalate	9.59	163	151578	13.95	ng	98
56) 2,4-Dinitrotoluene	9.86	165	19534	6.81	ng	# 21

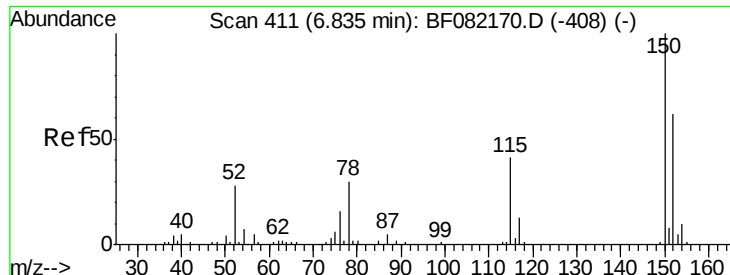
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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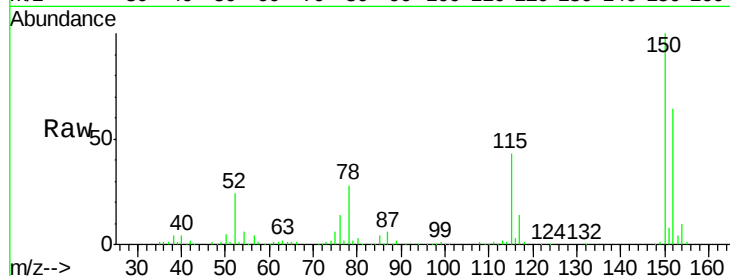




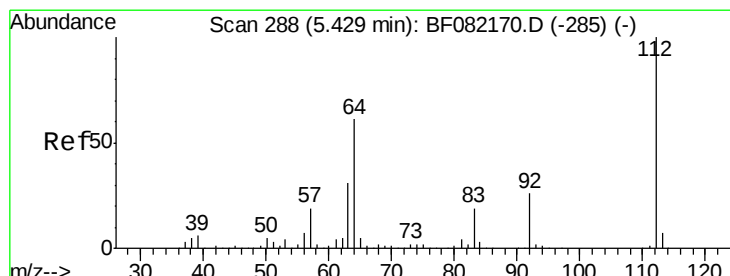
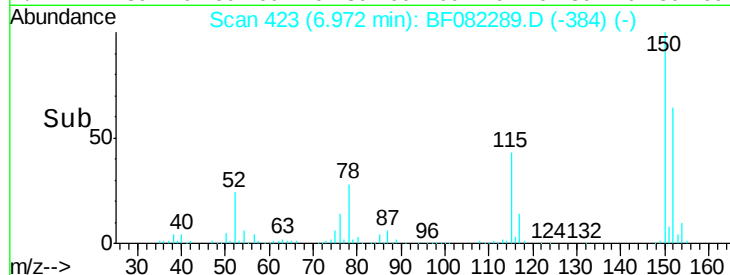
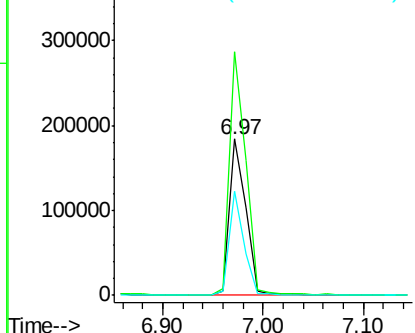
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.15 min
 Lab File: BF082289.D
 Acq: 14 Oct 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 CS-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.0	193.4
115	66.2	52.1	78.1

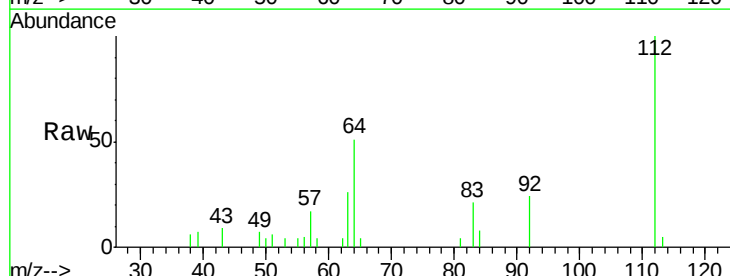


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

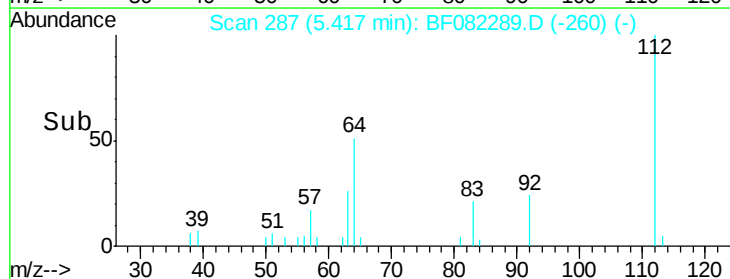
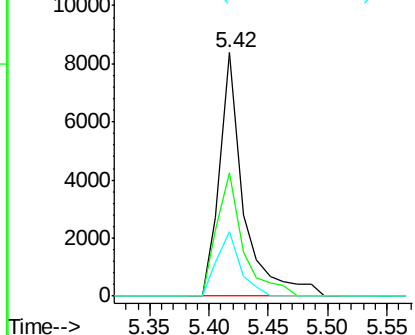


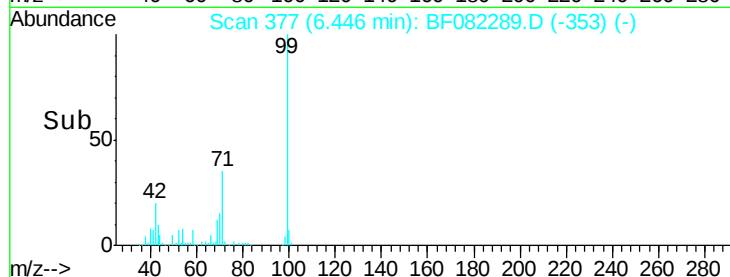
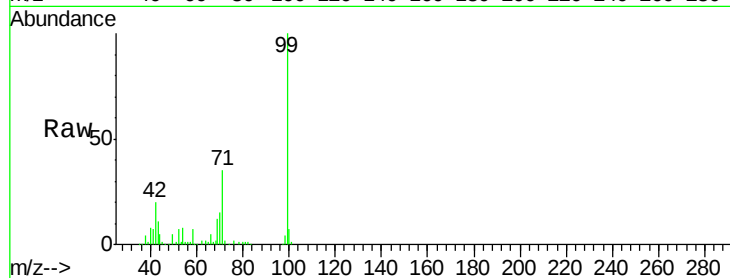
#5
 2-Fluorophenol
 Concen: 1.15 ng
 RT: 5.42 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF082289.D
 Acq: 14 Oct 2015 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	48.6	73.0
63	26.2	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: 12.26 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF082289.D

Acq: 14 Oct 2015 20:07

Instrument :

BNA_F

ClientSampleId :

CS-6

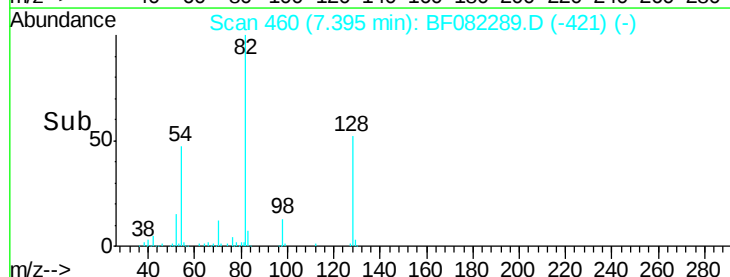
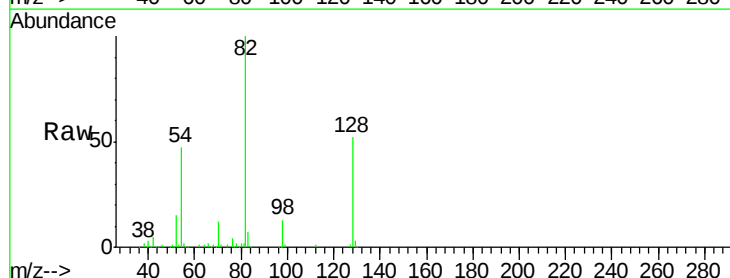
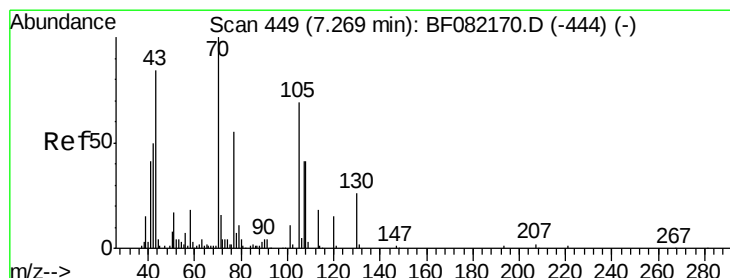
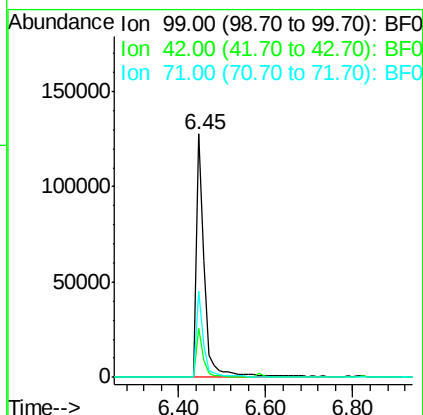
Tot Ion: 99 Resp: 162805

Ion Ratio Lower Upper

99 100

42 20.1 13.2 19.8#

71 35.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.60 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082289.D

Acq: 14 Oct 2015 20:07

Tgt Ion: 70 Resp: 42904

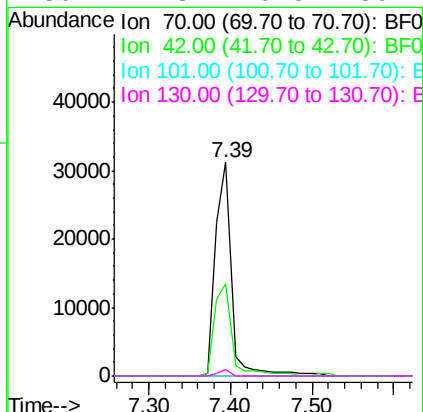
Ion Ratio Lower Upper

70 100

42 43.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.8 20.5 30.7#

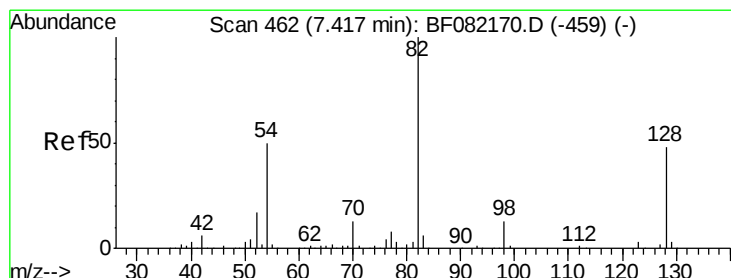
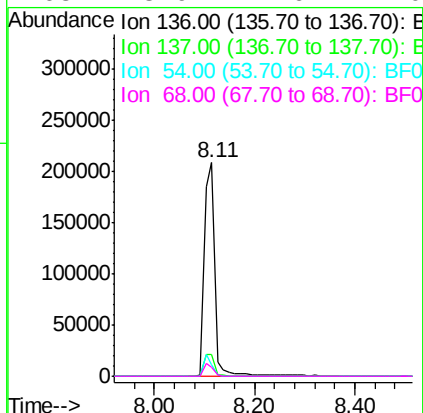
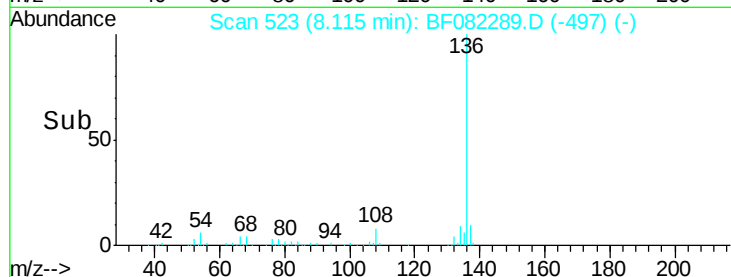
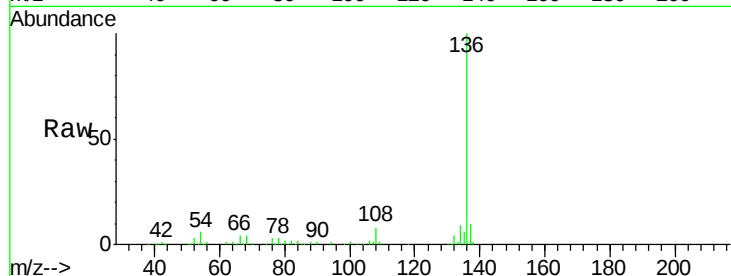




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082289.D
Acq: 14 Oct 2015 20:07

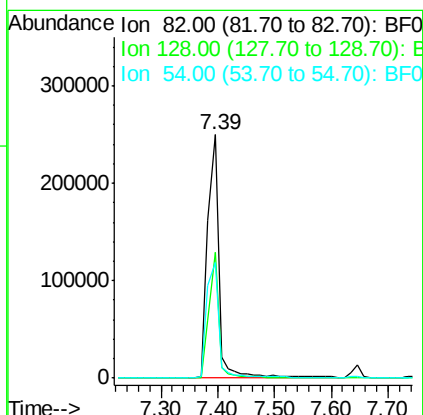
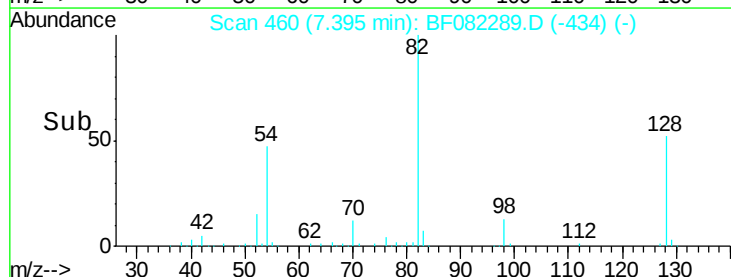
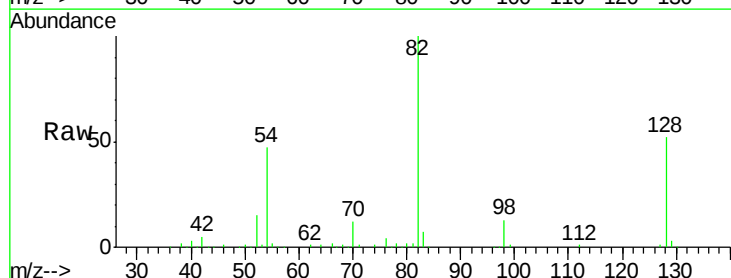
Instrument :
BNA_F
ClientSampleId :
CS-6

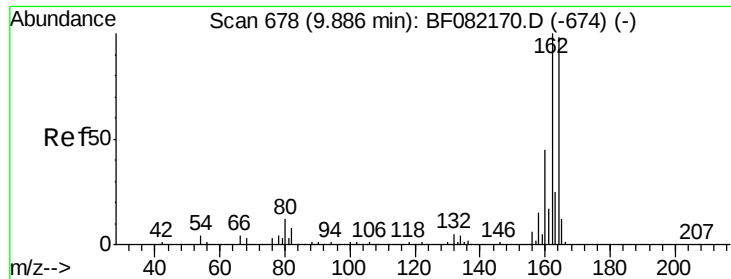
Tot Ion:136	Resp:	302002
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.0 13.6
54	5.6	7.5 11.3#
68	3.9	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 74.29 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF082289.D
Acq: 14 Oct 2015 20:07

Tgt Ion: 82	Resp:	334097
Ion Ratio	Lower	Upper
82	100	
128	51.9	38.7 58.1
54	47.2	40.1 60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082289.D

Acq: 14 Oct 2015 20:07

Instrument :

BNA_F

ClientSampleId :

CS-6

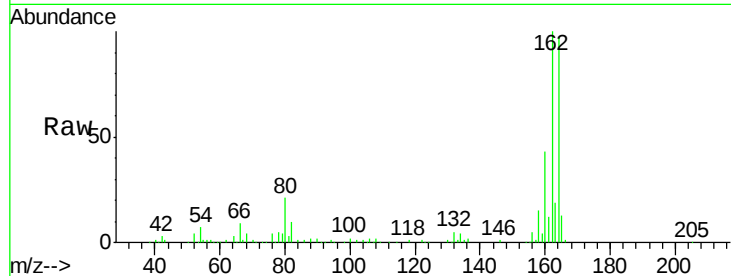
Tot Ion:164 Resp: 154358

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

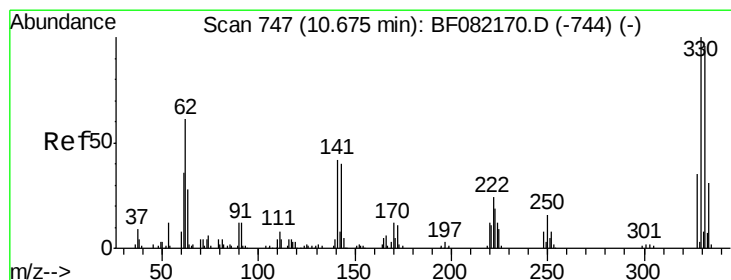
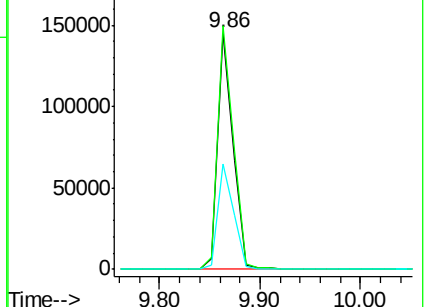
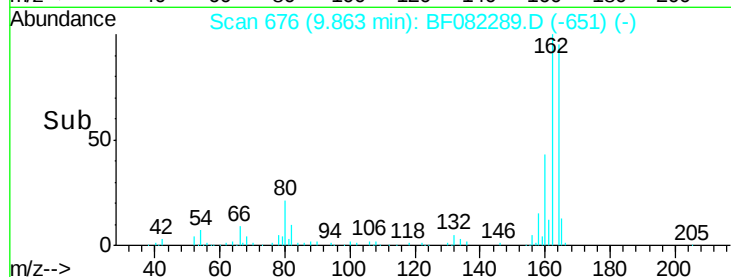
160 44.8 36.4 54.6



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: 0.18 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082289.D

Acq: 14 Oct 2015 20:07

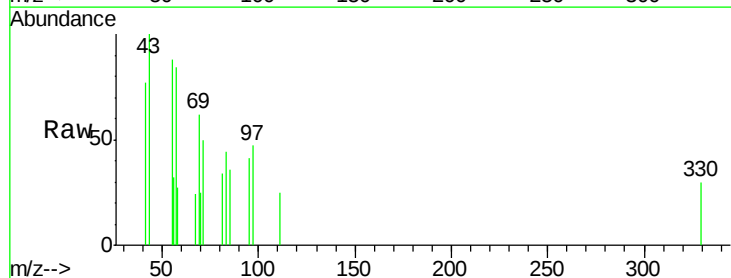
Tgt Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 0.0 77.1 115.7#

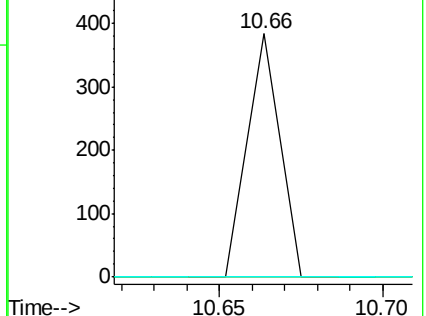
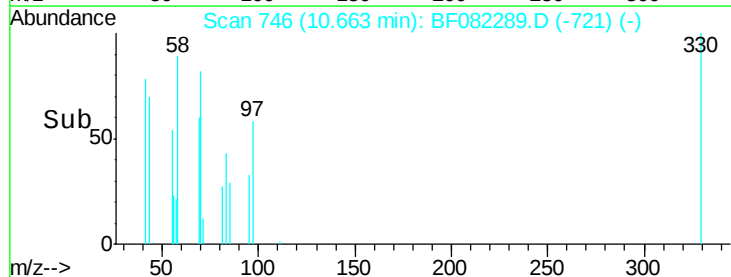
141 0.0 29.8 44.8#

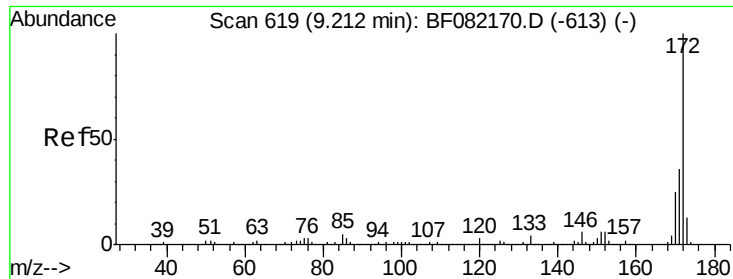


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

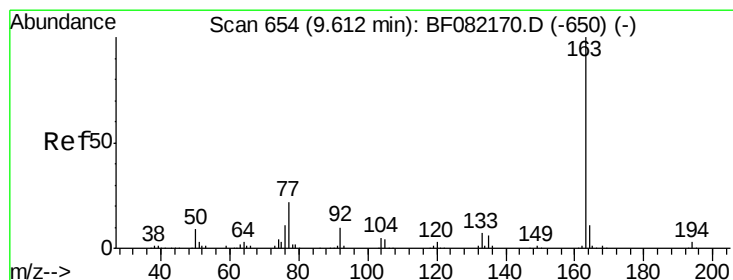
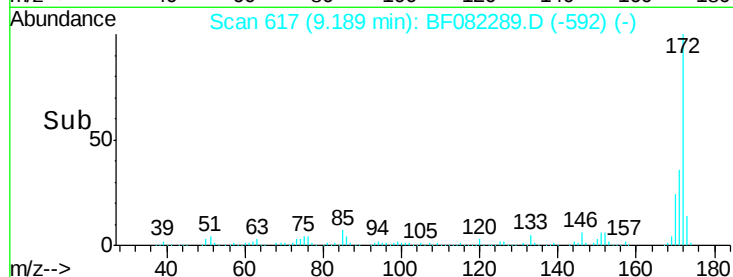
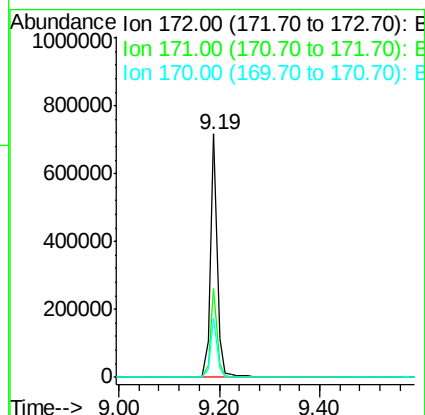
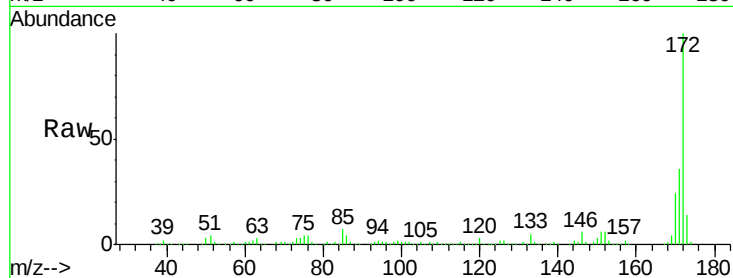




#44
2-Fluorobiphenyl
Concen: 73.09 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082289.D
Acq: 14 Oct 2015 20:07

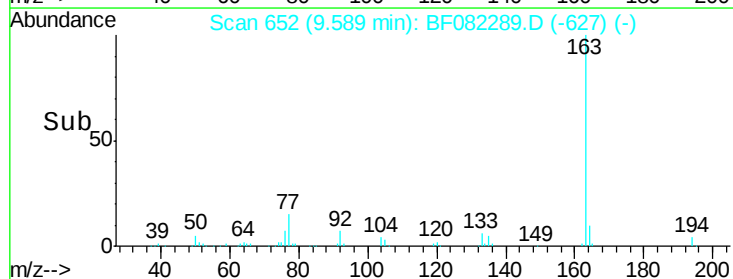
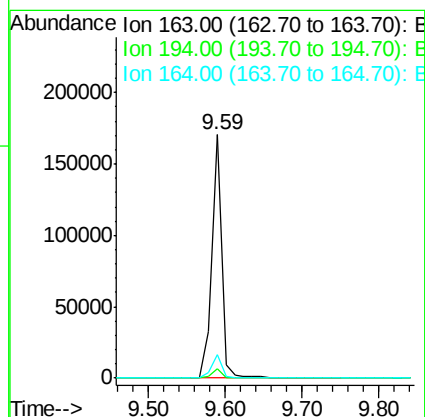
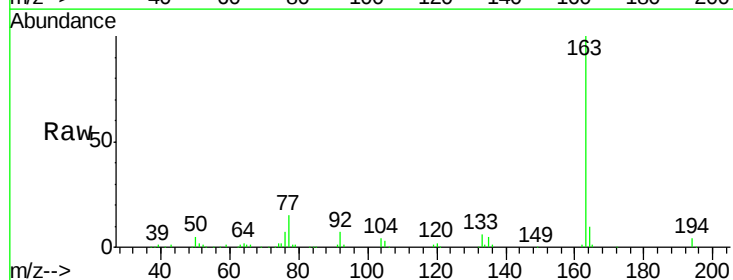
Instrument :
BNA_F
ClientSampled :
CS-6

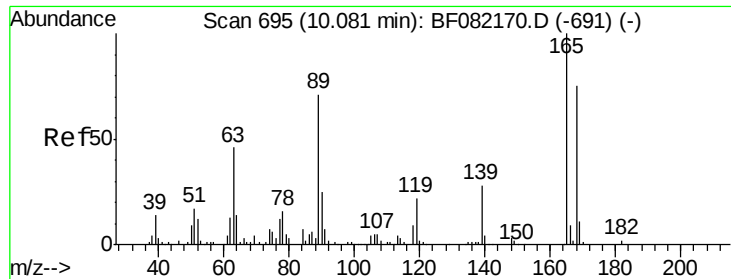
Tot Ion:172 Resp: 680278
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.5 19.7 29.5



#49
Dimethylphthalate
Concen: 13.95 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082289.D
Acq: 14 Oct 2015 20:07

Tgt Ion:163 Resp: 151578
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.5 8.5 12.7

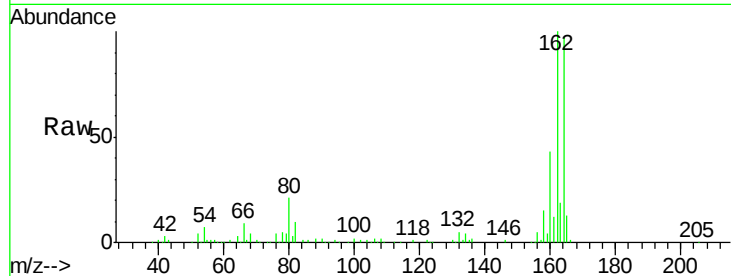




#56
 2,4-Dinitrotoluene
 Concen: 6.81 ng
 RT: 9.86 min Scan# 676
 Delta R.T. -0.21 min
 Lab File: BF082289.D
 Acq: 14 Oct 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 CS-6

Tot Ion:165	Resp:	19534
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#

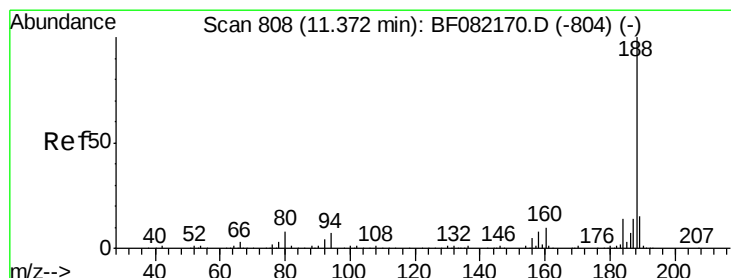
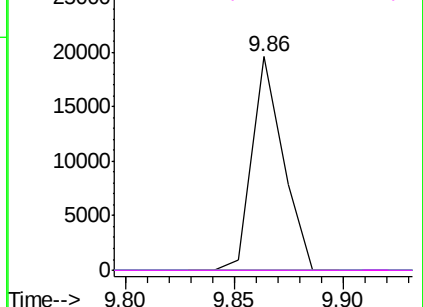
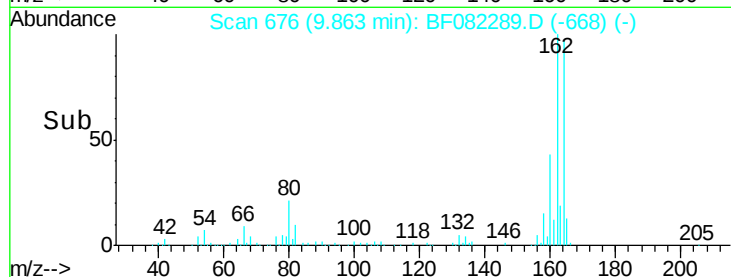


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

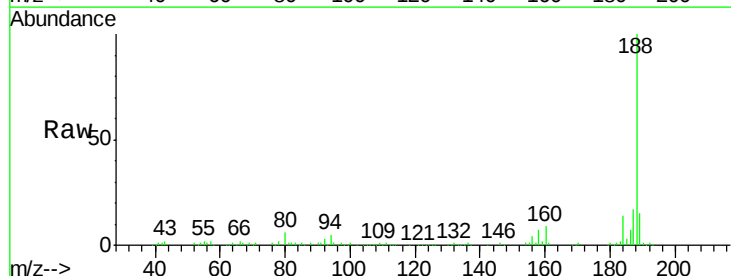
Ion 89.00 (88.70 to 89.70): BF0

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: BF082289.D
 Acq: 14 Oct 2015 20:07

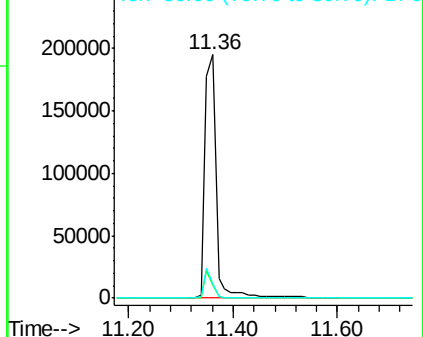
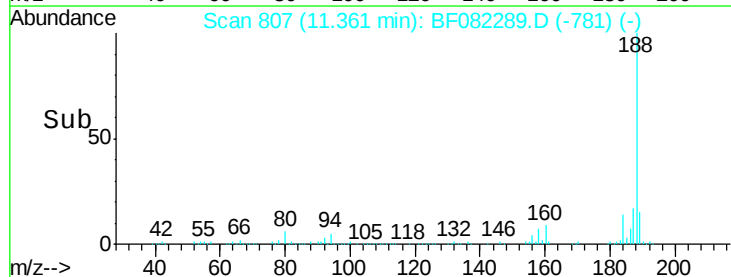
Tgt Ion:188	Resp:	295600
Ion Ratio	Lower	Upper
188	100	
94	5.4	5.8 8.6#
80	5.9	6.4 9.6#

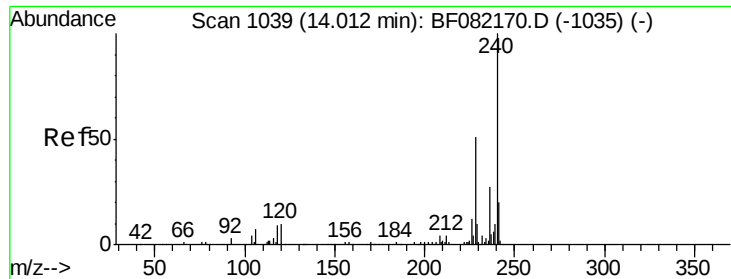


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082289.D

Acq: 14 Oct 2015 20:07

Instrument :

BNA_F

ClientSampleId :

CS-6

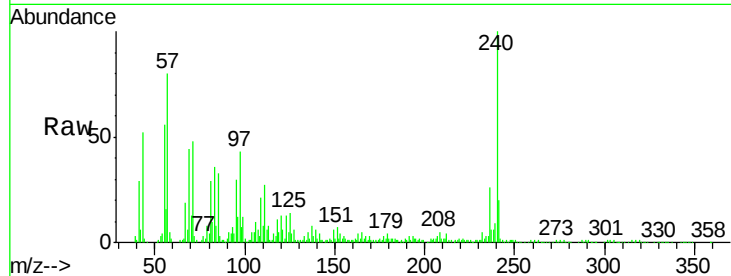
Tot Ion:240 Resp: 207236

Ion Ratio Lower Upper

240 100

120 13.2 8.1 12.1#

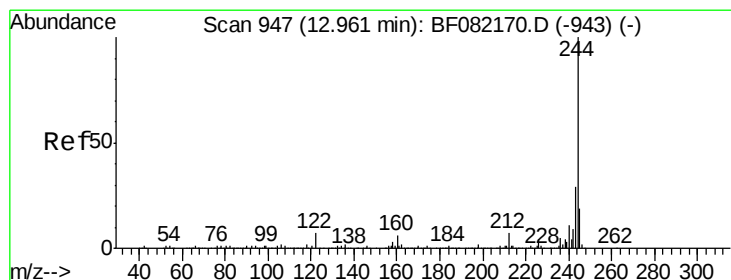
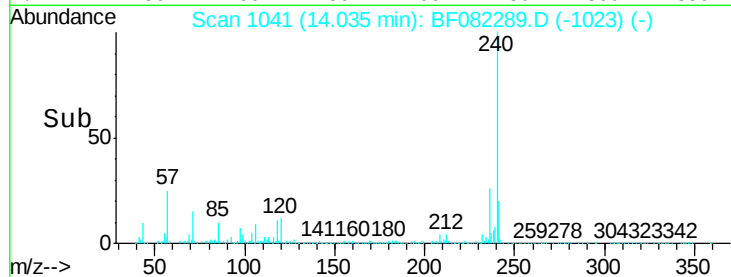
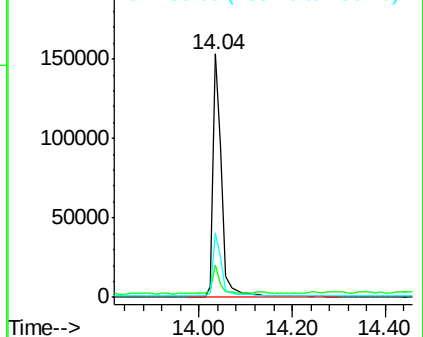
236 26.4 21.3 31.9



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: 78.82 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.03 min

Lab File: BF082289.D

Acq: 14 Oct 2015 20:07

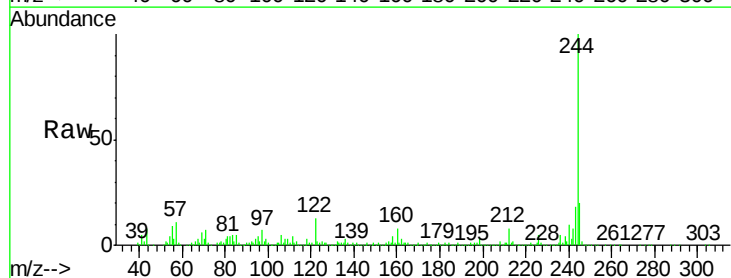
Tgt Ion:244 Resp: 616418

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

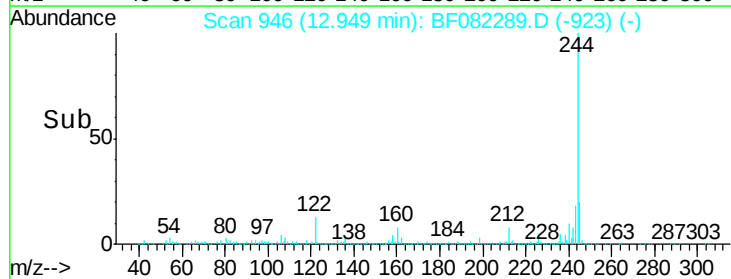
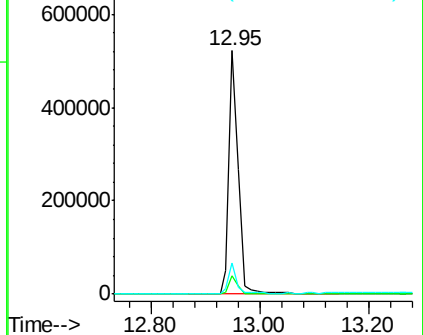
122 12.9 5.9 8.9#

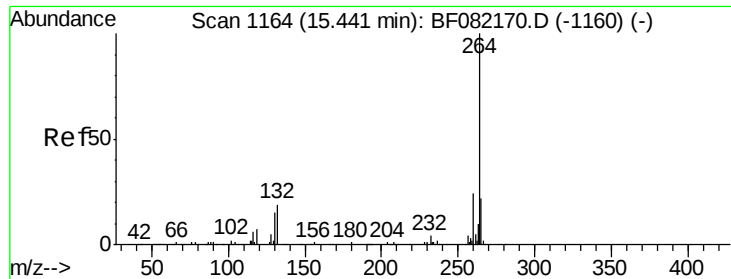


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

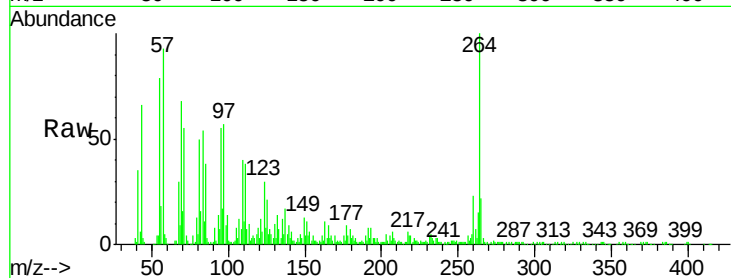




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.17 min
Lab File: BF082289.D
Acq: 14 Oct 2015 20:07

Instrument :
BNA_F
ClientSampleId :
CS-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.9	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

