

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087956.D
 Acq On : 12 Jun 2016 19:03
 Operator : UM/SJ
 Sample : H3490-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-10

Quant Time: Jun 13 15:28:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

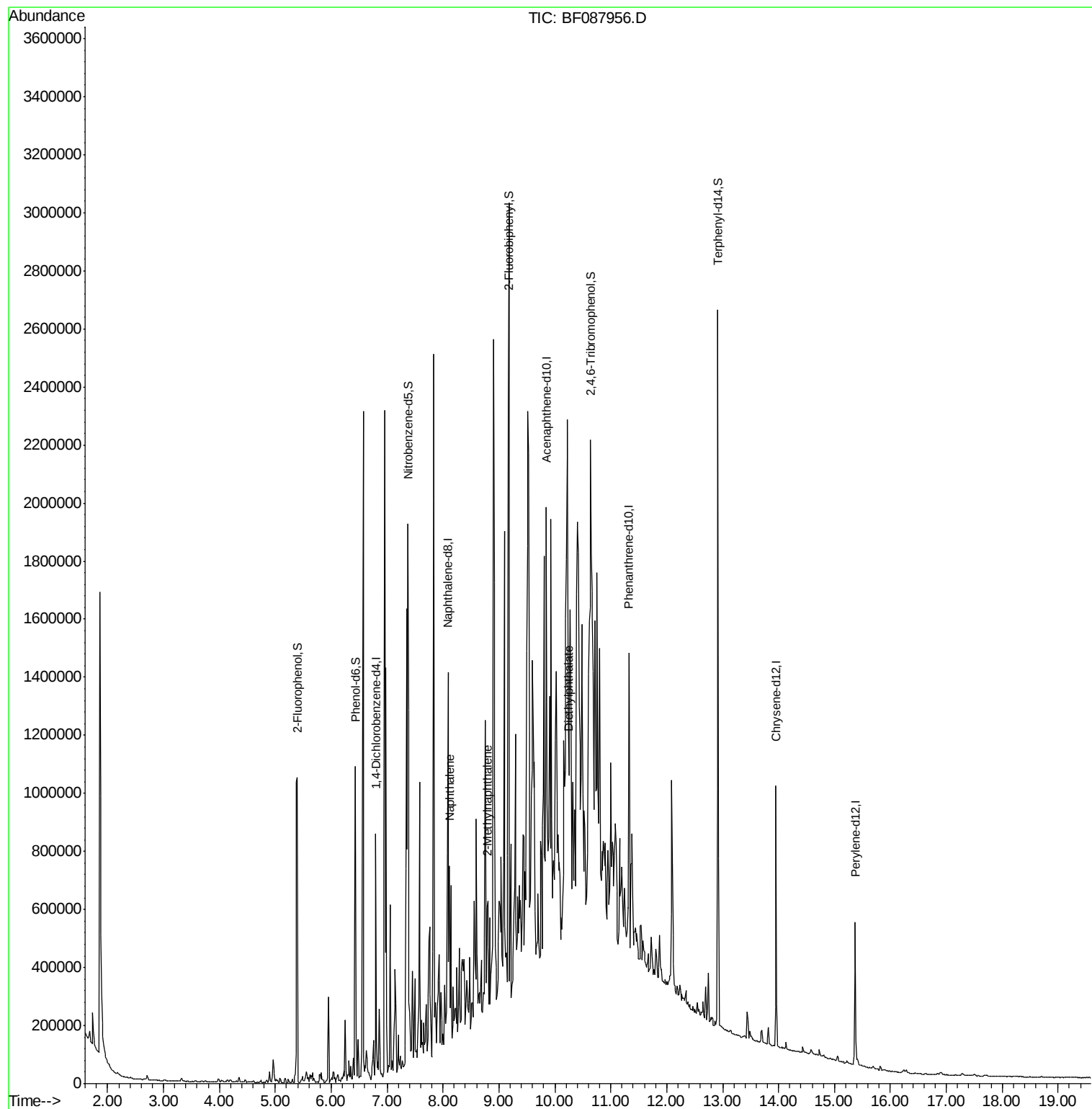
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114822	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	474162	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	209580	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	372982	20.00	ng	0.00
75) Chrysene-d12	13.95	240	292882	20.00	ng	-0.01
86) Perylene-d12	15.37	264	247112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	477625	71.11	ng	0.01
7) Phenol-d6	6.43	99	396896	48.76	ng	-0.01
23) Nitrobenzene-d5	7.37	82	584874	72.03	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	225799	102.04	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1175077	88.29	ng	0.00
78) Terphenyl-d14	12.91	244	900638	69.98	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	93635	3.99	ng	# 66
37) 2-Methylnaphthalene	8.80	142	116038	7.50	ng	# 95
59) Diethylphthalate	10.25	149	93283	6.07	ng	# 54

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

Instrument :

BNA_F

ClientSampleId :

W-10

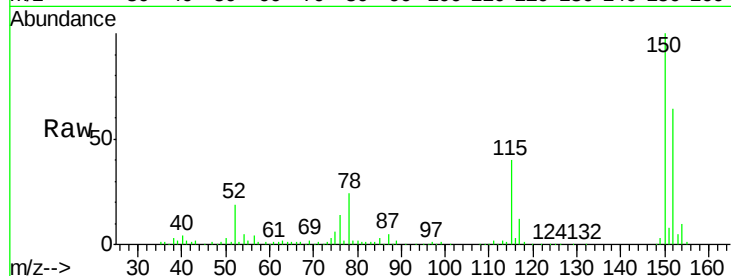
Tot Ion:152 Resp: 114822

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

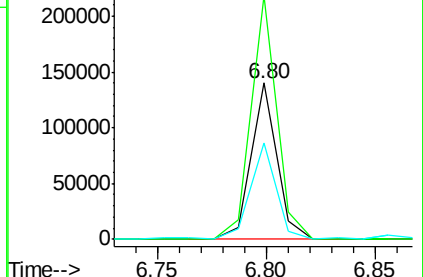
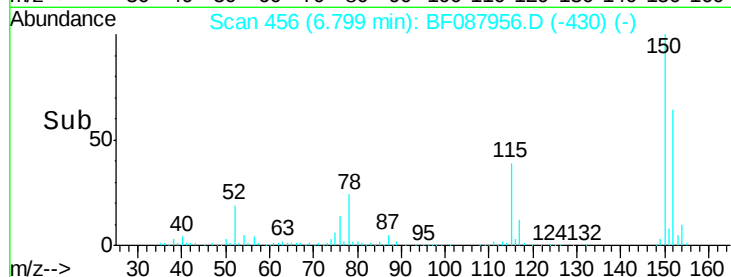
115 61.9 39.6 59.4#



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: 71.11 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

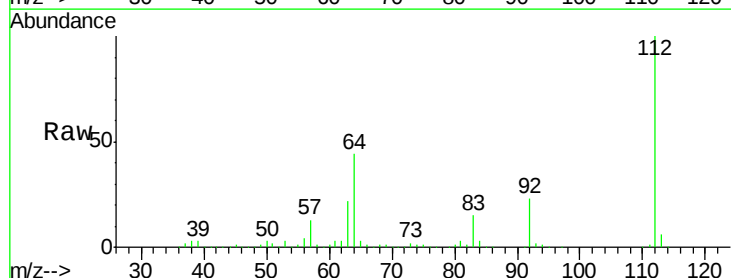
Tgt Ion:112 Resp: 477625

Ion Ratio Lower Upper

112 100

64 43.5 42.2 63.2

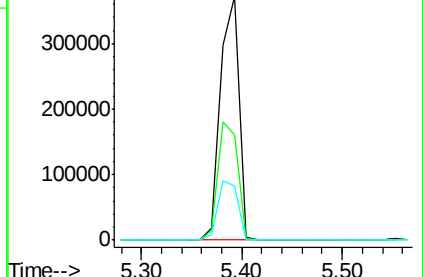
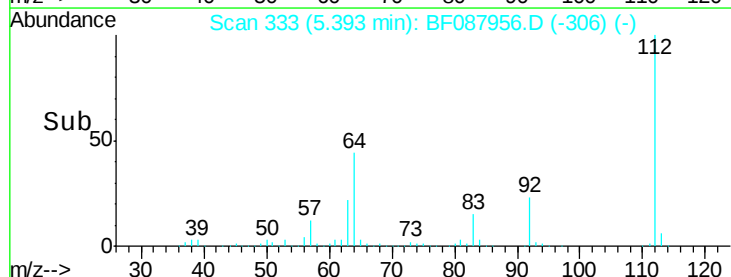
63 22.1 21.8 32.8



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: 48.76 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

Instrument :

BNA_F

ClientSampled :

W-10

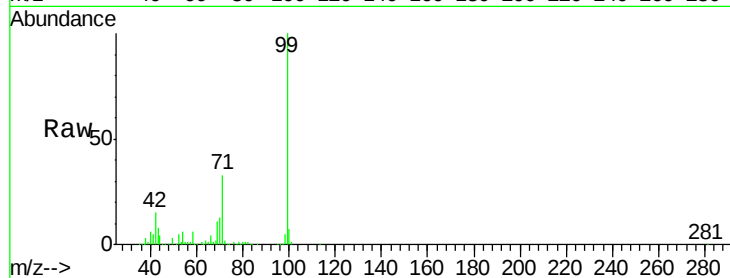
Tot Ion: 99 Resp: 396896

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

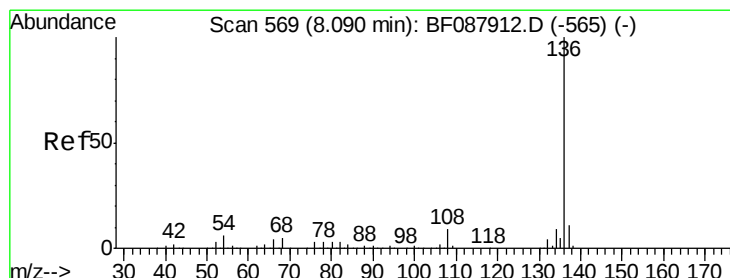
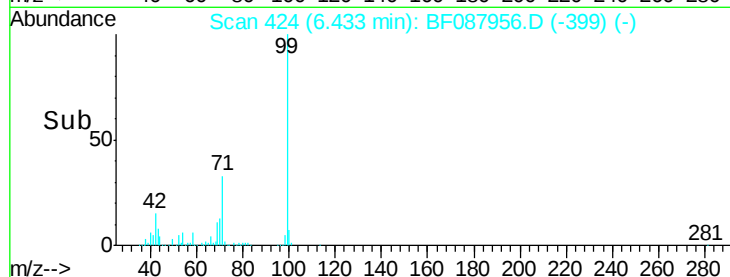
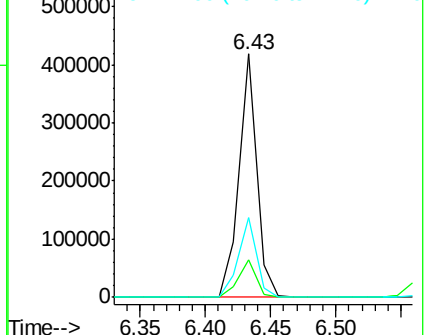
71 32.7 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

Tgt Ion: 136 Resp: 474162

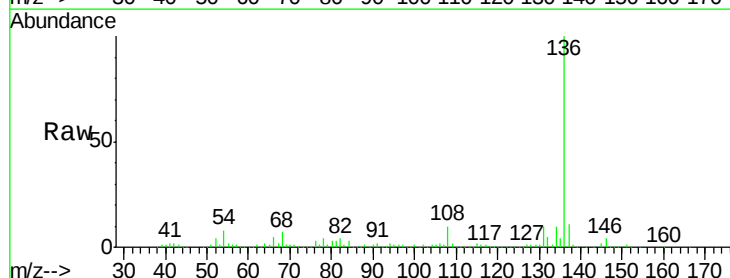
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 6.6 10.0

68 6.6 5.1 7.7

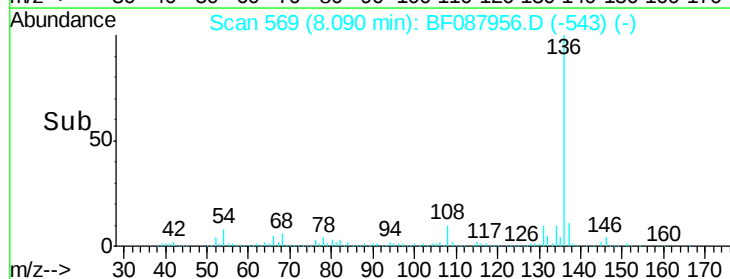
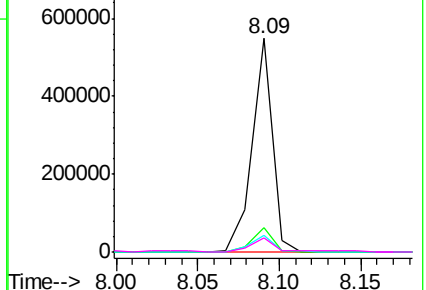


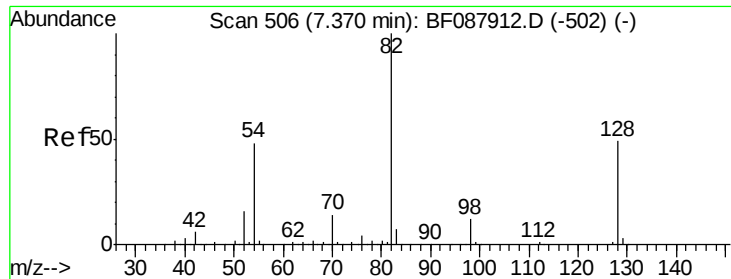
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.03 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

Instrument :

BNA_F

ClientSampleId :

W-10

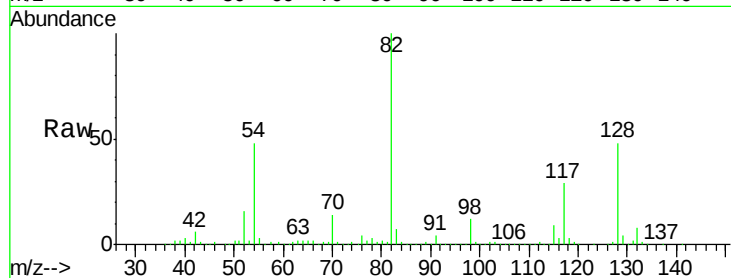
Tot Ion: 82 Resp: 584874

Ion Ratio Lower Upper

82 100

128 48.2 35.9 53.9

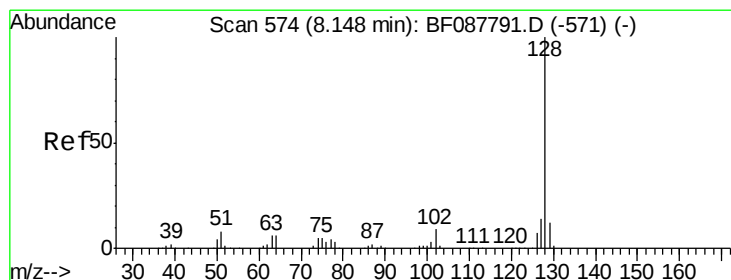
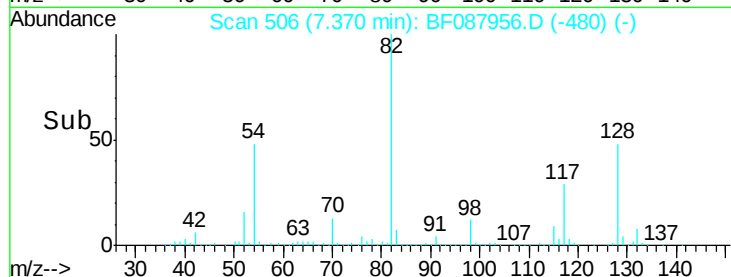
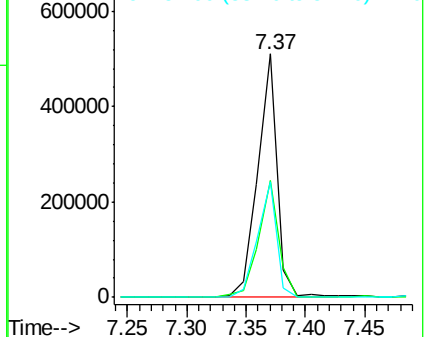
54 47.7 40.9 61.3



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



#31

Naphthalene

Concen: 3.99 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

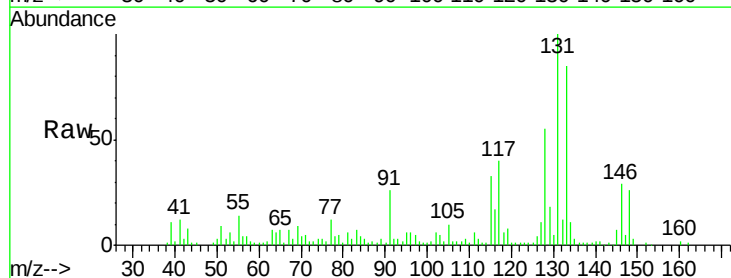
Tgt Ion:128 Resp: 93635

Ion Ratio Lower Upper

128 100

129 32.6 9.4 14.2#

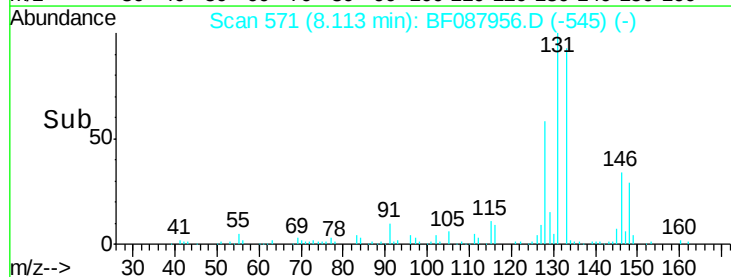
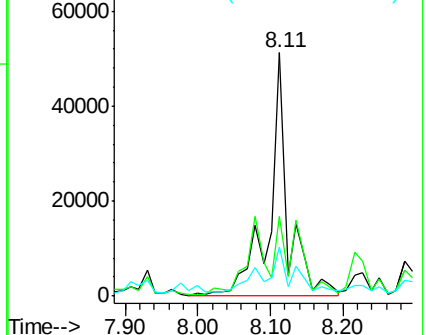
127 20.1 10.9 16.3#

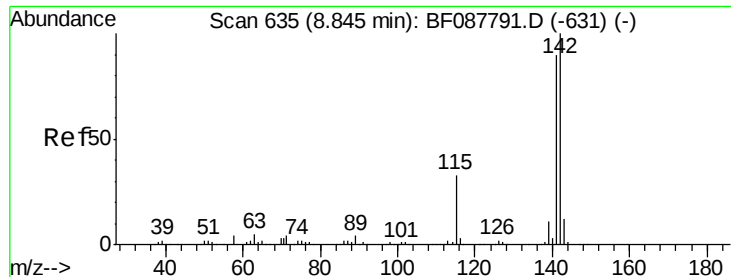


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

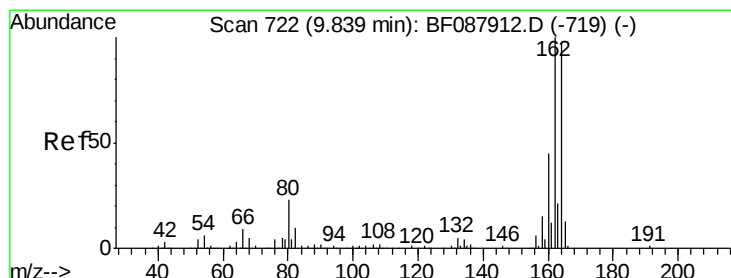
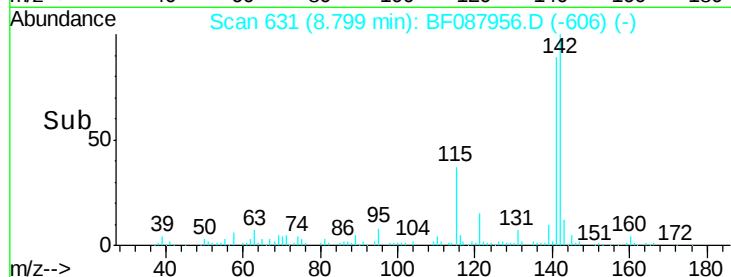
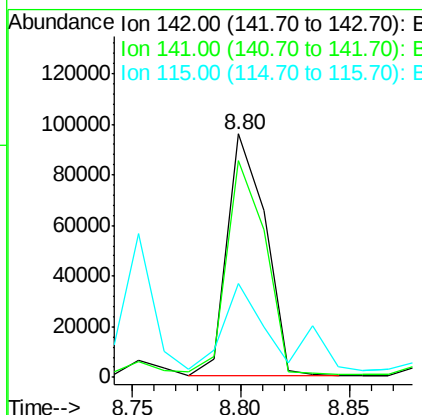
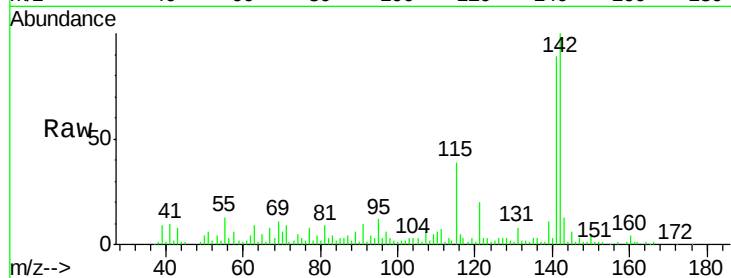




#37
2-Methylnaphthalene
Concen: 7.50 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF087956.D
Acq: 12 Jun 2016 19:03

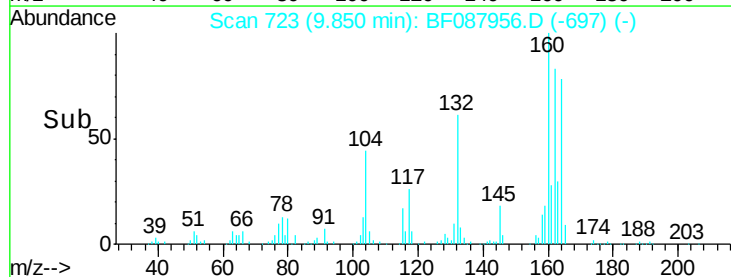
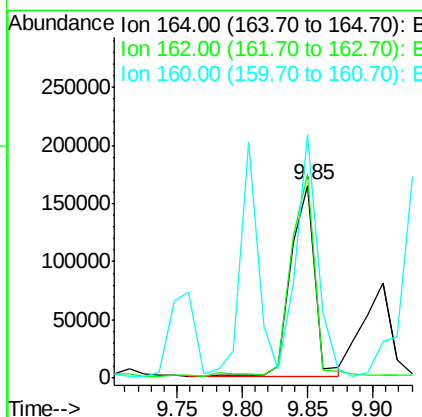
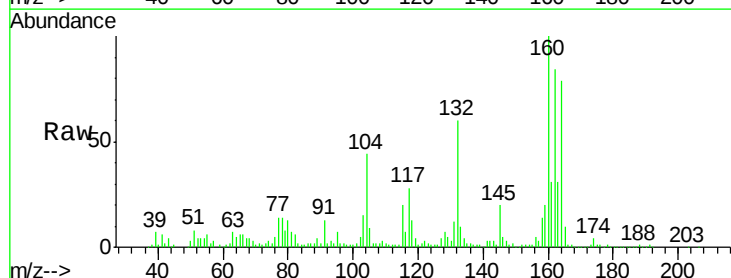
Instrument :
BNA_F
ClientSampleId :
W-10

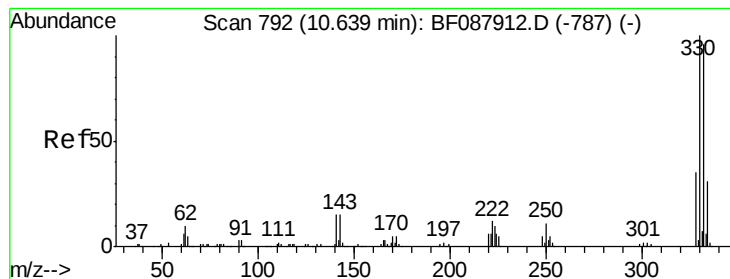
Tot Ion:142 Resp: 116038
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 38.6 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF087956.D
Acq: 12 Jun 2016 19:03

Tgt Ion:164 Resp: 209580
Ion Ratio Lower Upper
164 100
162 106.0 85.4 128.2
160 126.2 39.5 59.3#

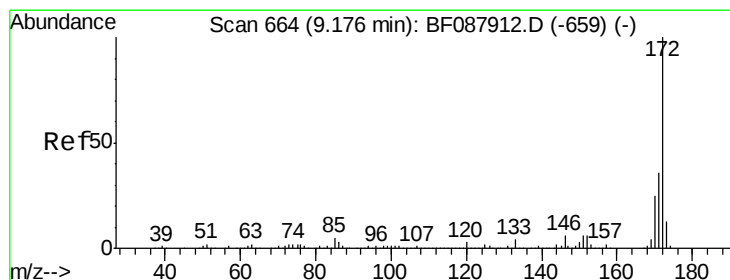
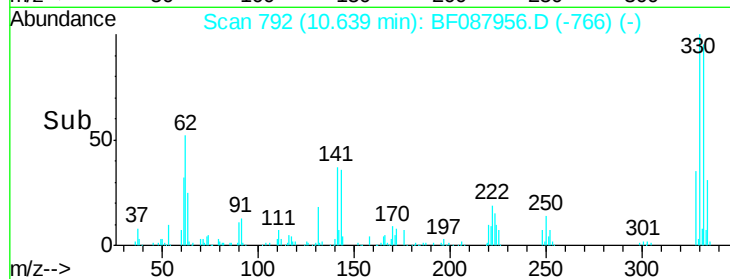
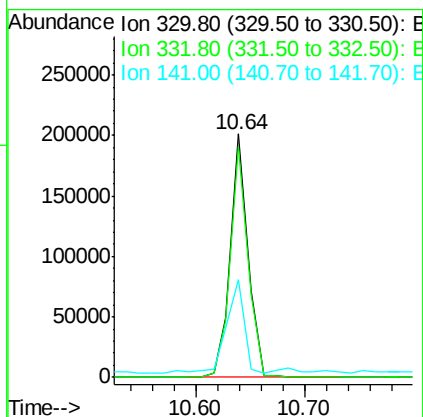
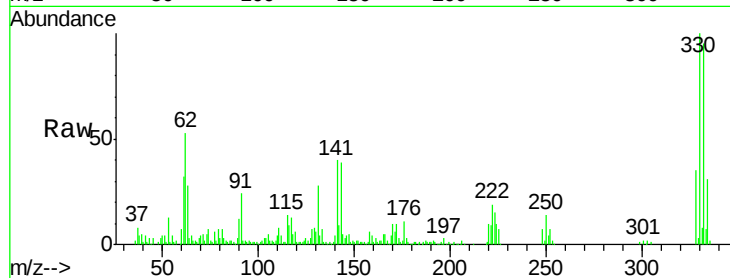




#41
 2,4,6-Tribromophenol
 Concen: 102.04 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087956.D
 Acq: 12 Jun 2016 19:03

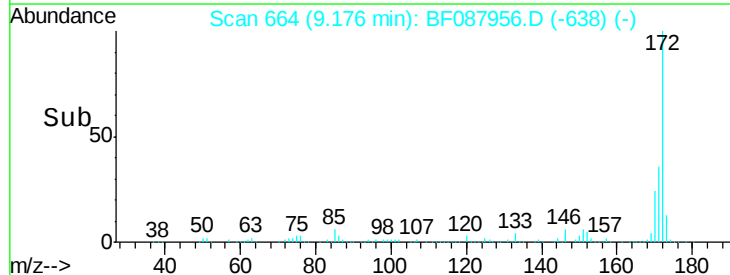
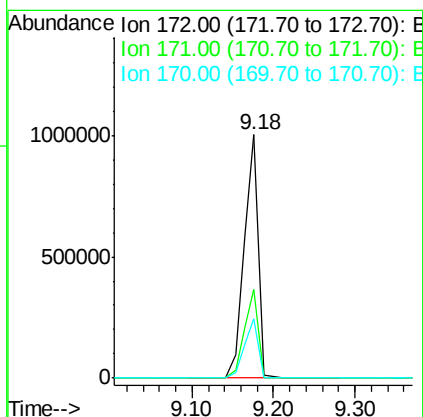
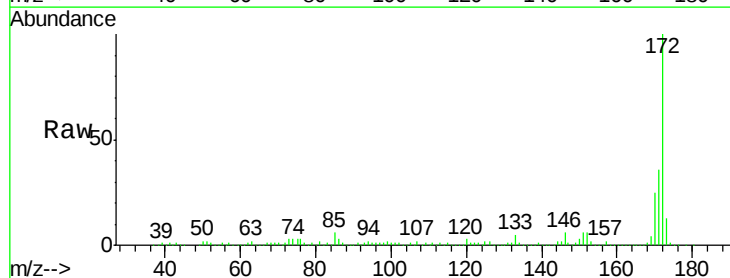
Instrument :
 BNA_F
 ClientSampled :
 W-10

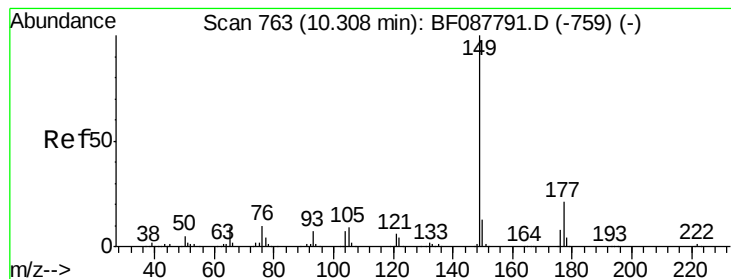
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	39.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087956.D
 Acq: 12 Jun 2016 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.6	19.2	28.8





#59

Diethylphthalate

Concen: 6.07 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

Instrument :

BNA_F

ClientSampleId :

W-10

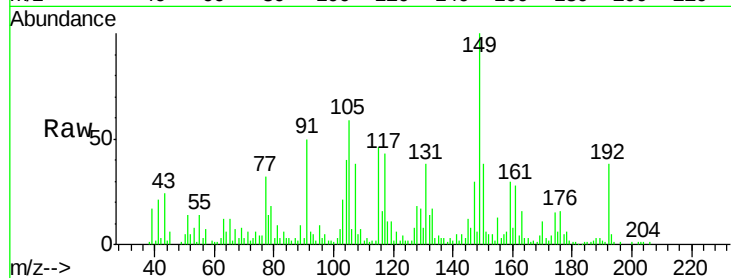
Tot Ion:149 Resp: 93283

Ion Ratio Lower Upper

149 100

177 4.7 16.9 25.3#

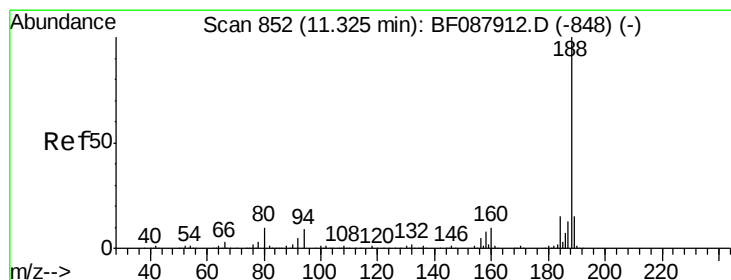
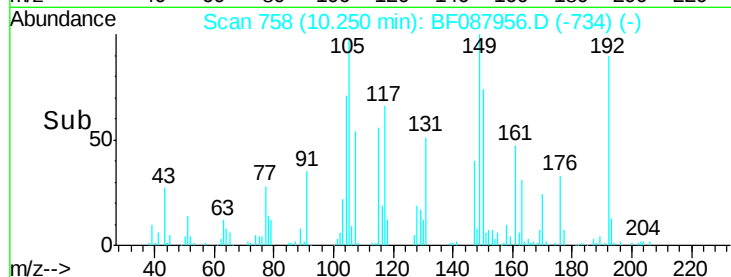
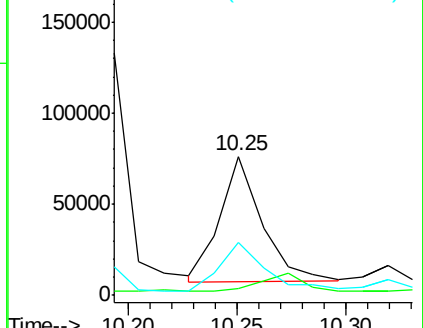
150 37.9 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

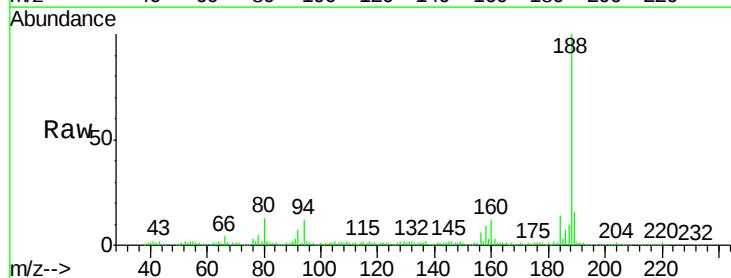
Tgt Ion:188 Resp: 372982

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.6

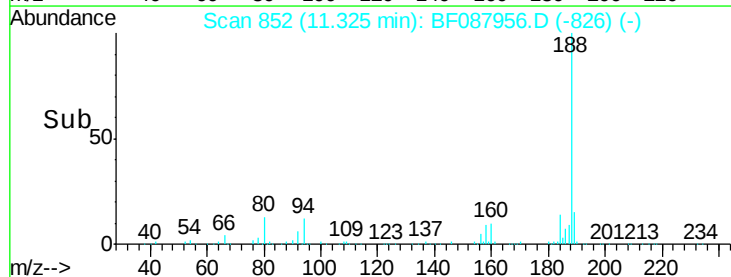
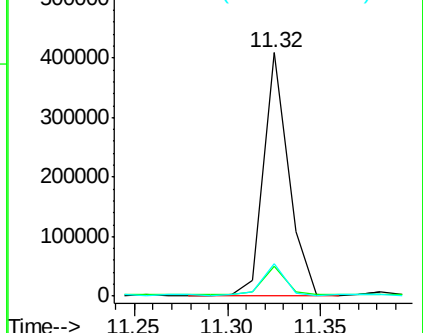
80 13.3 10.0 15.0

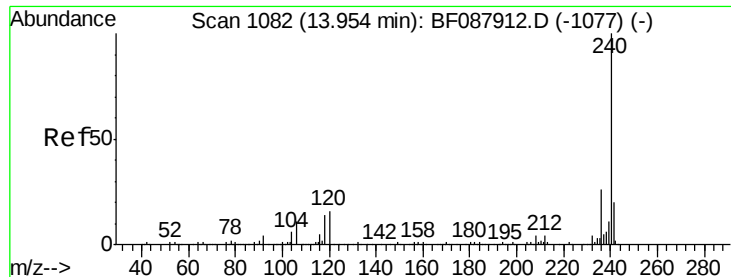


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

Instrument :

BNA_F

ClientSampleId :

W-10

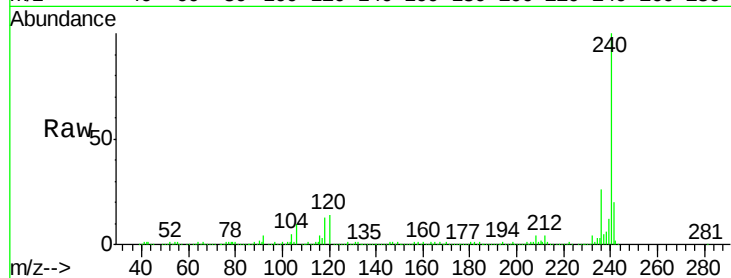
Tot Ion:240 Resp: 292882

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

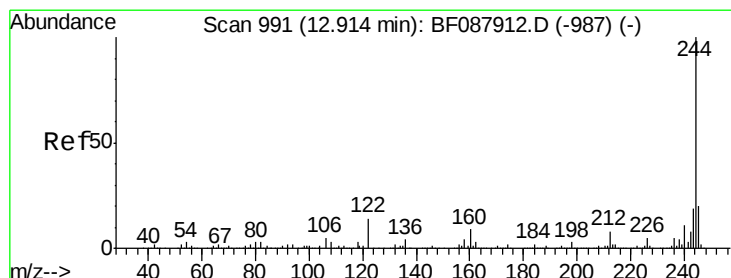
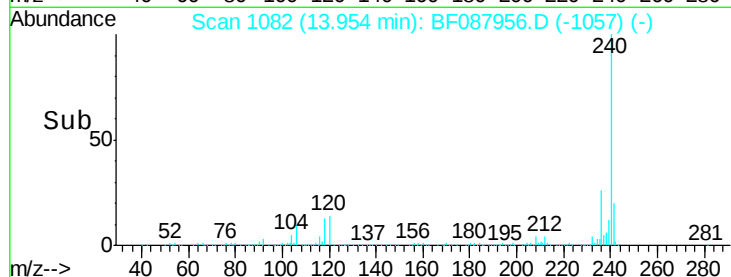
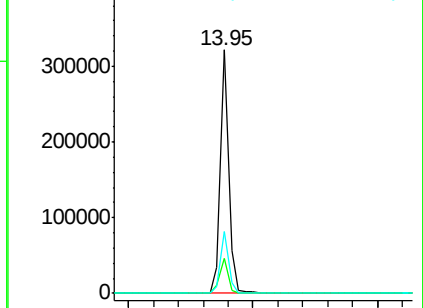
236 25.6 20.2 30.2



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: 69.98 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF087956.D

Acq: 12 Jun 2016 19:03

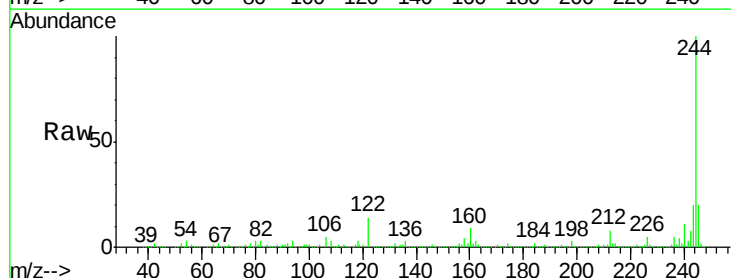
Tgt Ion:244 Resp: 900638

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

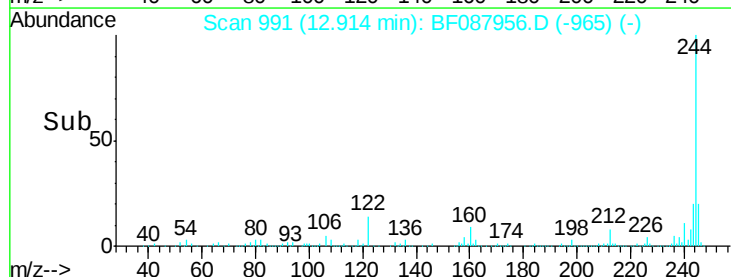
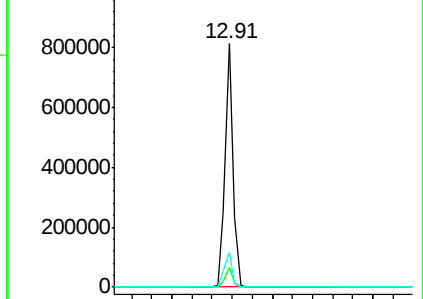
122 14.2 11.2 16.8

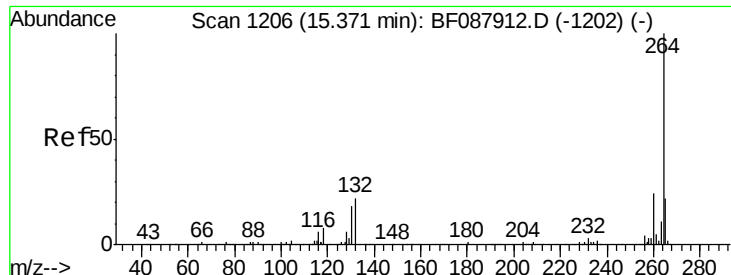


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

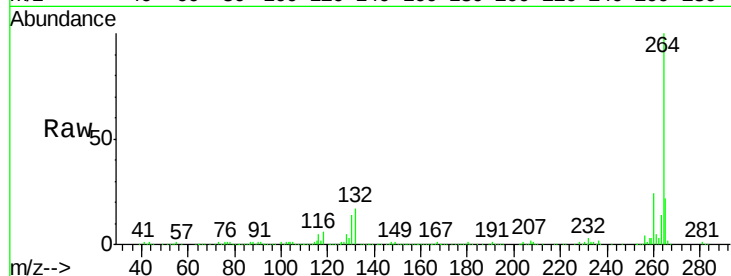




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF087956.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_F
ClientSampleId :
W-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3



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

