

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018716.D
 Acq On : 16 Sep 2015 21:34
 Operator : TP
 Sample : G3651-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043031

Quant Time: Sep 17 05:07:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

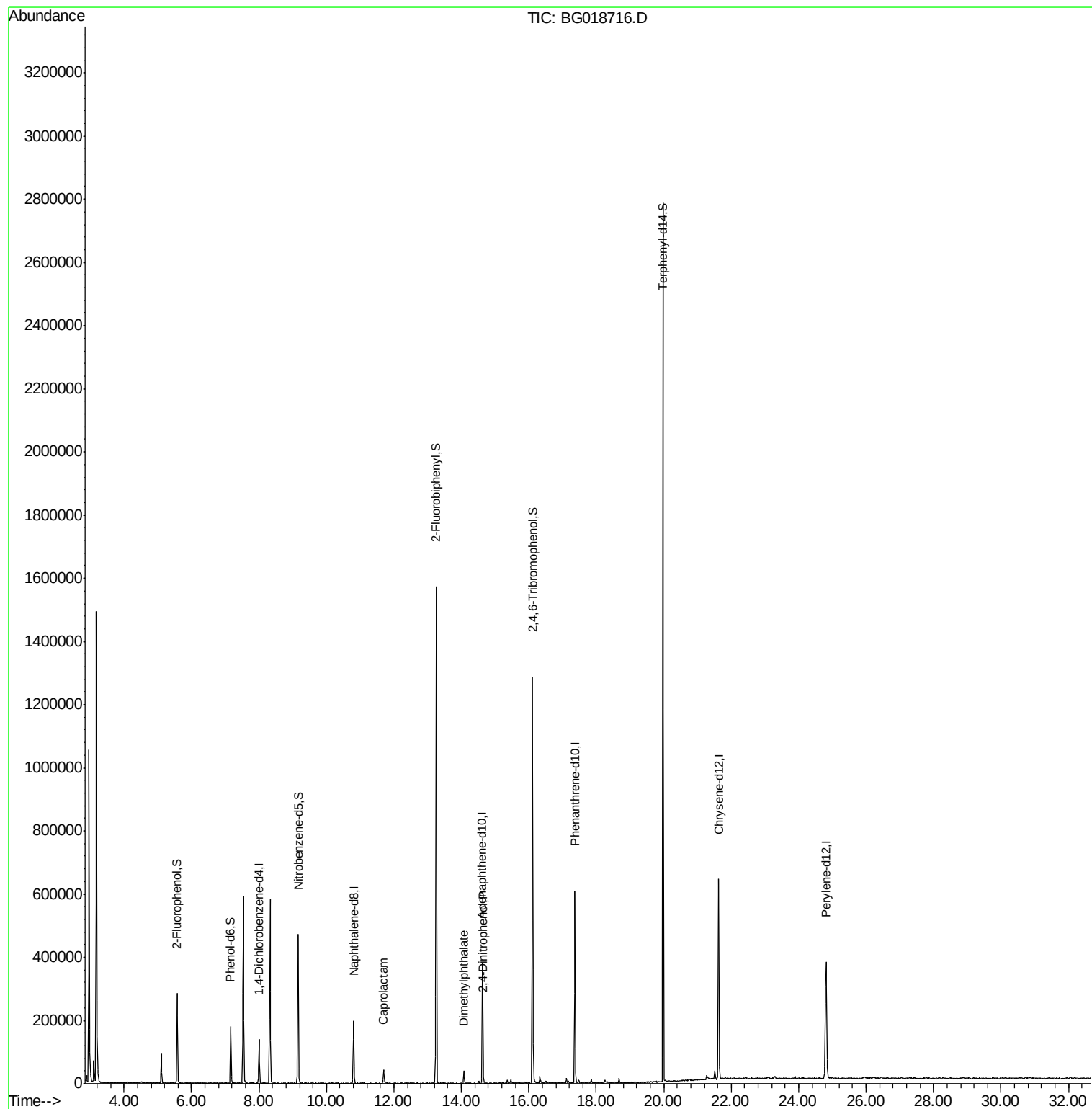
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43533	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	180695	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	132413	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	367237	20.00	ng	0.00
75) Chrysene-d12	21.63	240	398027	20.00	ng	0.00
86) Perylene-d12	24.81	264	388487	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	142421	56.51	ng	0.00
7) Phenol-d6	7.16	99	120038	33.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	298740	92.51	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	263001	147.51	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	866014	90.79	ng	0.00
78) Terphenyl-d14	19.98	244	1231257	81.23	ng	0.00
Target Compounds						
35) Caprolactam	11.69	113	10999	8.71	ng	# 80
49) Dimethylphthalate	14.07	163	29008	2.65	ng	100
53) 2,4-Dinitrophenol	14.65	184	79	7.70	ng	# 24

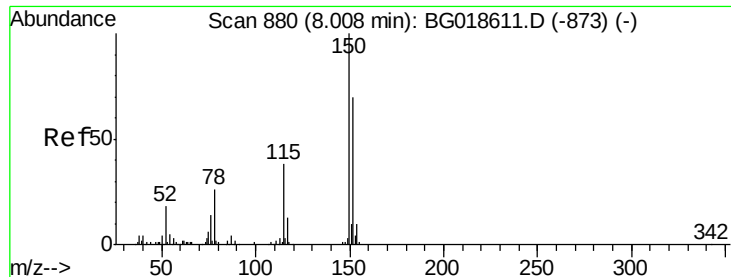
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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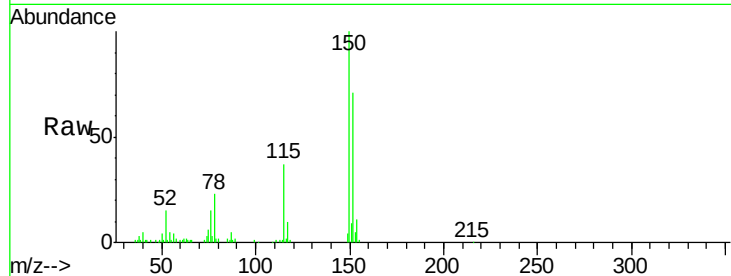


#1

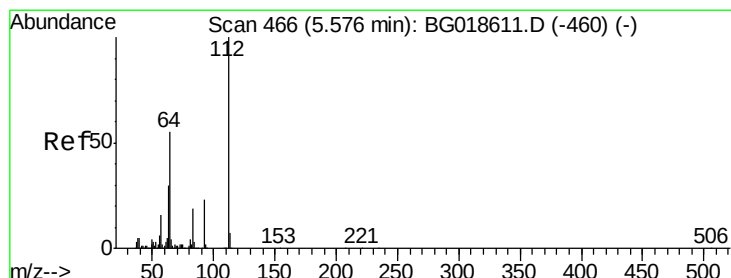
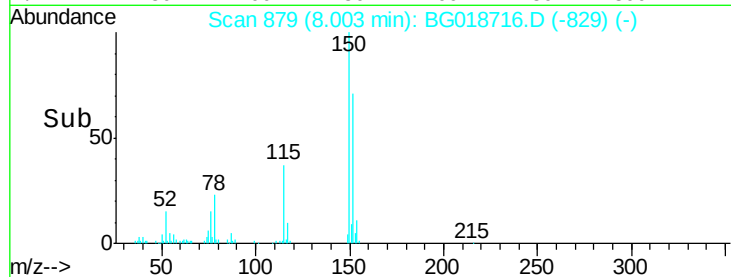
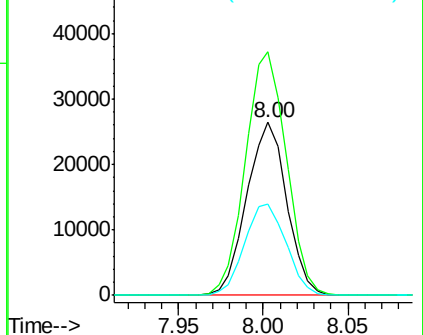
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

Instrument :
BNA_G
ClientSampleId :
CPS043031

Tot Ion:152 Resp: 43533
Ion Ratio Lower Upper
152 100
150 140.9 115.0 172.4
115 52.5 43.9 65.9



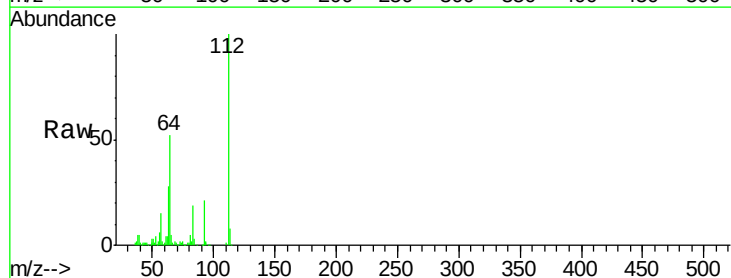
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



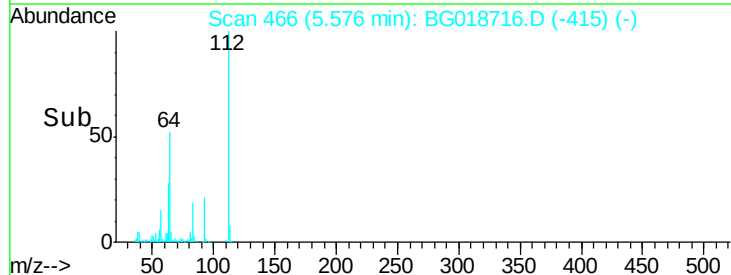
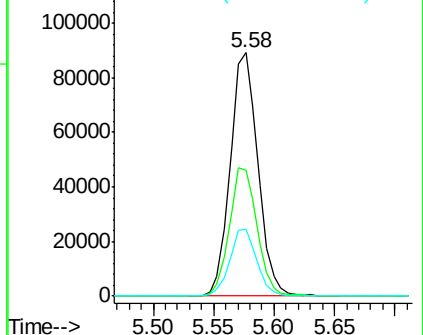
#5

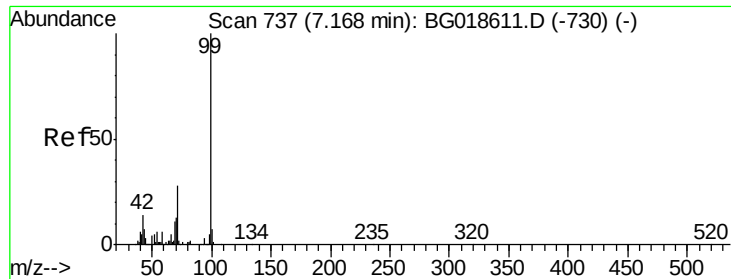
2-Fluorophenol
Concen: 56.51 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

Tgt Ion:112 Resp: 142421
Ion Ratio Lower Upper
112 100
64 51.8 43.7 65.5
63 27.8 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 33.22 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018716.D

Acq: 16 Sep 2015 21:34

Instrument :

BNA_G

ClientSampleId :

CPS043031

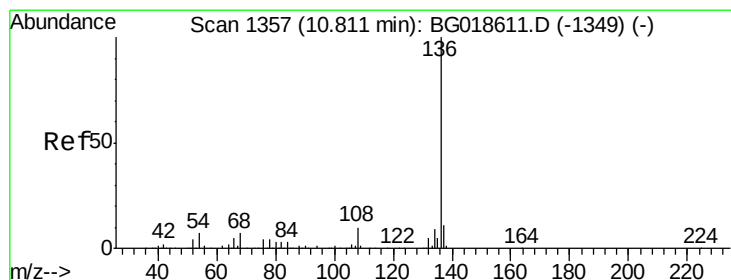
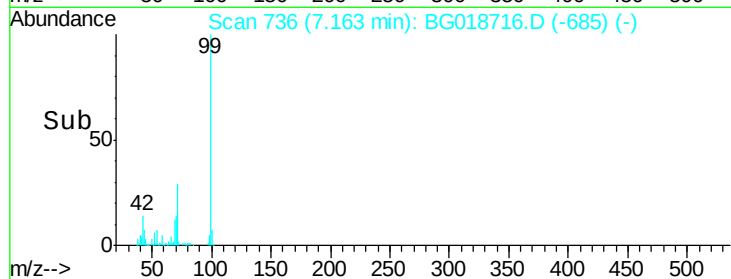
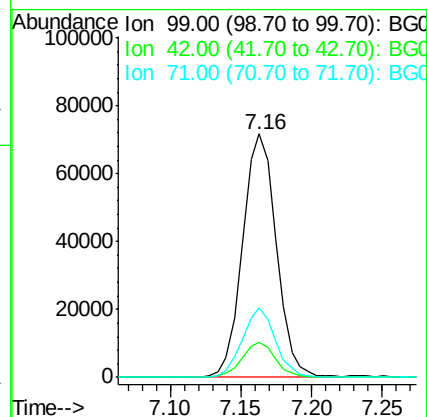
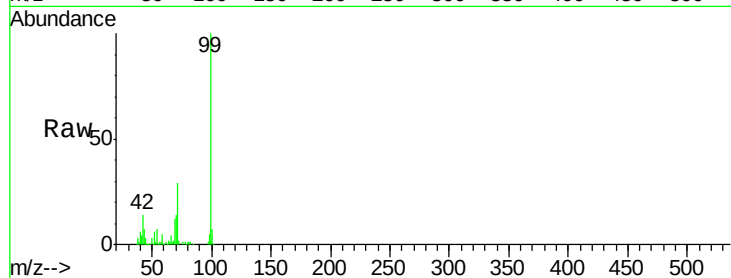
Tot Ion: 99 Resp: 120038

Ion Ratio Lower Upper

99 100

42 14.2 11.5 17.3

71 28.8 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018716.D

Acq: 16 Sep 2015 21:34

Tgt Ion: 136 Resp: 180695

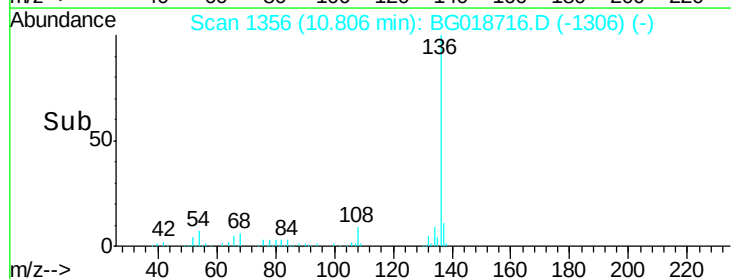
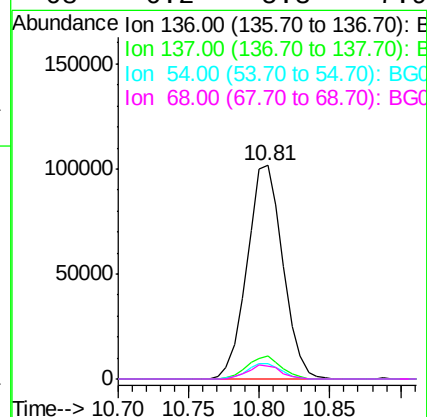
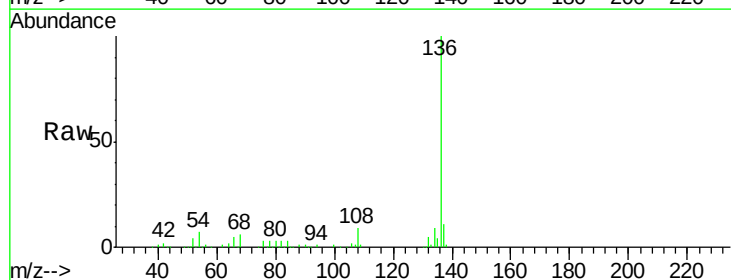
Ion Ratio Lower Upper

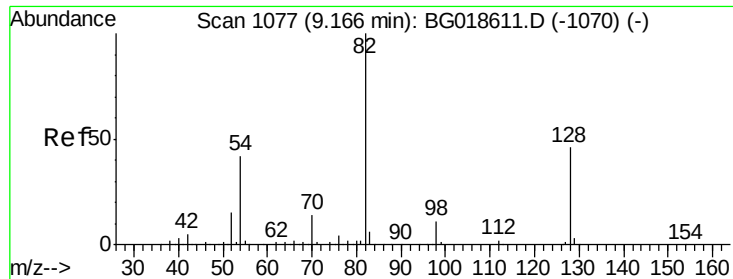
136 100

137 11.1 8.6 12.8

54 7.2 5.4 8.2

68 6.2 5.3 7.9

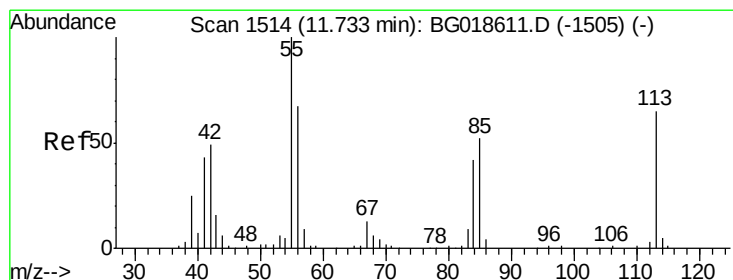
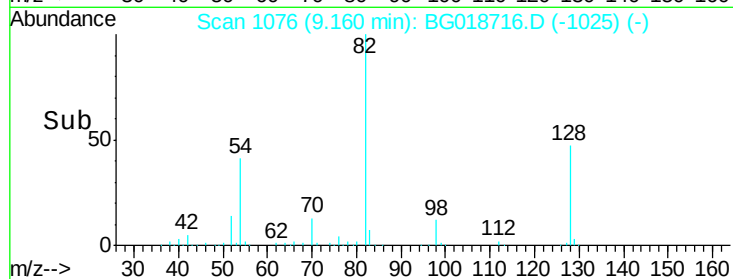
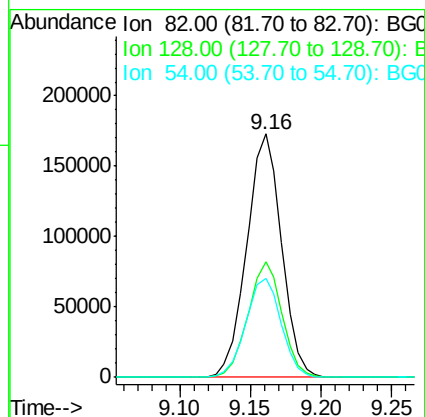
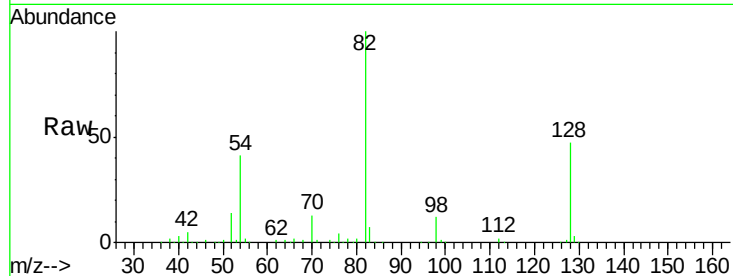




#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

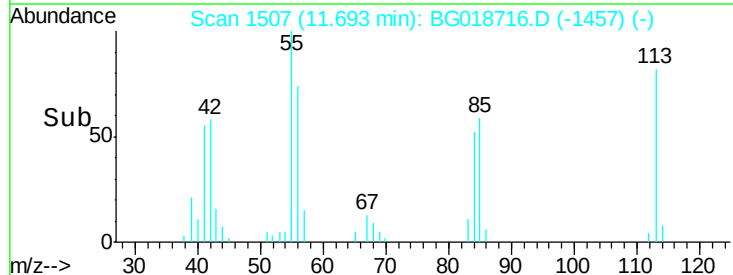
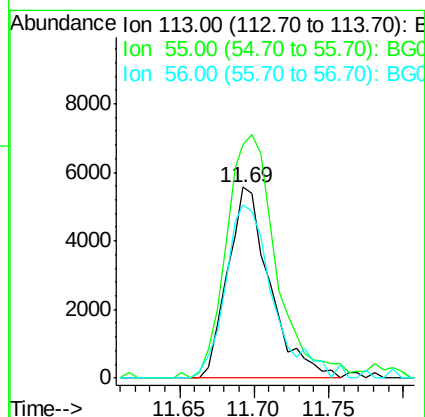
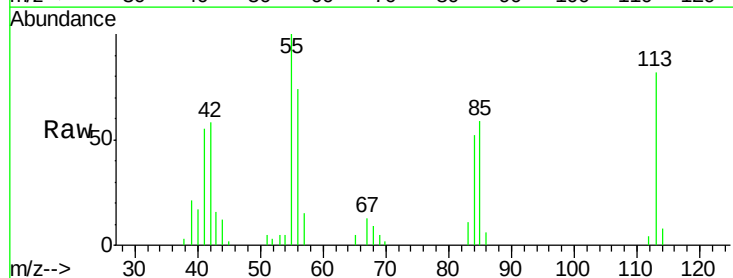
Instrument :
BNA_G
ClientSampleId :
CPS043031

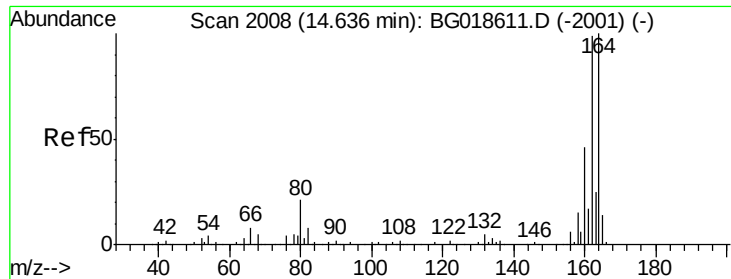
Tot Ion: 82 Resp: 298740
Ion Ratio Lower Upper
82 100
128 47.4 36.7 55.1
54 40.8 33.8 50.8



#35
Caprolactam
Concen: 8.71 ng
RT: 11.69 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

Tgt Ion: 113 Resp: 10999
Ion Ratio Lower Upper
113 100
55 122.2 135.0 175.0#
56 90.6 83.4 123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG018716.D

Acq: 16 Sep 2015 21:34

Instrument :

BNA_G

ClientSampleId :

CPS043031

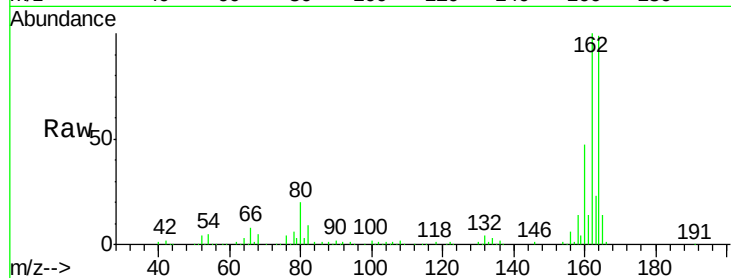
Tot Ion:164 Resp: 132413

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

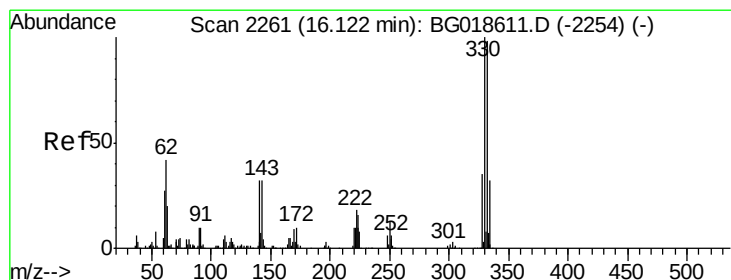
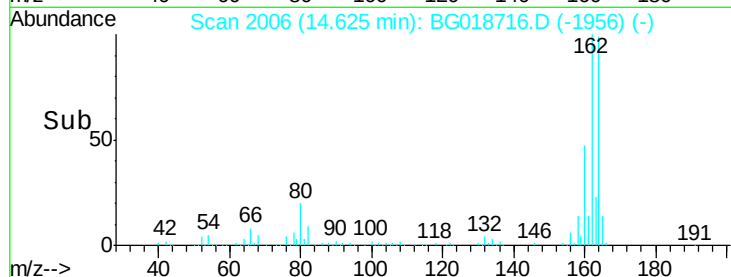
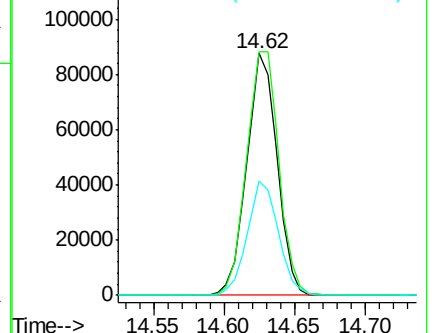
160 47.4 36.4 54.6



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: 147.51 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018716.D

Acq: 16 Sep 2015 21:34

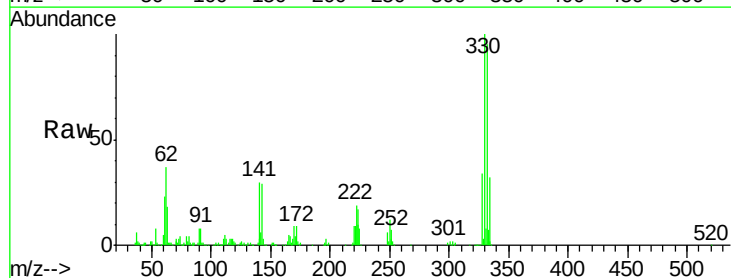
Tgt Ion:330 Resp: 263001

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

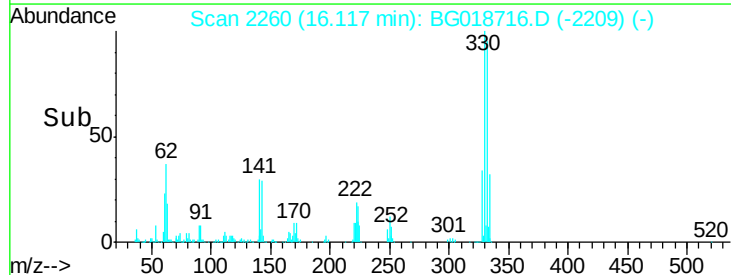
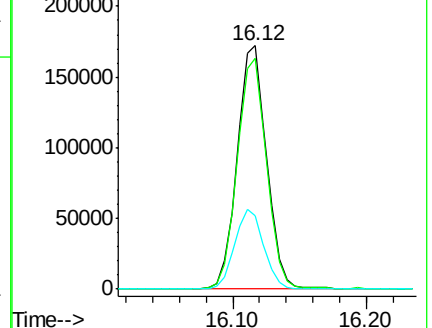
141 32.6 28.2 42.2

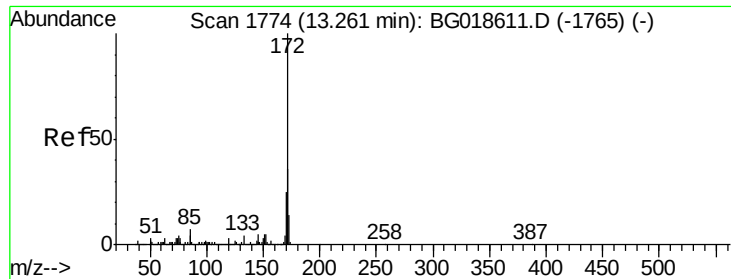


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

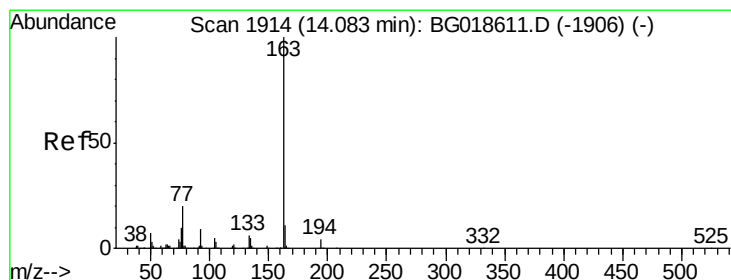
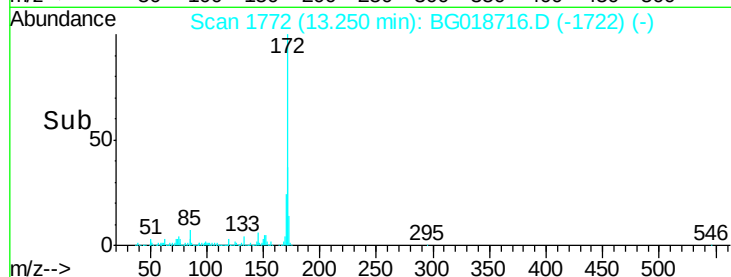
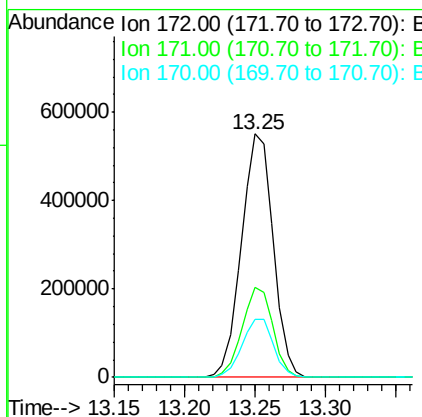
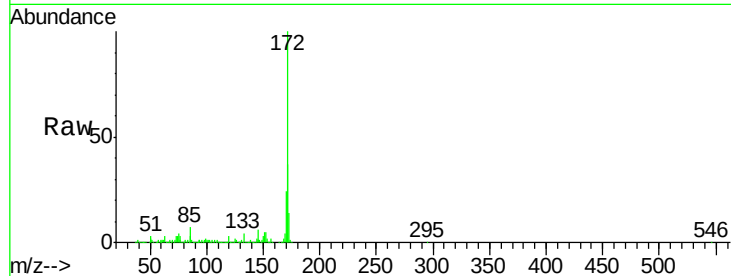




#44
2-Fluorobiphenyl
Concen: 90.79 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

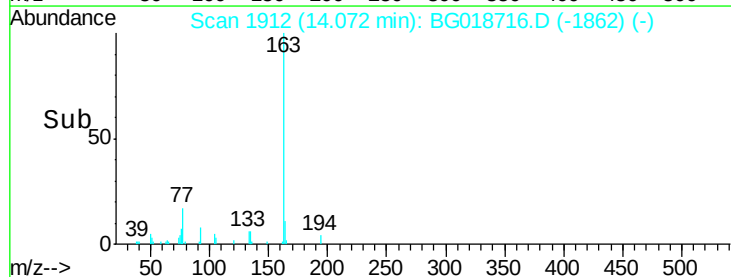
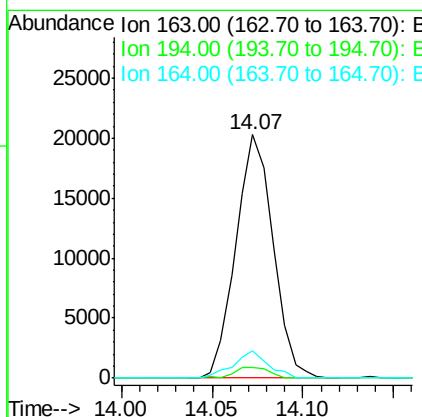
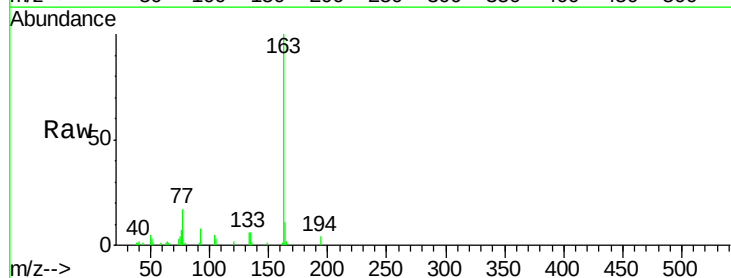
Instrument :
BNA_G
ClientSampleId :
CPS043031

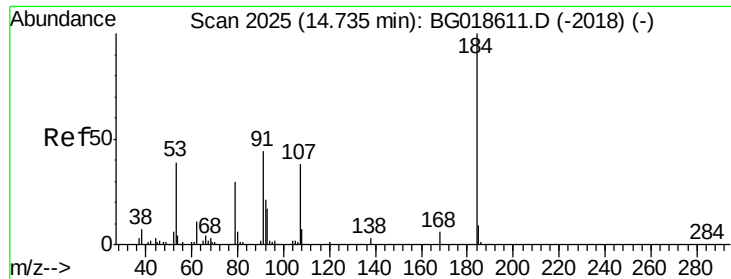
Tot Ion:172 Resp: 866014
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 23.9 19.9 29.9



#49
Dimethylphthalate
Concen: 2.65 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

Tgt Ion:163 Resp: 29008
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 11.1 8.8 13.2

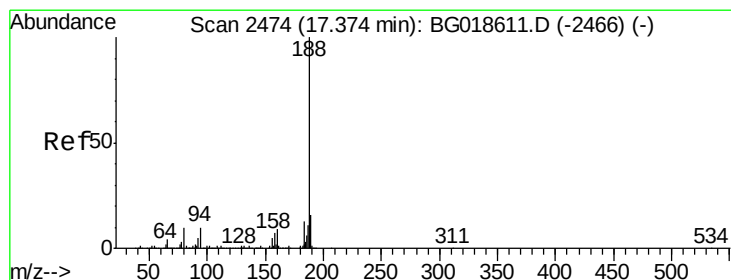
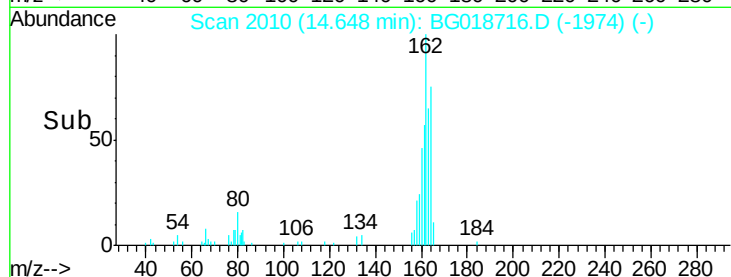
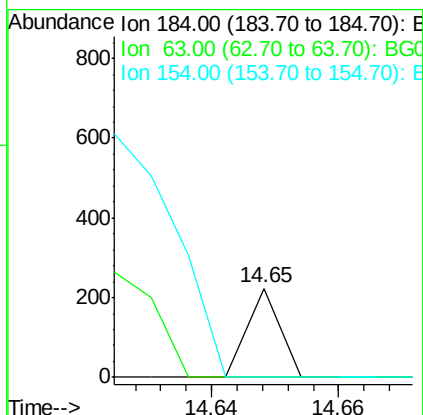
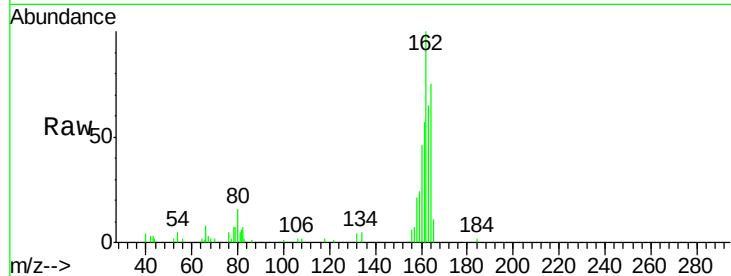




#53
 2,4-Dinitrophenol
 Concen: 7.70 ng
 RT: 14.65 min Scan# 2010
 Delta R.T. -0.09 min
 Lab File: BG018716.D
 Acq: 16 Sep 2015 21:34

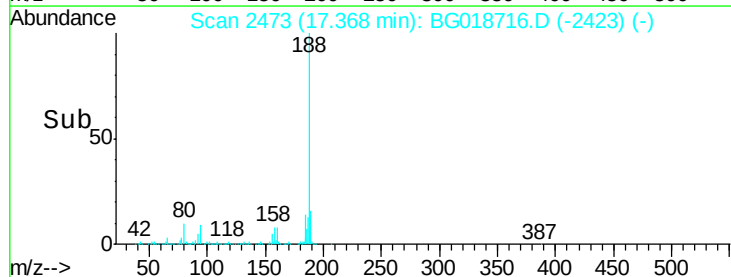
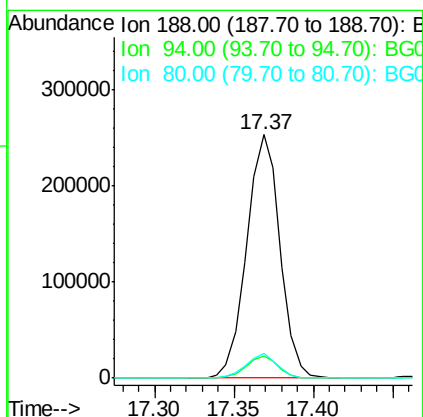
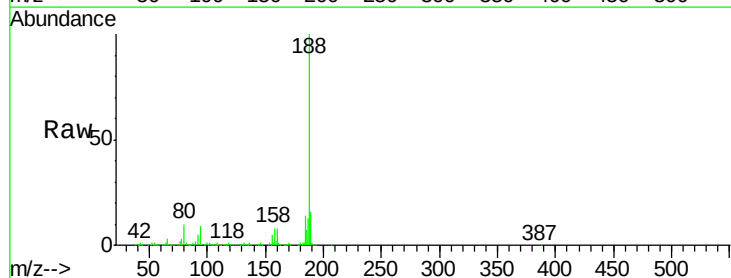
Instrument :
 BNA_G
 ClientSampleId :
 CPS043031

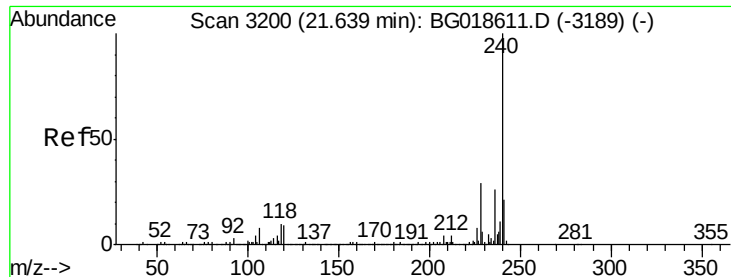
Tot Ion:184 Resp: 79
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.7 64.1#
 154 0.0 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018716.D
 Acq: 16 Sep 2015 21:34

Tgt Ion:188 Resp: 367237
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.7 11.5
 80 10.0 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018716.D

Acq: 16 Sep 2015 21:34

Instrument :

BNA_G

ClientSampleId :

CPS043031

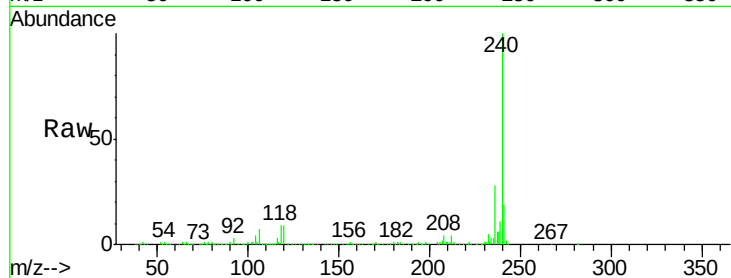
Tot Ion:240 Resp: 398027

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

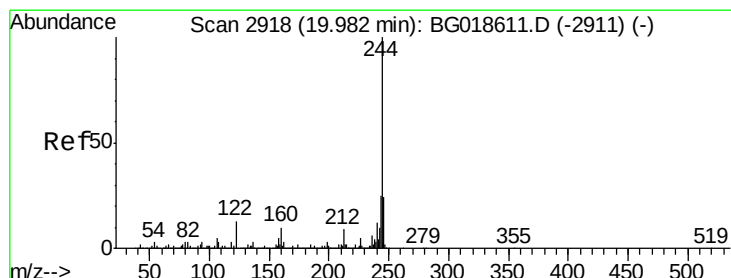
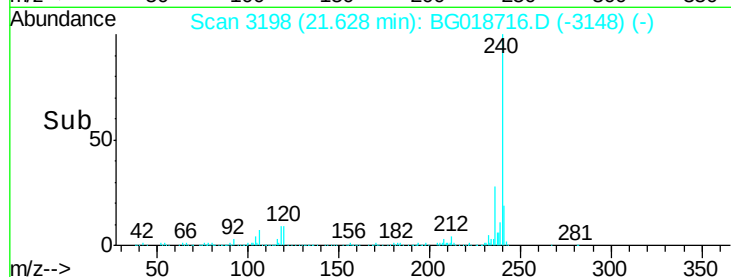
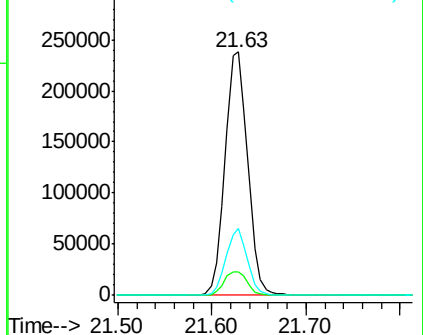
236 27.8 20.7 31.1



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: 81.23 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018716.D

Acq: 16 Sep 2015 21:34

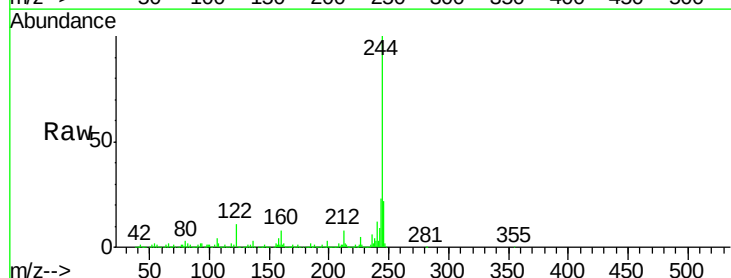
Tgt Ion:244 Resp: 1231257

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

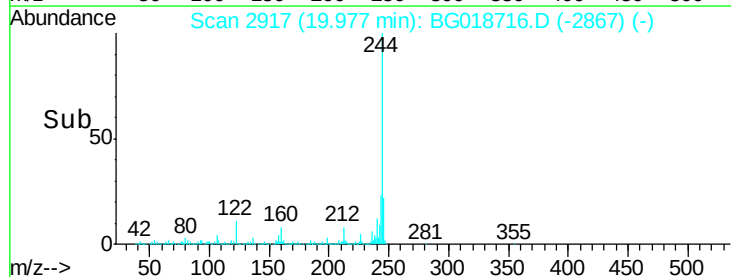
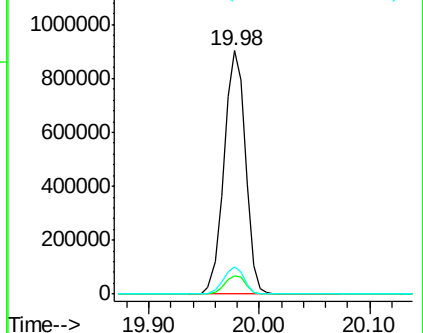
122 11.1 10.2 15.2

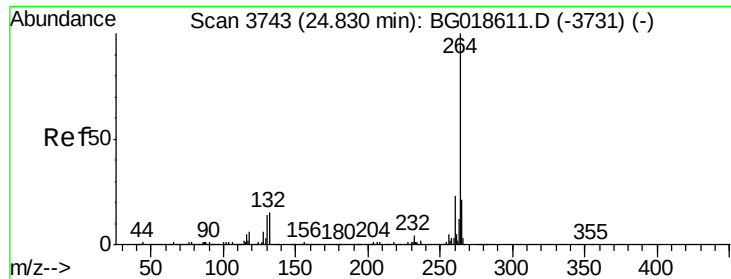


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

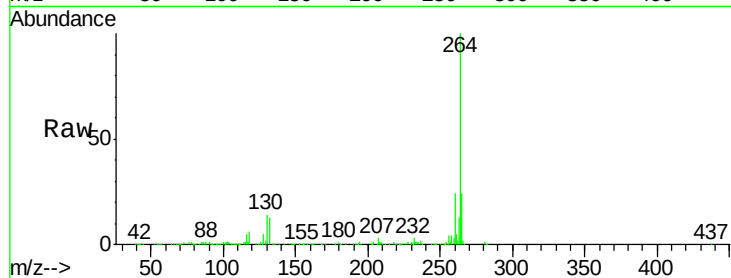




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BG018716.D
Acq: 16 Sep 2015 21:34

Instrument :
BNA_G
ClientSampleId :
CPS043031

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	23.7	17.2	25.8



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

