

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018719.D
 Acq On : 16 Sep 2015 23:27
 Operator : TP
 Sample : G3651-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS033031

Quant Time: Sep 17 05:07:47 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

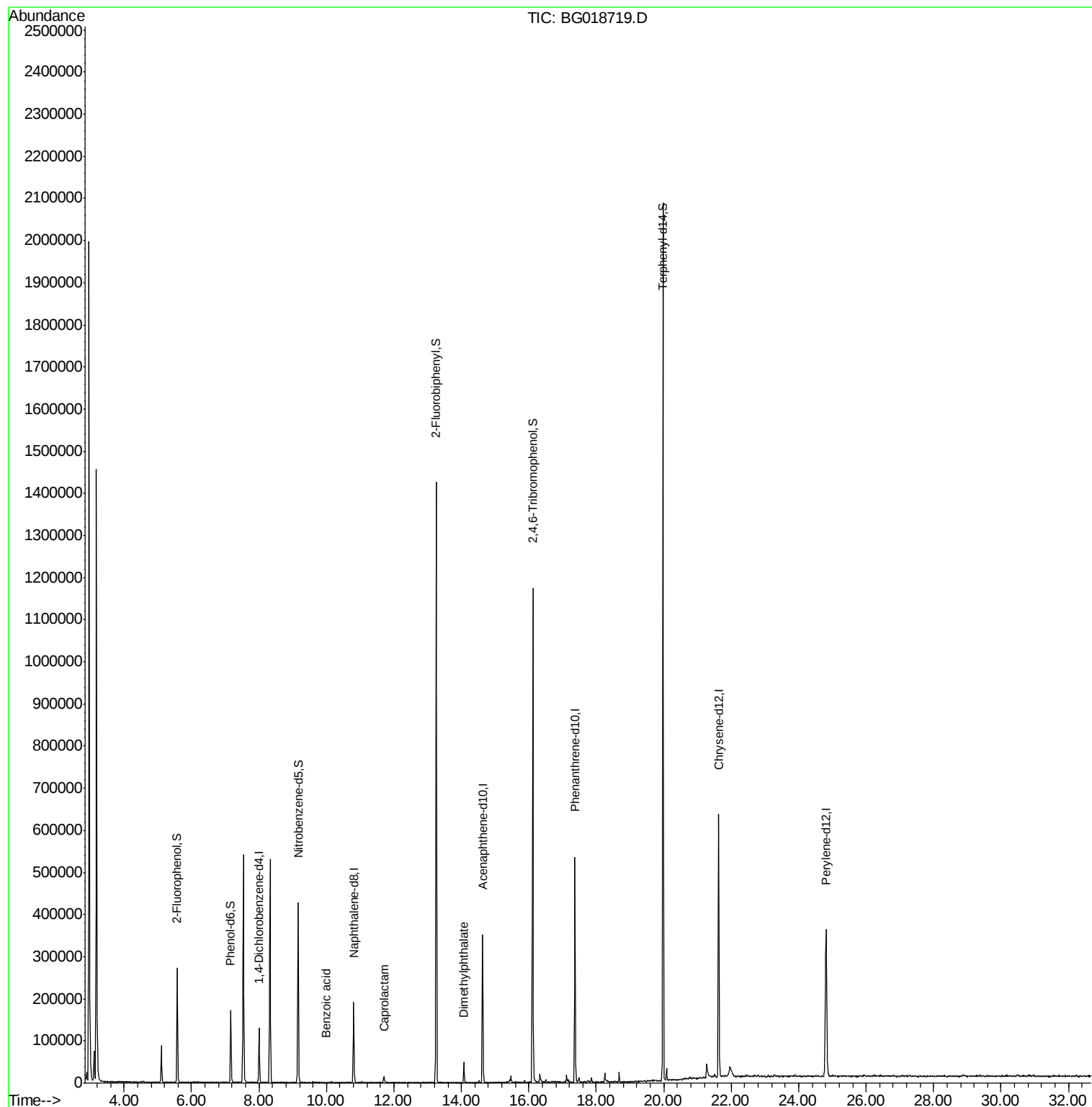
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	39506	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	171937	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	126599	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	345590	20.00	ng	0.00
75) Chrysene-d12	21.63	240	376980	20.00	ng	0.00
86) Perylene-d12	24.81	264	371316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	133428	58.34	ng	0.00
7) Phenol-d6	7.16	99	113832	34.71	ng	0.00
23) Nitrobenzene-d5	9.16	82	267120	86.93	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	237840	139.52	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	777145	85.21	ng	0.00
78) Terphenyl-d14	19.98	244	937063	65.27	ng	0.00
Target Compounds						
32) Benzoic acid	10.01	122	55	7.95	ng	# 1
35) Caprolactam	11.70	113	4054	3.38	ng	# 88
49) Dimethylphthalate	14.07	163	37127	3.54	ng	# 93

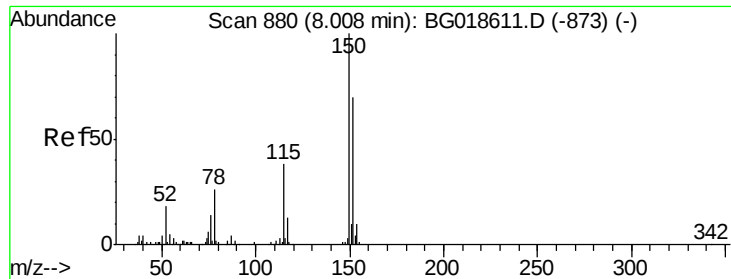
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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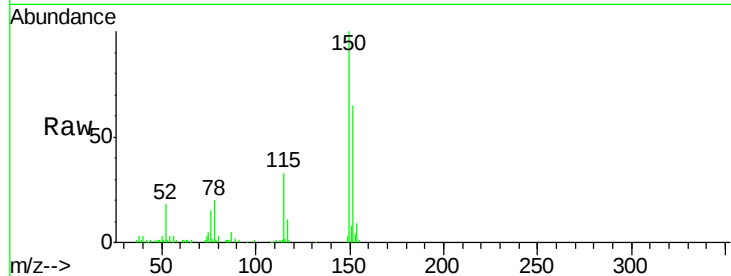


#1

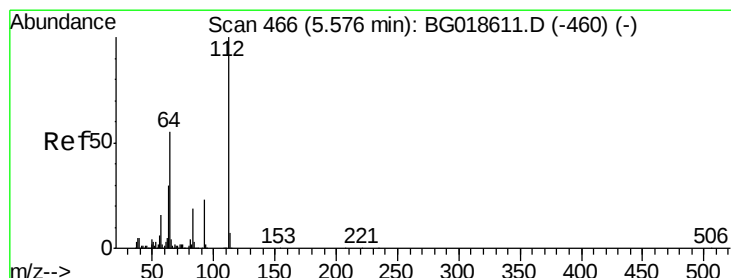
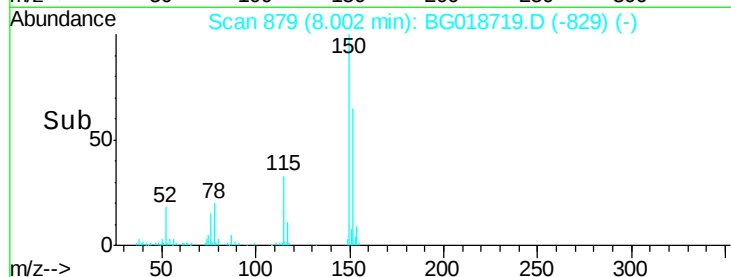
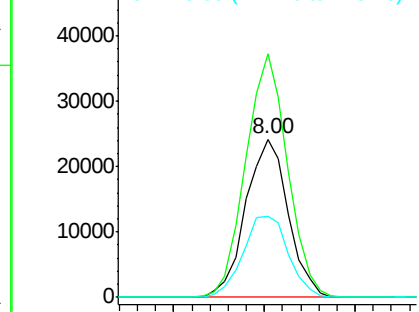
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018719.D
Acq: 16 Sep 2015 23:27

Instrument :
BNA_G
ClientSampleId :
CPS033031

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	115.0	172.4
115	51.3	43.9	65.9



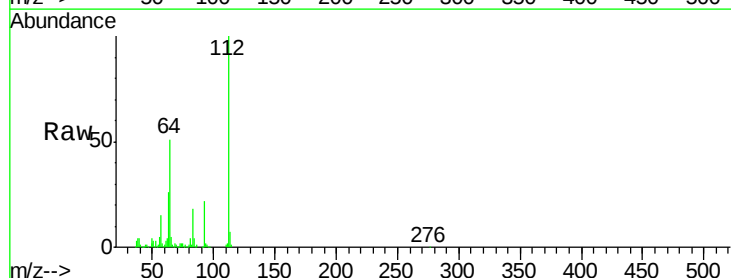
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



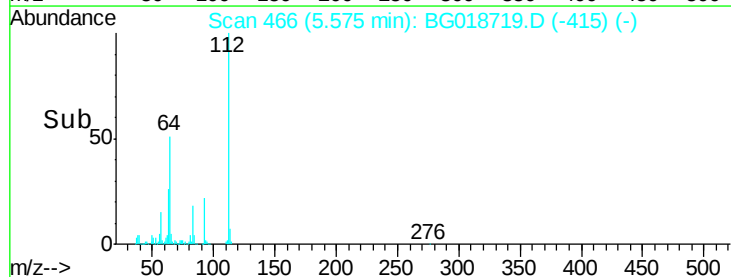
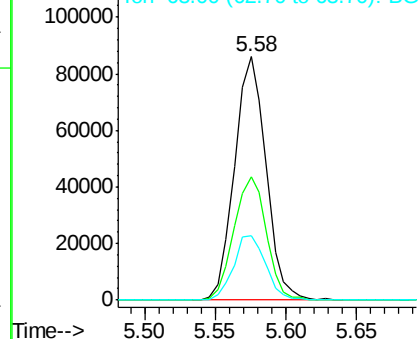
#5

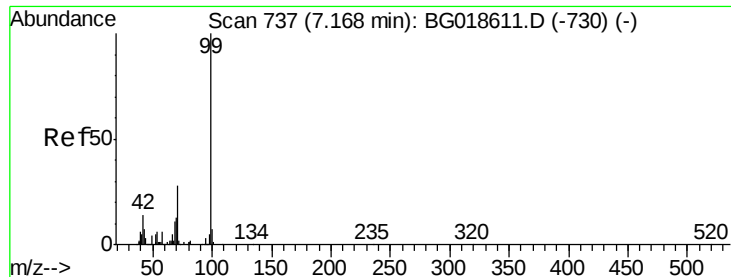
2-Fluorophenol
Concen: 58.34 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018719.D
Acq: 16 Sep 2015 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	43.7	65.5
63	26.5	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: 34.71 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

Instrument :

BNA_G

ClientSampleId :

CPS033031

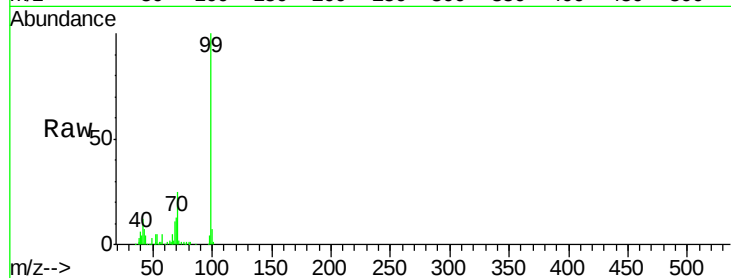
Tot Ion: 99 Resp: 113832

Ion Ratio Lower Upper

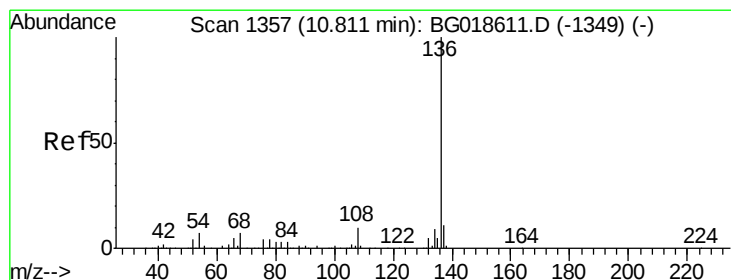
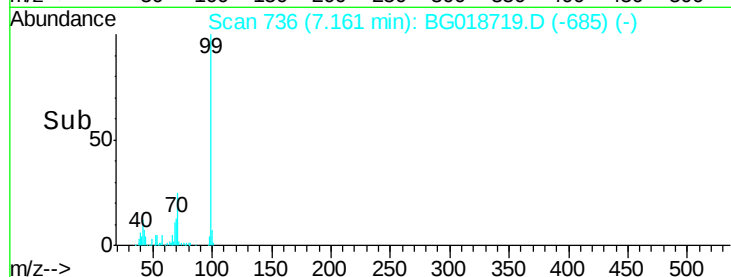
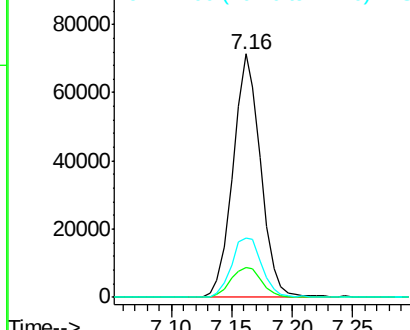
99 100

42 12.4 11.5 17.3

71 24.6 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

Tgt Ion: 136 Resp: 171937

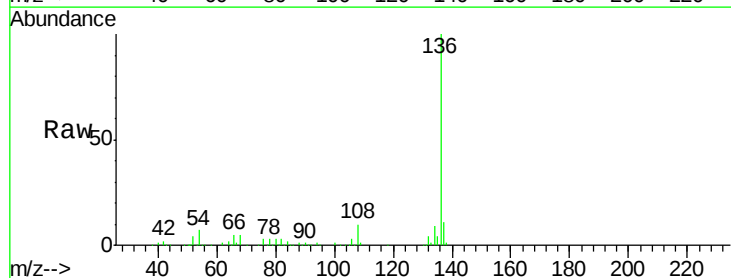
Ion Ratio Lower Upper

136 100

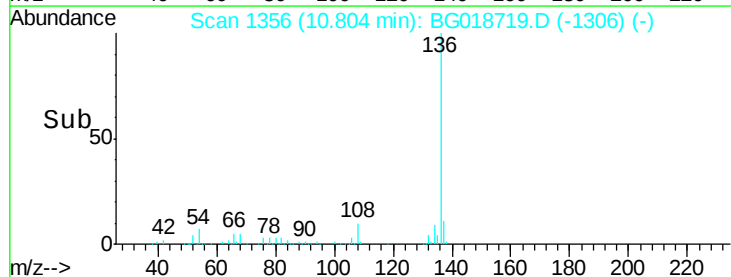
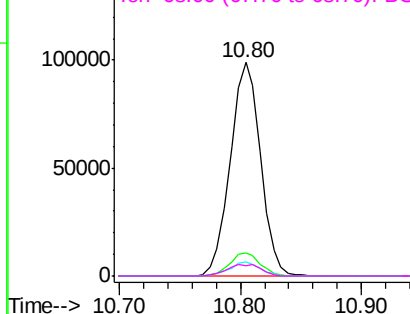
137 10.8 8.6 12.8

54 6.5 5.4 8.2

68 4.9 5.3 7.9#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

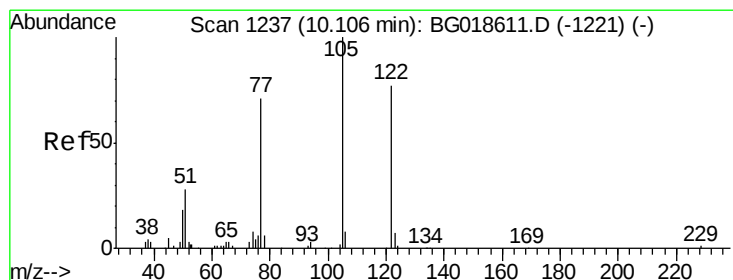
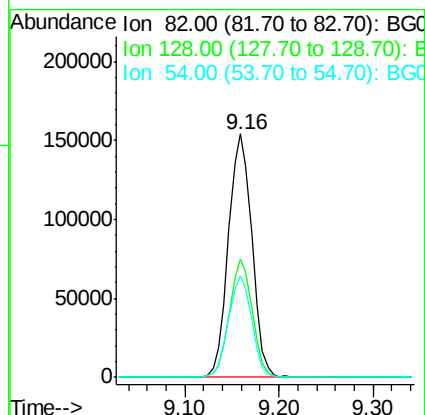
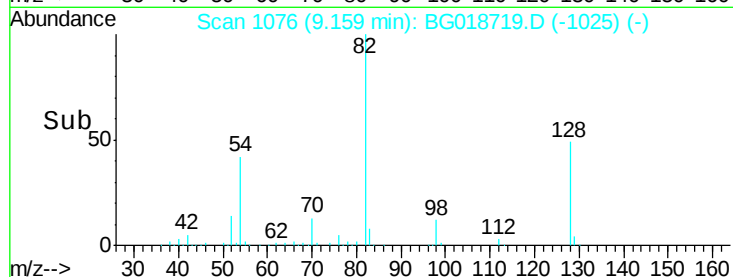
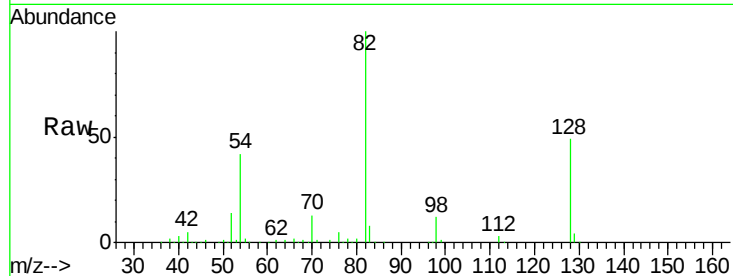




#23
 Nitrobenzene-d5
 Concen: 86.93 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018719.D
 Acq: 16 Sep 2015 23:27

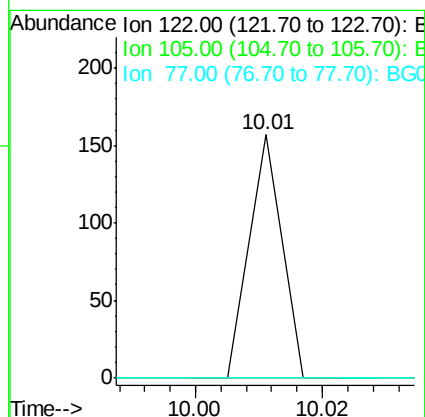
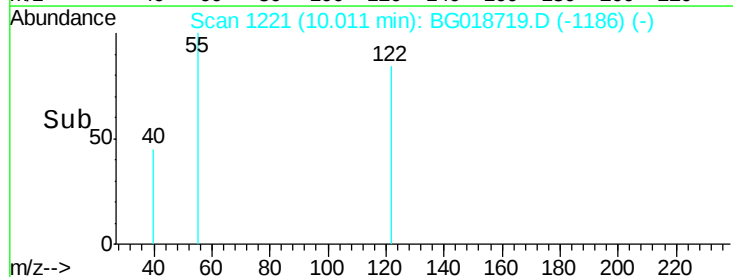
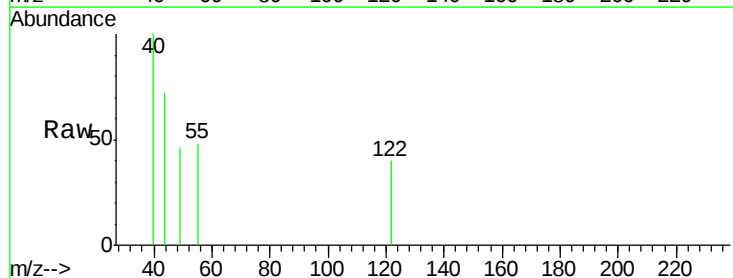
Instrument :
 BNA_G
 ClientSampleId :
 CPS033031

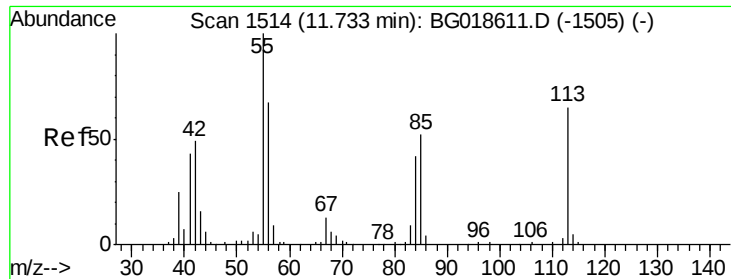
Tot Ion: 82 Resp: 267120
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.7 55.1
 54 41.5 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.01 min Scan# 1221
 Delta R.T. -0.09 min
 Lab File: BG018719.D
 Acq: 16 Sep 2015 23:27

Tgt Ion:122 Resp: 55
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#





#35

Caprolactam

Concen: 3.38 ng

RT: 11.70 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

Instrument :

BNA_G

ClientSampleId :

CPS033031

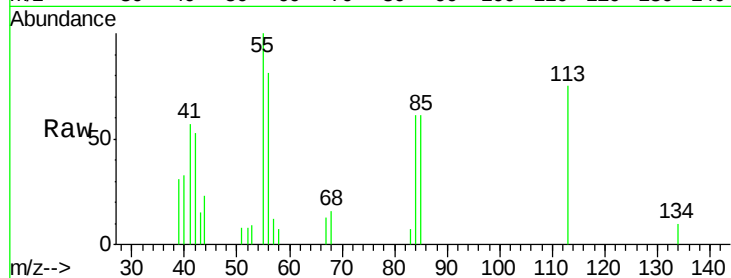
Tot Ion:113 Resp: 4054

Ion Ratio Lower Upper

113 100

55 133.8 135.0 175.0#

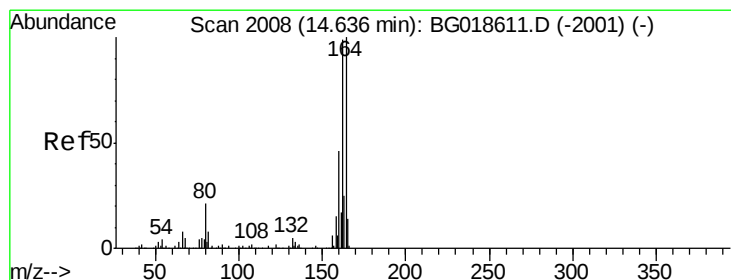
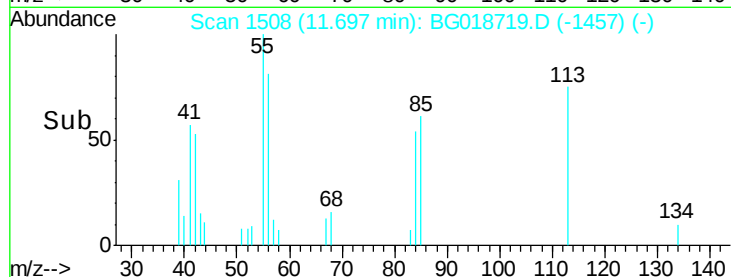
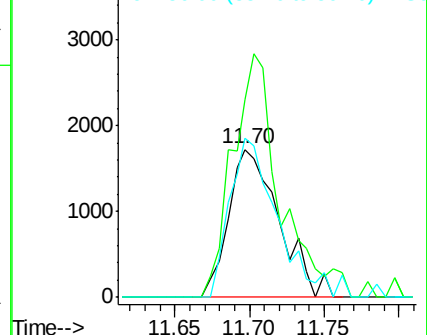
56 107.7 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

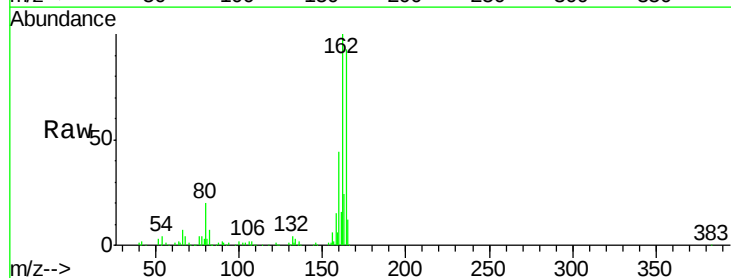
Tgt Ion:164 Resp: 126599

Ion Ratio Lower Upper

164 100

162 107.0 78.8 118.2

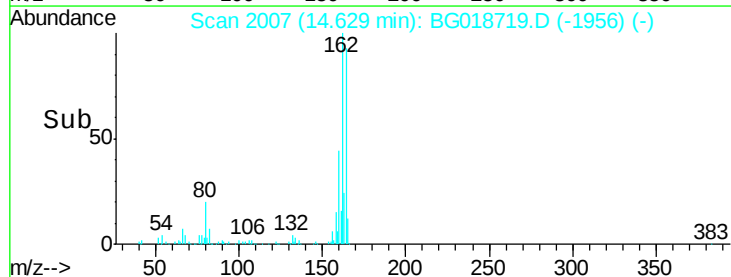
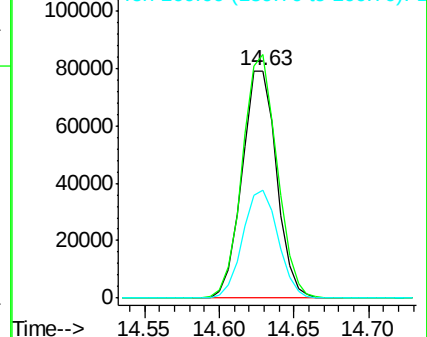
160 47.3 36.4 54.6

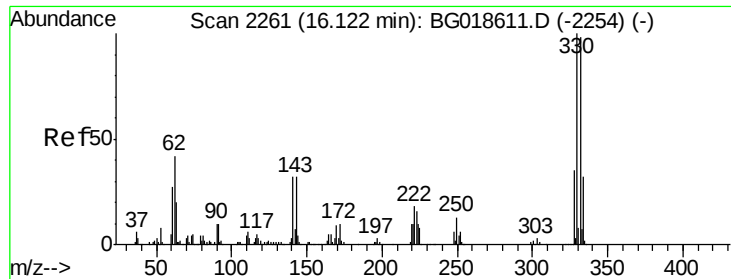


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

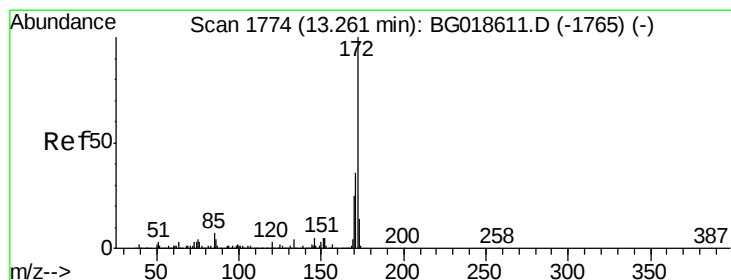
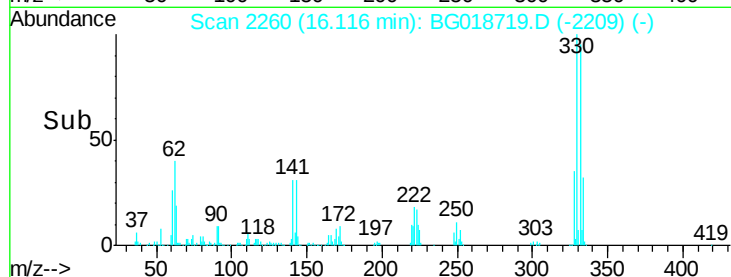
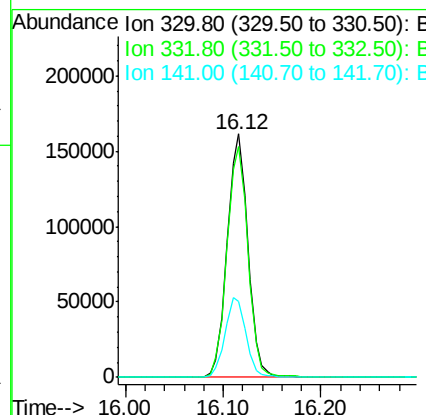
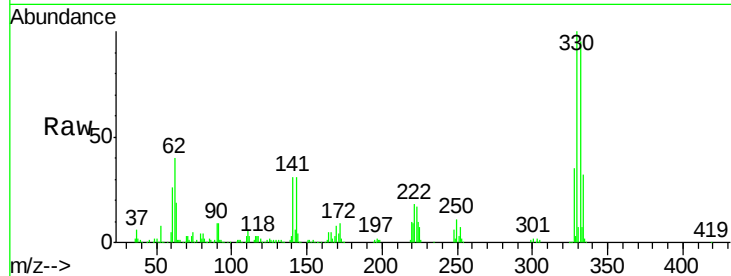




#41
 2,4,6-Tribromophenol
 Concen: 139.52 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018719.D
 Acq: 16 Sep 2015 23:27

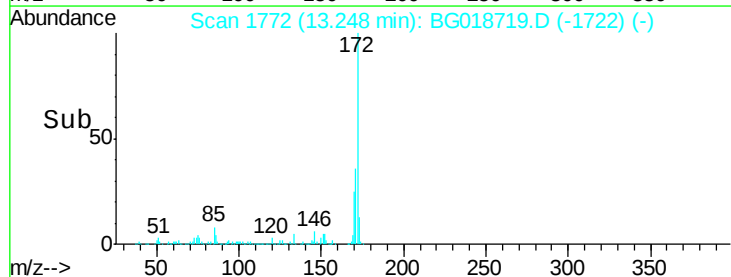
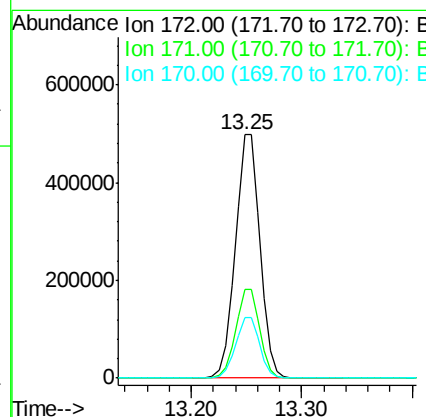
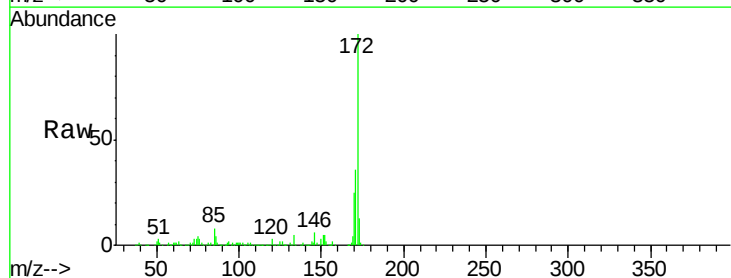
Instrument :
 BNA_G
 ClientSampleId :
 CPS033031

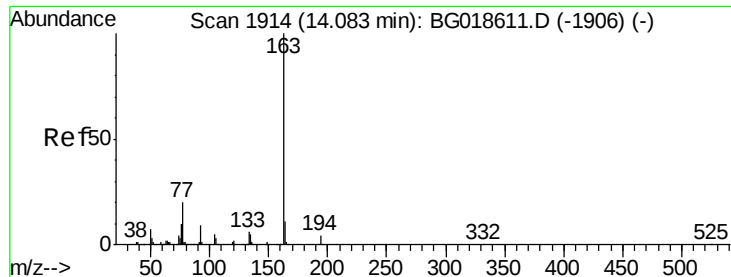
Tot Ion:330 Resp: 237840
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.1 117.1
 141 33.0 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 85.21 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018719.D
 Acq: 16 Sep 2015 23:27

Tgt Ion:172 Resp: 777145
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.9 29.9





#49

Dimethylphthalate

Concen: 3.54 ng

RT: 14.07 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

Instrument :

BNA_G

ClientSampleId :

CPS033031

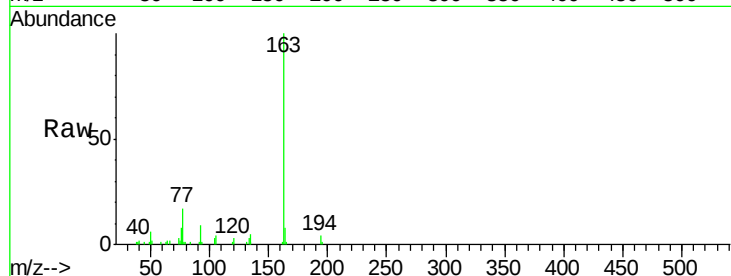
Tot Ion:163 Resp: 37127

Ion Ratio Lower Upper

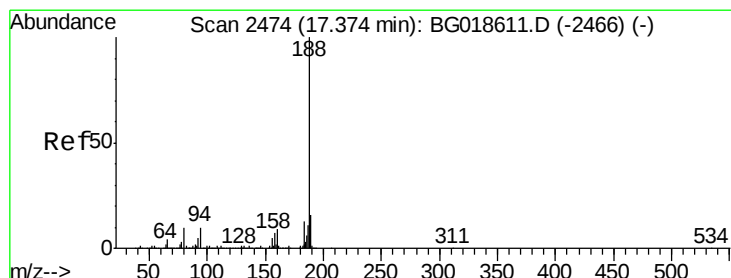
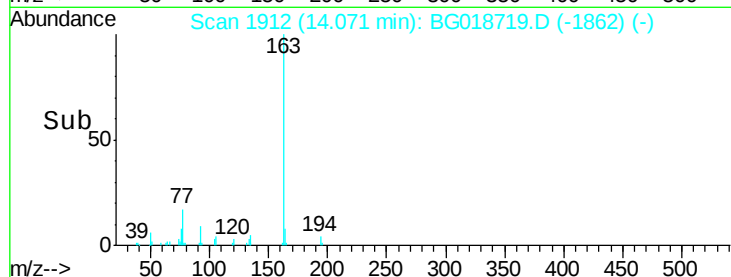
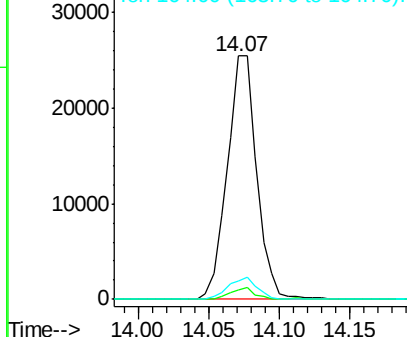
163 100

194 3.8 3.1 4.7

164 7.6 8.8 13.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

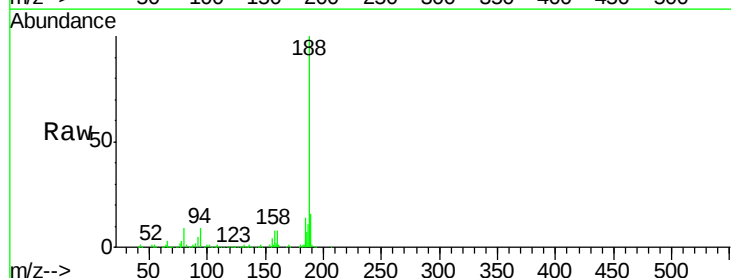
Tgt Ion:188 Resp: 345590

Ion Ratio Lower Upper

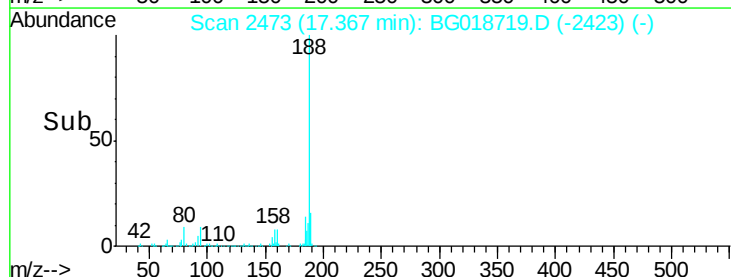
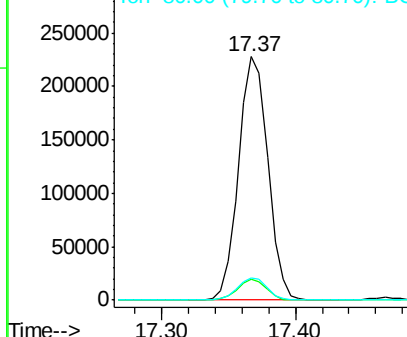
188 100

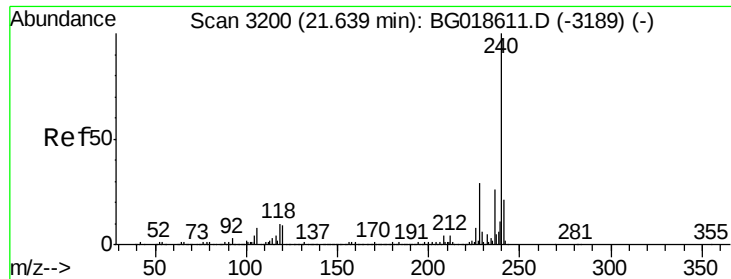
94 8.6 7.7 11.5

80 9.3 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

Instrument :

BNA_G

ClientSampleId :

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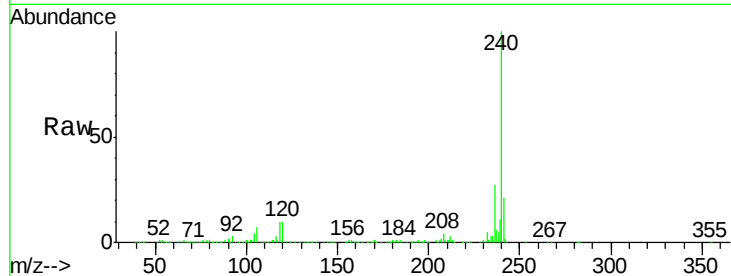
Tot Ion:240 Resp: 376980

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

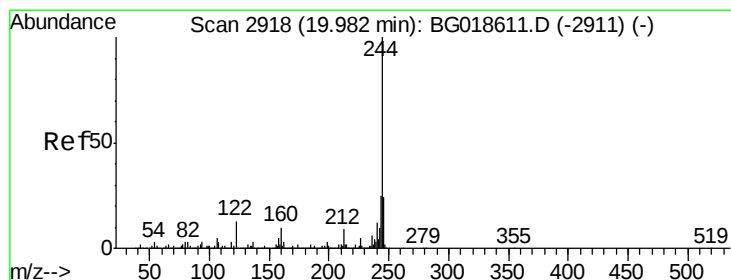
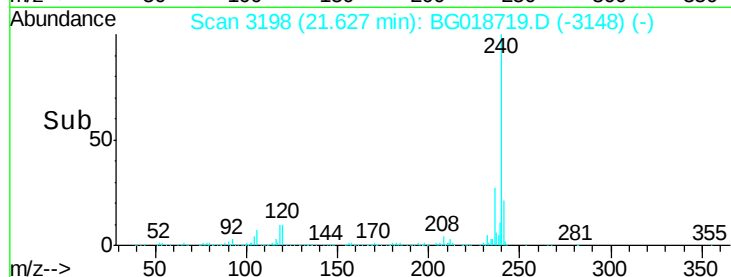
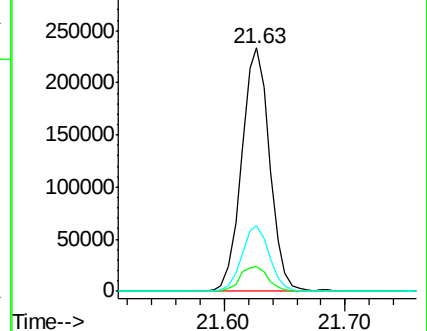
236 27.2 20.7 31.1



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: 65.27 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018719.D

Acq: 16 Sep 2015 23:27

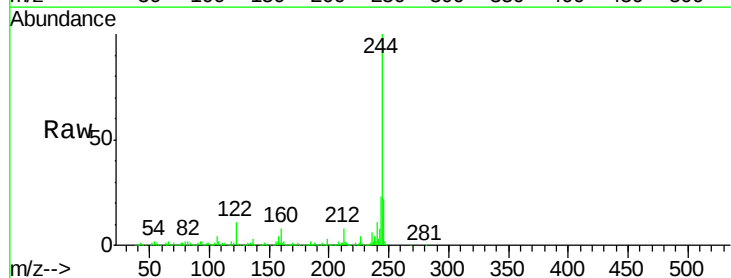
Tgt Ion:244 Resp: 937063

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

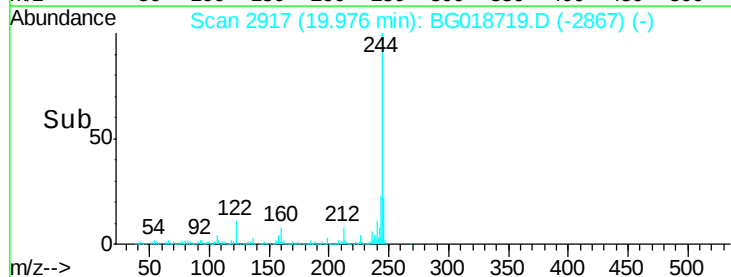
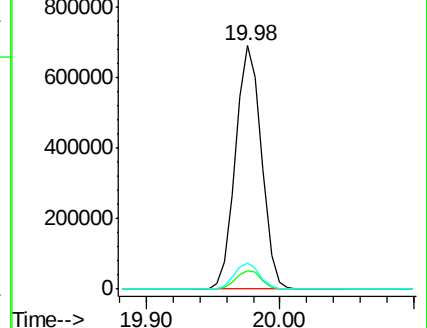
122 10.6 10.2 15.2

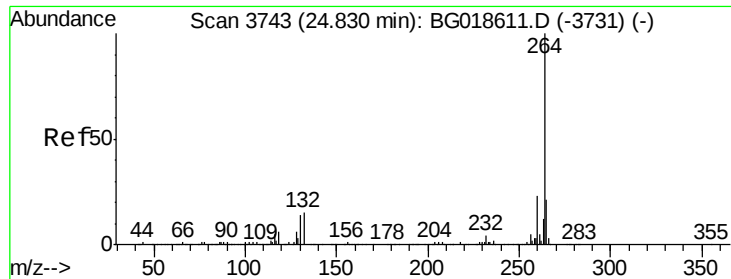


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG018719.D
Acq: 16 Sep 2015 23:27

Instrument :
BNA_G
ClientSampleId :
CPS033031

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	22.7	17.2	25.8

