

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037866.D
 Acq On : 7 Nov 2018 15:26
 Operator : JU/SJ
 Sample : J5820-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS083081

Quant Time: Nov 07 16:21:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

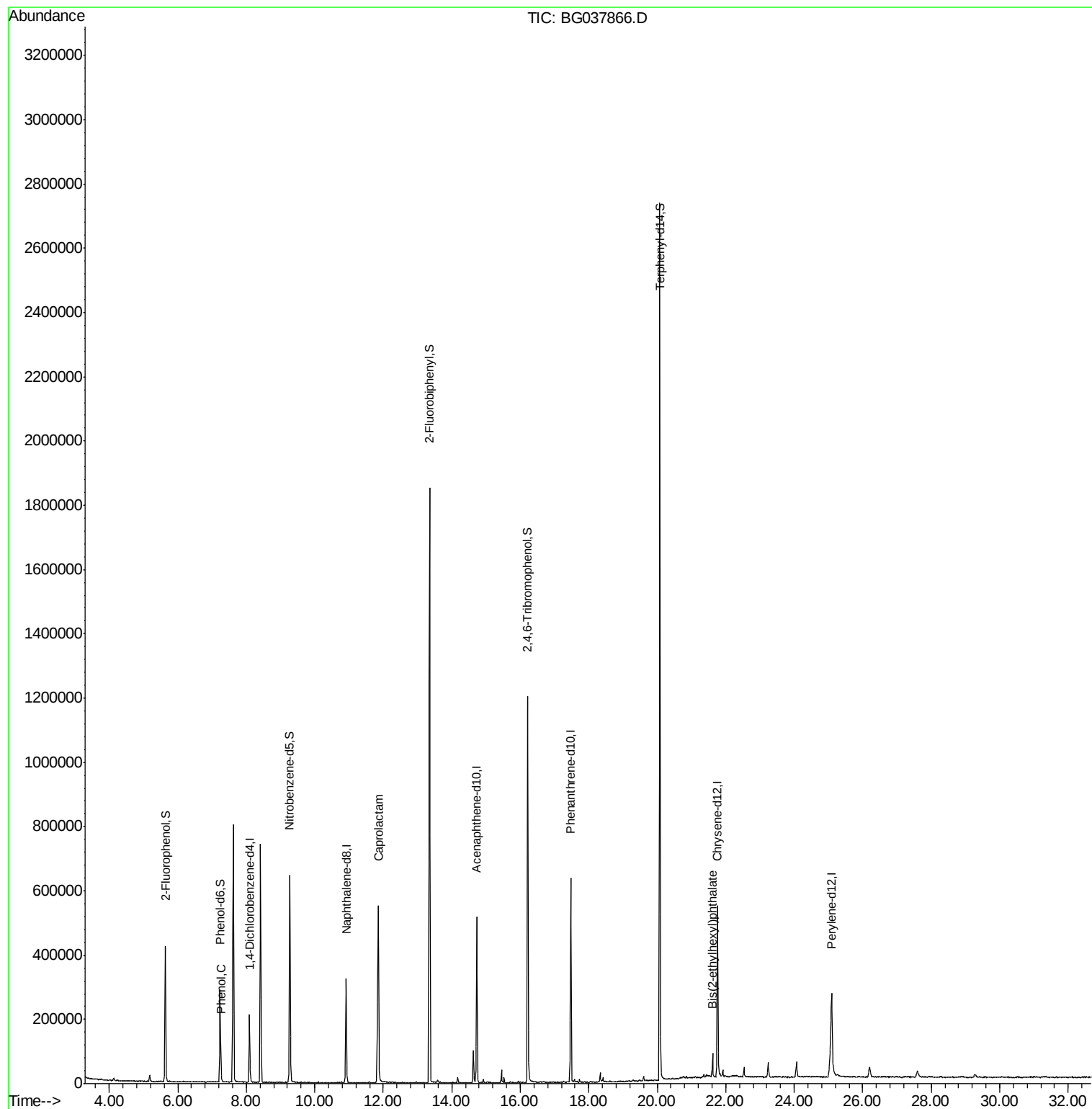
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	63503	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	286477	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	185597	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	408948	20.00	ng	0.00
76) Chrysene-d12	21.76	240	362415	20.00	ng	-0.02
87) Perylene-d12	25.09	264	347592	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	207375	54.60	ng	0.00
7) Phenol-d6	7.24	99	193616	33.71	ng	-0.02
23) Nitrobenzene-d5	9.27	82	422208	82.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	235695	116.43	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1018058	82.72	ng	-0.02
79) Terphenyl-d14	20.07	244	1367914	80.65	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	13720	2.264	ng	97
35) Caprolactam	11.86	113	134297	70.380	ng	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	31533	2.320	ng	95

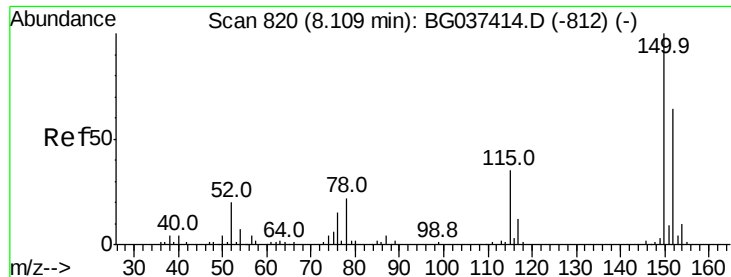
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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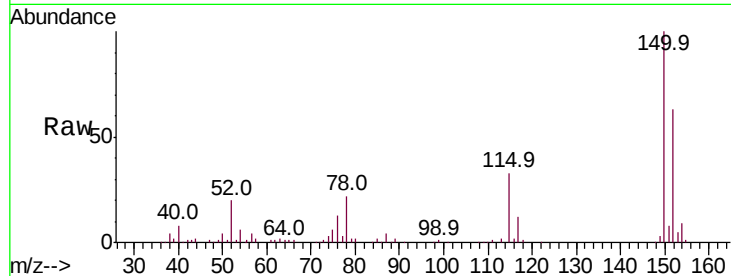


#1

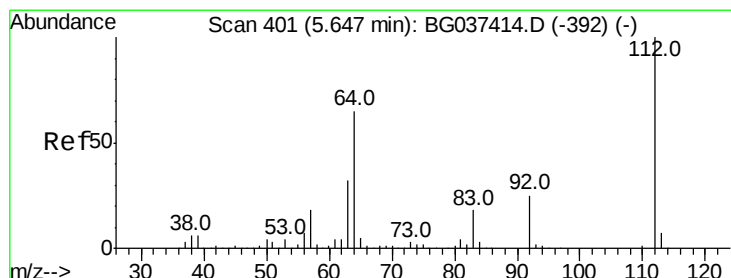
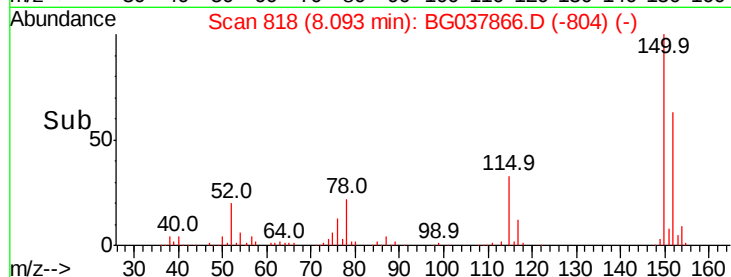
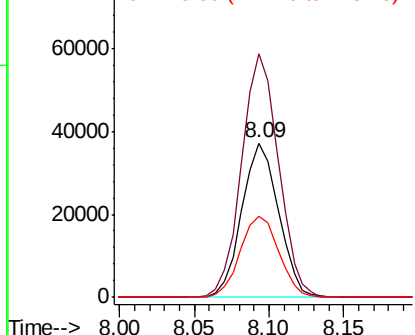
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Instrument :
BNA_G
ClientSampleId :
CPS083081

Tot Ion:152 Resp: 63503
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 52.2 45.5 68.3



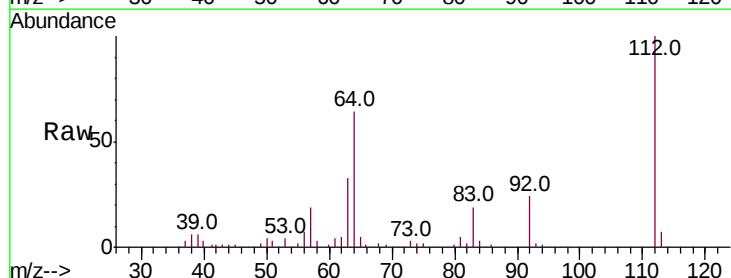
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



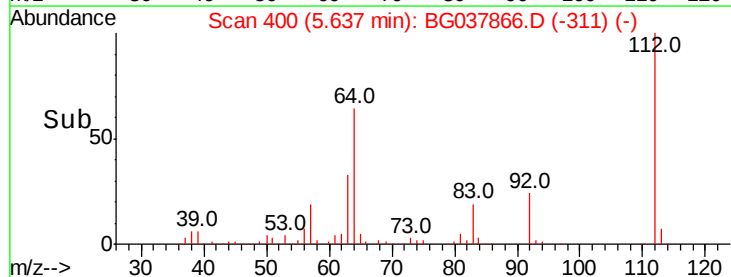
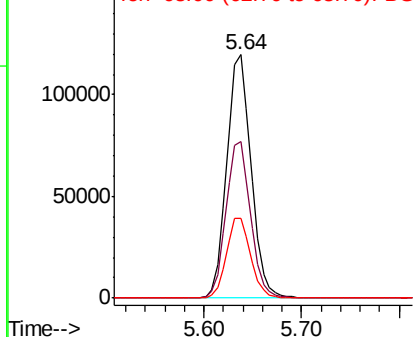
#5

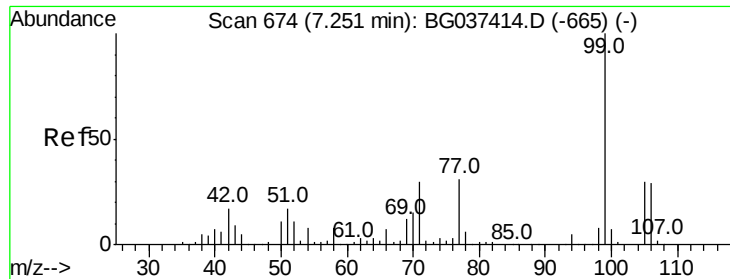
2-Fluorophenol
Concen: 54.596 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion:112 Resp: 207375
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.5 27.3 40.9



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





#7

Phenol-d6

Concen: 33.710 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampled :

CPS083081

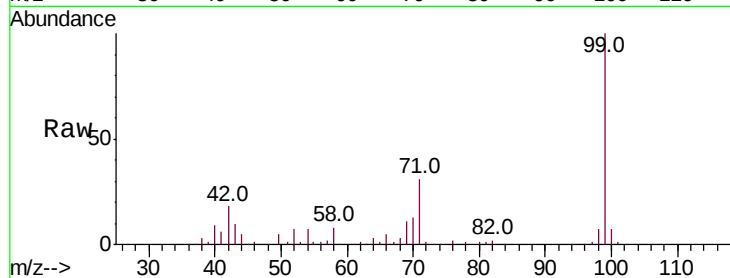
Tot Ion: 99 Resp: 193616

Ion Ratio Lower Upper

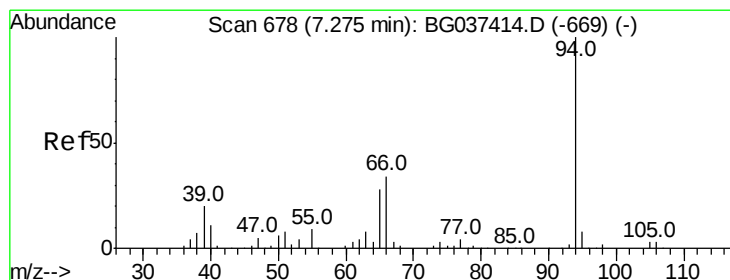
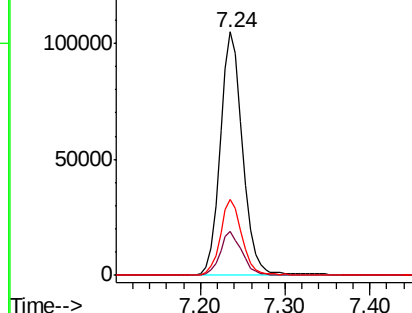
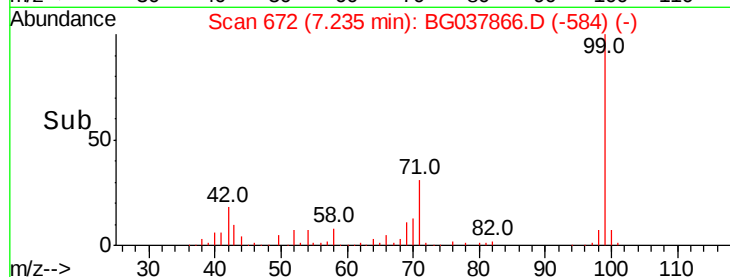
99 100

42 17.9 15.0 22.4

71 31.2 25.5 38.3



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



#10

Phenol

Concen: 2.264 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

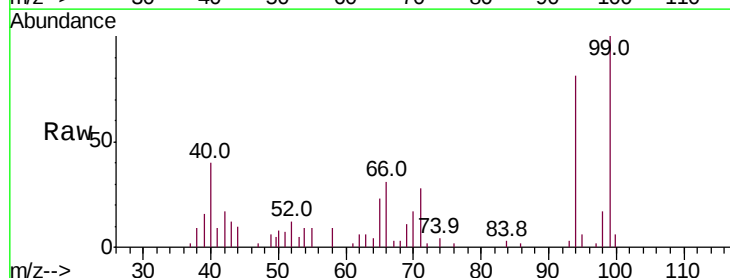
Tgt Ion: 94 Resp: 13720

Ion Ratio Lower Upper

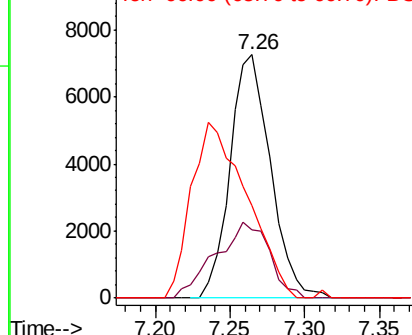
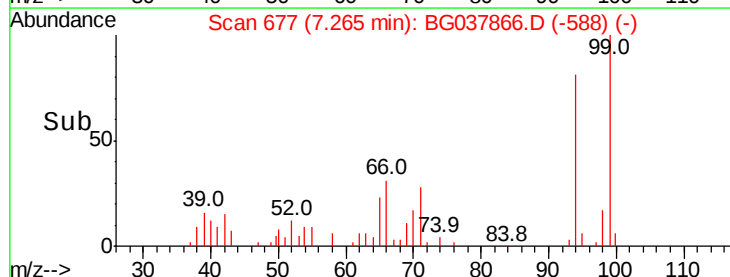
94 100

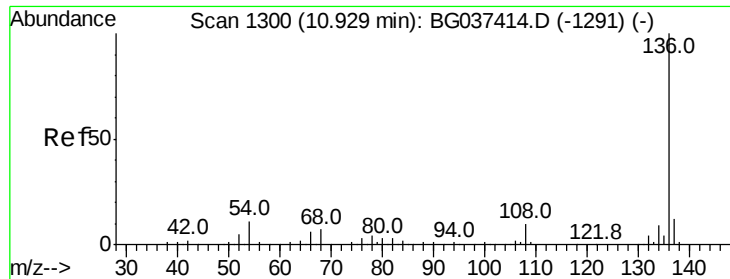
65 28.3 9.7 49.7

66 38.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

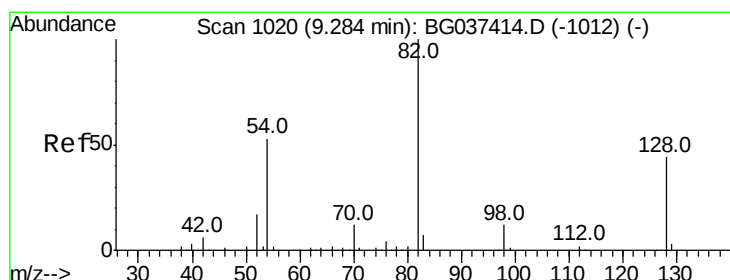
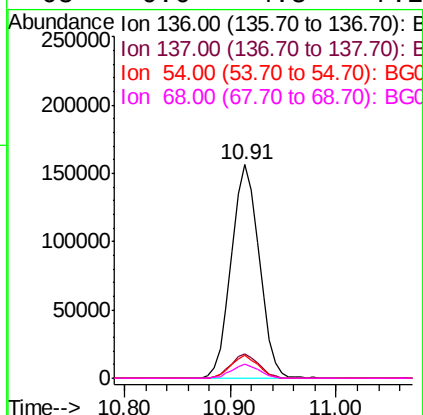
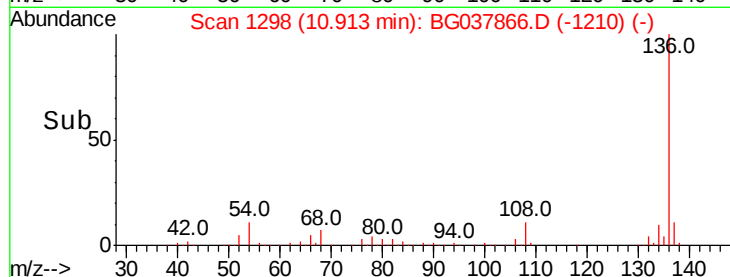
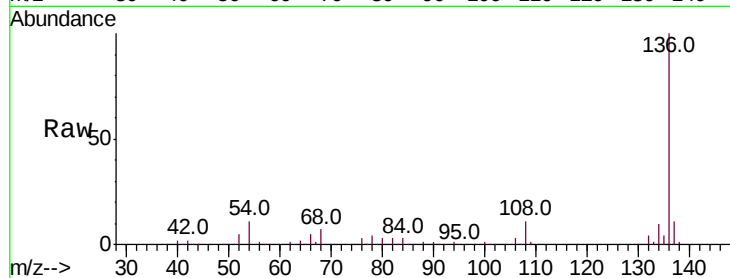




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

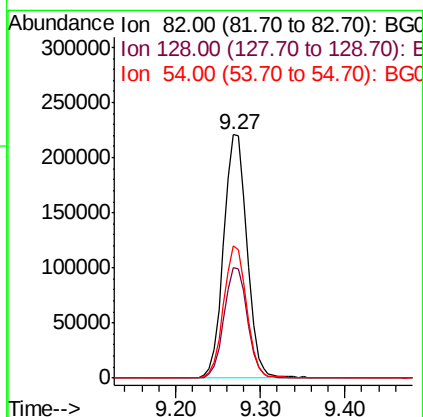
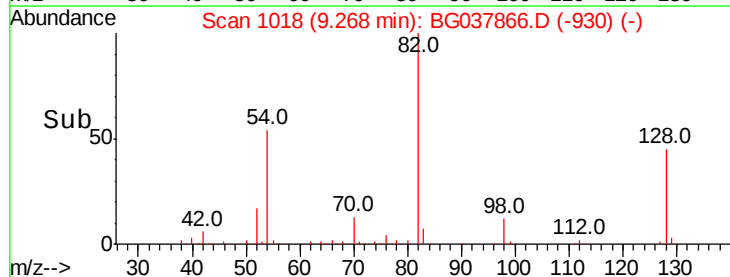
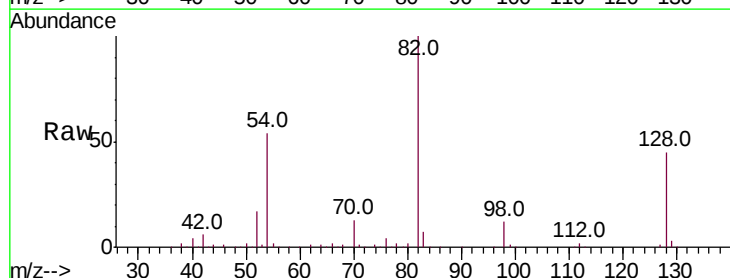
Instrument :
BNA_G
ClientSampleId :
CPS083081

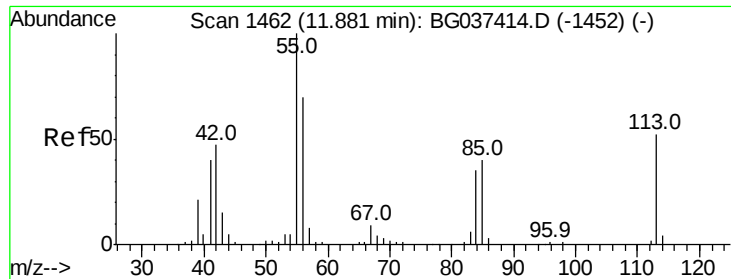
Tot Ion:	136	Resp:	286477
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.6	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.560 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion:	82	Resp:	422208
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	54.4	45.3	67.9





#35

Caprolactam

Concen: 70.380 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampled :

CPS083081

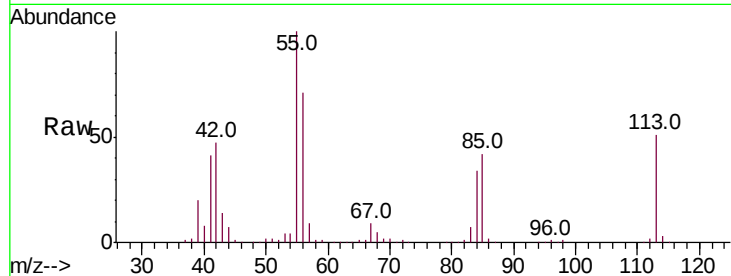
Tot Ion:113 Resp: 134297

Ion Ratio Lower Upper

113 100

55 197.6 176.6 216.6

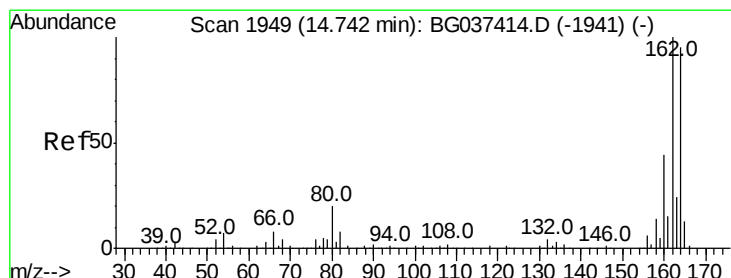
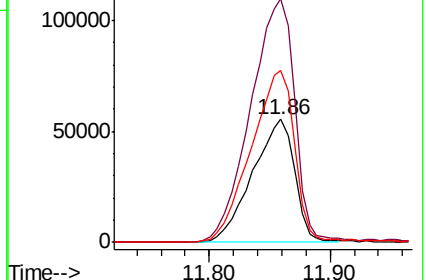
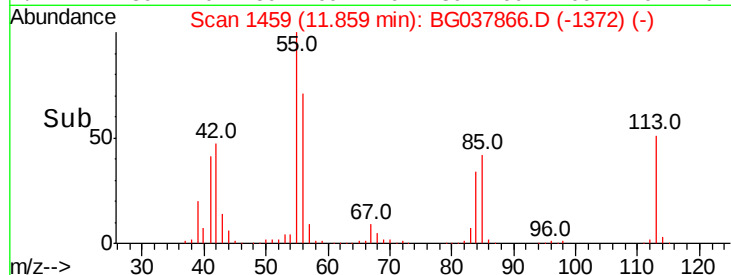
56 140.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

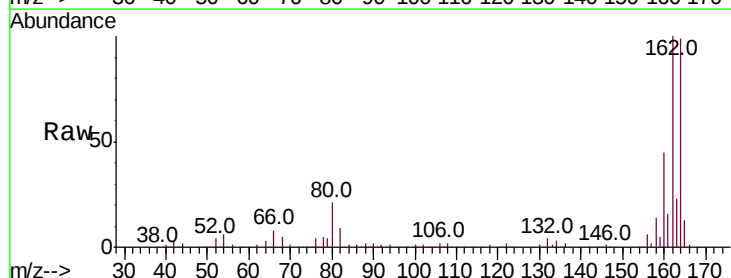
Tgt Ion:164 Resp: 185597

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

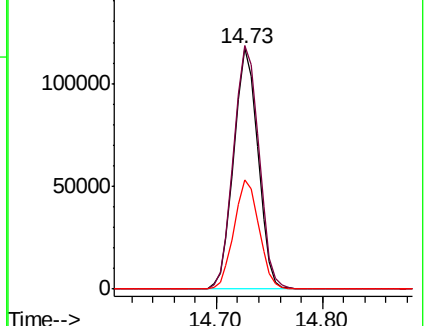
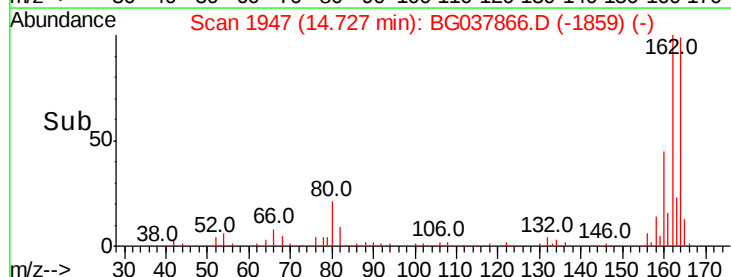
160 45.5 36.3 54.5

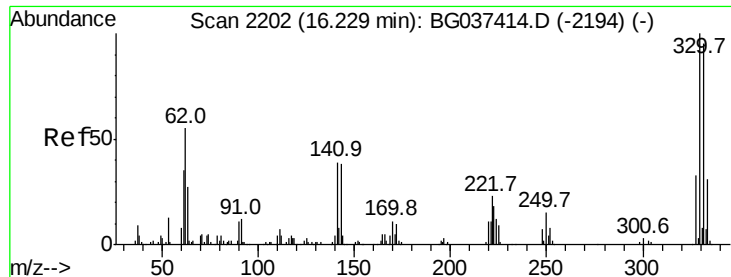


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 116.434 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampleId :

CPS083081

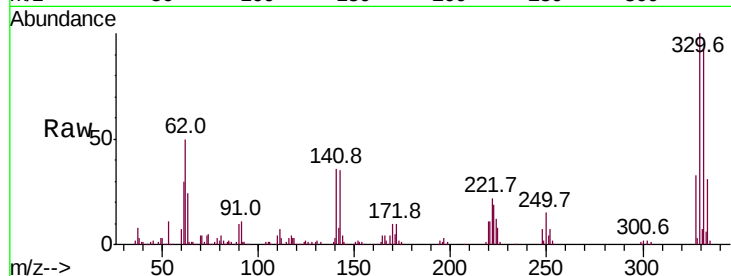
Tot Ion:330 Resp: 235695

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

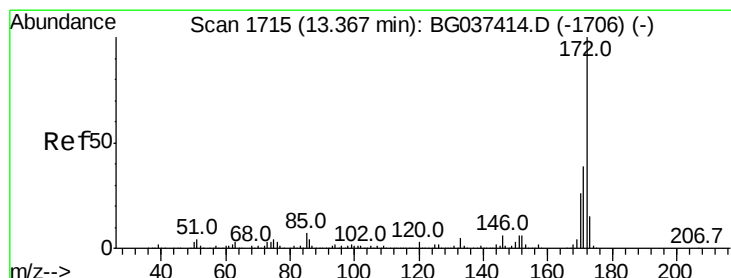
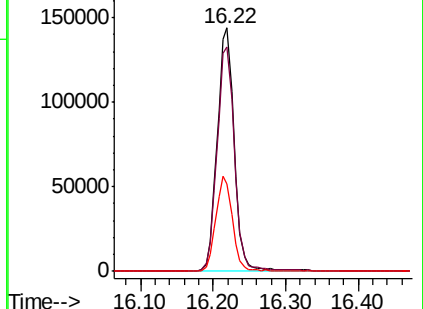
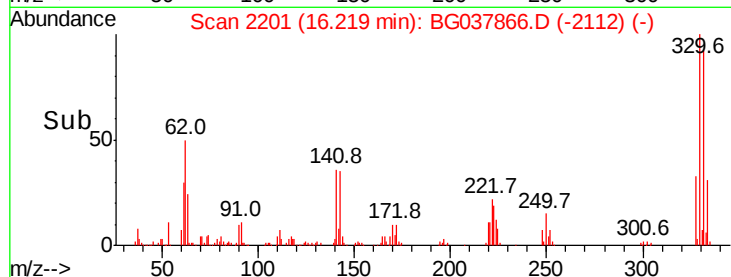
141 38.1 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 82.715 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

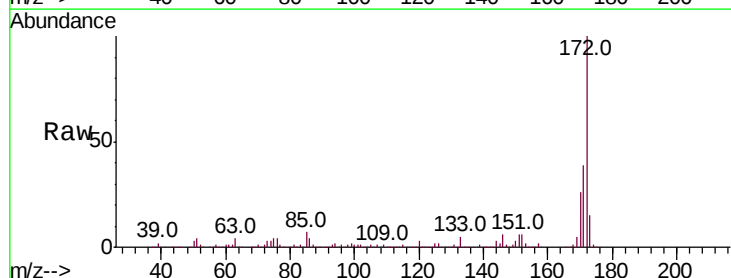
Tgt Ion:172 Resp: 1018058

Ion Ratio Lower Upper

172 100

171 39.5 31.0 46.4

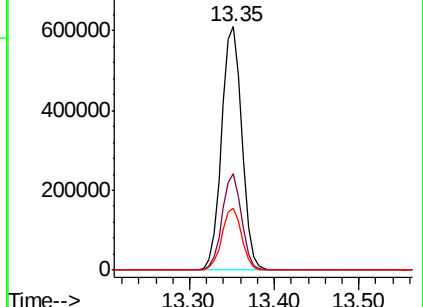
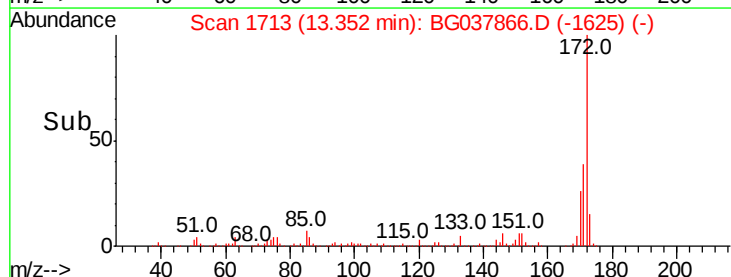
170 25.6 20.2 30.2

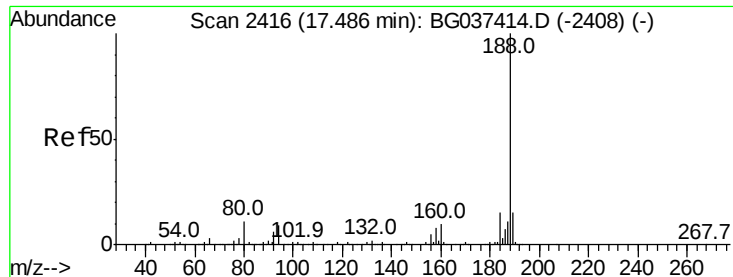


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

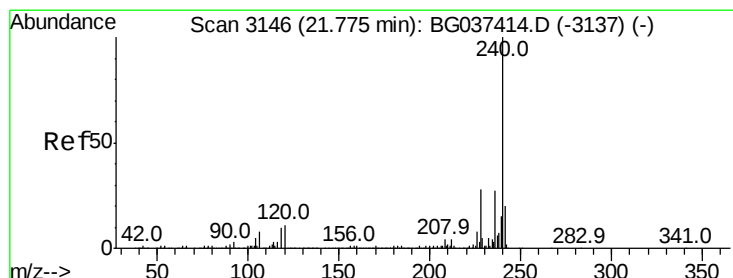
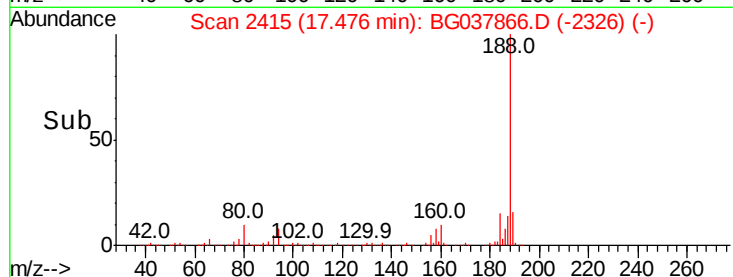
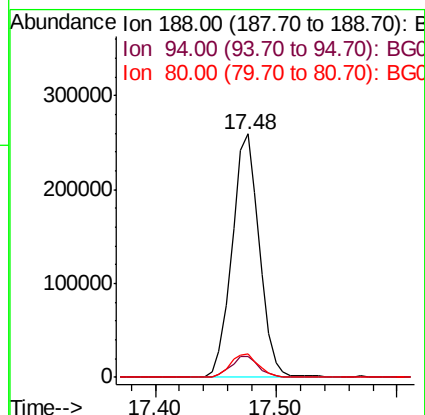
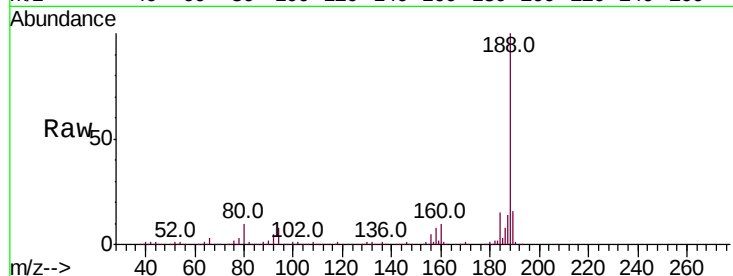




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

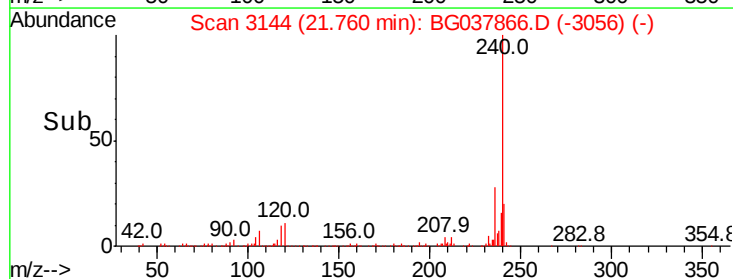
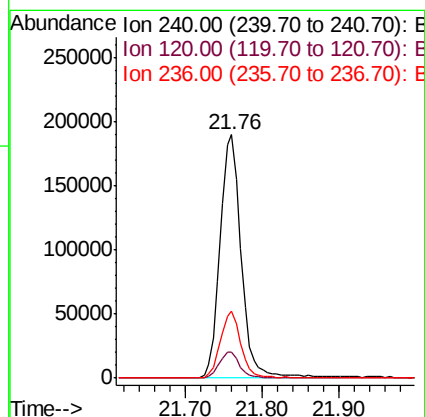
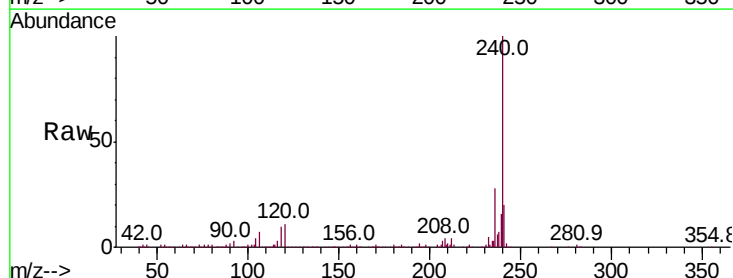
Instrument :
BNA_G
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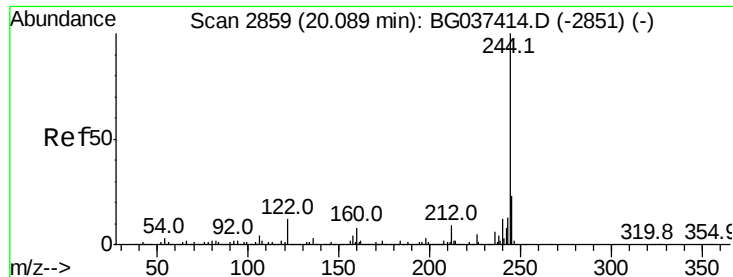
Tot Ion:188 Resp: 408948
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion:240 Resp: 362415
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.6 21.4 32.0





#79

Terphenyl-d14

Concen: 80.651 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampleId :

CPS083081

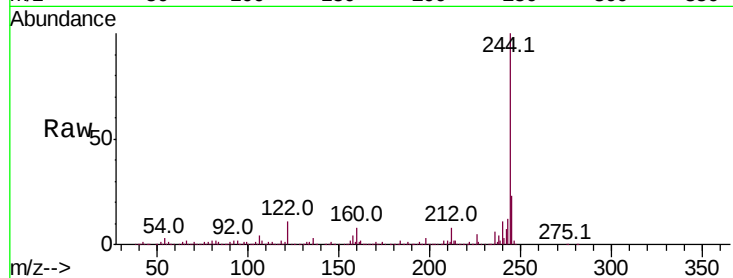
Tot Ion:244 Resp: 1367914

Ion Ratio Lower Upper

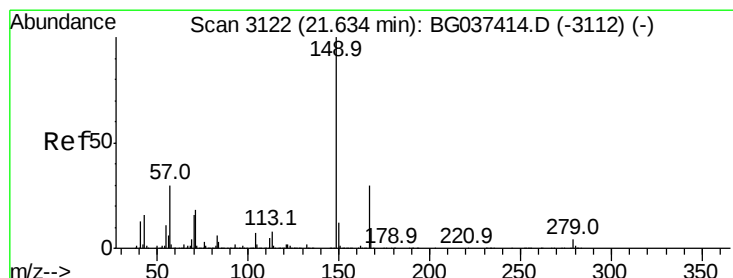
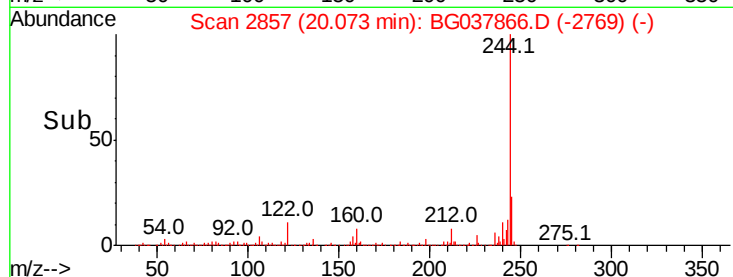
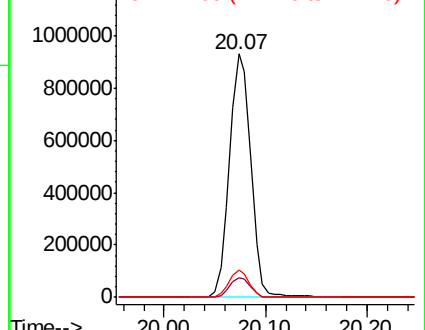
244 100

212 8.3 6.5 9.7

122 11.1 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.320 ng

RT: 21.61 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

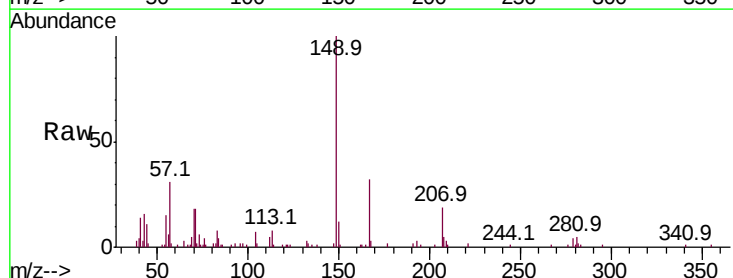
Tgt Ion:149 Resp: 31533

Ion Ratio Lower Upper

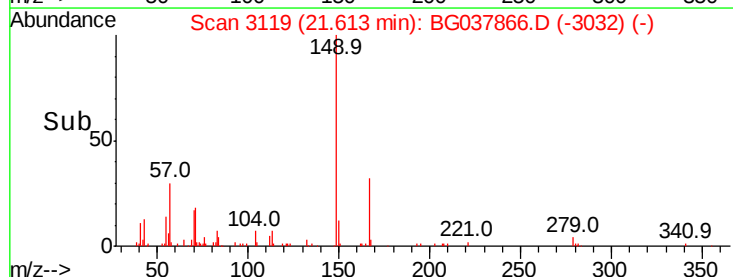
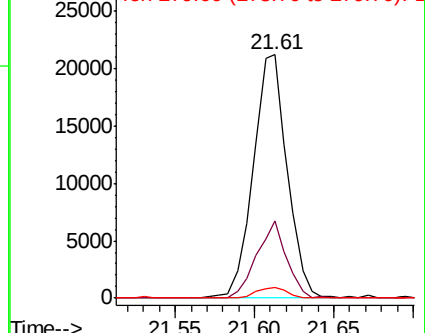
149 100

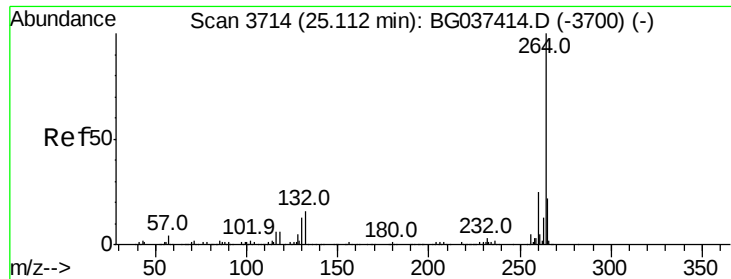
167 31.9 23.0 34.4

279 4.2 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Instrument :
BNA_G
ClientSampleId :
CPS083081

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.7	17.9	26.9

