

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037768.D
 Acq On : 2 Nov 2018 23:55
 Operator : JU/SJ
 Sample : J5780-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS133081

Quant Time: Nov 03 02:02:11 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

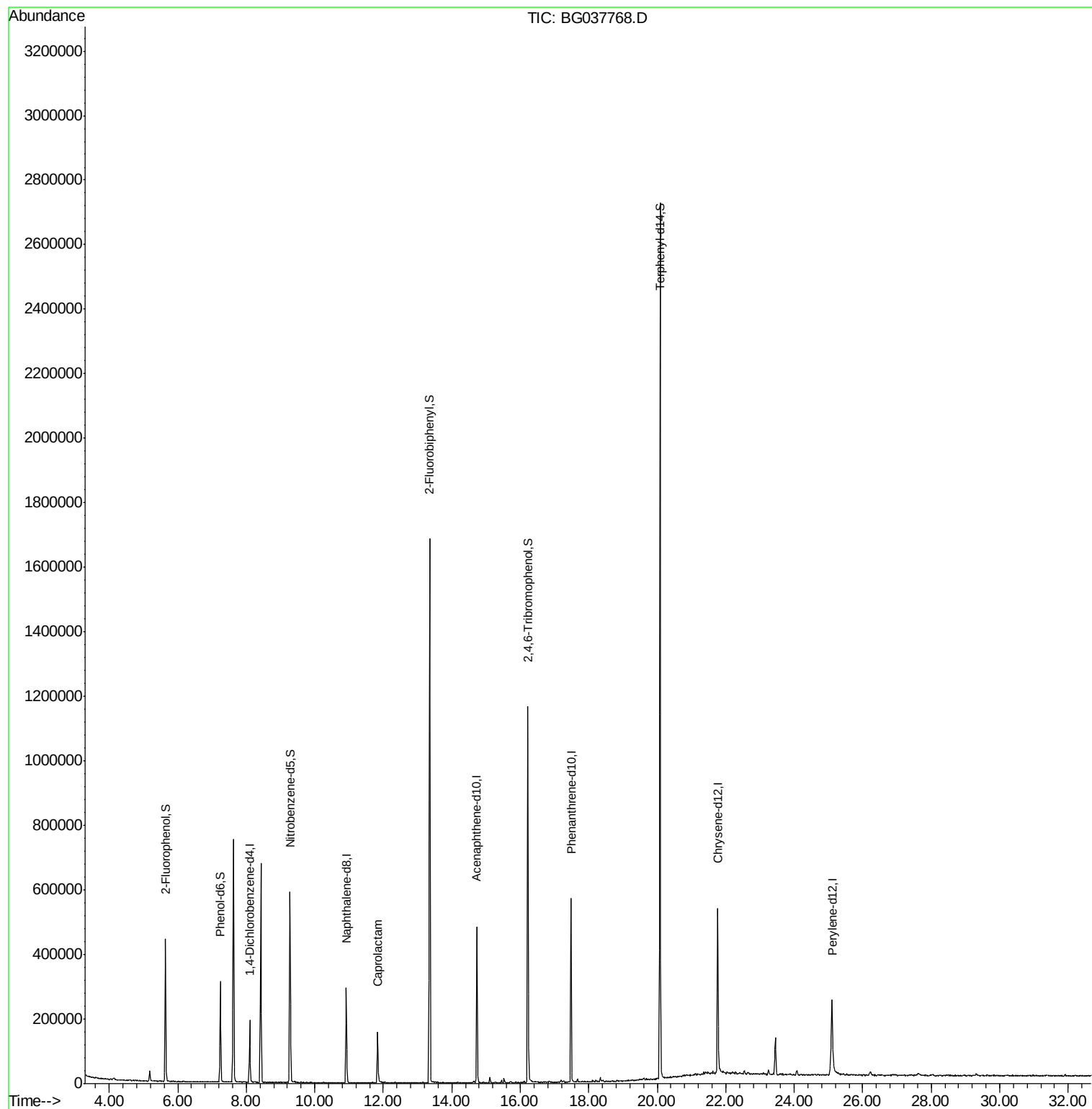
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56998	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	262757	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172044	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	375323	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339175	20.00	ng	0.00
87) Perylene-d12	25.10	264	315029	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	210587	61.77	ng	0.00
7) Phenol-d6	7.24	99	202934	39.36	ng	0.00
23) Nitrobenzene-d5	9.28	82	382349	81.52	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226105	120.50	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	950880	83.34	ng	-0.01
79) Terphenyl-d14	20.08	244	1302932	82.08	ng	0.00
Target Compounds						
35) Caprolactam	11.84	113	31545	18.024	ng	Qvalue 94

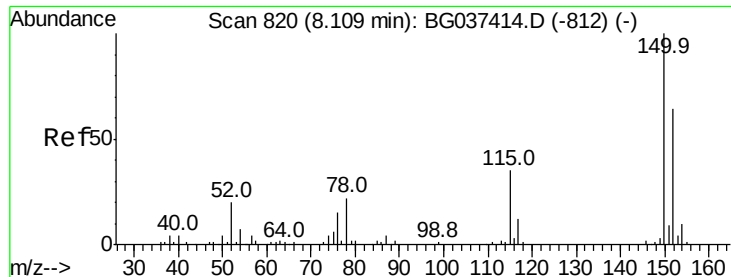
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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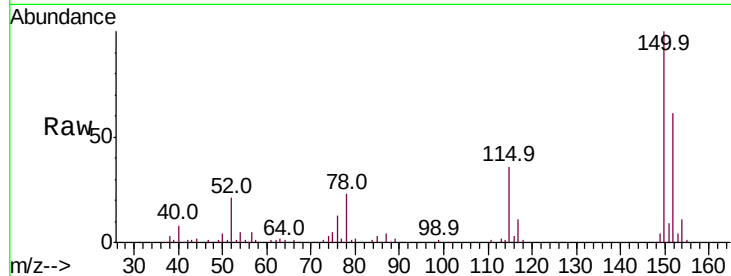


#1

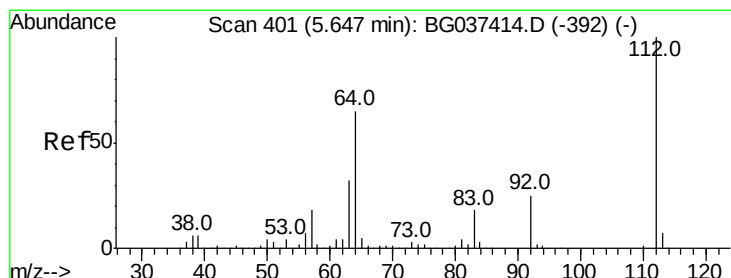
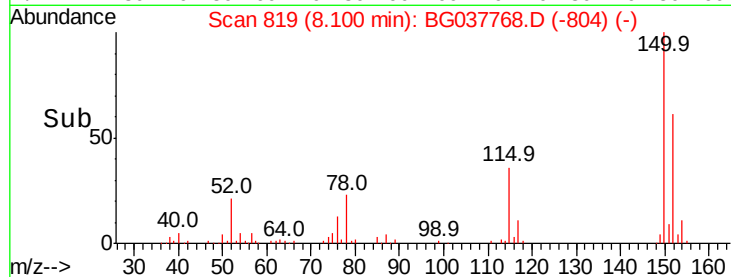
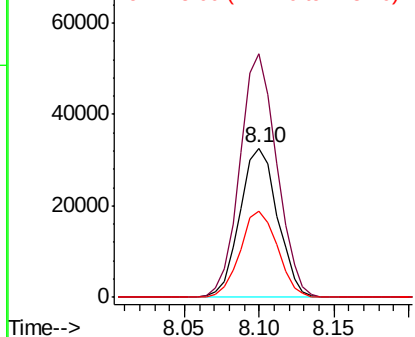
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

Instrument :
BNA_G
ClientSampleId :
CPS133081

Tot Ion:152 Resp: 56998
Ion Ratio Lower Upper
152 100
150 163.1 126.0 189.0
115 58.1 45.5 68.3



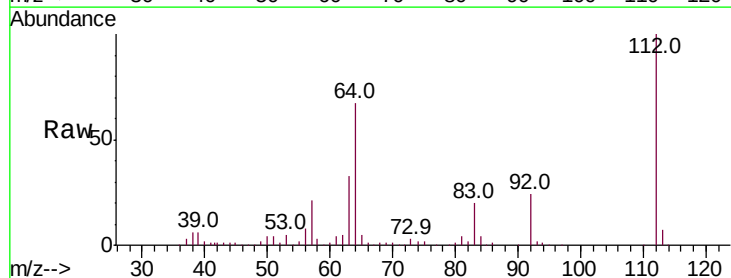
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



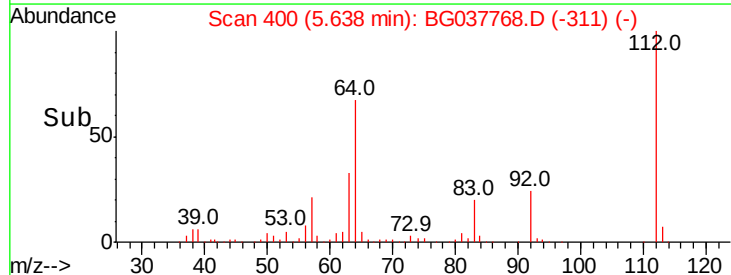
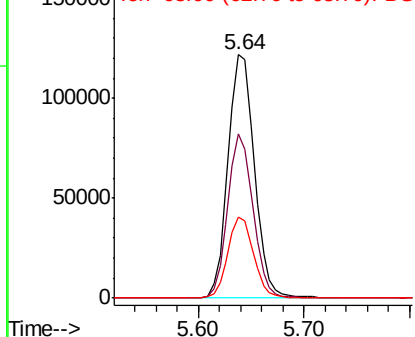
#5

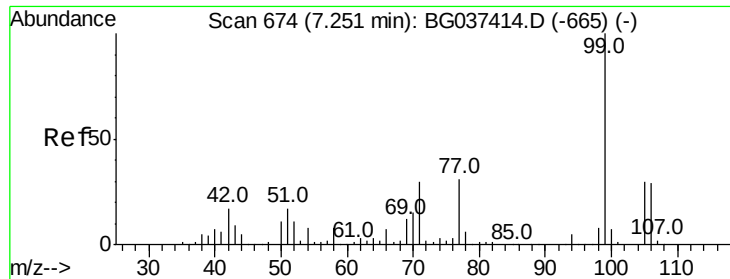
2-Fluorophenol
Concen: 61.769 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

Tgt Ion:112 Resp: 210587
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 33.2 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: 39.365 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampled :

CPS133081

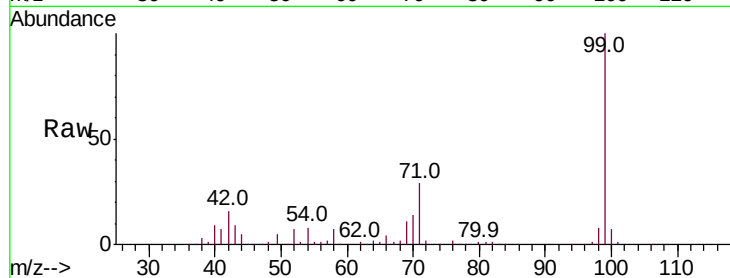
Tot Ion: 99 Resp: 202934

Ion Ratio Lower Upper

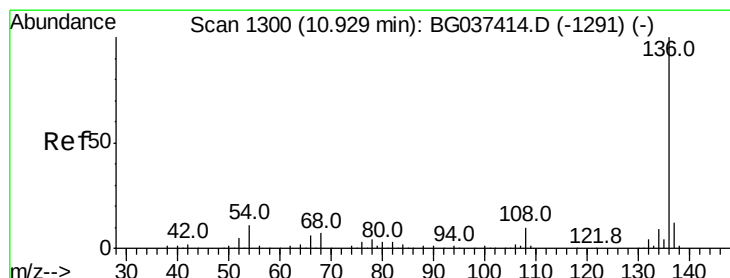
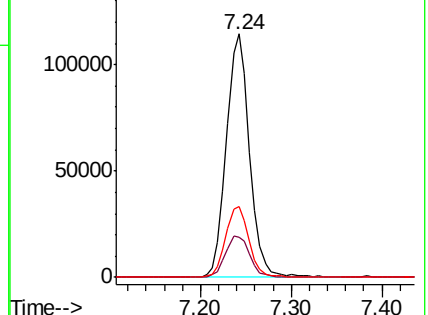
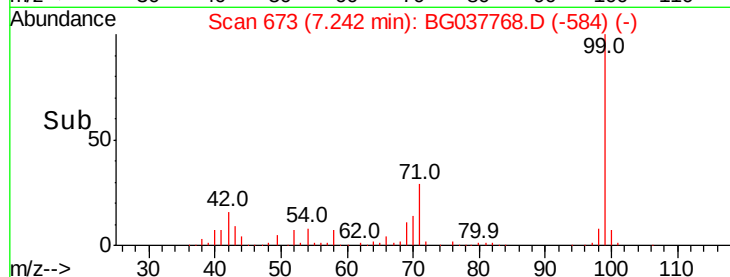
99 100

42 16.2 15.0 22.4

71 29.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Tgt Ion: 136 Resp: 262757

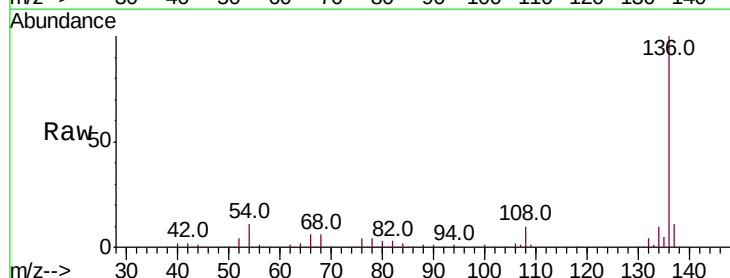
Ion Ratio Lower Upper

136 100

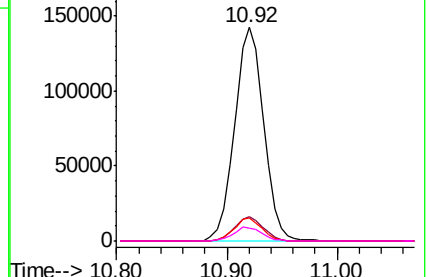
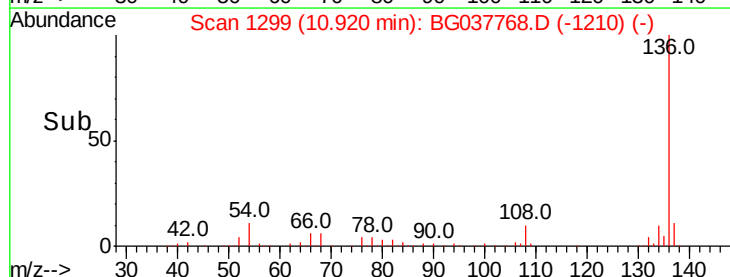
137 11.5 9.6 14.4

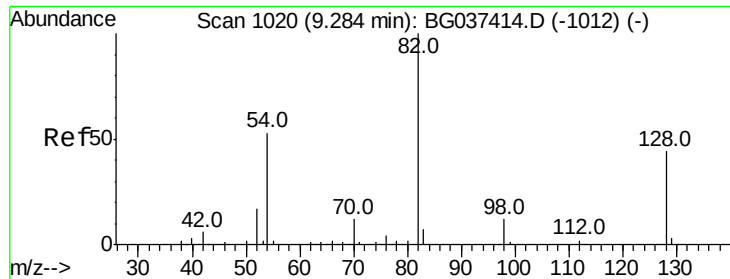
54 10.9 7.9 11.9

68 6.1 4.8 7.2



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

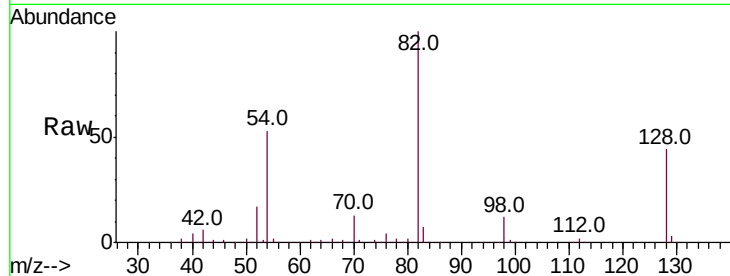




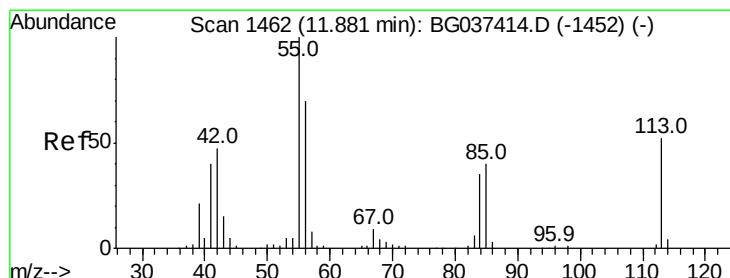
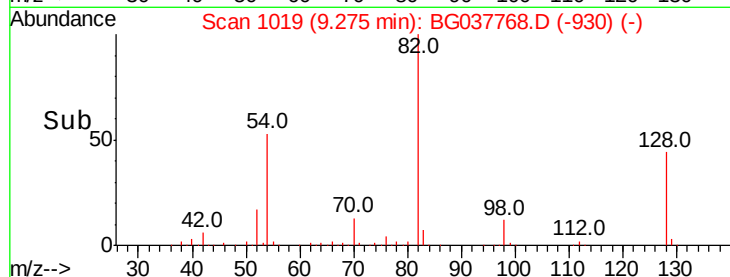
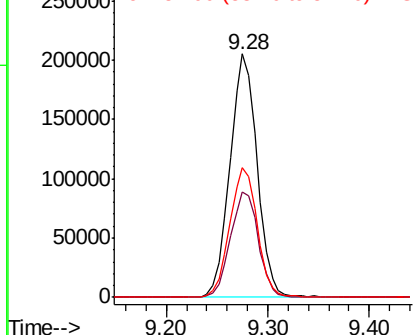
#23
 Nitrobenzene-d5
 Concen: 81.516 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Instrument :
 BNA_G
 ClientSampleId :
 CPS133081

Tot Ion	82	Resp	382349
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.6	51.8
54	53.1	45.3	67.9

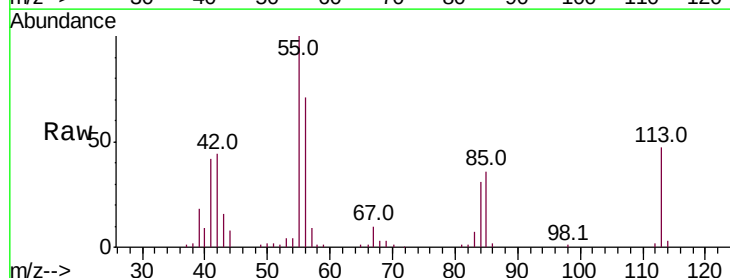


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

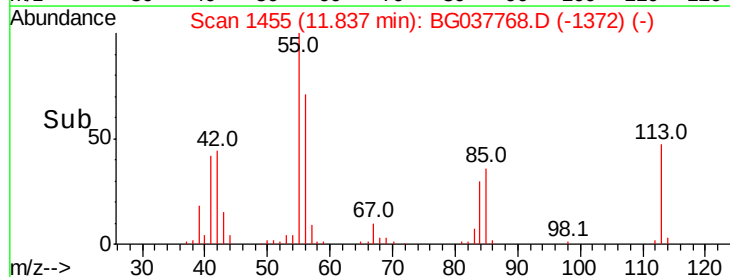
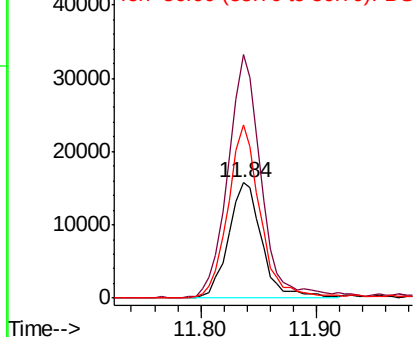


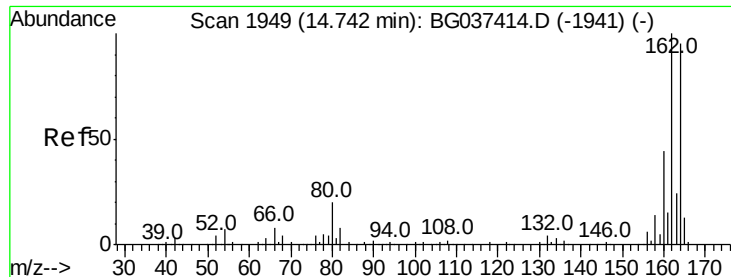
#35
 Caprolactam
 Concen: 18.024 ng
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Tgt Ion	113	Resp	31545
Ion Ratio	Lower	Upper	
113	100		
55	211.1	176.6	216.6
56	150.2	128.3	168.3



Abundance Ion 113.00 (112.70 to 113.70): BGC
 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# 1948

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampled :

CPS133081

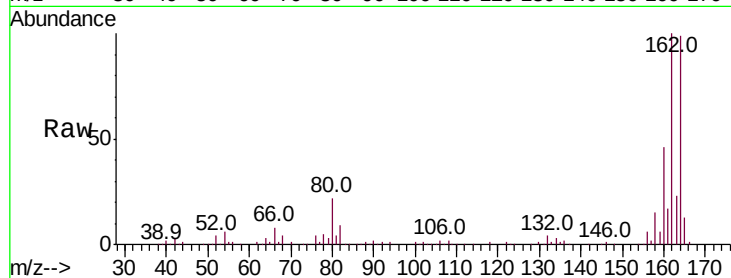
Tot Ion:164 Resp: 172044

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

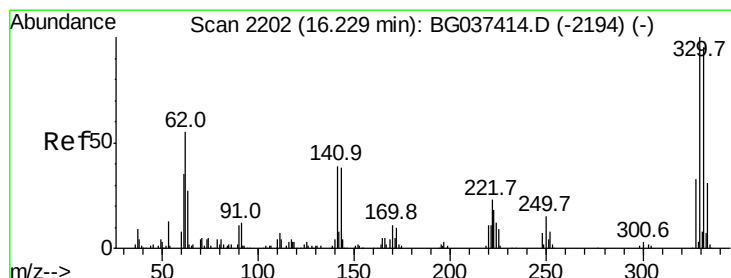
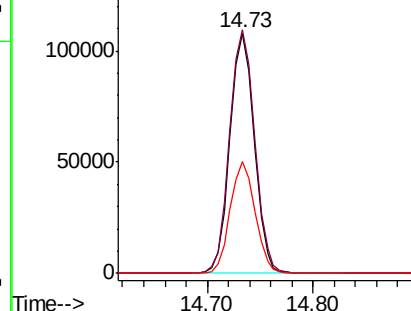
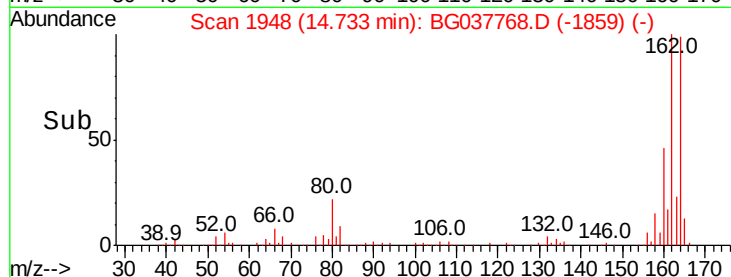
160 46.3 36.3 54.5



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: 120.495 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

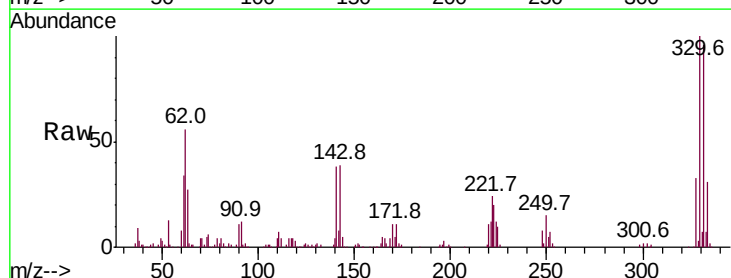
Tgt Ion:330 Resp: 226105

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

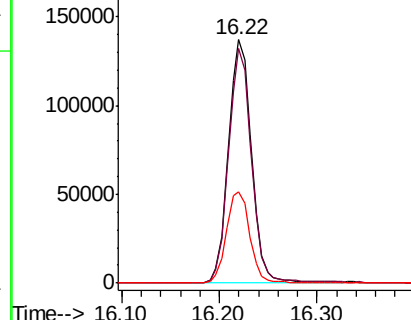
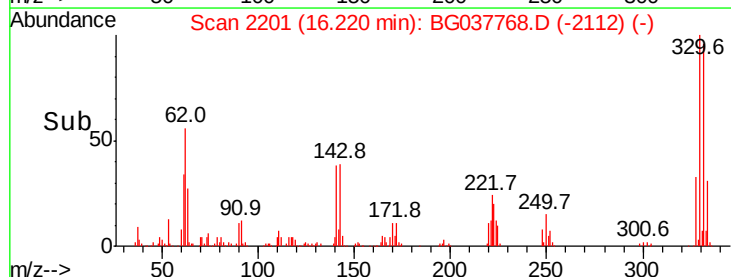
141 38.2 32.2 48.2

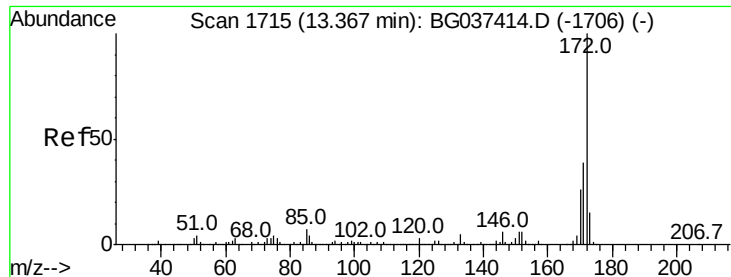


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

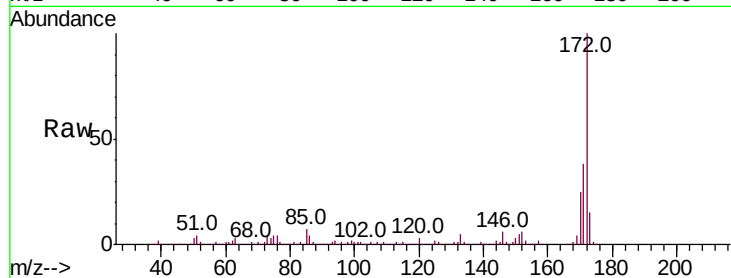




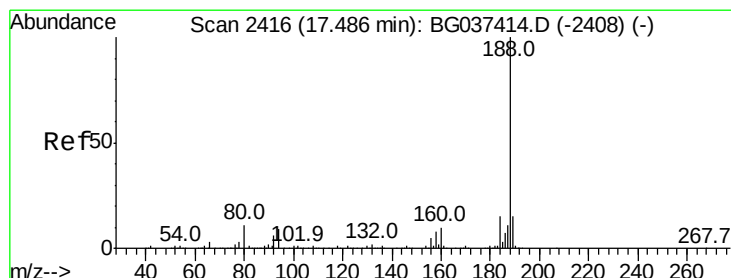
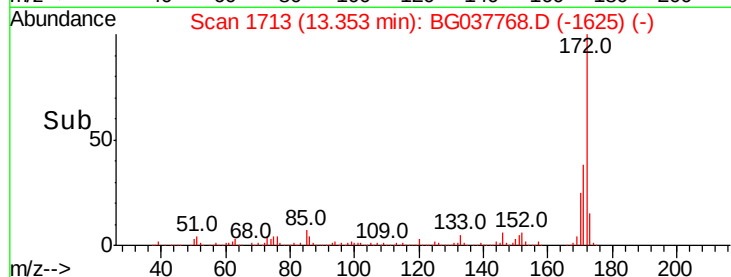
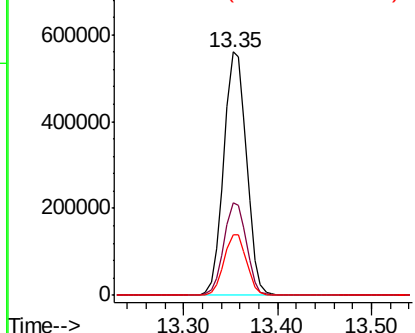
#45
 2-Fluorobiphenyl
 Concen: 83.343 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Instrument :
 BNA_G
 ClientSampleId :
 CPS133081

Tot Ion:172 Resp: 950880
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 24.9 20.2 30.2

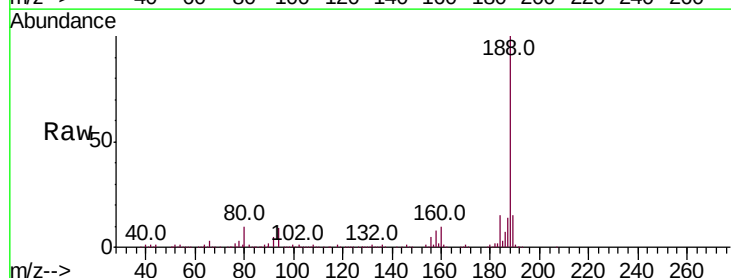


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

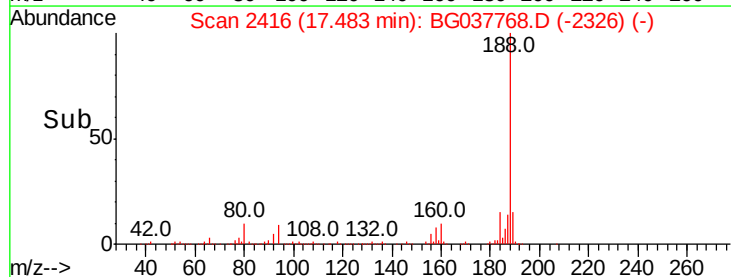
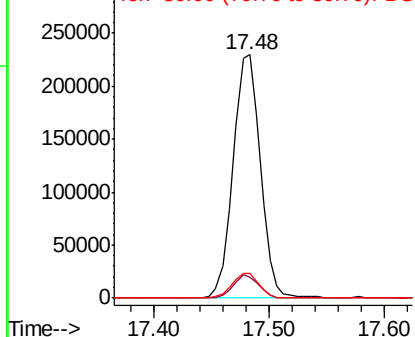


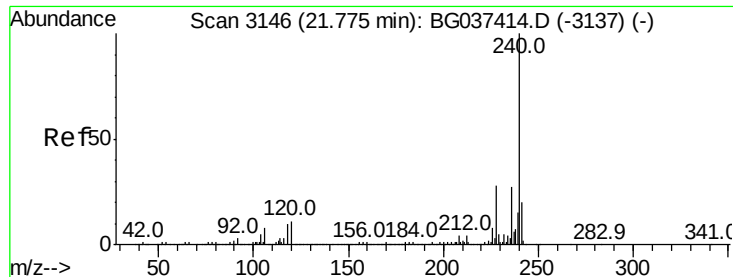
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Tgt Ion:188 Resp: 375323
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 10.1 7.7 11.5



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampleId :

CPS133081

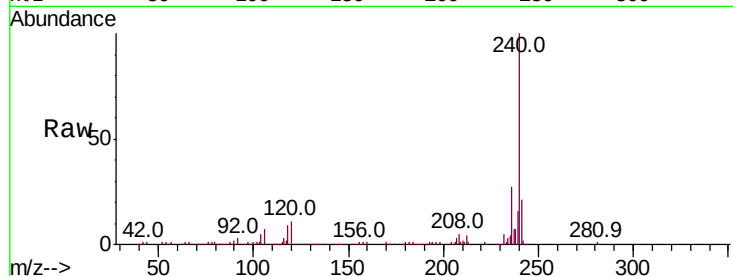
Tot Ion:240 Resp: 339175

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.7	21.4	32.0

240 100

120 10.7 8.1 12.1

236 26.7 21.4 32.0

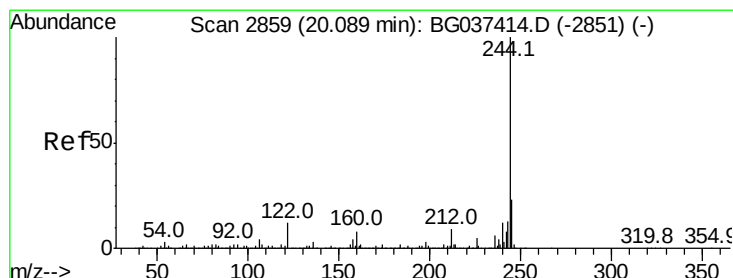
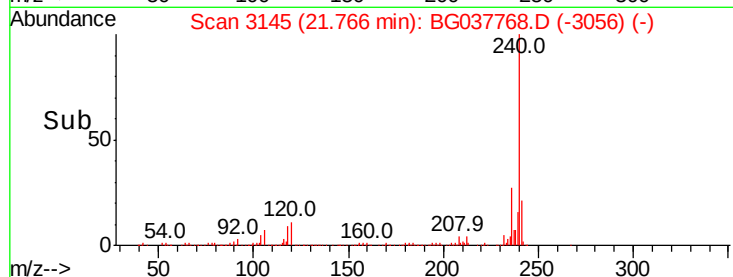
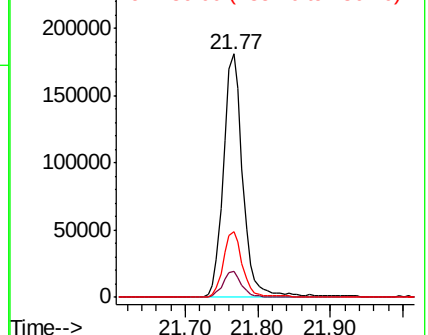


Abundance

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



#79

Terphenyl-d14

Concen: 82.083 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

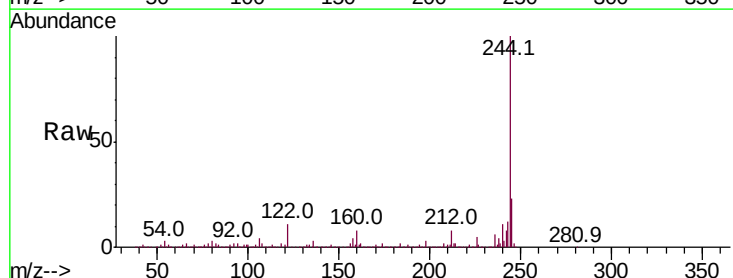
Tgt Ion:244 Resp: 1302932

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.2	9.0	13.4

244 100

212 8.1 6.5 9.7

122 11.2 9.0 13.4

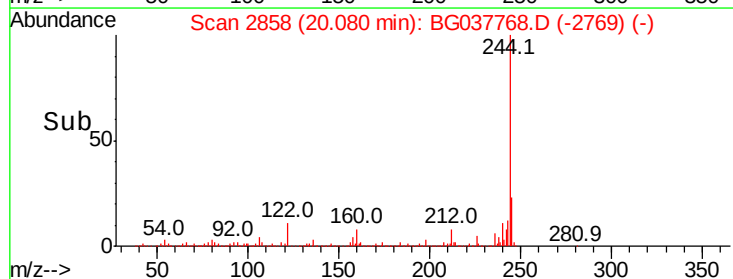
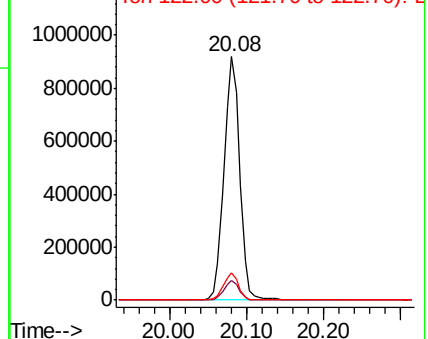


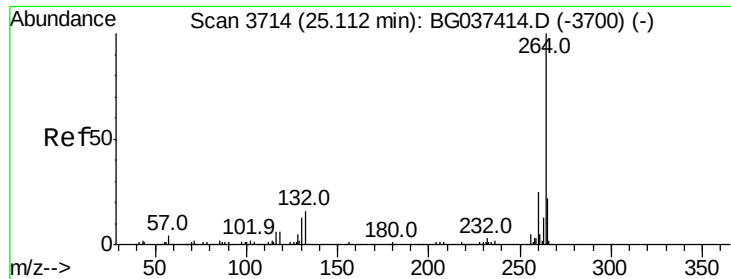
Abundance

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

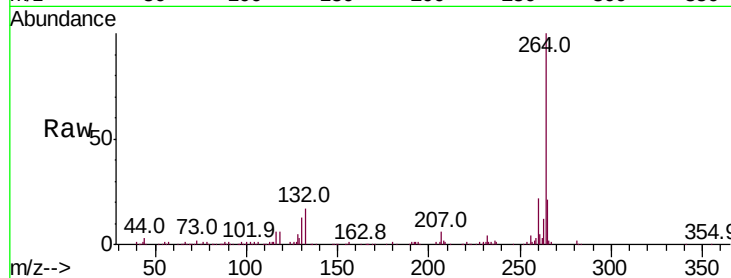




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

Instrument :
BNA_G
ClientSampleId :
CPS133081

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	21.1	17.9	26.9



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

