

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037377.D
 Acq On : 17 Oct 2018 5:40
 Operator : JU/SJ
 Sample : J5198-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-B

Quant Time: Oct 17 07:17:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	71041	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	302120	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	203435	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	496668	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	469113	20.00	ng	-0.02
87) Perylene-d12	25.12	264	466053	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	430551	106.66	ng	0.00
7) Phenol-d6	7.25	99	544248	88.83	ng	0.00
23) Nitrobenzene-d5	9.29	82	395743	86.12	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	213864	107.19	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	957583	70.69	ng	-0.01
79) Terphenyl-d14	20.09	244	1477821	66.15	ng	-0.01

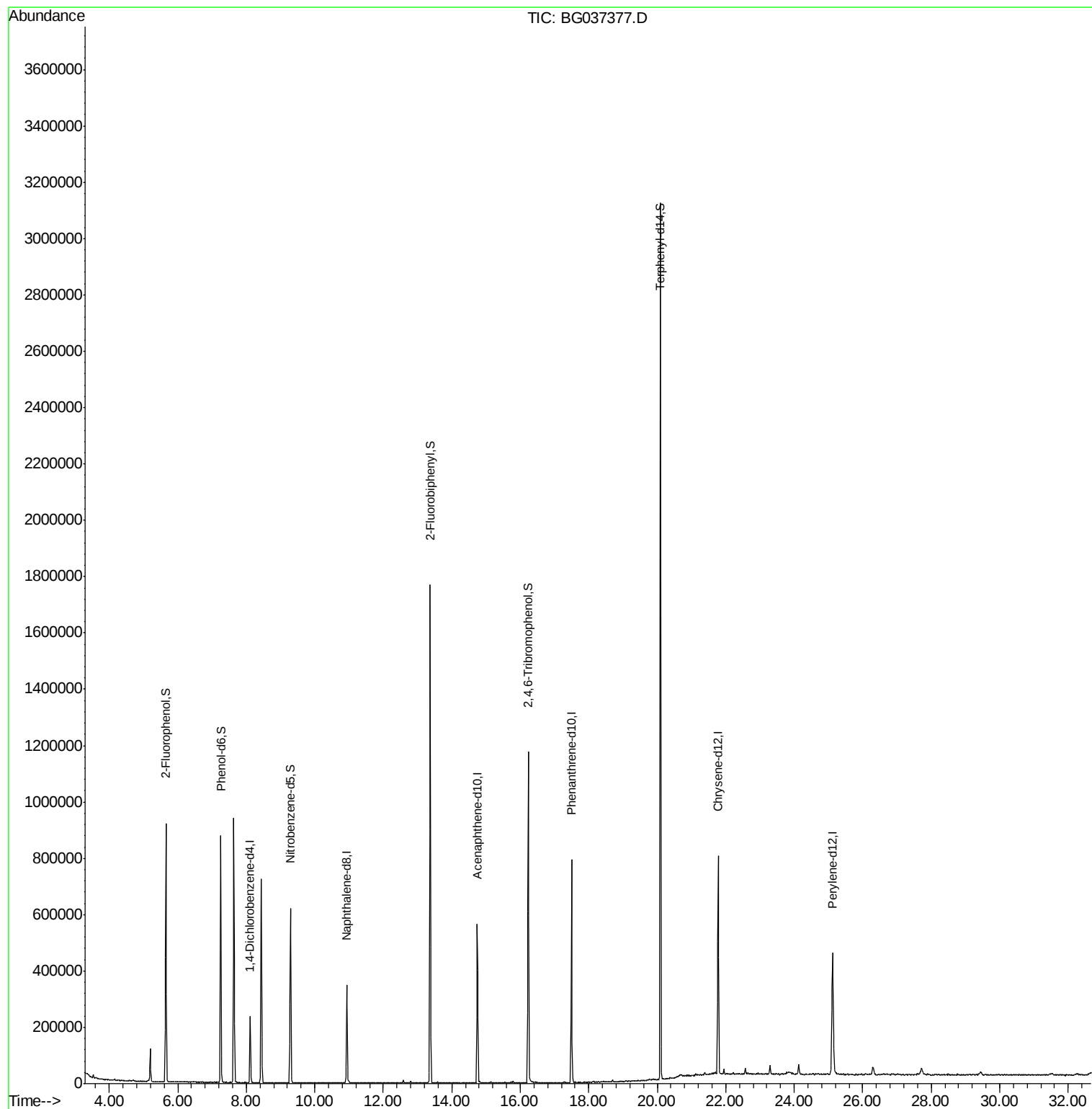
Target Compounds Qvalue

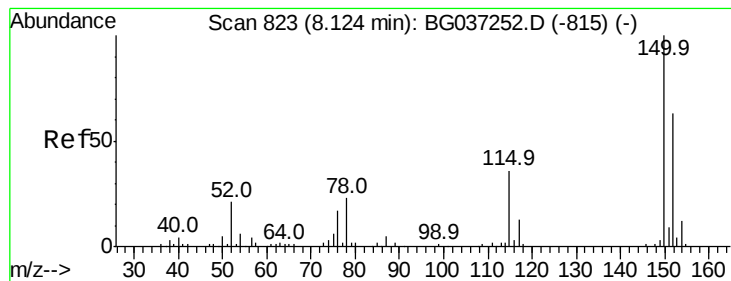
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037377.D
Acq On : 17 Oct 2018 5:40
Operator : JU/SJ
Sample : J5198-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-B

Quant Time: Oct 17 07:17:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



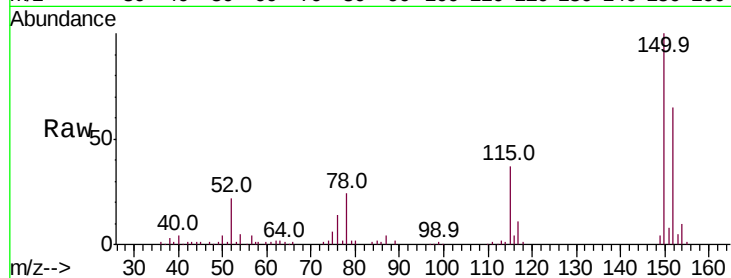


#1

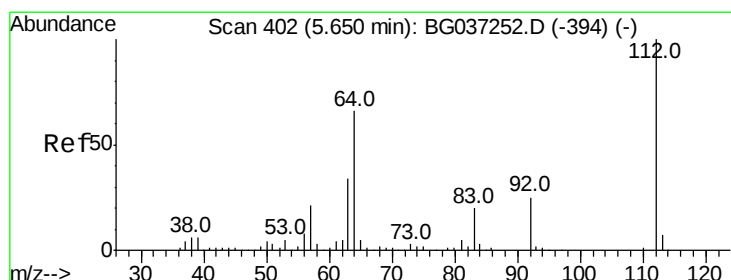
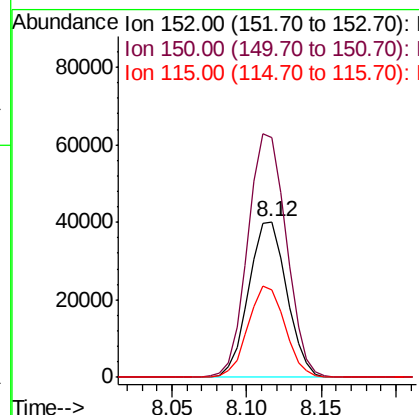
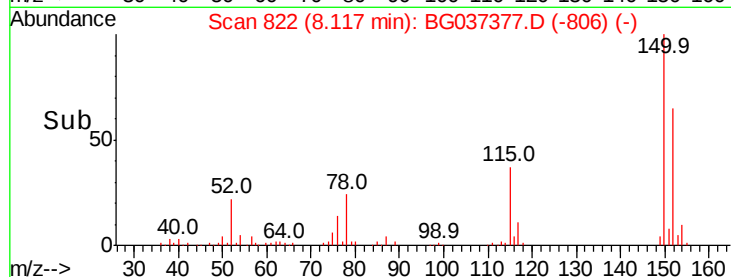
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-B

Tot Ion:152 Resp: 71041
Ion Ratio Lower Upper
152 100
150 154.0 126.0 189.0
115 56.4 45.5 68.3



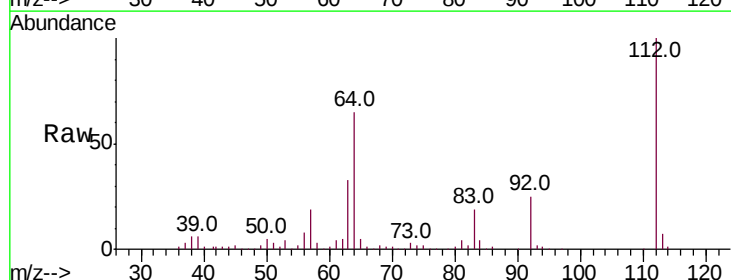
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



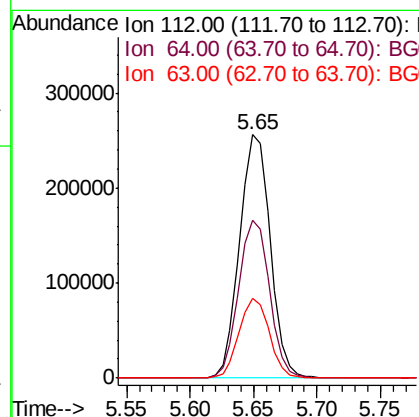
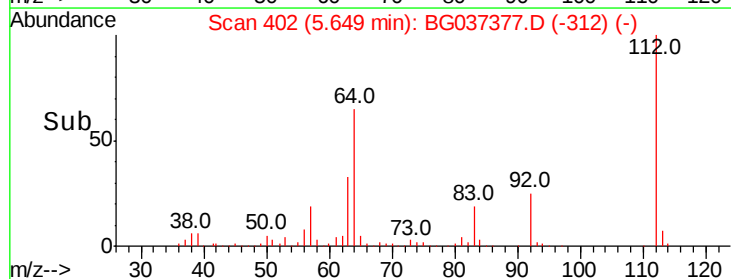
#5

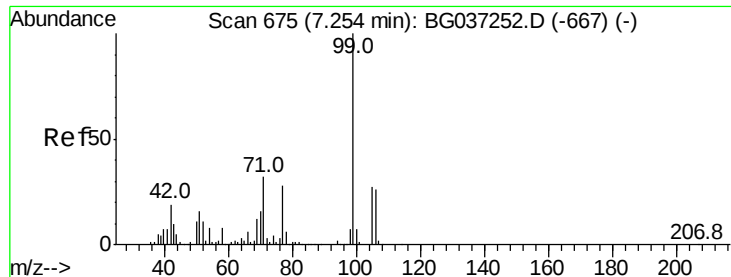
2-Fluorophenol
Concen: 106.661 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:112 Resp: 430551
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.8 27.3 40.9



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: 88.828 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037377.D

Acq: 17 Oct 2018 5:40

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-B

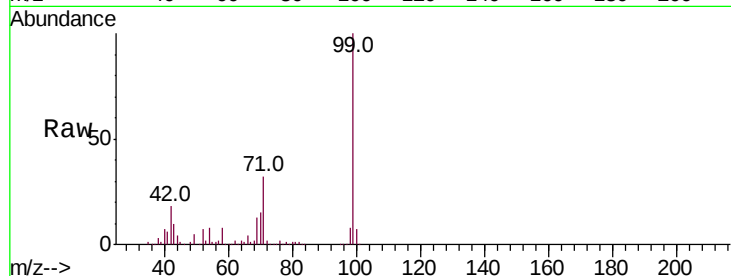
Tot Ion: 99 Resp: 544248

Ion Ratio Lower Upper

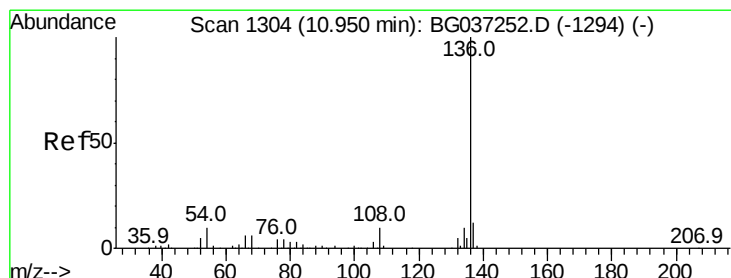
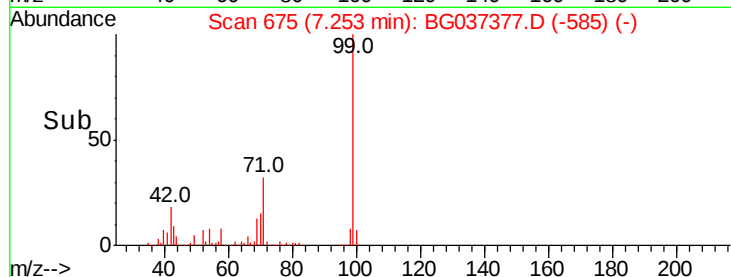
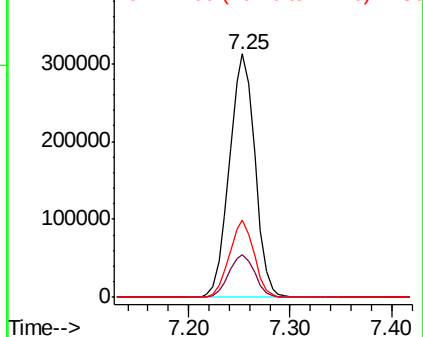
99 100

42 17.7 15.0 22.4

71 31.7 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: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037377.D

Acq: 17 Oct 2018 5:40

Tgt Ion: 136 Resp: 302120

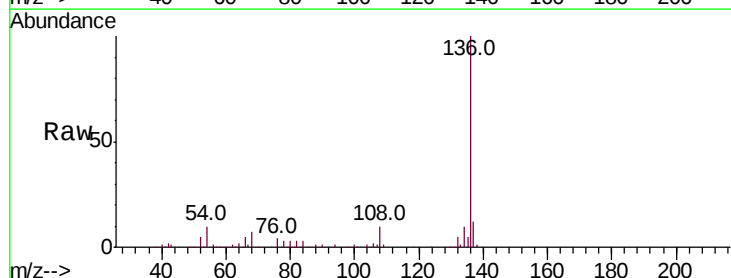
Ion Ratio Lower Upper

136 100

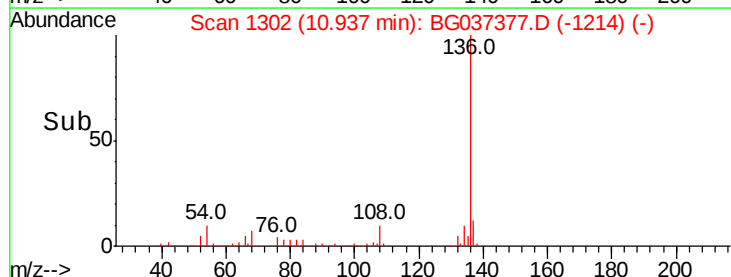
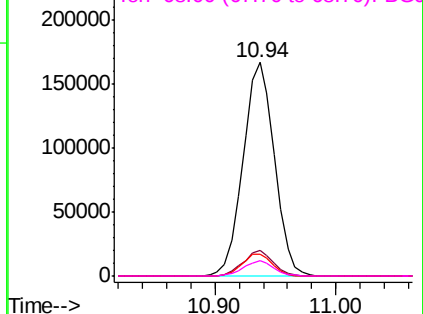
137 12.2 9.6 14.4

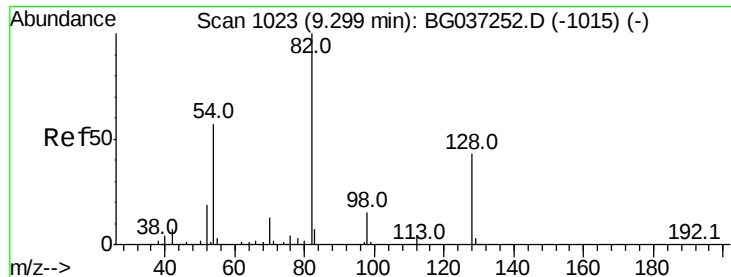
54 10.1 7.9 11.9

68 7.2 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

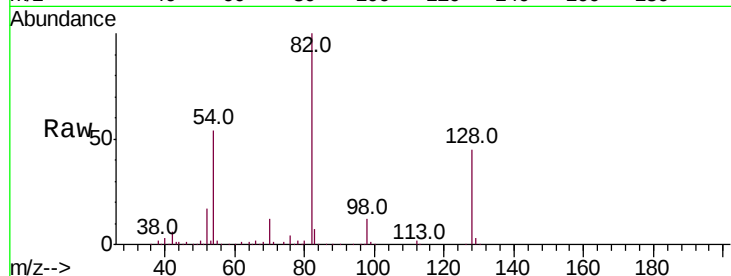




#23
Nitrobenzene-d5
Concen: 86.118 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-B

Tot Ion	82	Resp	395743
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	53.6	45.3	67.9

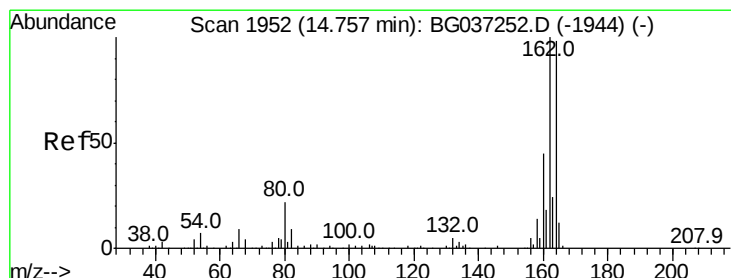
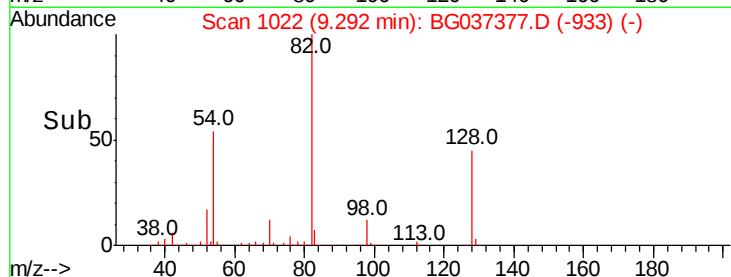
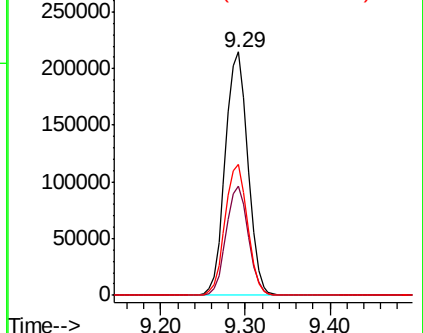


Abundance

Ion 82.00 (81.70 to 82.70): BGC

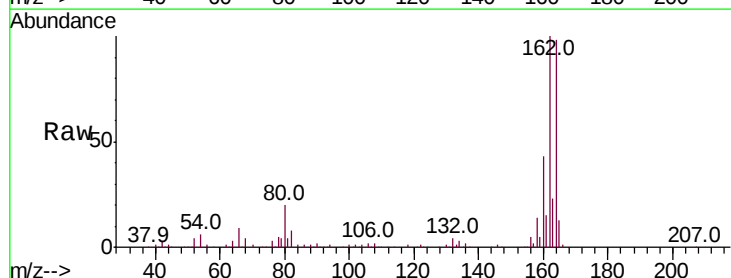
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion	164	Resp	203435
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	44.0	36.3	54.5

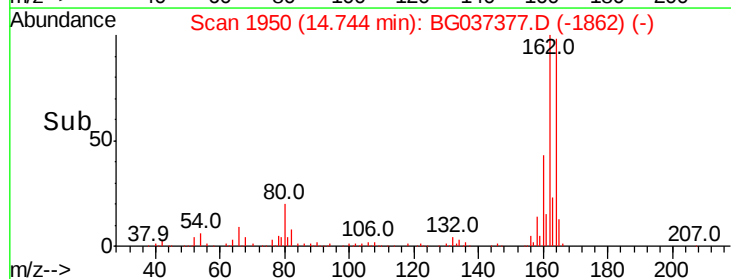
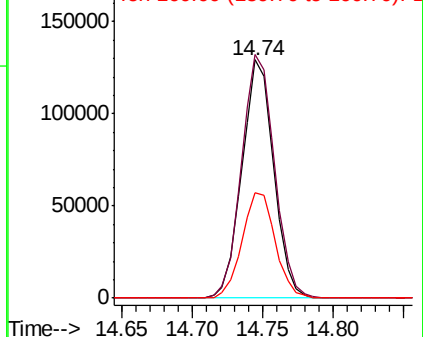


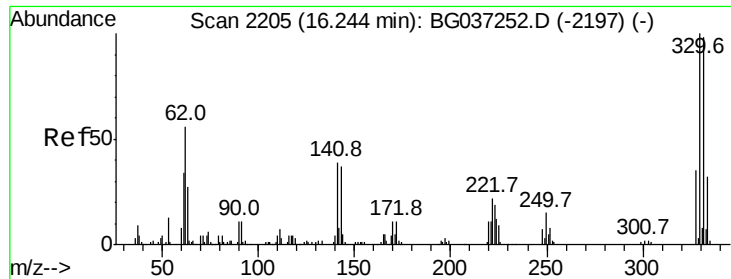
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

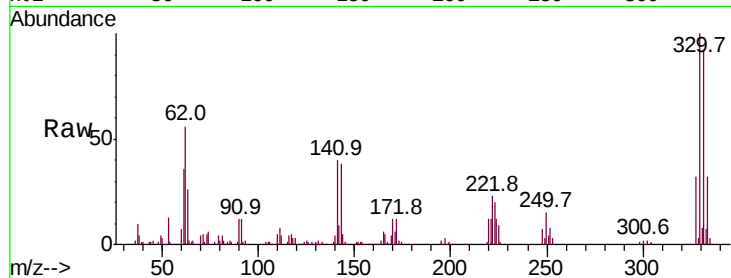




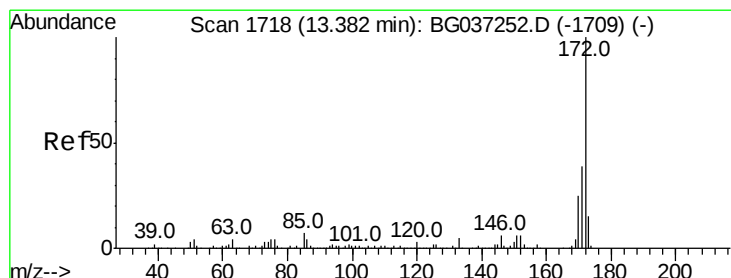
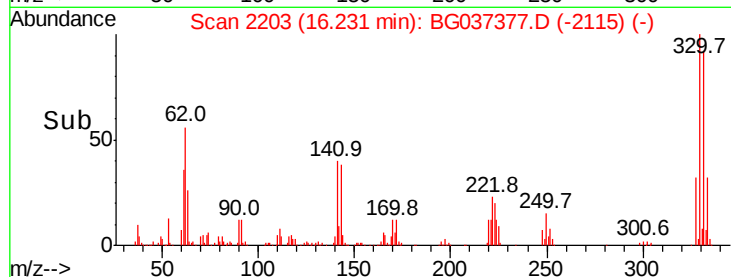
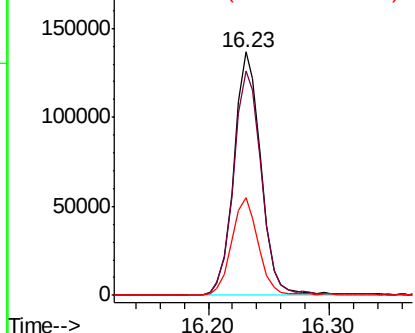
#42
 2,4,6-Tribromophenol
 Concen: 107.193 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037377.D
 Acq: 17 Oct 2018 5:40

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	39.5	32.2	48.2

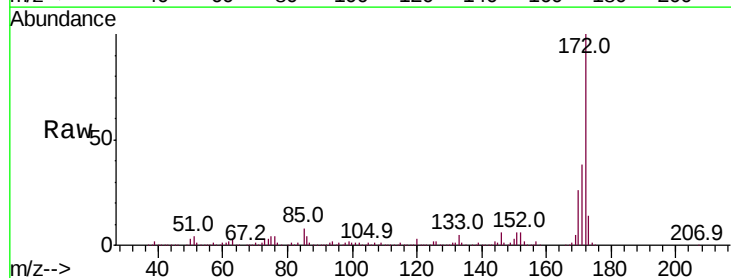


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

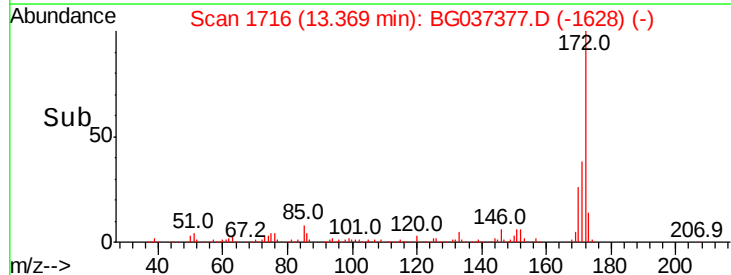
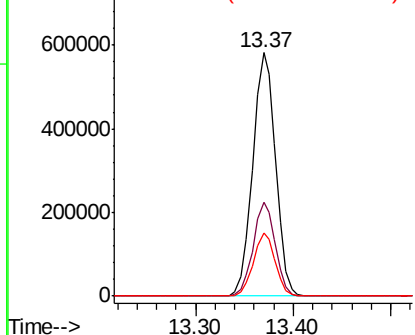


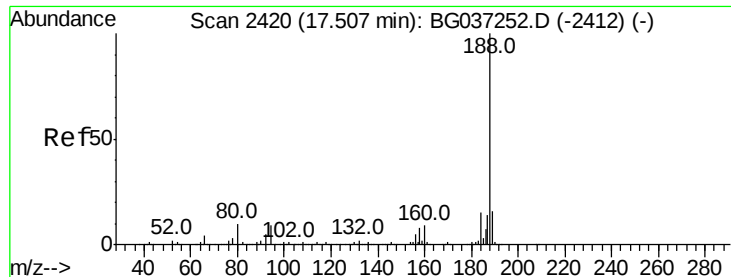
#45
 2-Fluorobiphenyl
 Concen: 70.689 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037377.D
 Acq: 17 Oct 2018 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	26.2	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: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037377.D

Acq: 17 Oct 2018 5:40

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-B

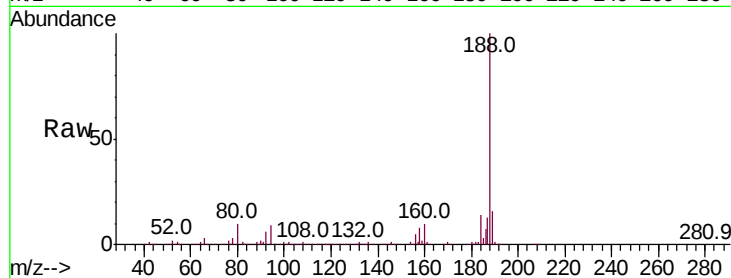
Tot Ion:188 Resp: 496668

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.5 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

17.49

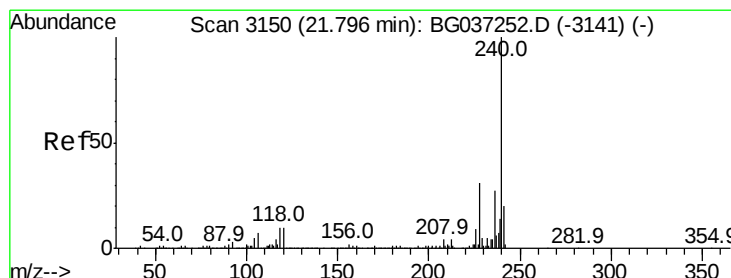
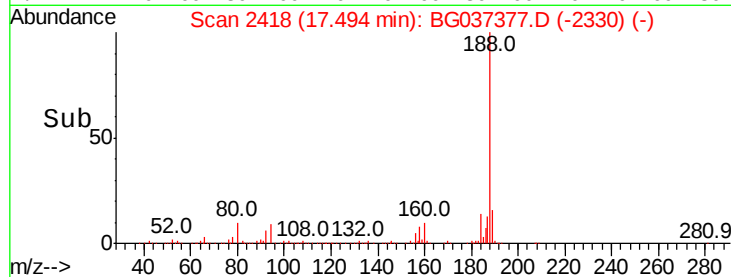
300000

200000

100000

0

Time--> 17.40 17.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037377.D

Acq: 17 Oct 2018 5:40

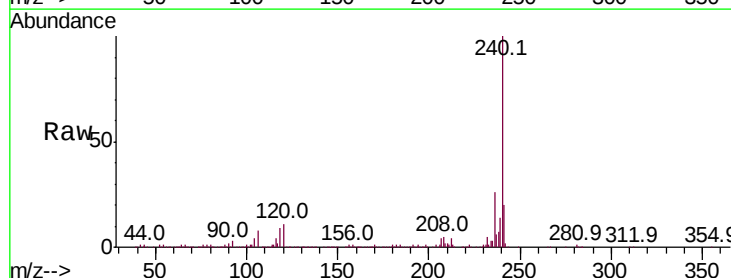
Tgt Ion:240 Resp: 469113

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

236 25.8 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

21.78

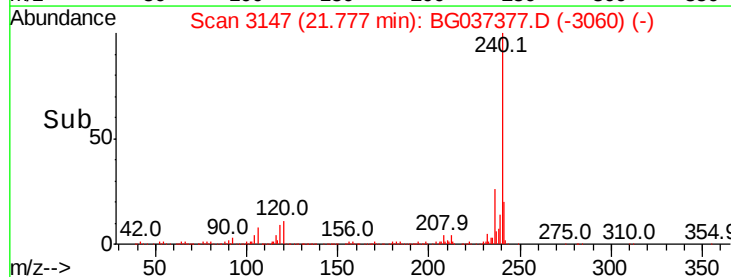
300000

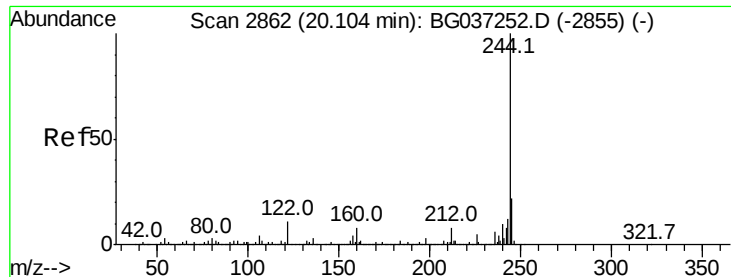
200000

100000

0

Time--> 21.70 21.80 21.90



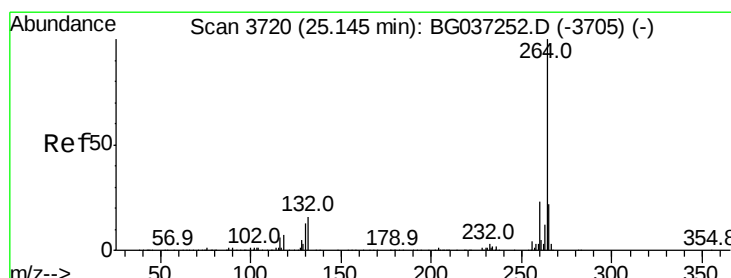
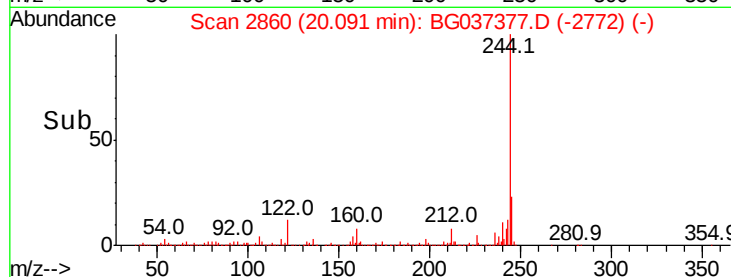
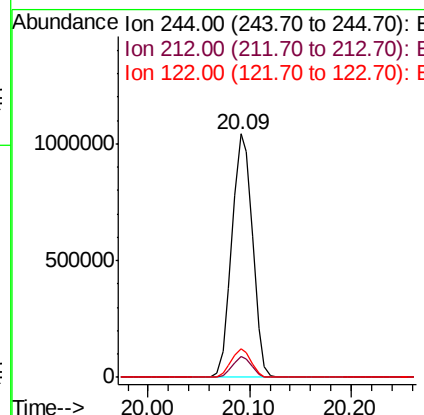
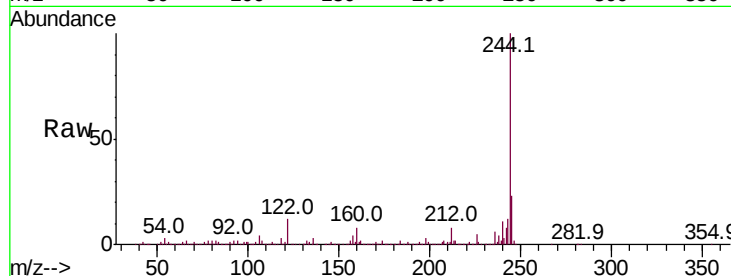


#79
 Terphenyl-d14
 Concen: 66.147 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037377.D
 Acq: 17 Oct 2018 5:40

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-B

Tot Ion:244 Resp: 1477821

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.8	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG037377.D
 Acq: 17 Oct 2018 5:40

Tgt Ion:264 Resp: 466053

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	23.2	17.9	26.9

