

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037994.D
 Acq On : 14 Nov 2018 1:52
 Operator : JU/SJ
 Sample : PB114774TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114774TB

Quant Time: Nov 14 03:11:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44633	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	187406	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119980	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	294867	20.00	ng	0.00
76) Chrysene-d12	21.75	240	285331	20.00	ng	0.00
87) Perylene-d12	25.07	264	288254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	311066	120.33	ng	0.00
7) Phenol-d6	7.23	99	429945	116.52	ng	0.00
23) Nitrobenzene-d5	9.26	82	255323	72.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	142111	103.86	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	613106	74.45	ng	0.00
79) Terphenyl-d14	20.07	244	997204	82.24	ng	0.00

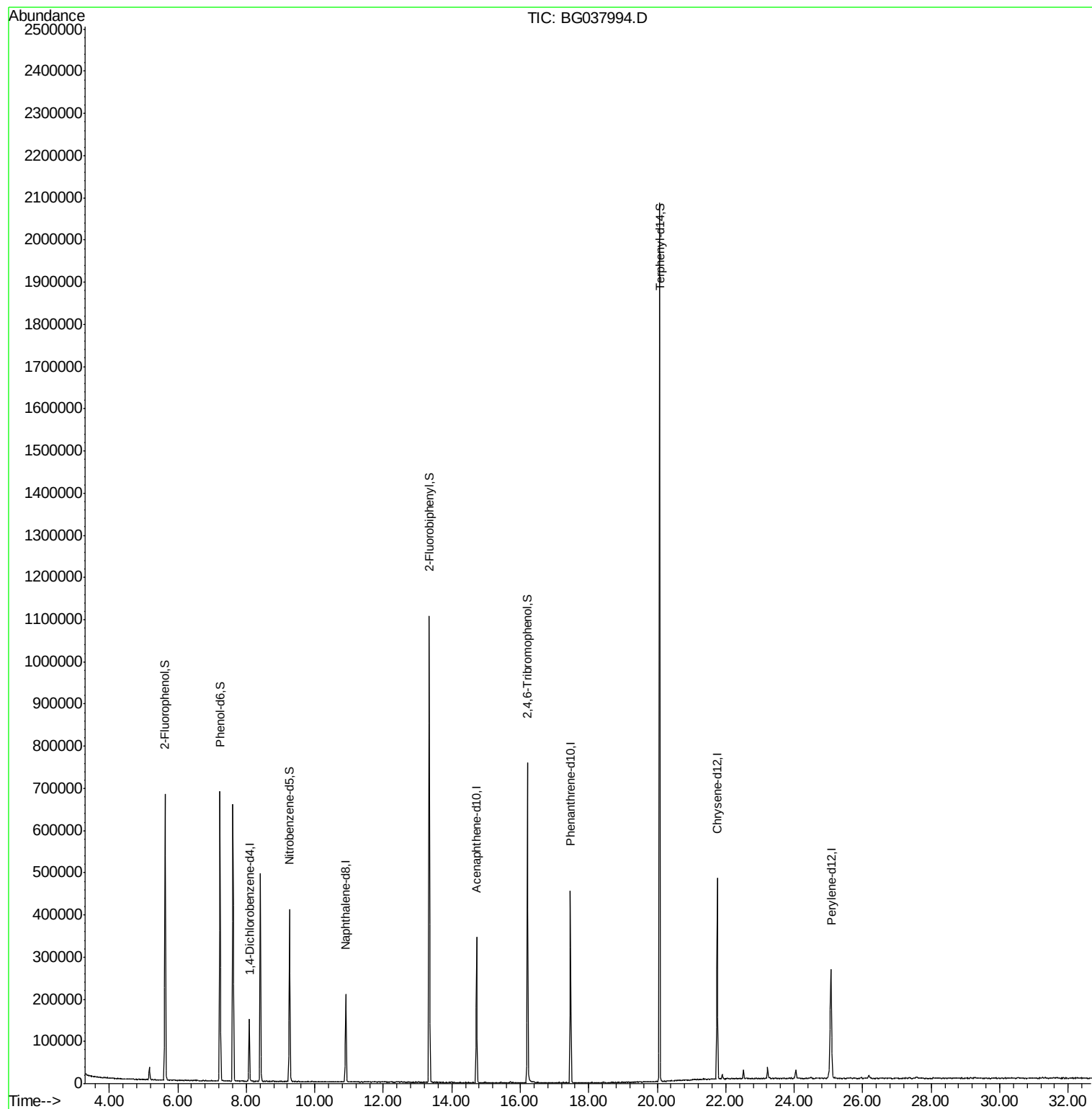
Target Compounds Qvalue

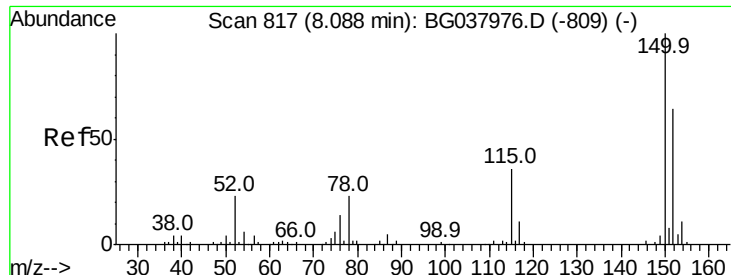
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
Data File : BG037994.D
Acq On : 14 Nov 2018 1:52
Operator : JU/SJ
Sample : PB114774TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114774TB

Quant Time: Nov 14 03:11:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



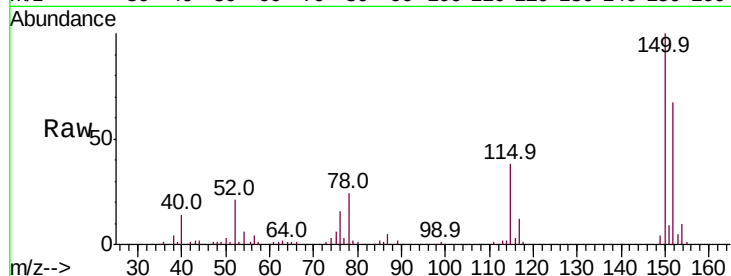


#1

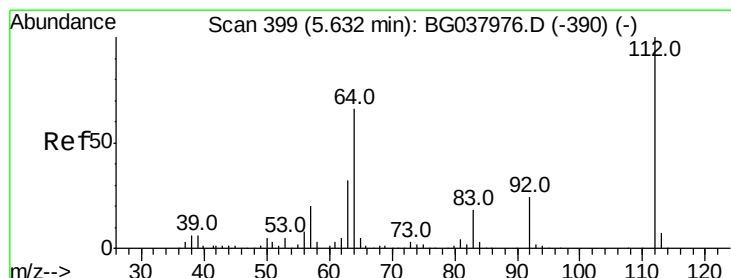
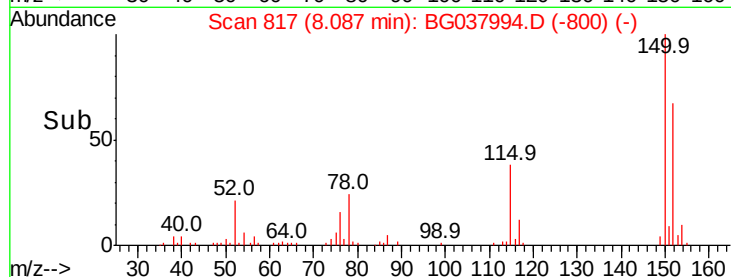
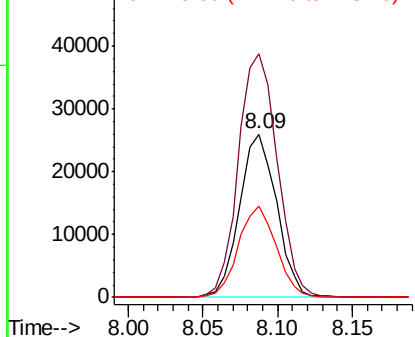
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG037994.D
Acq: 14 Nov 2018 1:52

Instrument :
BNA_G
ClientSampleId :
PB114774TB

Tot Ion:152 Resp: 44633
Ion Ratio Lower Upper
152 100
150 149.4 126.0 189.0
115 56.2 45.5 68.3



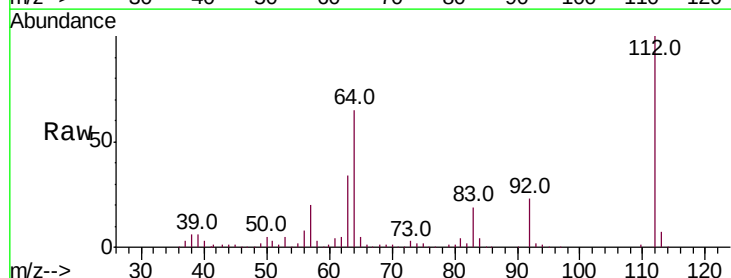
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



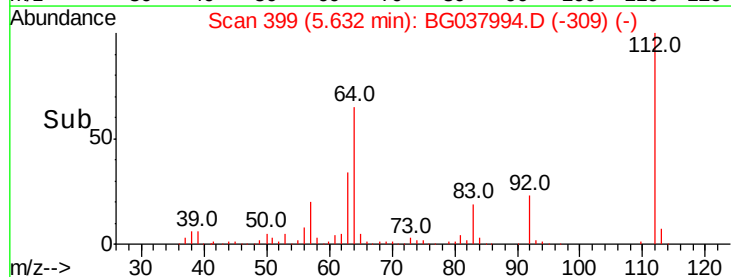
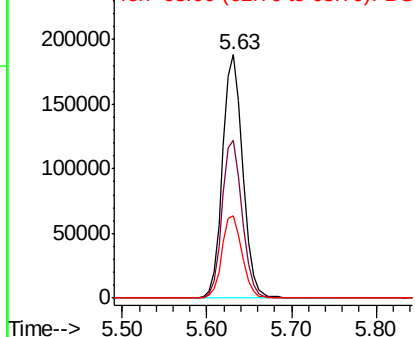
#5

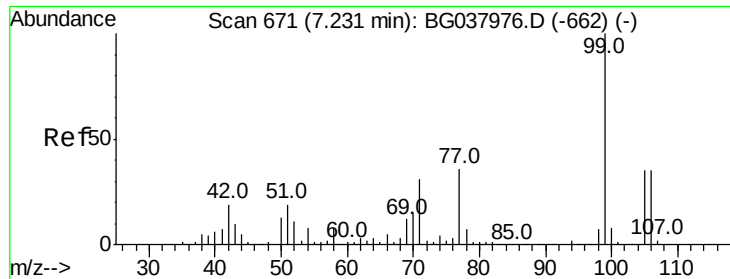
2-Fluorophenol
Concen: 120.332 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG037994.D
Acq: 14 Nov 2018 1:52

Tgt Ion:112 Resp: 311066
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 33.6 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: 116.515 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037994.D

Acq: 14 Nov 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB114774TB

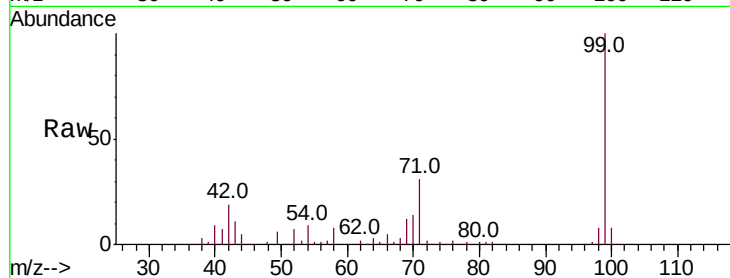
Tot Ion: 99 Resp: 429945

Ion Ratio Lower Upper

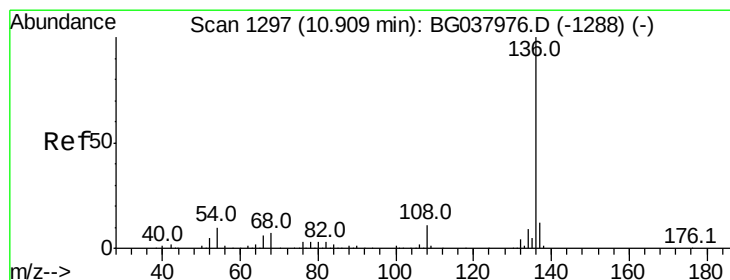
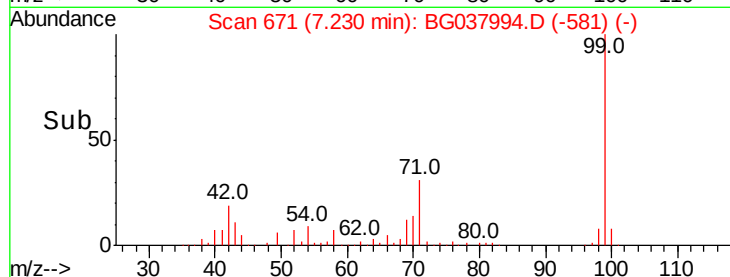
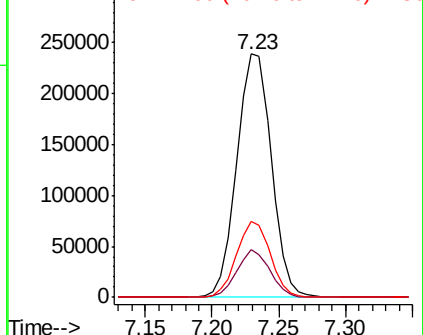
99 100

42 19.5 15.0 22.4

71 31.0 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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG037994.D

Acq: 14 Nov 2018 1:52

Tgt Ion: 136 Resp: 187406

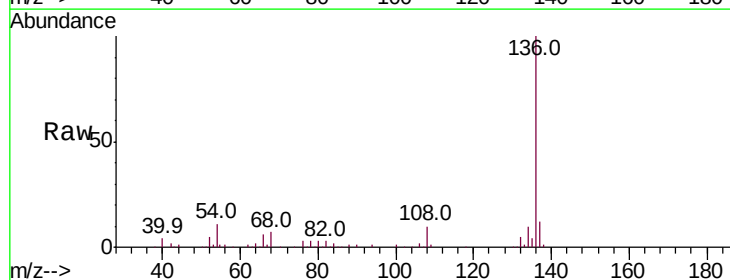
Ion Ratio Lower Upper

136 100

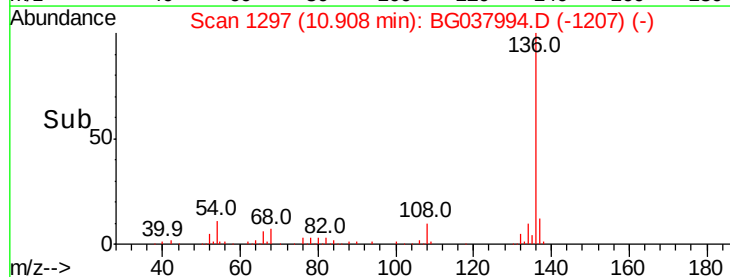
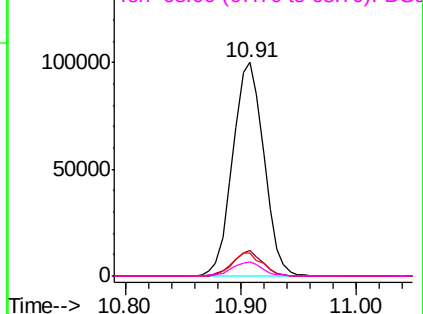
137 11.7 9.6 14.4

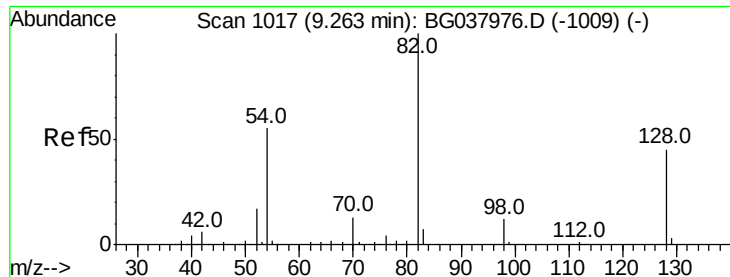
54 11.3 7.9 11.9

68 6.8 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

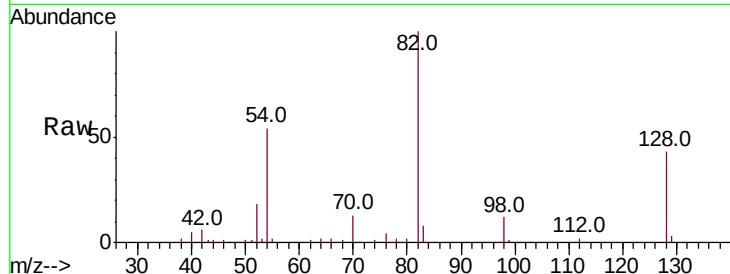




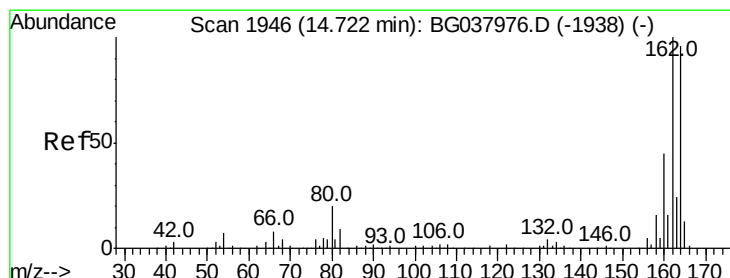
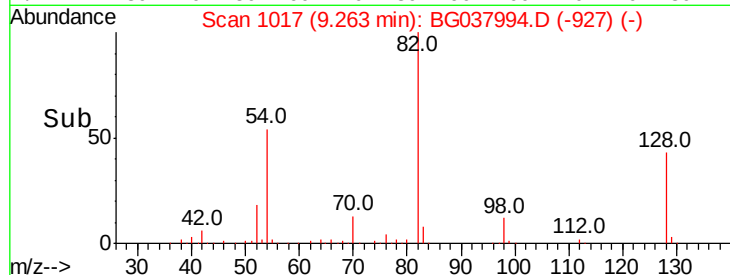
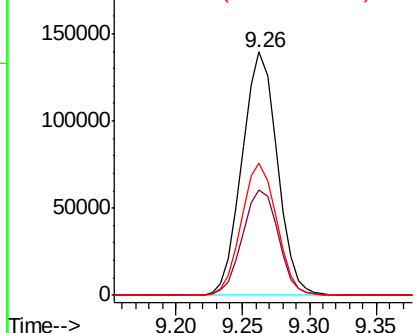
#23
Nitrobenzene-d5
Concen: 72.930 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG037994.D
Acq: 14 Nov 2018 1:52

Instrument :
BNA_G
ClientSampleId :
PB114774TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	54.2	45.3	67.9

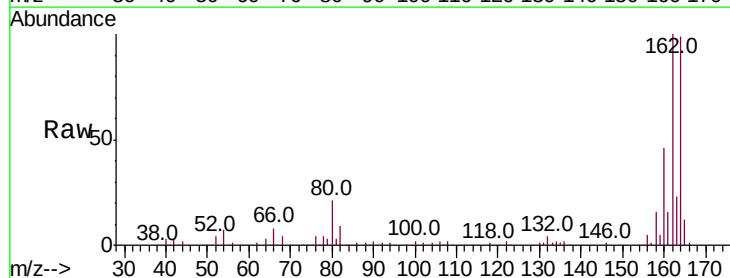


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

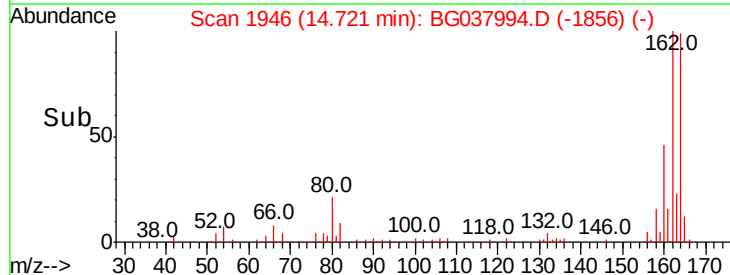
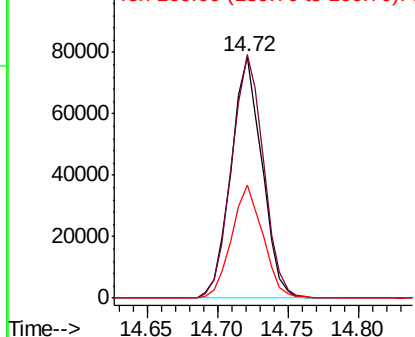


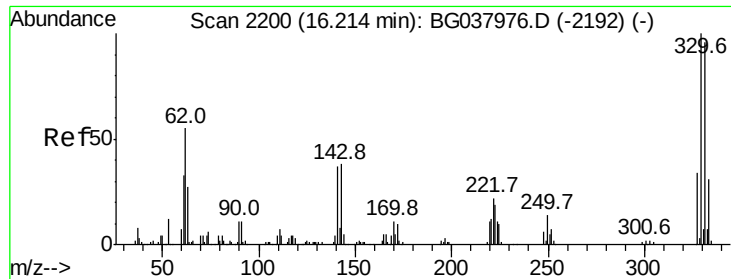
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG037994.D
Acq: 14 Nov 2018 1:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	46.7	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

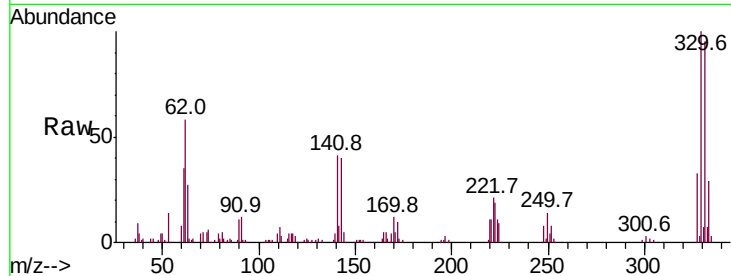




#42
 2,4,6-Tribromophenol
 Concen: 103.856 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037994.D
 Acq: 14 Nov 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB114774TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	40.5	32.2	48.2

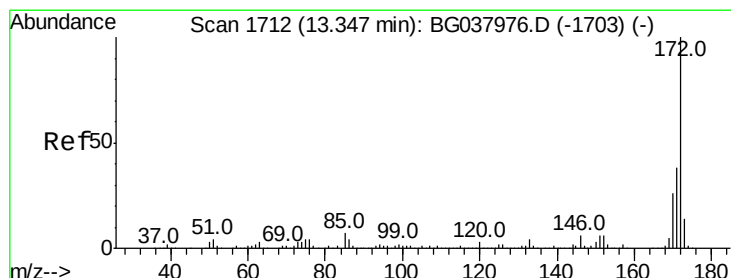
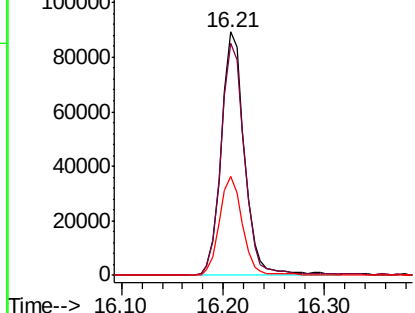
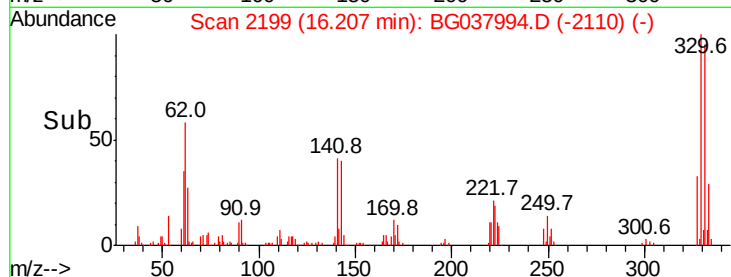


Abundance

Ion 329.80 (329.50 to 330.50): E

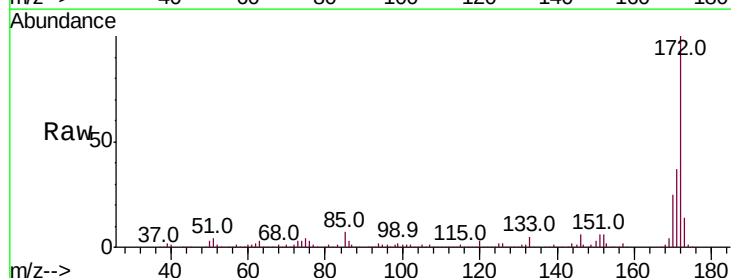
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.446 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG037994.D
 Acq: 14 Nov 2018 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.8	20.2	30.2

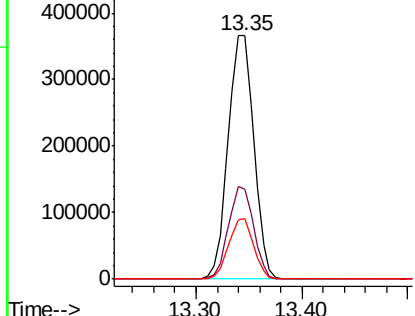
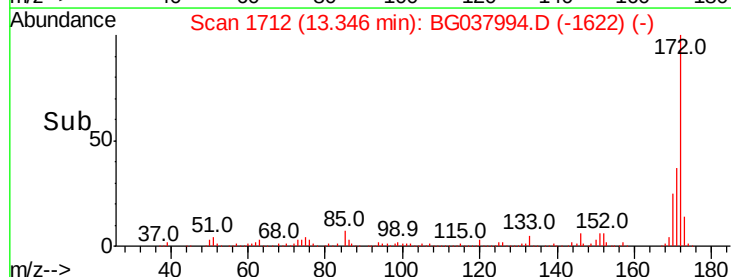


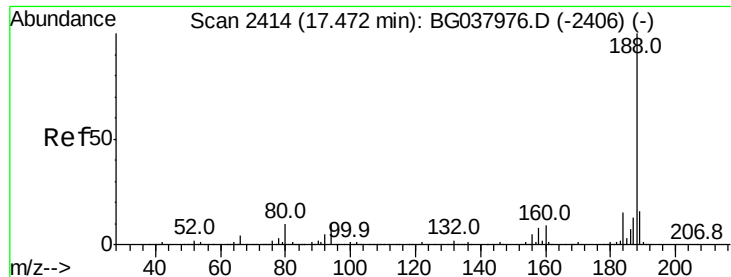
Abundance

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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG037994.D

Acq: 14 Nov 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB114774TB

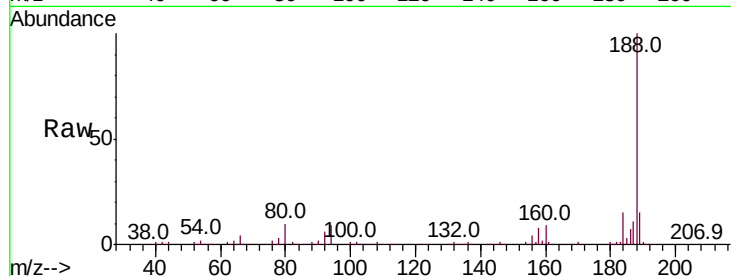
Tot Ion:188 Resp: 294867

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

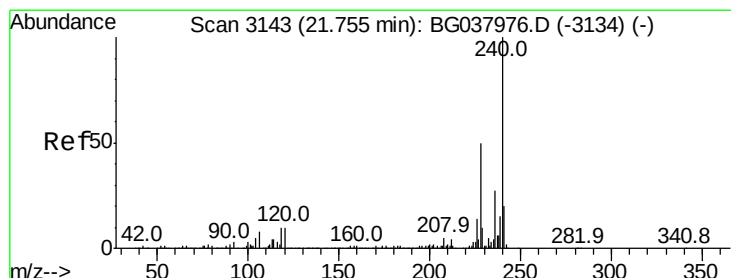
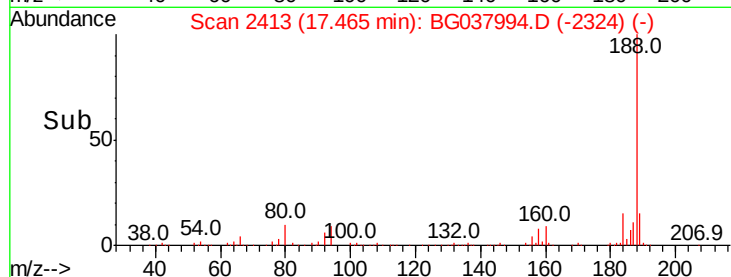
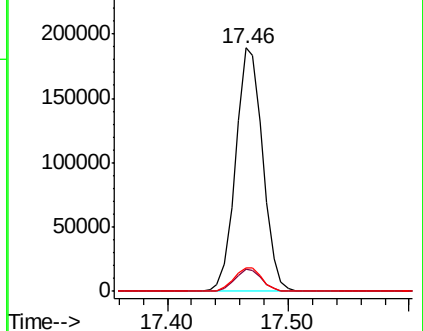
80 9.6 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG037994.D

Acq: 14 Nov 2018 1:52

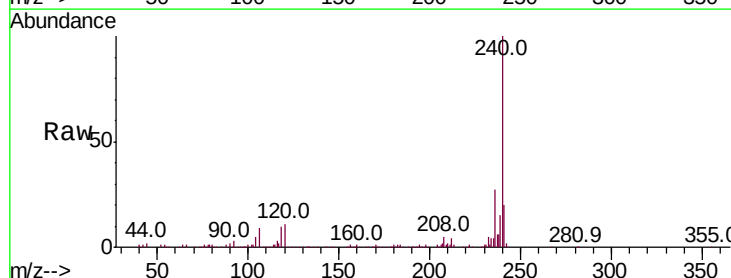
Tgt Ion:240 Resp: 285331

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

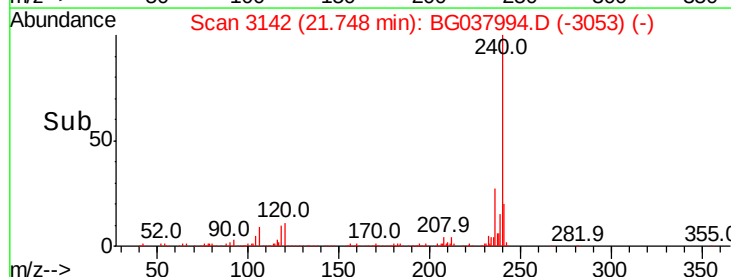
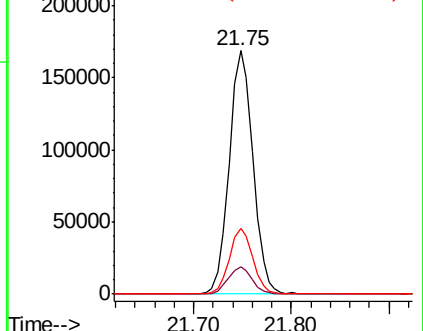
236 26.8 21.4 32.0

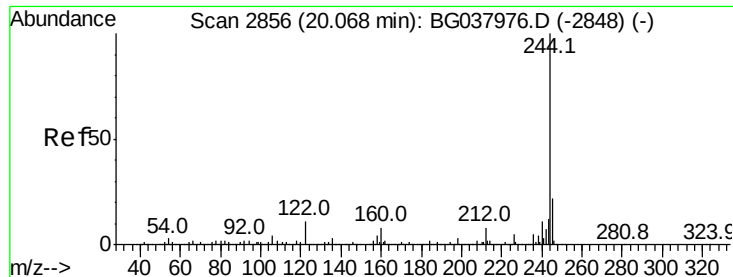


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.235 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG037994.D

Acq: 14 Nov 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB114774TB

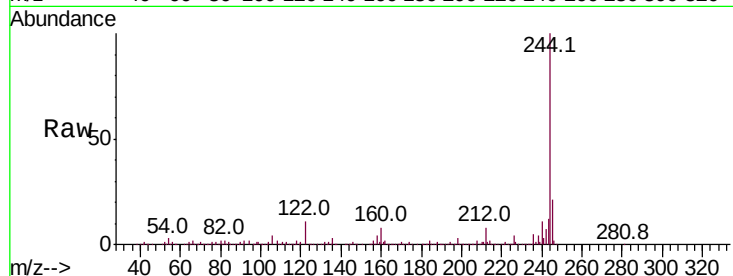
Tot Ion:244 Resp: 997204

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.8 9.0 13.4

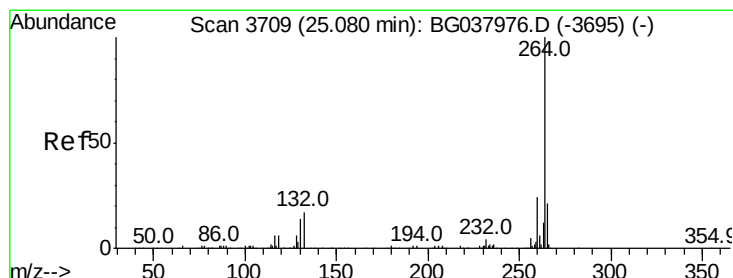
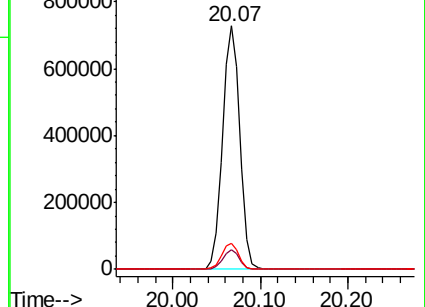
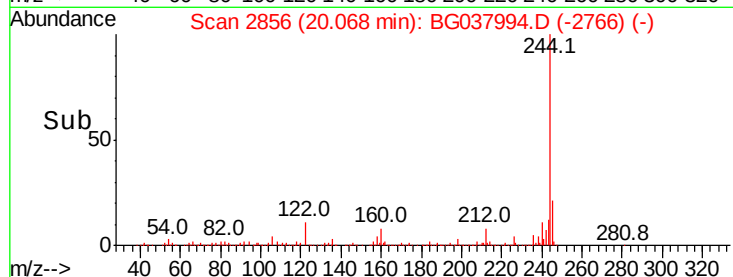


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.07



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG037994.D

Acq: 14 Nov 2018 1:52

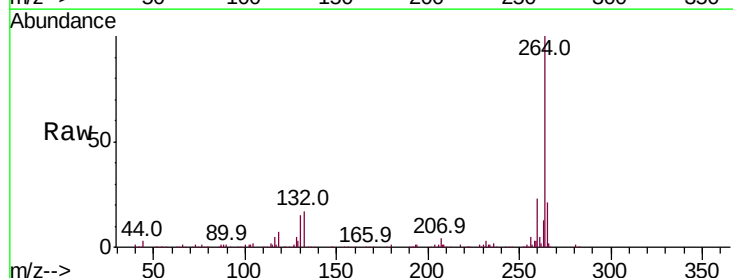
Tgt Ion:264 Resp: 288254

Ion Ratio Lower Upper

264 100

260 23.3 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

25.07

