

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037986.D
 Acq On : 13 Nov 2018 20:37
 Operator : JU/SJ
 Sample : J5909-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Quant Time: Nov 14 00:38:04 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	47243	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	194136	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	124689	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	304911	20.00	ng	0.00
76) Chrysene-d12	21.75	240	292338	20.00	ng	0.00
87) Perylene-d12	25.07	264	296389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316776	115.77	ng	0.00
7) Phenol-d6	7.23	99	404272	103.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	298606	82.34	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	171854	120.85	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	679495	79.39	ng	0.00
79) Terphenyl-d14	20.07	244	1127261	90.73	ng	0.00

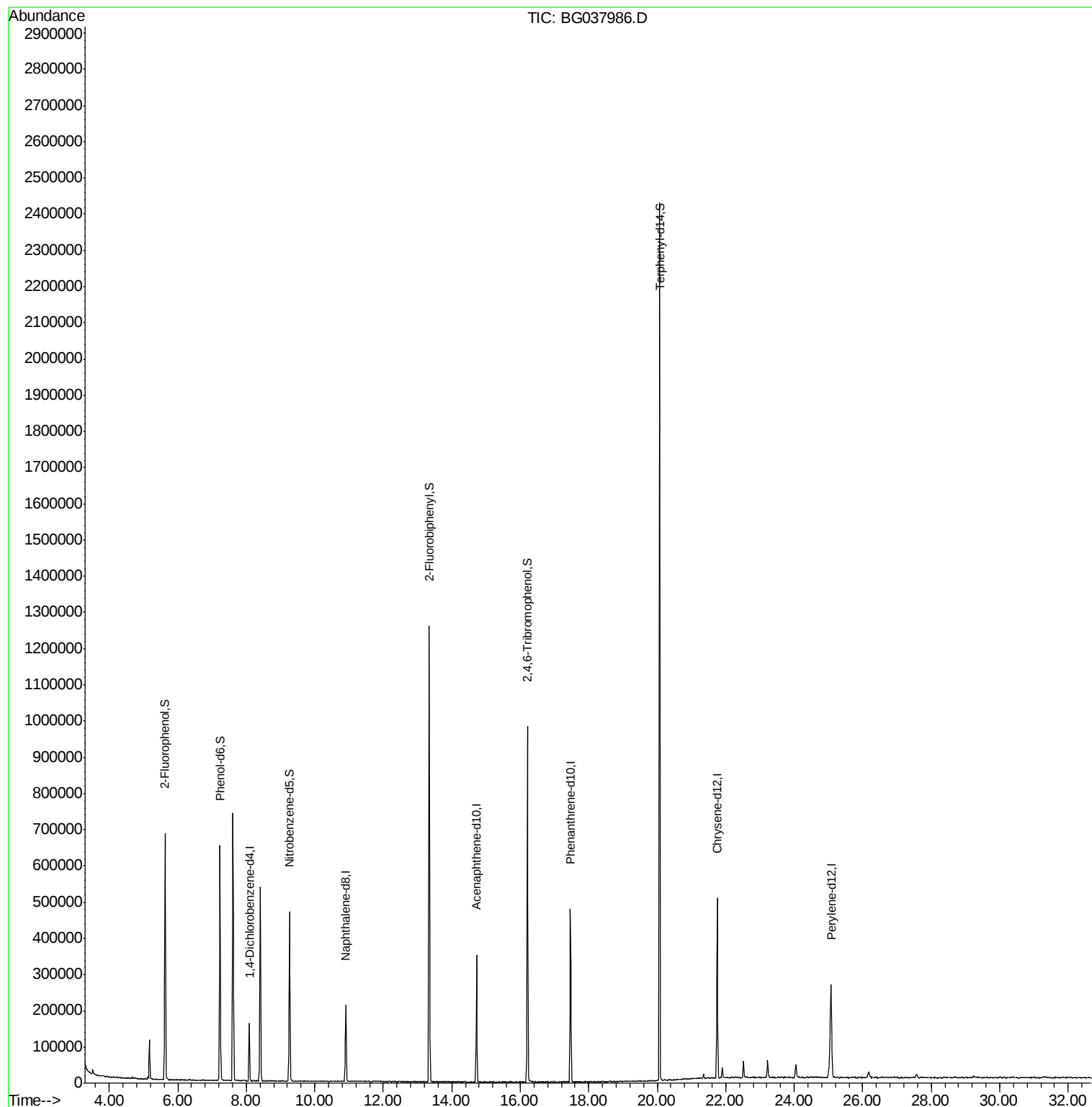
Target Compounds Qvalue

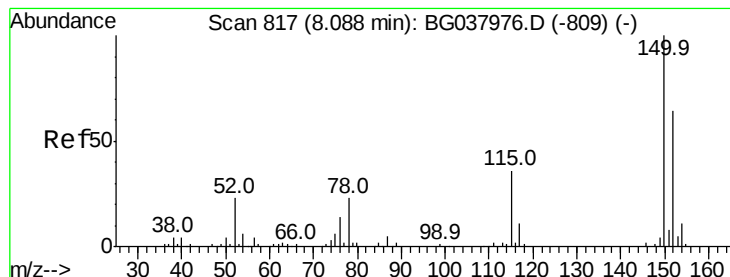
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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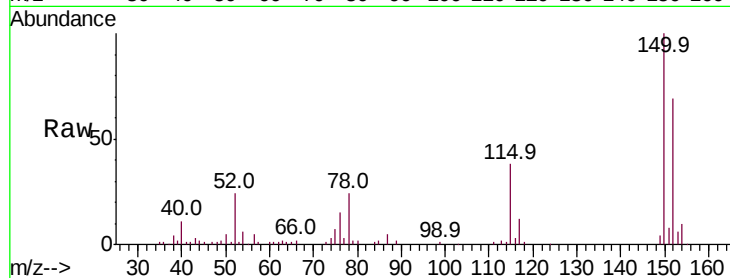


#1

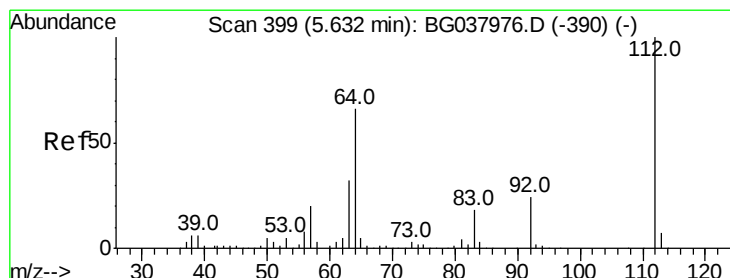
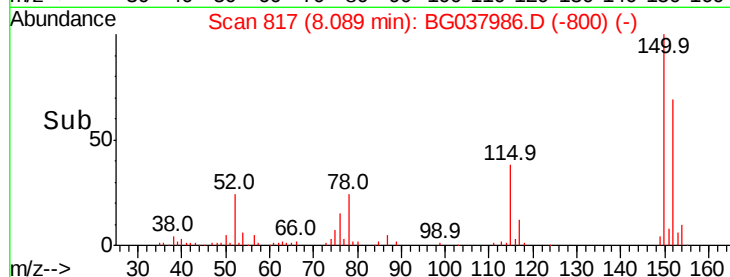
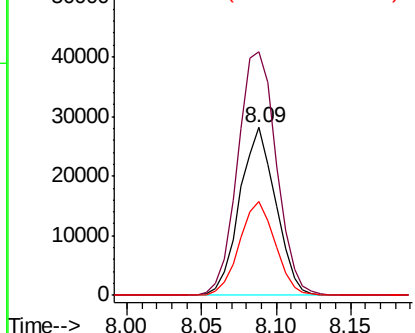
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Instrument :
BNA_G
ClientSampleId :
SB-17-S

Tot Ion:152 Resp: 47243
Ion Ratio Lower Upper
152 100
150 145.1 126.0 189.0
115 55.6 45.5 68.3



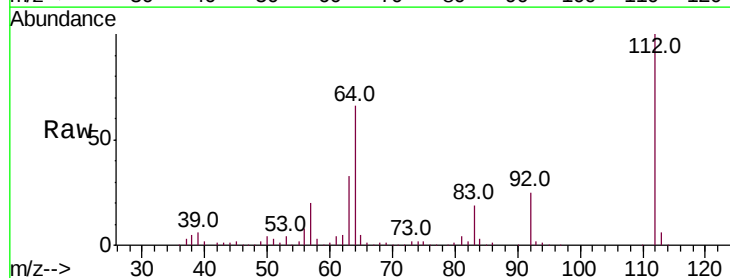
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



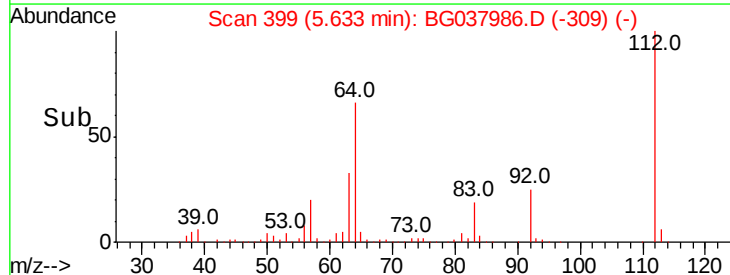
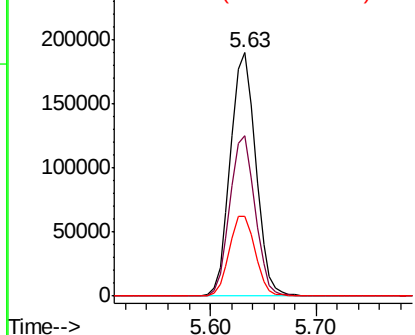
#5

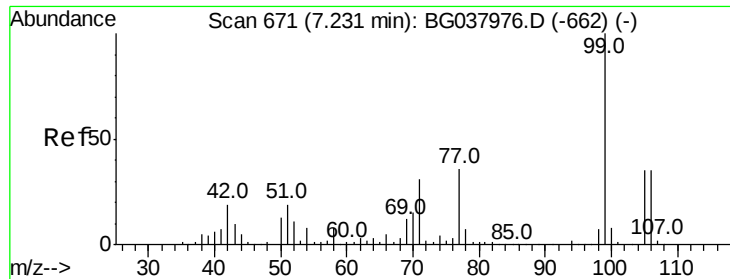
2-Fluorophenol
Concen: 115.770 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion:112 Resp: 316776
Ion Ratio Lower Upper
112 100
64 65.8 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: 103.505 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

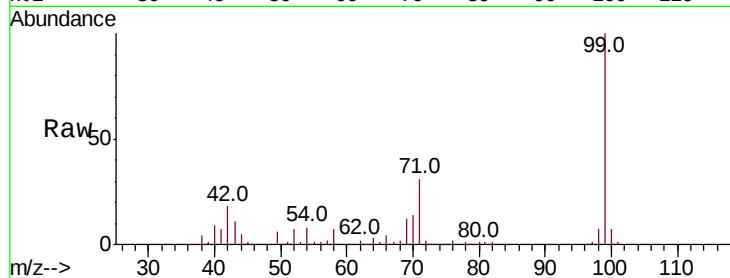
Tot Ion: 99 Resp: 404272

Ion Ratio Lower Upper

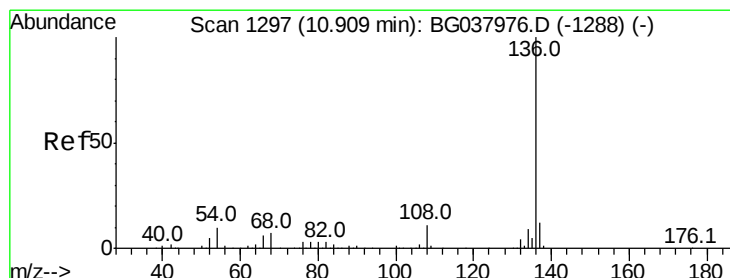
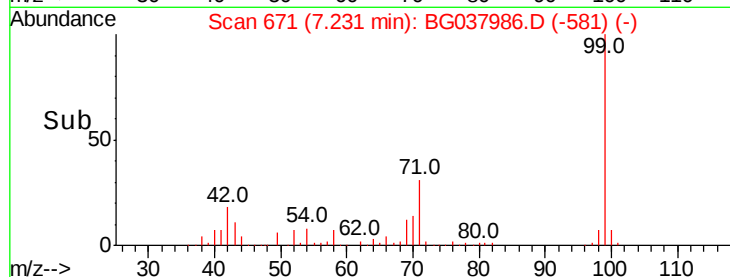
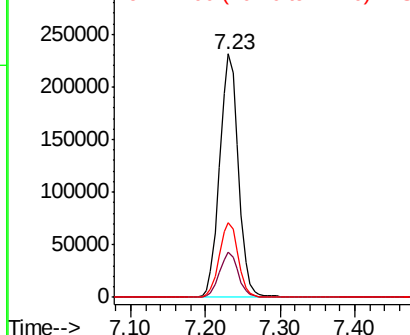
99 100

42 18.4 15.0 22.4

71 30.6 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: BG037986.D

Acq: 13 Nov 2018 20:37

Tgt Ion: 136 Resp: 194136

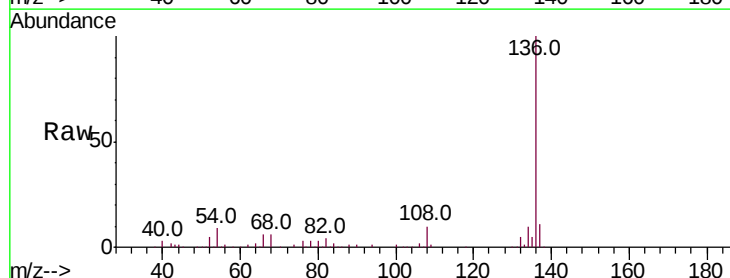
Ion Ratio Lower Upper

136 100

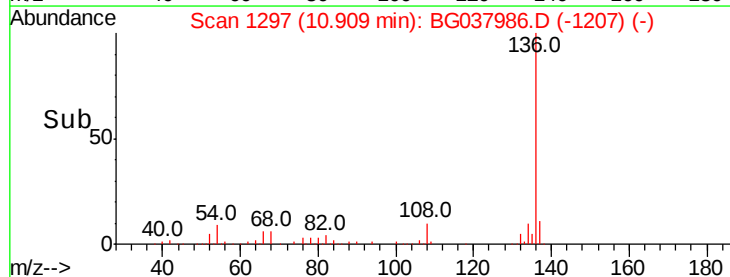
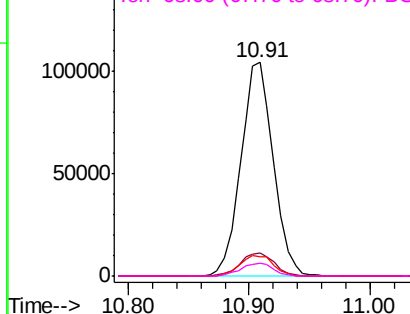
137 10.7 9.6 14.4

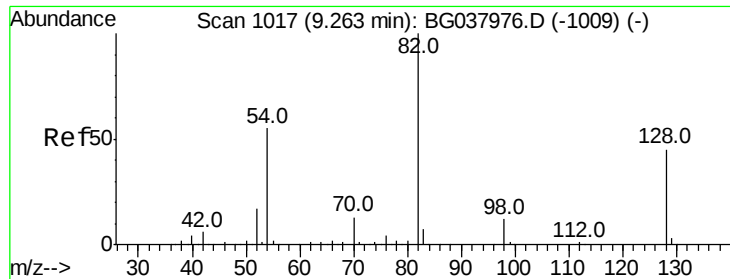
54 9.3 7.9 11.9

68 6.2 4.8 7.2



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





#23

Nitrobenzene-d5

Concen: 82.337 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

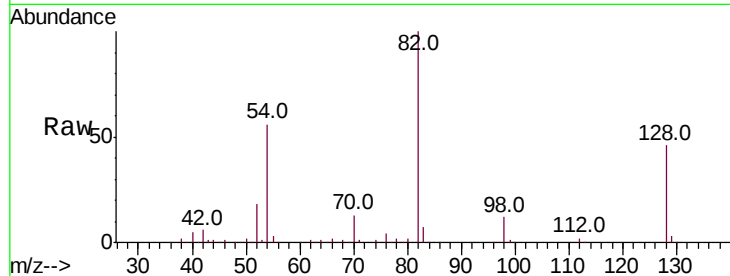
Tot Ion: 82 Resp: 298606

Ion Ratio Lower Upper

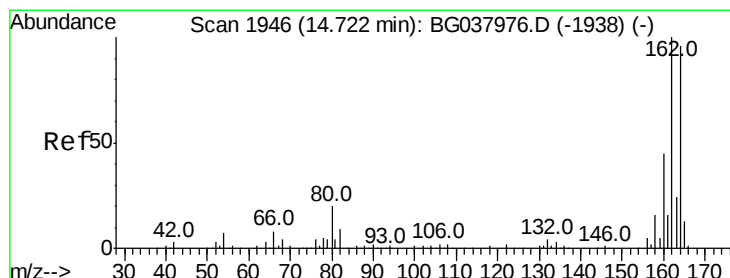
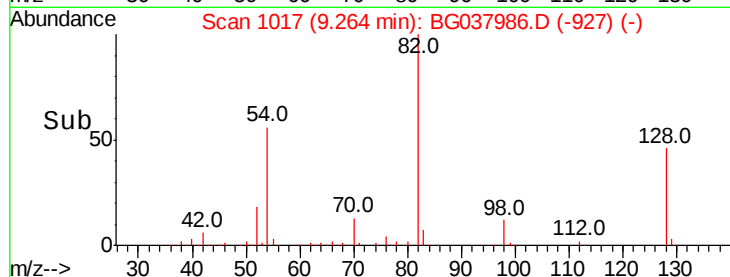
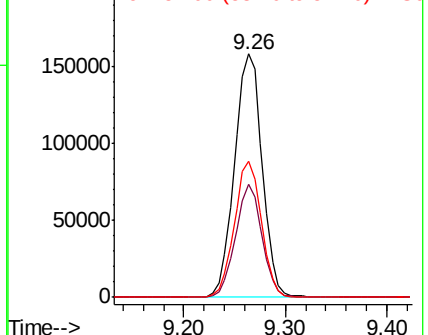
82 100

128 46.2 34.6 51.8

54 56.0 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: BG037986.D

Acq: 13 Nov 2018 20:37

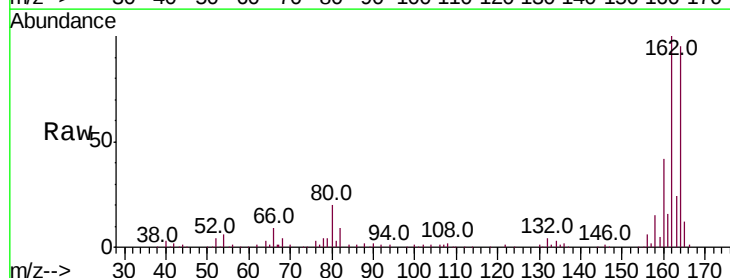
Tgt Ion:164 Resp: 124689

Ion Ratio Lower Upper

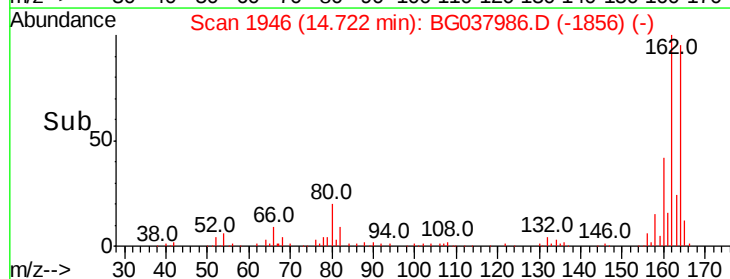
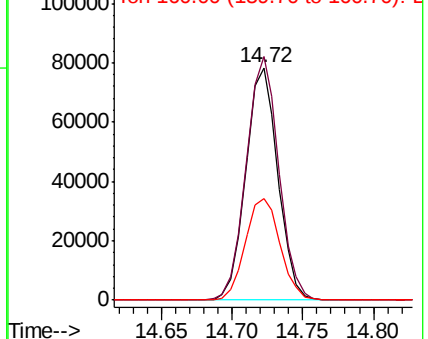
164 100

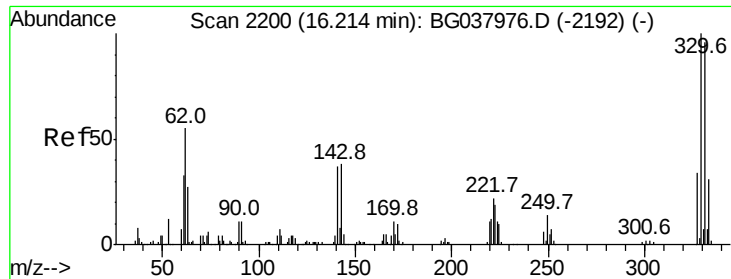
162 104.8 81.3 121.9

160 43.9 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

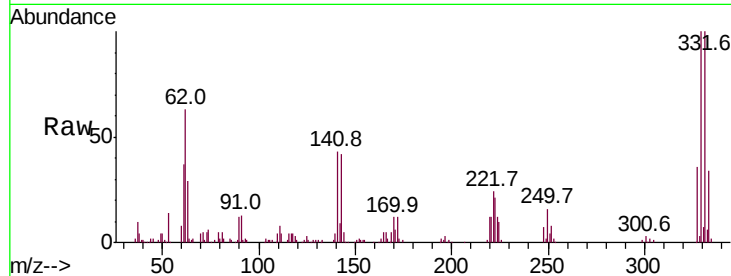




#42
 2,4,6-Tribromophenol
 Concen: 120.850 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleID :
 SB-17-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	41.5	32.2	48.2

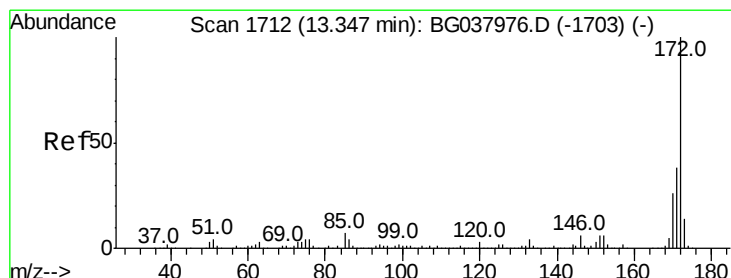
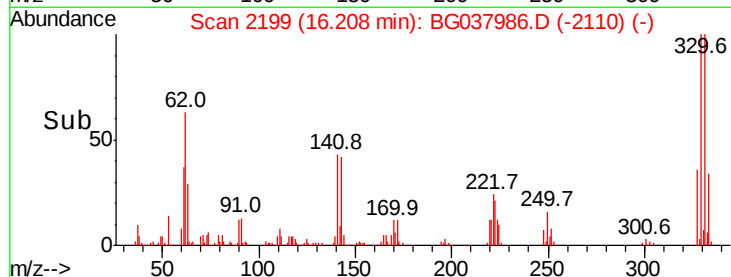
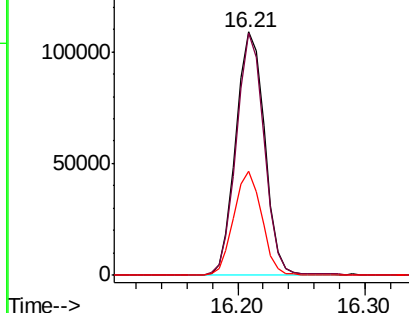


Abundance

Ion 329.80 (329.50 to 330.50): E

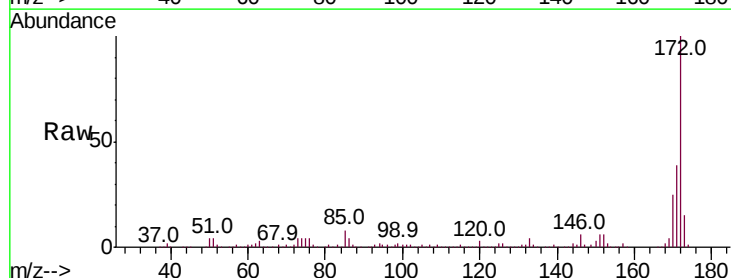
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.391 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.3	20.2	30.2

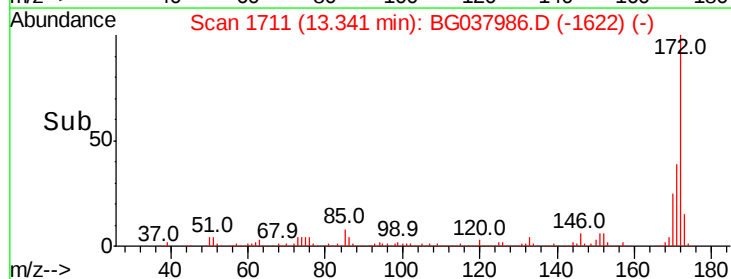
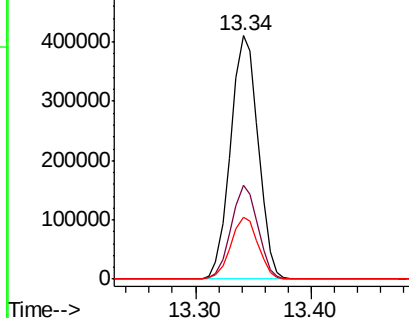


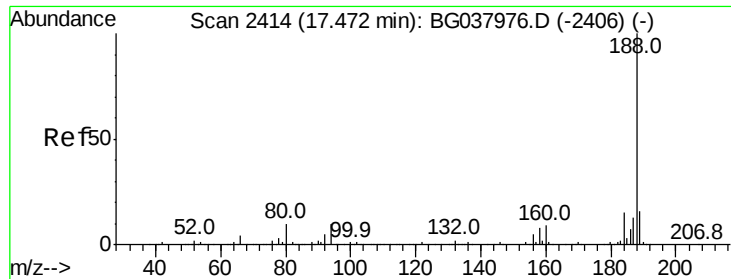
Abundance

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

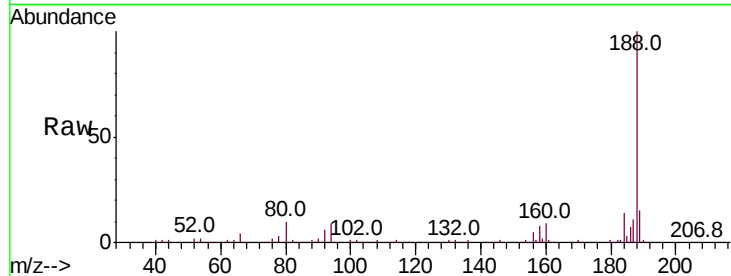




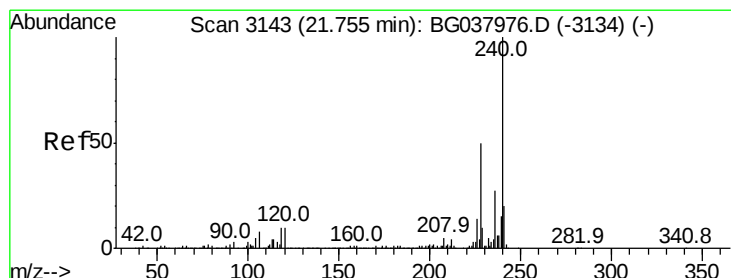
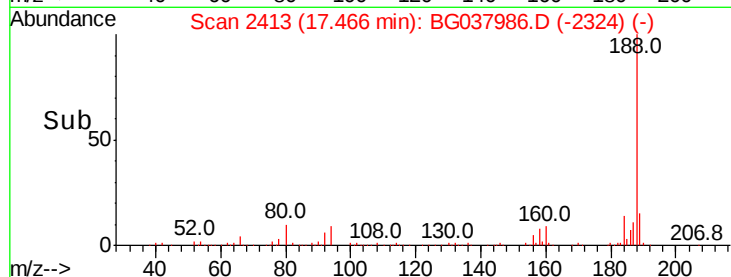
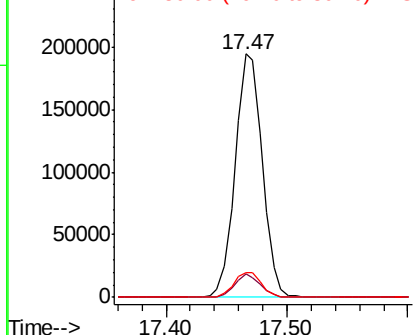
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Instrument :
BNA_G
ClientSampled :
SB-17-S

Tot Ion:188 Resp: 304911
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.3 7.7 11.5

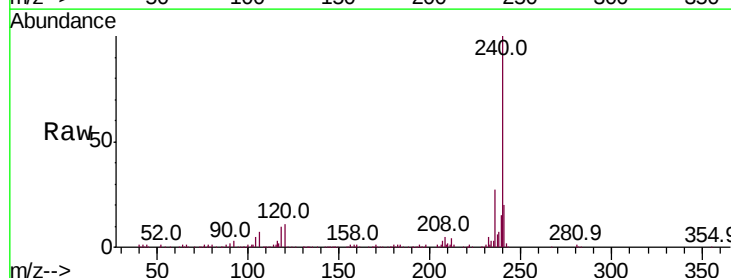


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

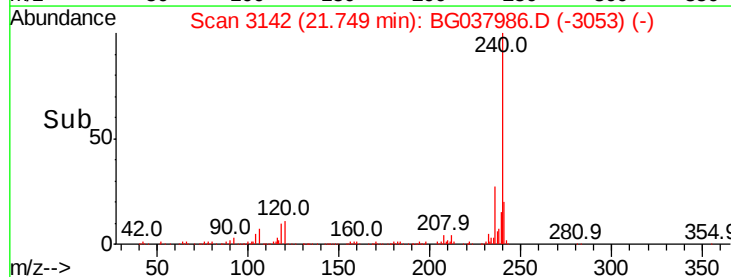
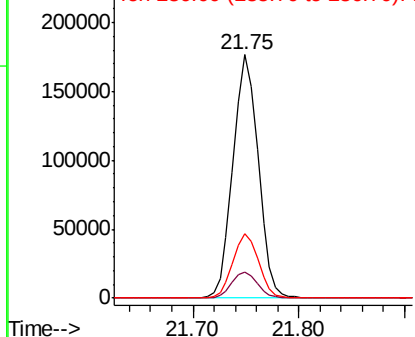


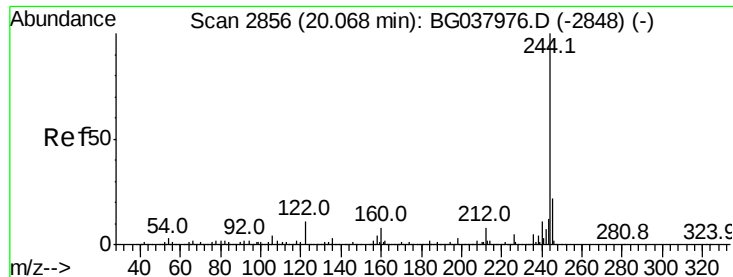
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion:240 Resp: 292338
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.6 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



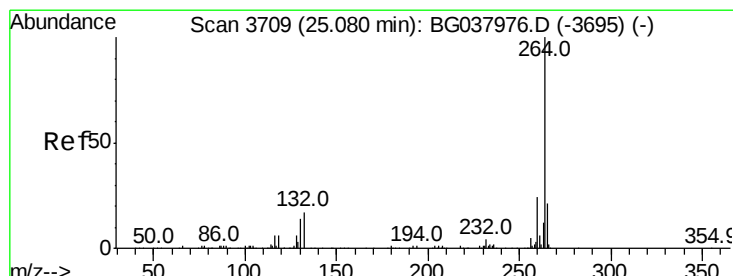
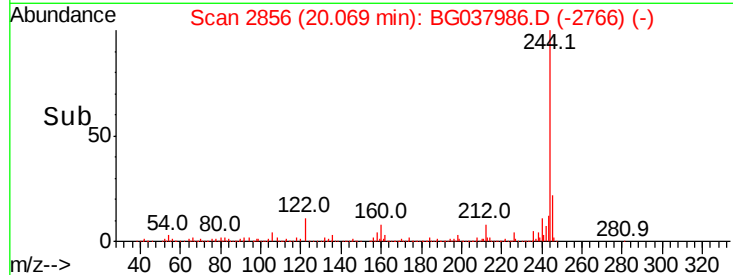
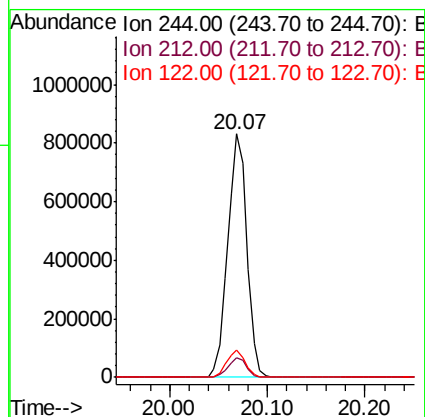
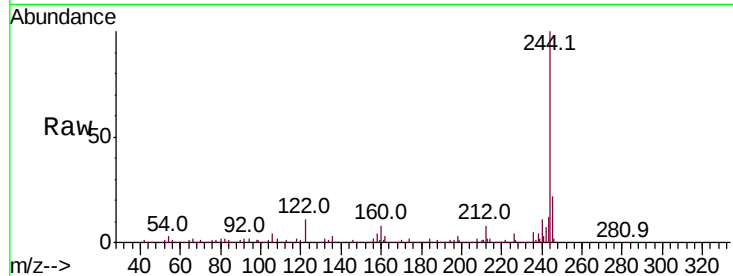


#79
 Terphenyl-d14
 Concen: 90.732 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampled :
 SB-17-S

Tot Ion:244 Resp: 1127261

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.4	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion:264 Resp: 296389

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.5	17.9	26.9

