

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038080.D
 Acq On : 20 Nov 2018 3:12
 Operator : JU/SJ
 Sample : PB114916TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Quant Time: Nov 20 06:01:43 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	41563	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180006	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111504	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	263157	20.00	ng	0.00
76) Chrysene-d12	21.75	240	253496	20.00	ng	0.00
87) Perylene-d12	25.07	264	257210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	310476	128.97	ng	0.00
7) Phenol-d6	7.24	99	434137	126.34	ng	0.00
23) Nitrobenzene-d5	9.26	82	268168	79.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143171	112.58	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	622223	81.30	ng	0.00
79) Terphenyl-d14	20.07	244	950145	88.19	ng	0.00

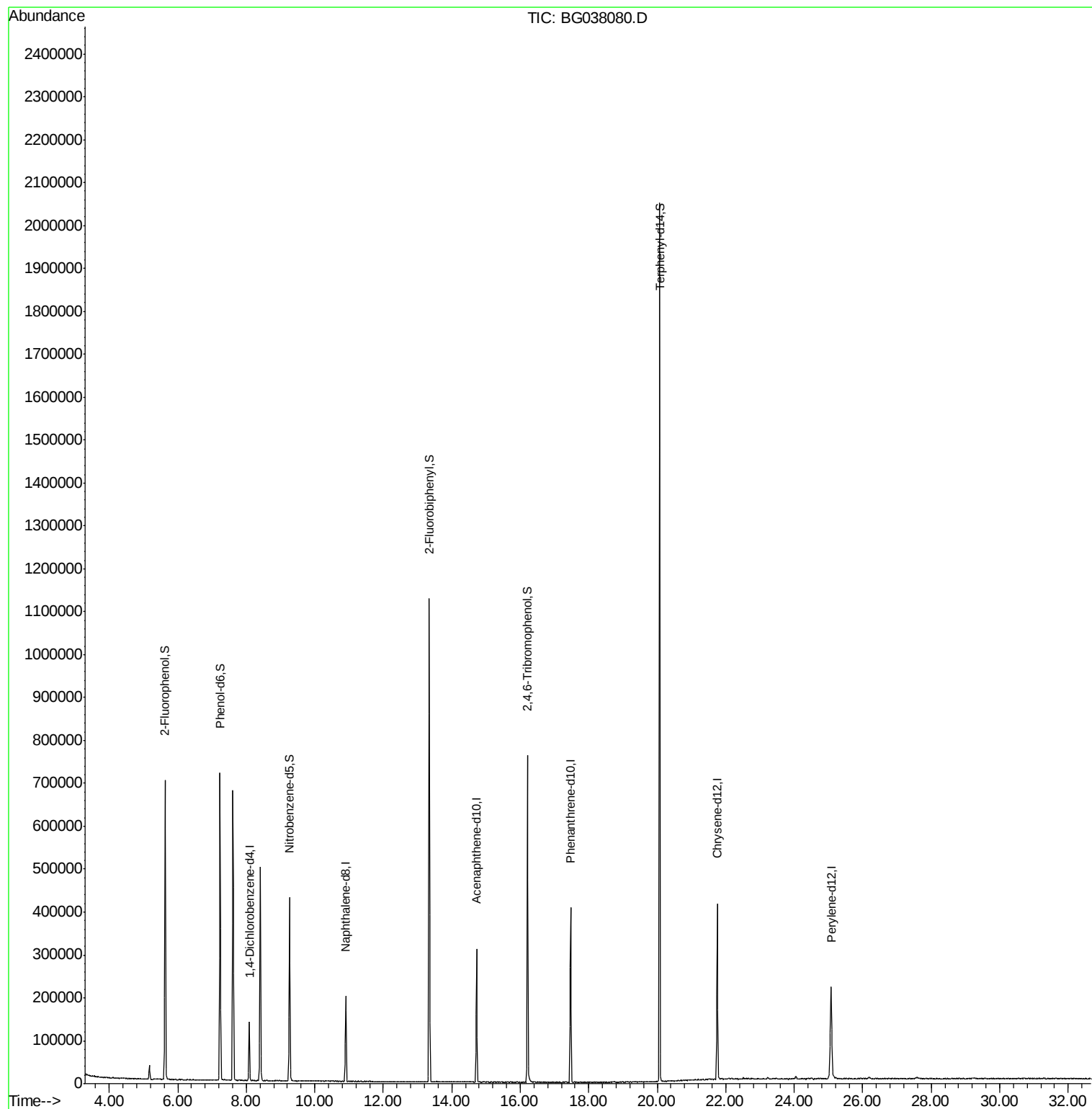
Target Compounds Qvalue

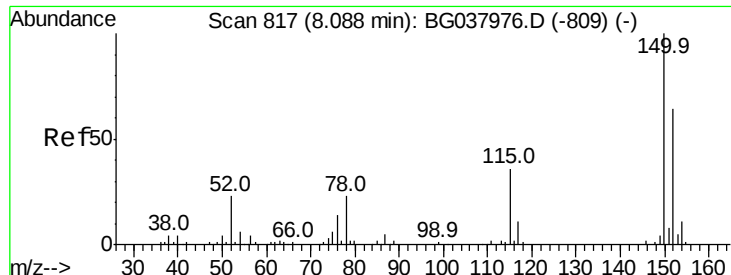
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
Data File : BG038080.D
Acq On : 20 Nov 2018 3:12
Operator : JU/SJ
Sample : PB114916TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114916TB

Quant Time: Nov 20 06:01:43 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



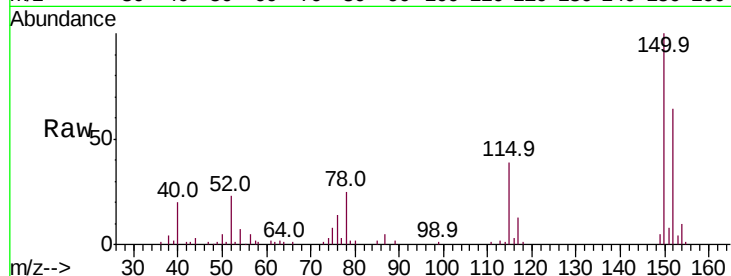


#1

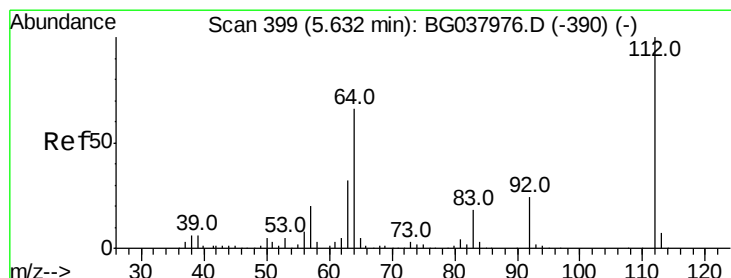
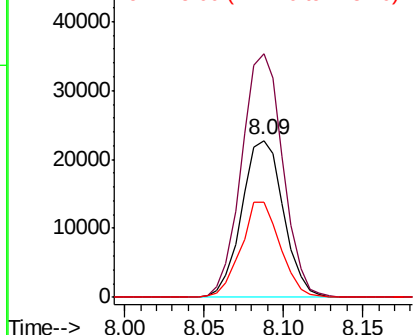
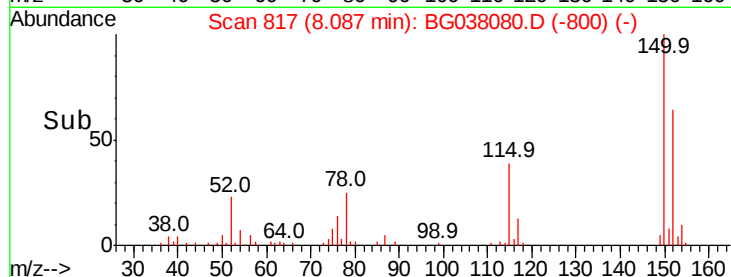
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Tot Ion:152 Resp: 41563
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.0 189.0
 115 60.6 45.5 68.3



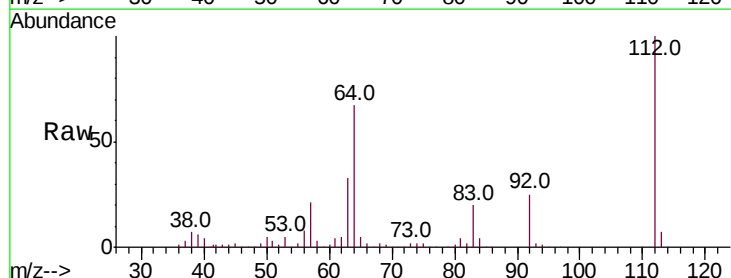
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



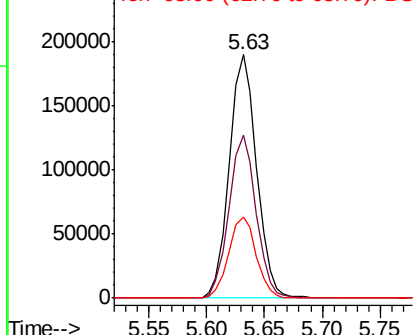
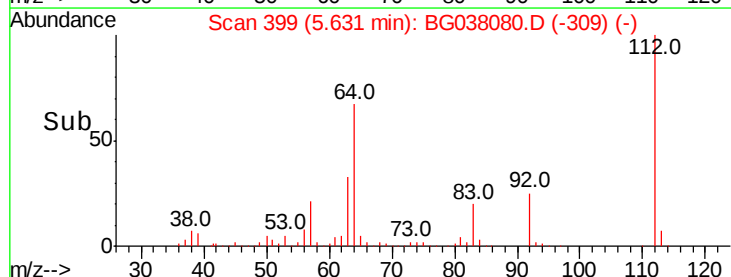
#5

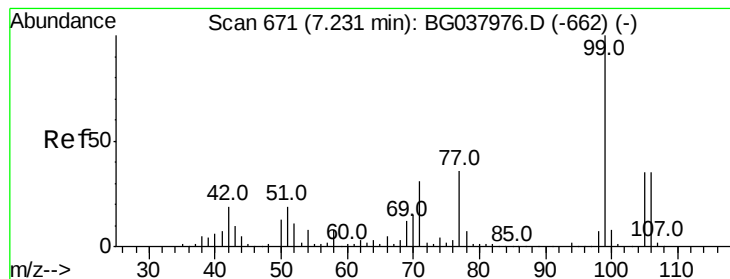
2-Fluorophenol
 Concen: 128.975 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Tgt Ion:112 Resp: 310476
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.1 79.7
 63 33.4 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: 126.341 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Instrument :

BNA_G

ClientSampleId :

PB114916TB

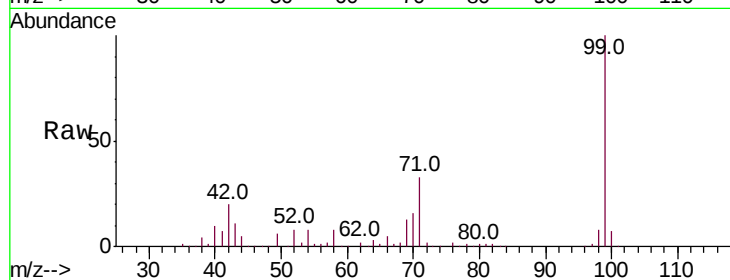
Tot Ion: 99 Resp: 434137

Ion Ratio Lower Upper

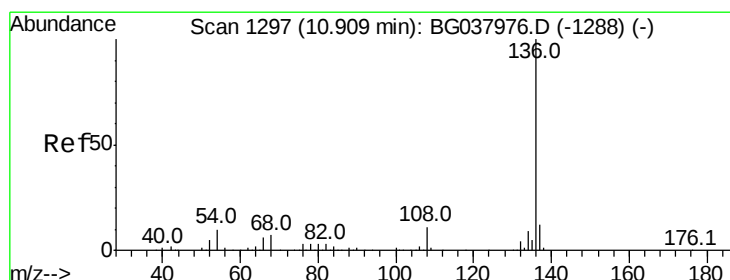
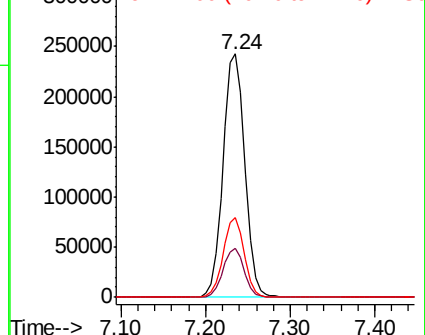
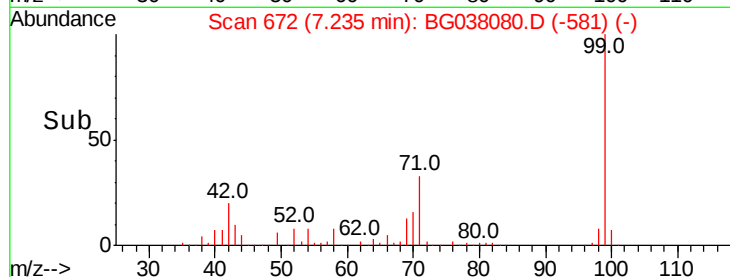
99 100

42 20.2 15.0 22.4

71 32.9 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: BG038080.D

Acq: 20 Nov 2018 3:12

Tgt Ion: 136 Resp: 180006

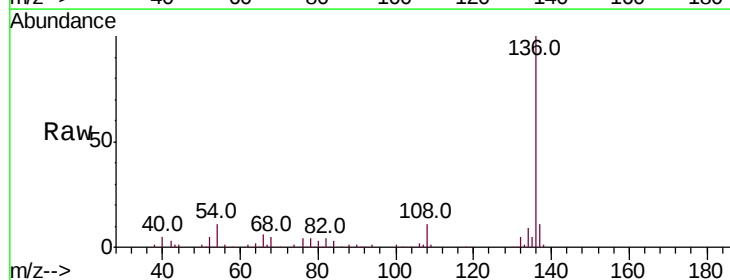
Ion Ratio Lower Upper

136 100

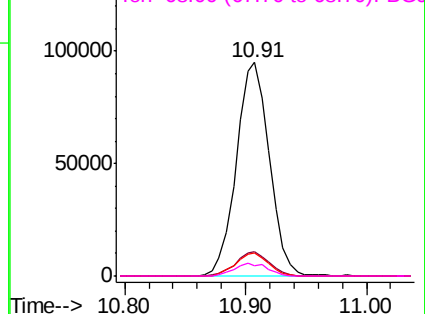
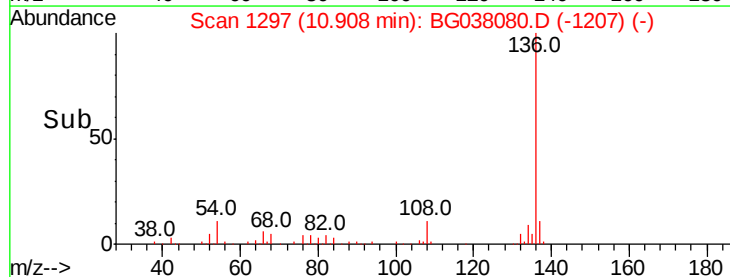
137 11.3 9.6 14.4

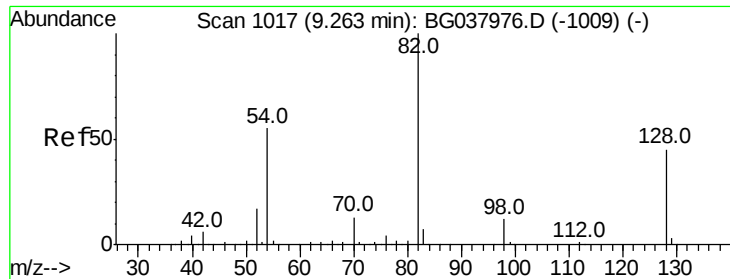
54 10.9 7.9 11.9

68 5.1 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

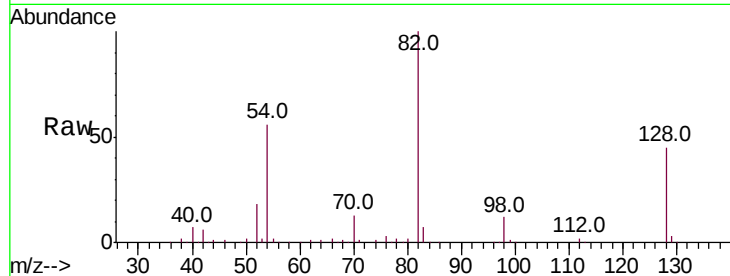




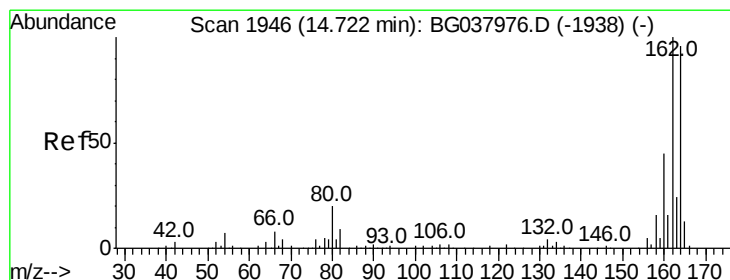
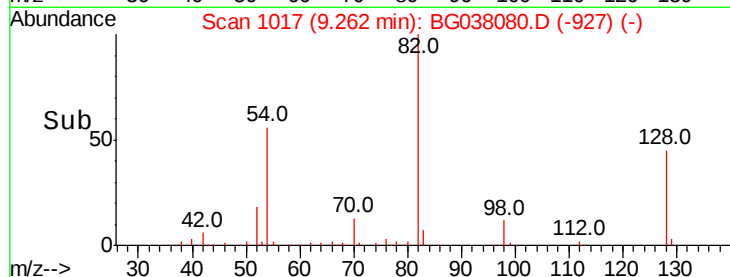
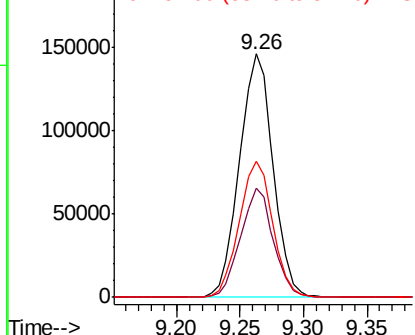
#23
 Nitrobenzene-d5
 Concen: 79.748 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	56.2	45.3	67.9

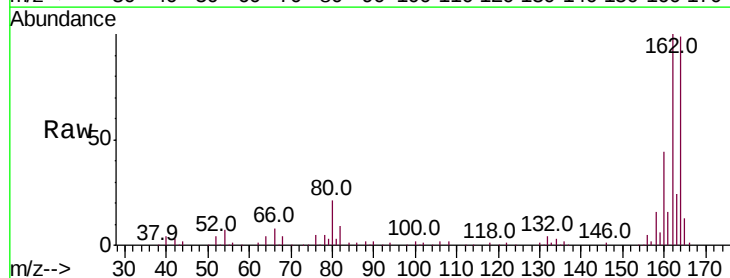


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

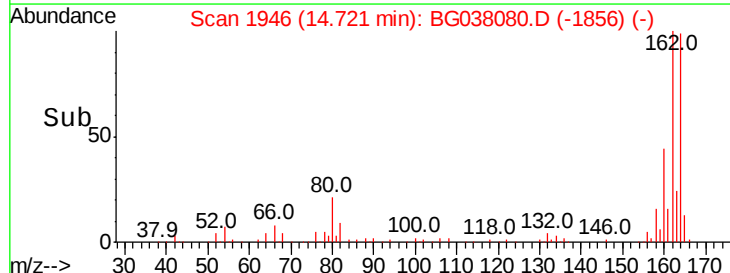
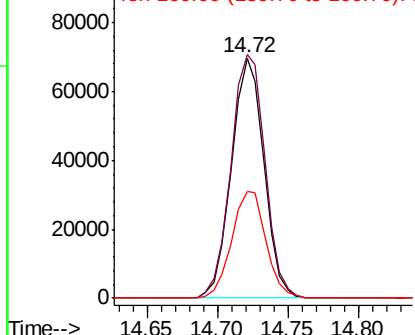


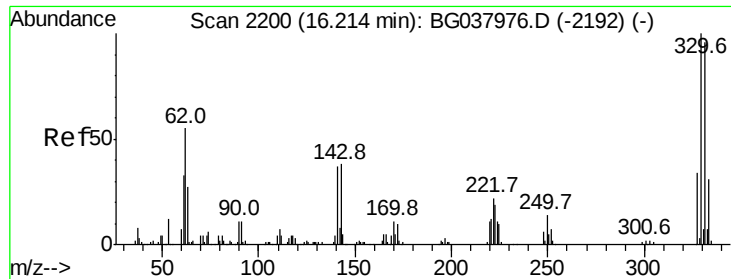
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	44.3	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

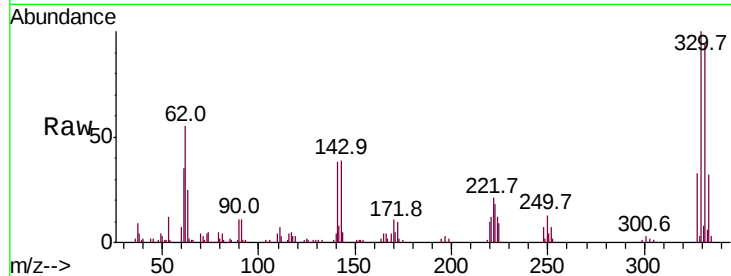




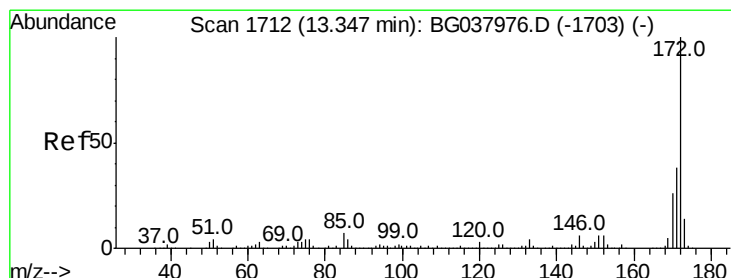
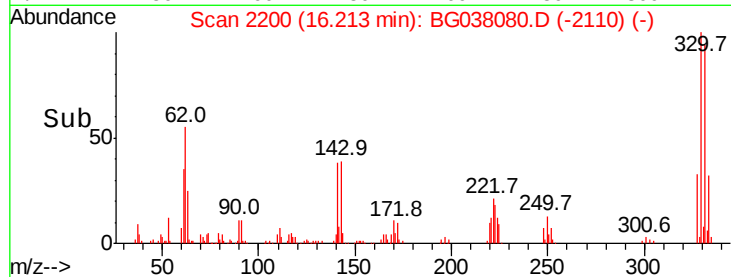
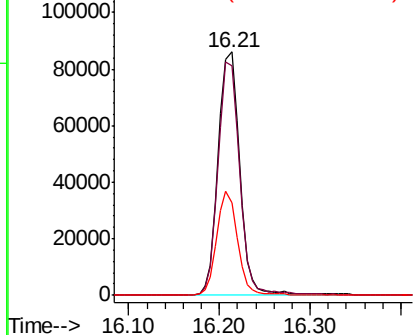
#42
 2,4,6-Tribromophenol
 Concen: 112.584 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Tot Ion:330 Resp: 143171
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 41.0 32.2 48.2

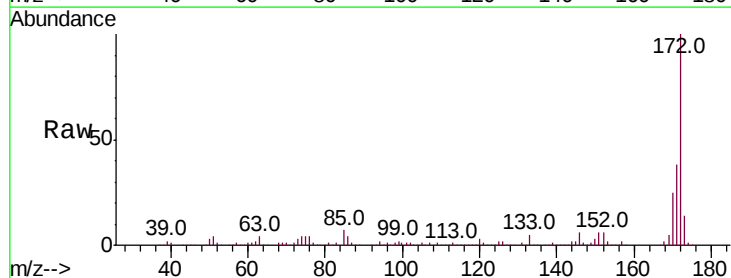


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

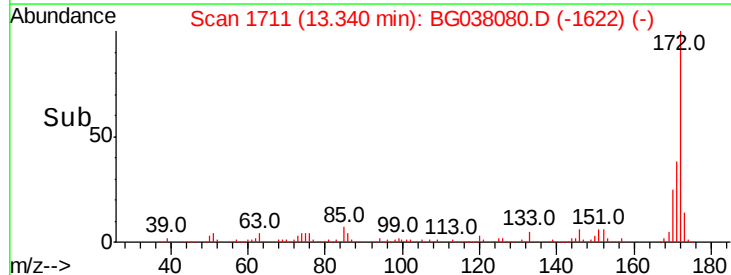
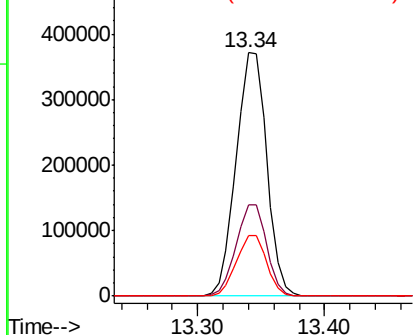


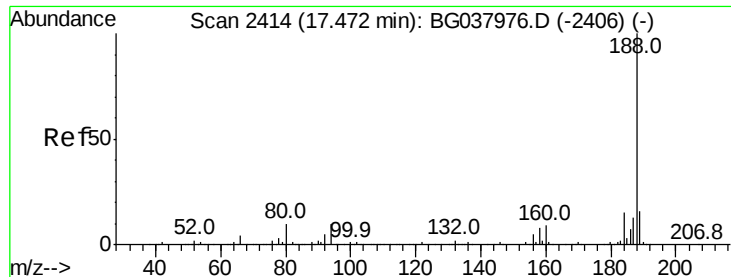
#45
 2-Fluorobiphenyl
 Concen: 81.296 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Tgt Ion:172 Resp: 622223
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 25.1 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# 2414

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Instrument :

BNA_G

ClientSampleId :

PB114916TB

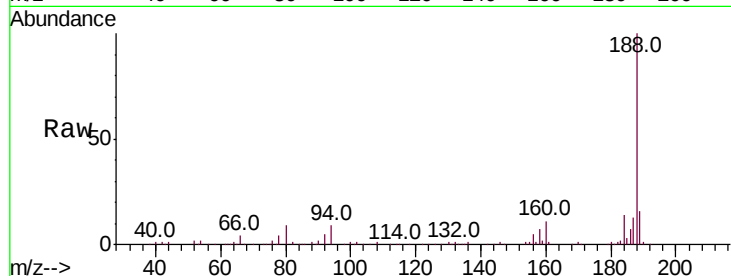
Tot Ion:188 Resp: 263157

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

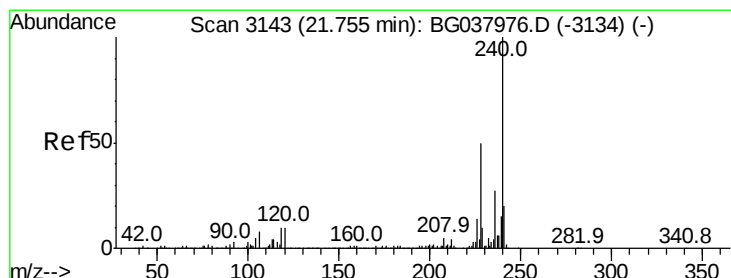
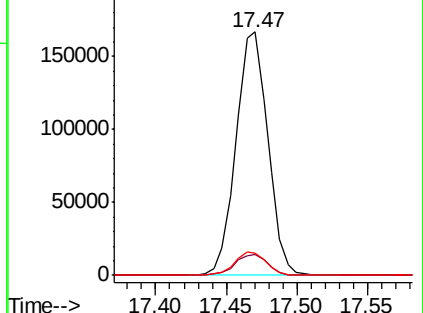
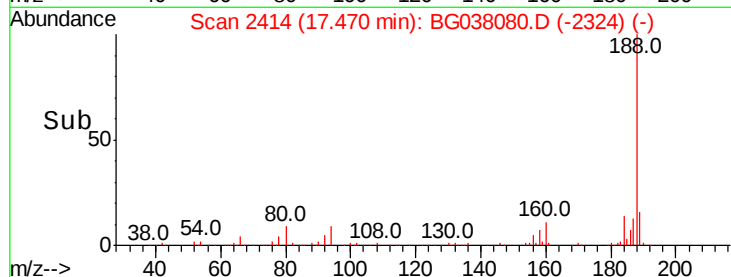
80 9.3 7.7 11.5



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: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

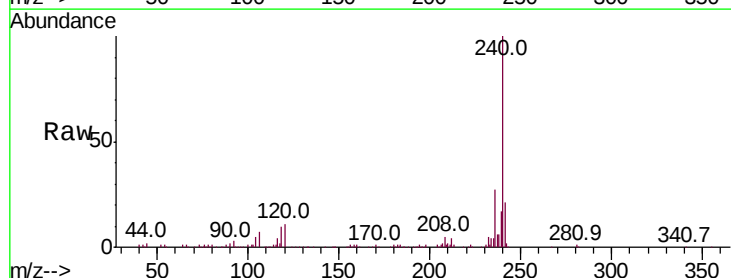
Tgt Ion:240 Resp: 253496

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

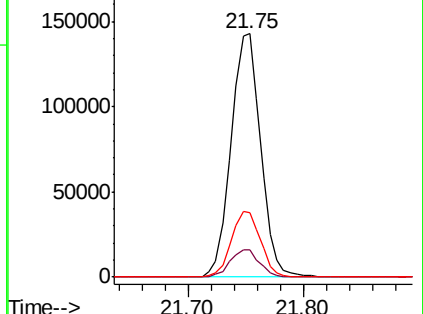
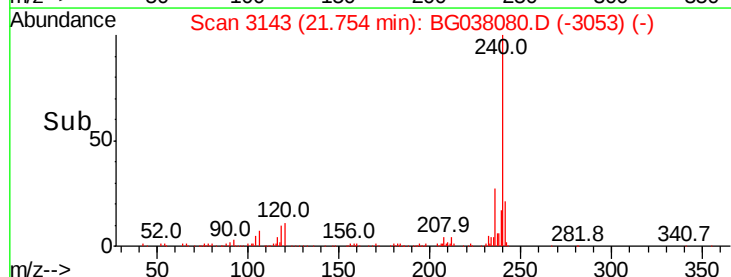
236 26.6 21.4 32.0

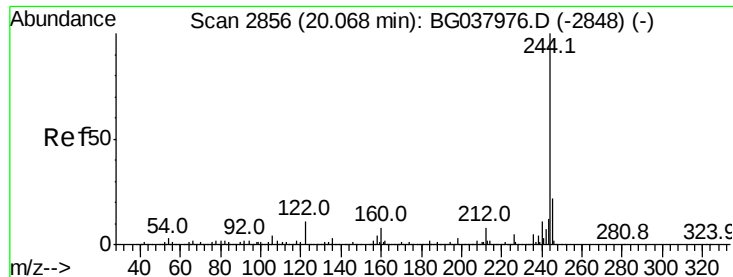


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

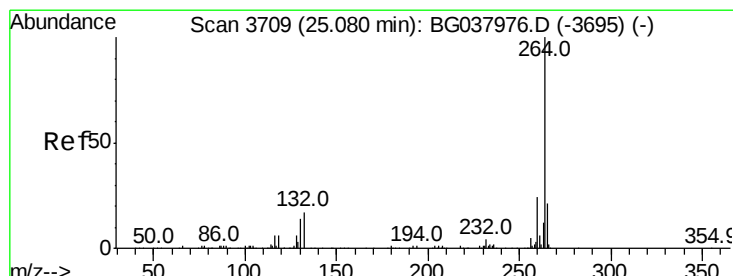
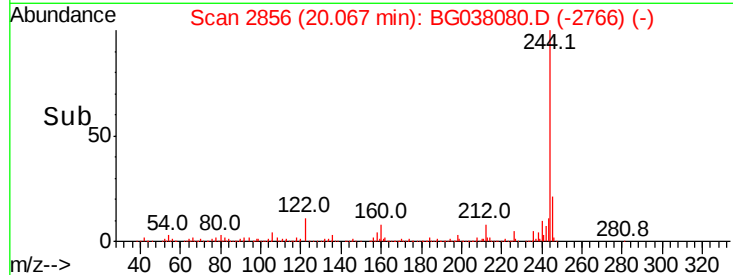
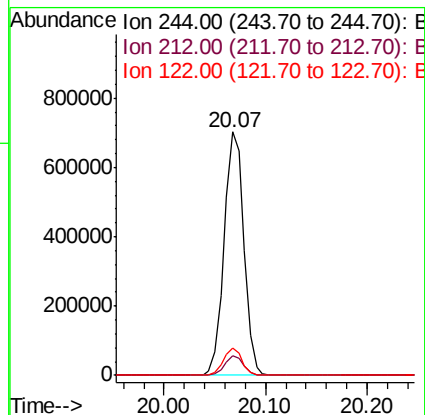
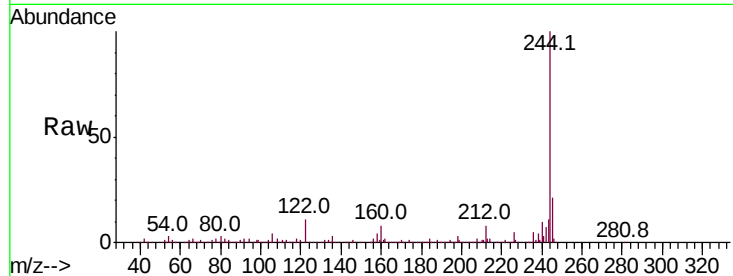




#79
 Terphenyl-d14
 Concen: 88.195 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Tot Ion:244	Resp:	950145
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.5 9.7
122	11.2	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: BG038080.D
 Acq: 20 Nov 2018 3:12

Tgt Ion:264	Resp:	257210
Ion Ratio	Lower	Upper
264	100	
260	23.0	18.2 27.4
265	22.0	17.9 26.9

