

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038303.D
 Acq On : 2 Dec 2018 1:25
 Operator : JU/SJ
 Sample : PB115183BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BL

Quant Time: Dec 03 03:40:02 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	8.07	152	26506	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	108576	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	70844	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	193892	20.00	ng	0.00
76) Chrysene-d12	21.74	240	198680	20.00	ng	-0.02
87) Perylene-d12	25.05	264	200341	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	157541	102.62	ng	0.00
7) Phenol-d6	7.22	99	211991	96.74	ng	0.00
23) Nitrobenzene-d5	9.25	82	197668	97.45	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	89030	110.19	ng	-0.02
45) 2-Fluorobiphenyl	13.33	172	462941	95.20	ng	-0.02
79) Terphenyl-d14	20.06	244	884275	104.73	ng	0.00

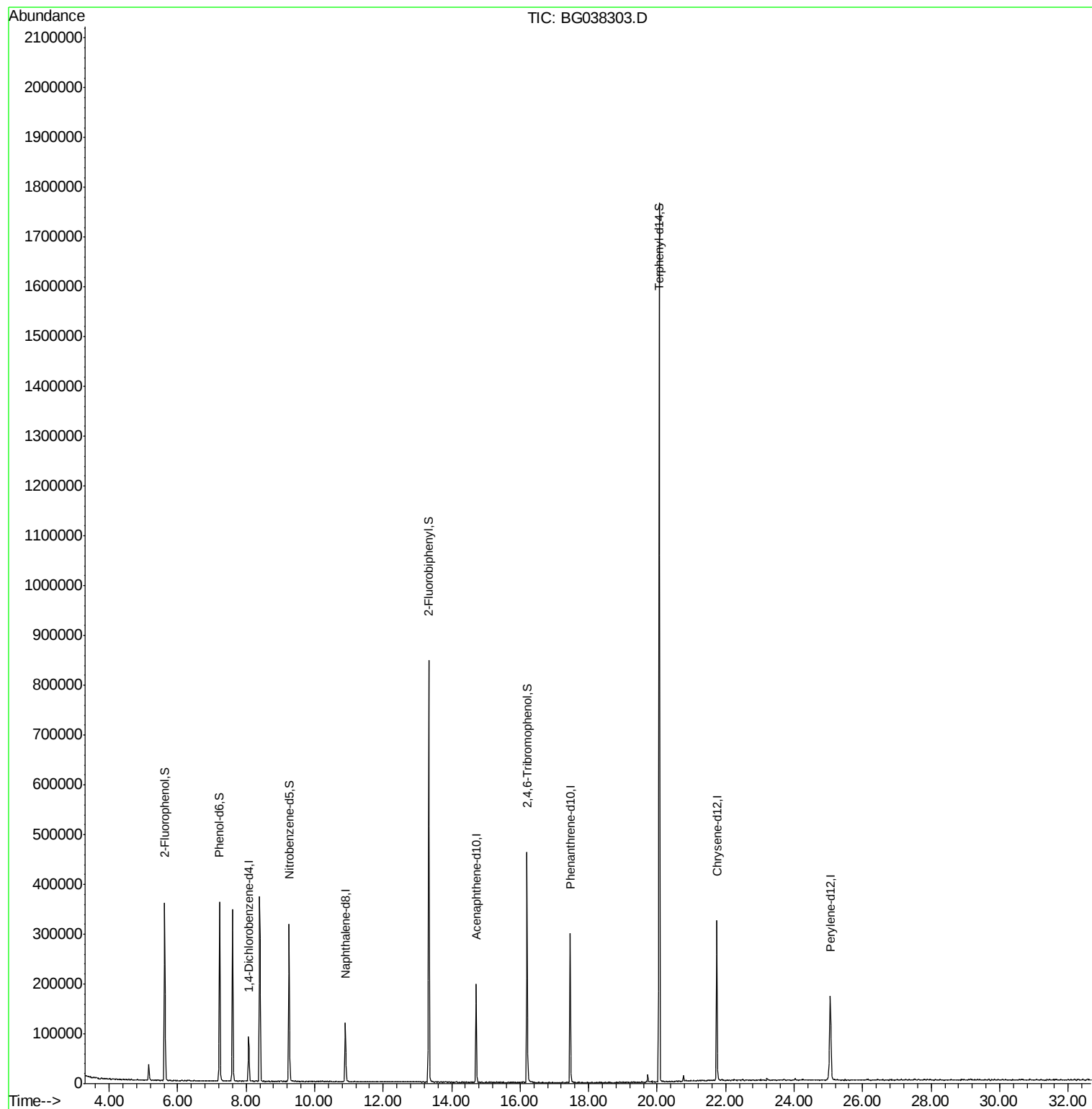
Target Compounds Qvalue

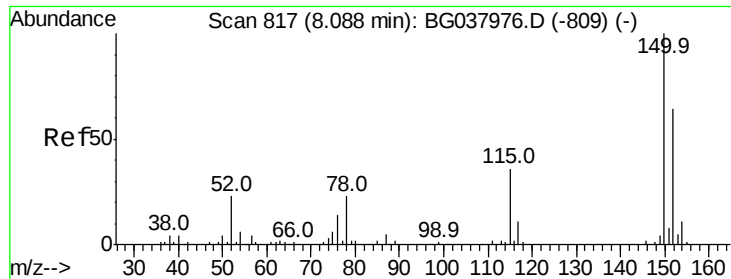
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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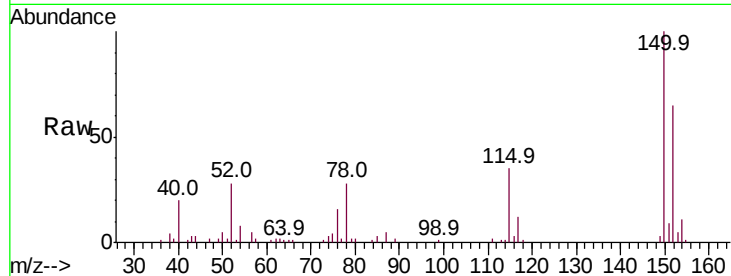


#1

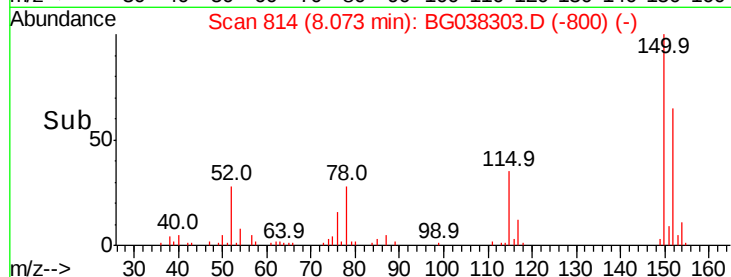
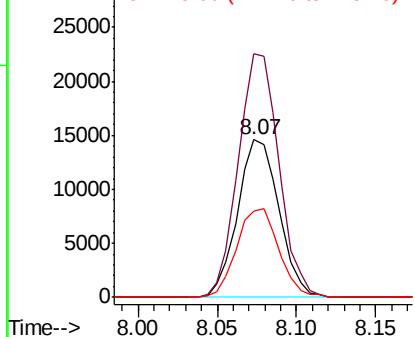
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.02 min
Lab File: BG038303.D
Acq: 2 Dec 2018 1:25

Instrument :
BNA_G
ClientSampleId :
PB115183BL

Tot Ion:152 Resp: 26506
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 54.7 45.5 68.3



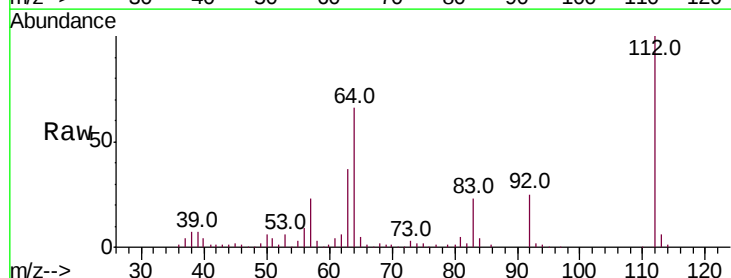
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



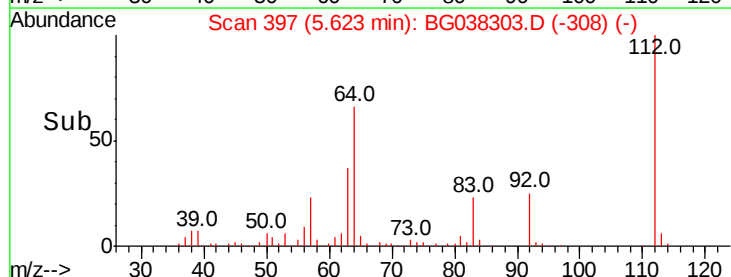
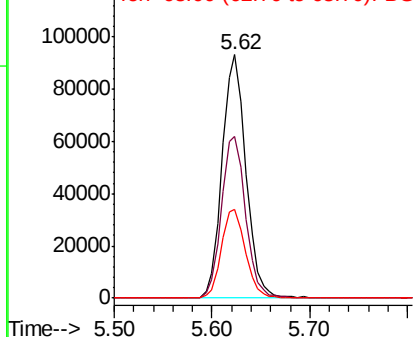
#5

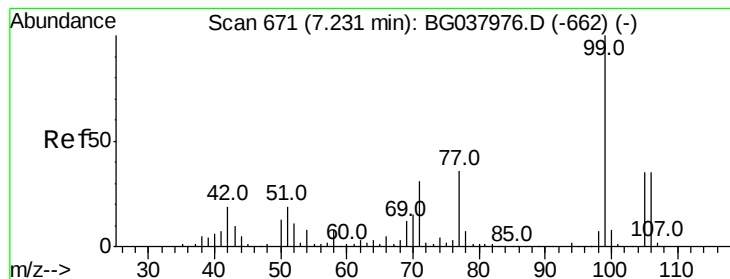
2-Fluorophenol
Concen: 102.620 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038303.D
Acq: 2 Dec 2018 1:25

Tgt Ion:112 Resp: 157541
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 36.6 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: 96.738 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038303.D

Acq: 2 Dec 2018 1:25

Instrument :

BNA_G

ClientSampleId :

PB115183BL

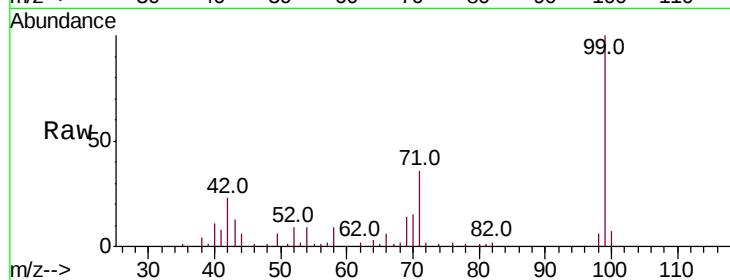
Tot Ion: 99 Resp: 211991

Ion Ratio Lower Upper

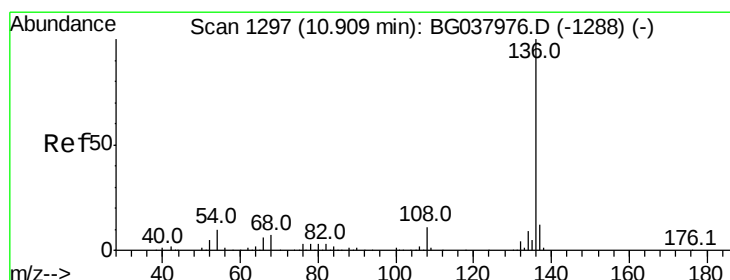
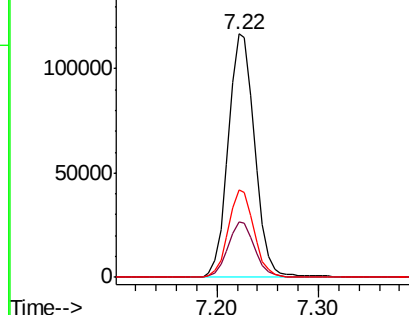
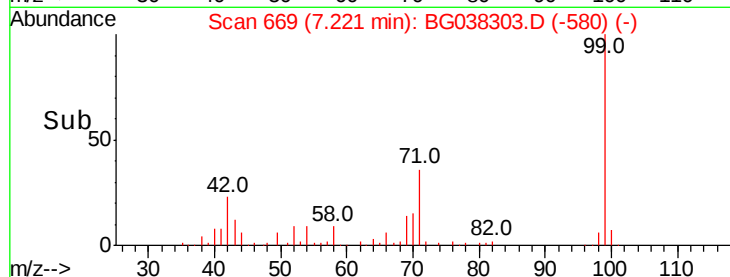
99 100

42 22.6 15.0 22.4#

71 35.7 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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038303.D

Acq: 2 Dec 2018 1:25

Tgt Ion: 136 Resp: 108576

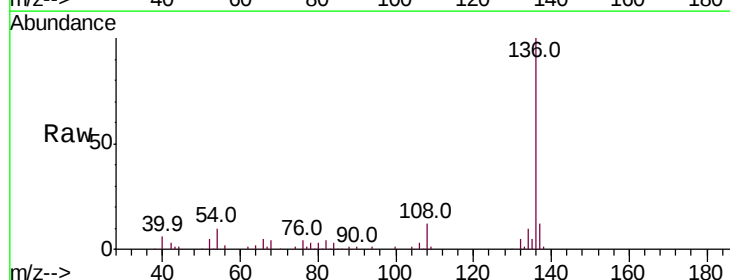
Ion Ratio Lower Upper

136 100

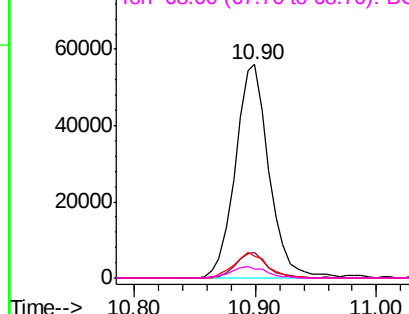
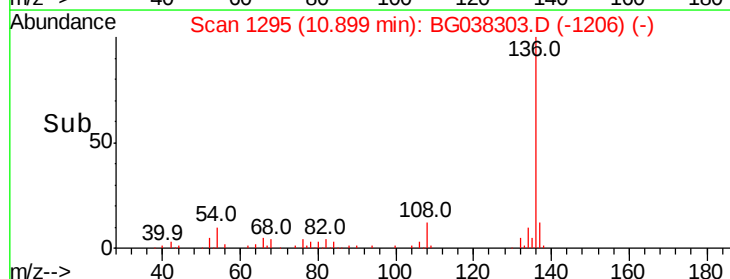
137 12.2 9.6 14.4

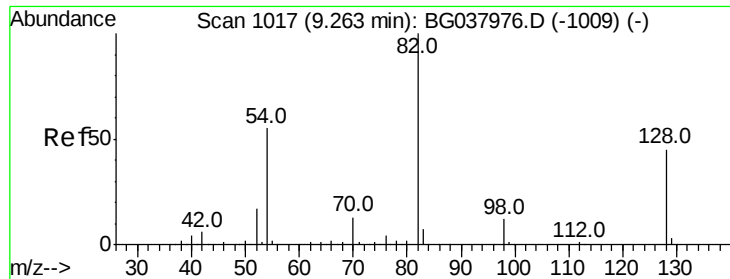
54 10.5 7.9 11.9

68 4.3 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

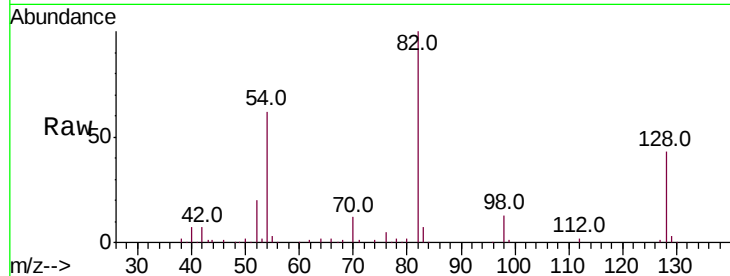




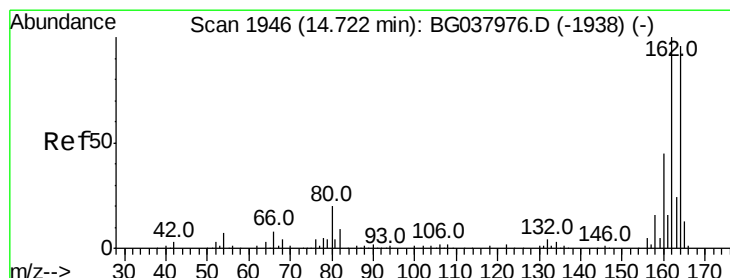
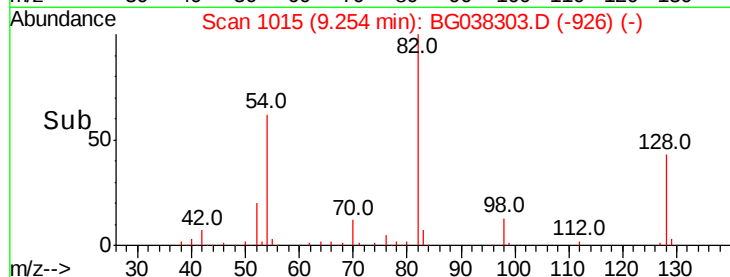
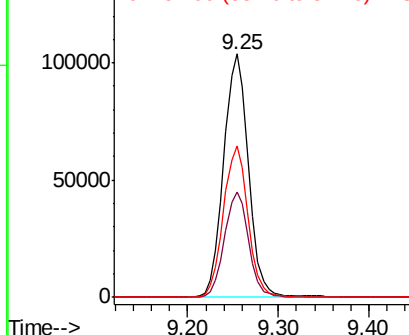
#23
 Nitrobenzene-d5
 Concen: 97.455 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG038303.D
 Acq: 2 Dec 2018 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BL

Tot Ion	82	Resp	197668
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.6	51.8
54	62.1	45.3	67.9

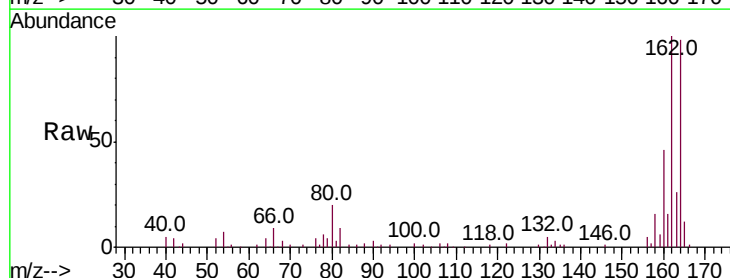


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

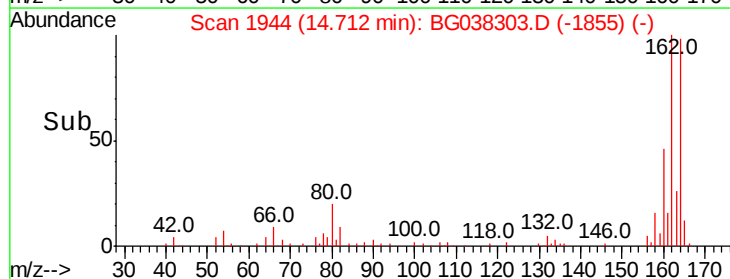
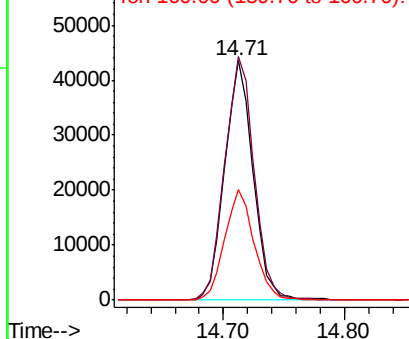


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG038303.D
 Acq: 2 Dec 2018 1:25

Tgt Ion	164	Resp	70844
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.3	121.9
160	46.3	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

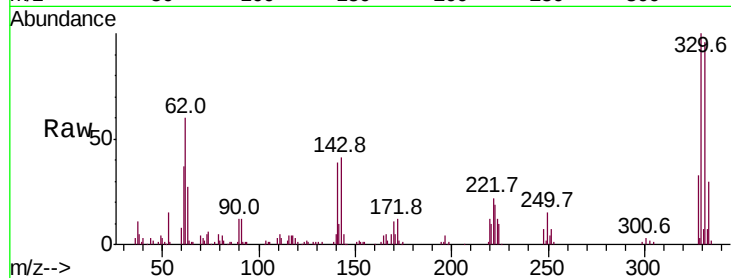




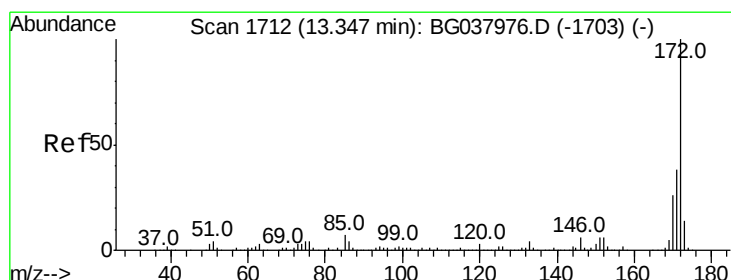
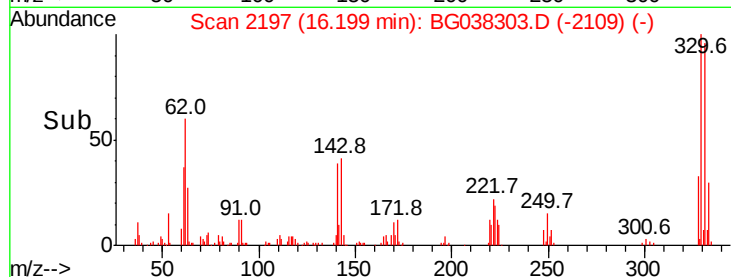
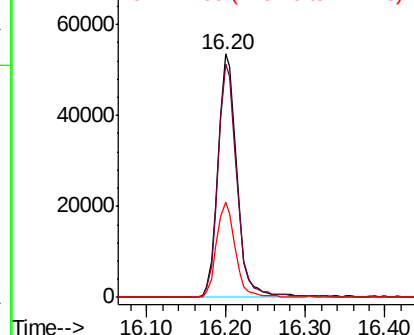
#42
 2,4,6-Tribromophenol
 Concen: 110.191 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG038303.D
 Acq: 2 Dec 2018 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	38.2	32.2	48.2

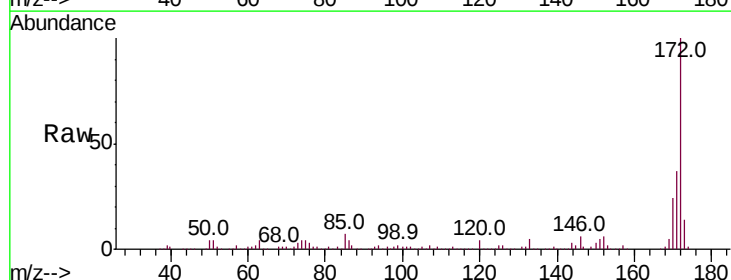


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

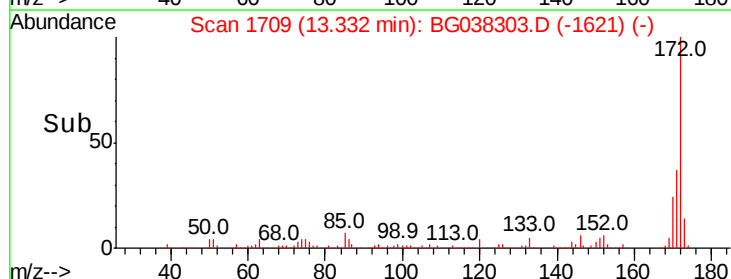
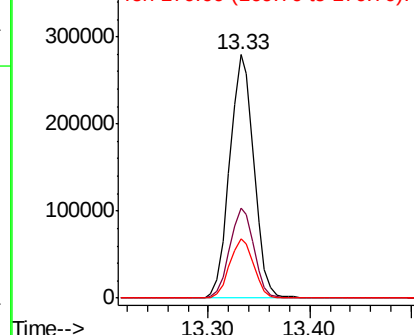


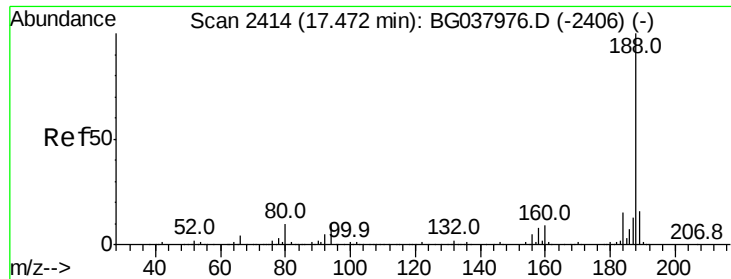
#45
 2-Fluorobiphenyl
 Concen: 95.200 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038303.D
 Acq: 2 Dec 2018 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.4	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# 2412

Delta R.T. -0.01 min

Lab File: BG038303.D

Acq: 2 Dec 2018 1:25

Instrument :

BNA_G

ClientSampleId :

PB115183BL

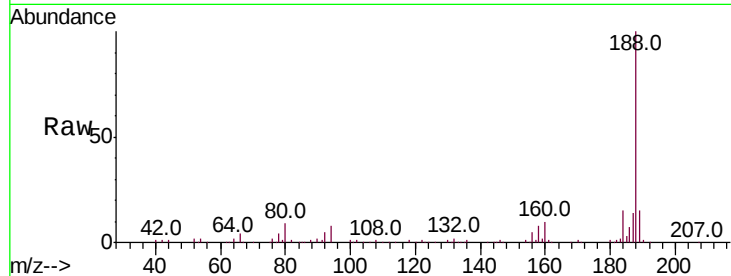
Tot Ion:188 Resp: 193892

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

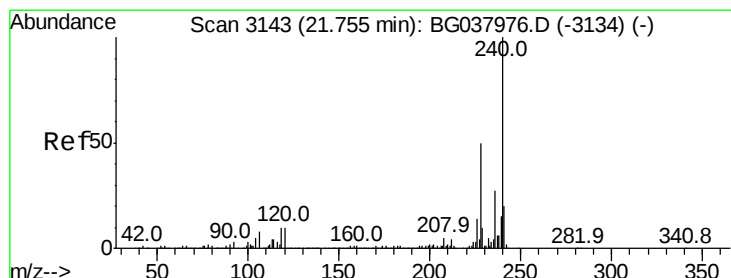
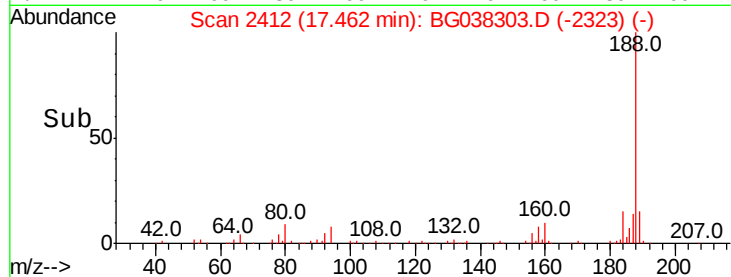
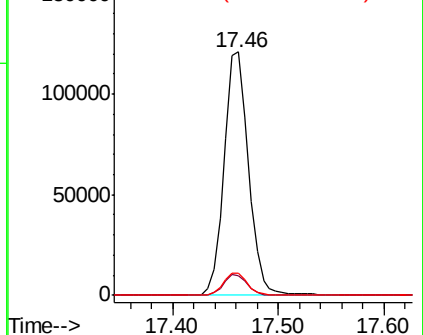
80 8.9 7.7 11.5



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: 21.74 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG038303.D

Acq: 2 Dec 2018 1:25

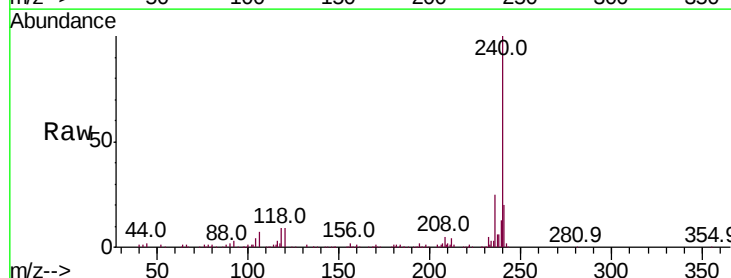
Tgt Ion:240 Resp: 198680

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

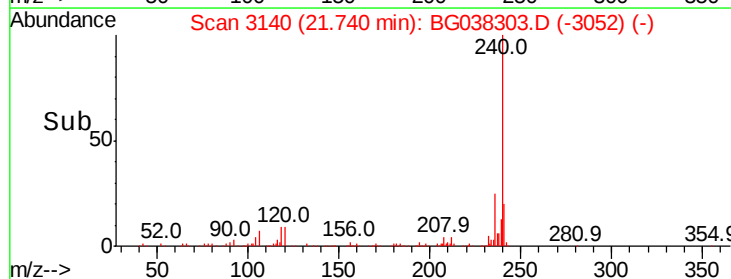
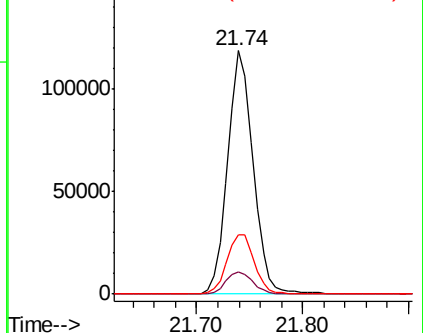
236 24.6 21.4 32.0



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: 104.727 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG038303.D

Acq: 2 Dec 2018 1:25

Instrument :

BNA_G

ClientSampleId :

PB115183BL

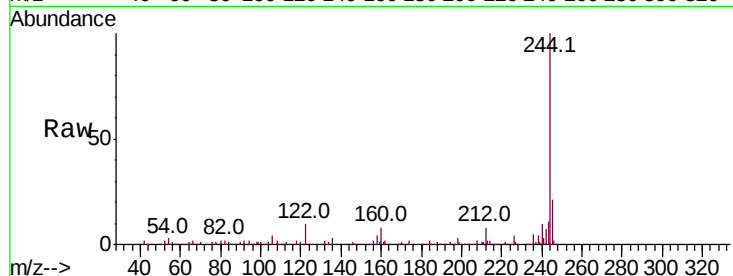
Tot Ion:244 Resp: 884275

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

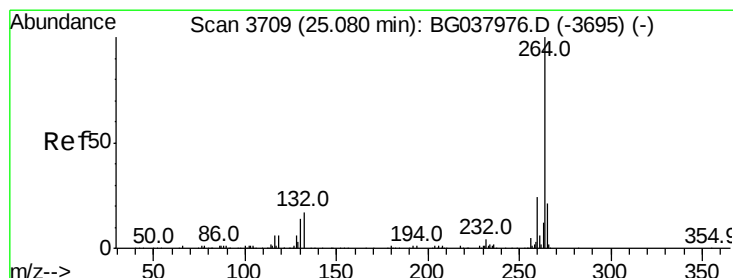
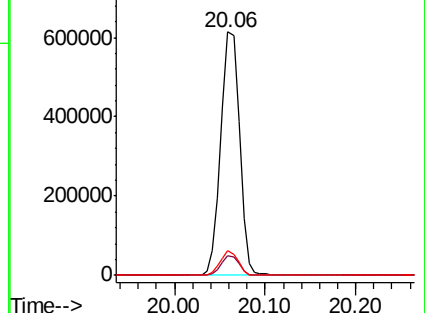
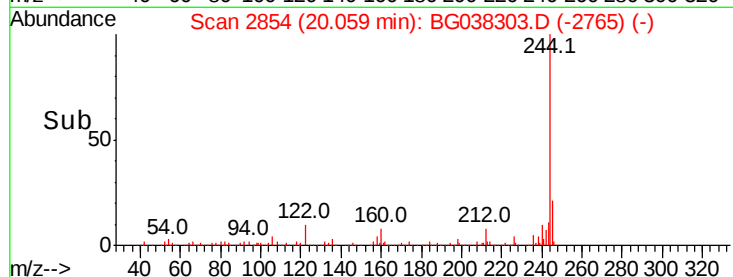
122 10.1 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.03 min

Lab File: BG038303.D

Acq: 2 Dec 2018 1:25

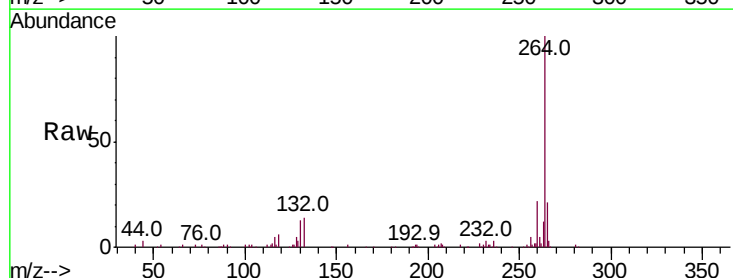
Tgt Ion:264 Resp: 200341

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 21.4 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

