

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038120.D
 Acq On : 21 Nov 2018 16:57
 Operator : JU/SJ
 Sample : PB114976BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BL

Quant Time: Nov 21 17:35:54 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	39396	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	169199	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109716	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	259460	20.00	ng	0.00
76) Chrysene-d12	21.75	240	243950	20.00	ng	0.00
87) Perylene-d12	25.07	264	240132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	305576	133.92	ng	0.00
7) Phenol-d6	7.24	99	425690	130.70	ng	0.00
23) Nitrobenzene-d5	9.26	82	265418	83.97	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	131206	104.86	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	616096	81.81	ng	0.00
79) Terphenyl-d14	20.07	244	940997	90.76	ng	0.00

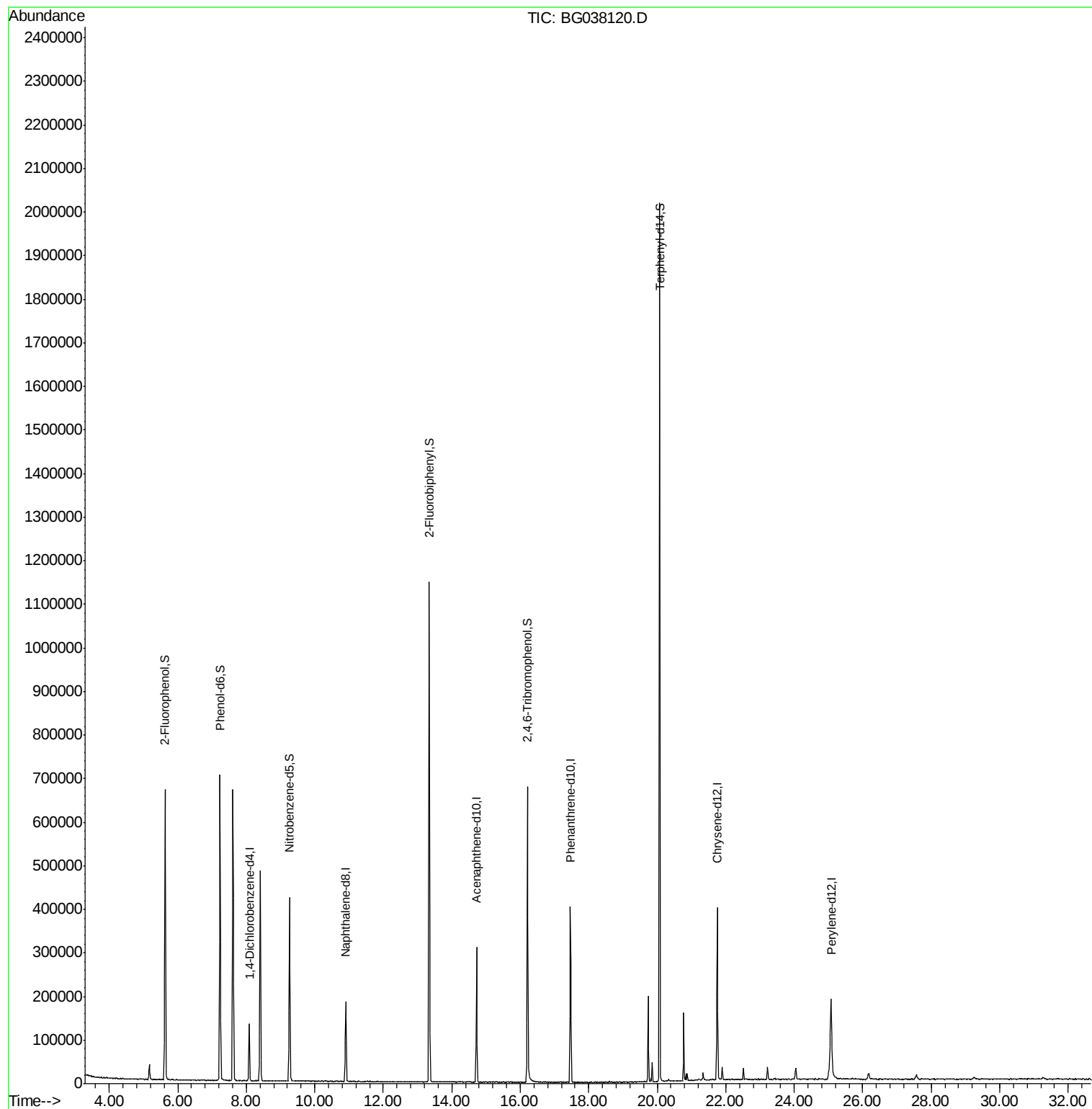
Target Compounds Qvalue

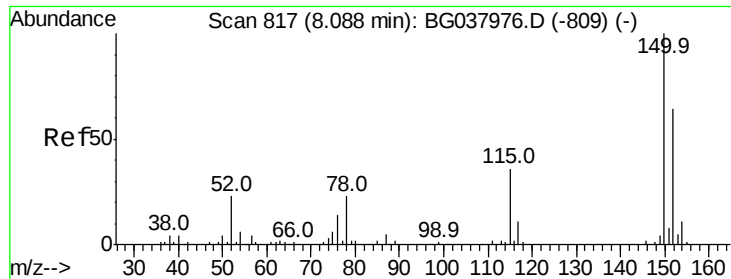
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

BNA_G

ClientSampleId :

PB114976BL

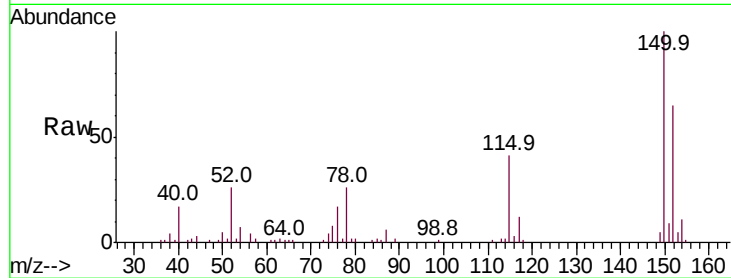
Tot Ion:152 Resp: 39396

Ion Ratio Lower Upper

152 100

150 153.2 126.0 189.0

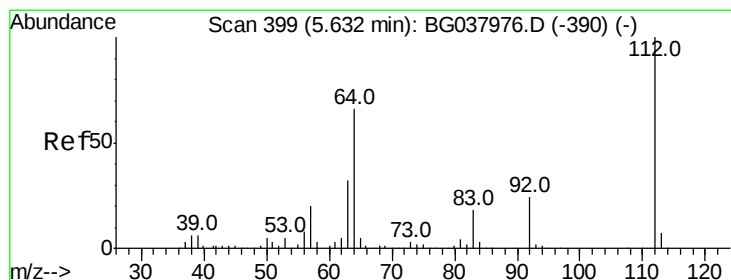
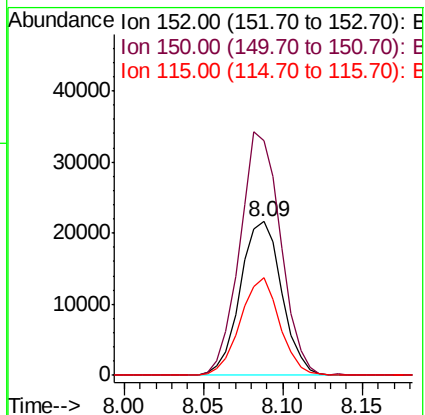
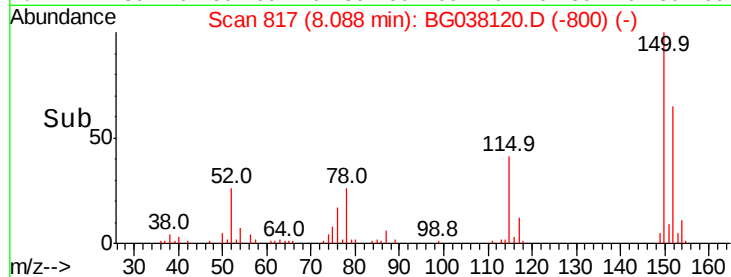
115 63.3 45.5 68.3



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: 133.921 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

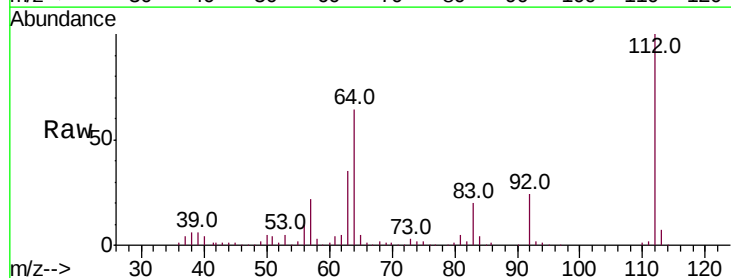
Tgt Ion:112 Resp: 305576

Ion Ratio Lower Upper

112 100

64 64.1 53.1 79.7

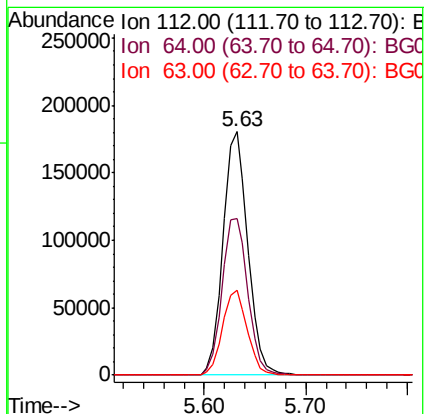
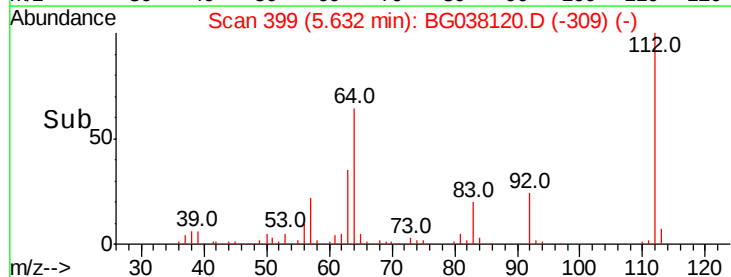
63 35.0 27.3 40.9



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: 130.697 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

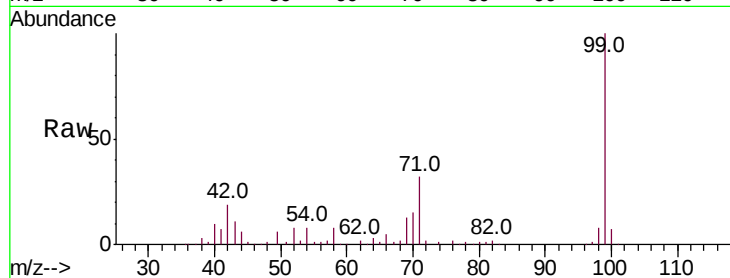
BNA_G

ClientSampleId :

PB114976BL

Tot Ion: 99 Resp: 425690

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	32.1	25.5	38.3

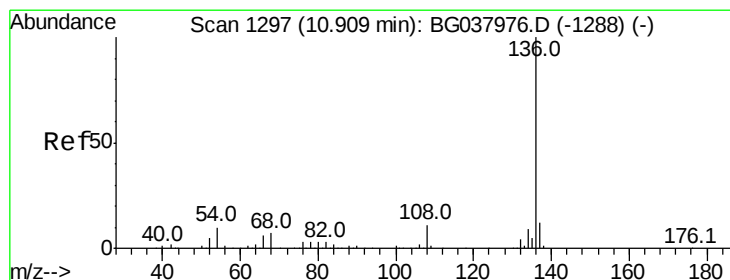
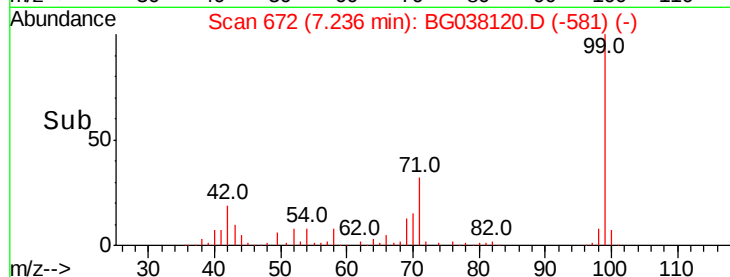
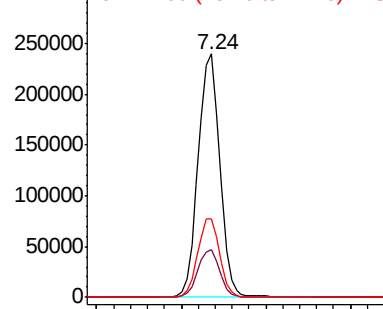


Abundance

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

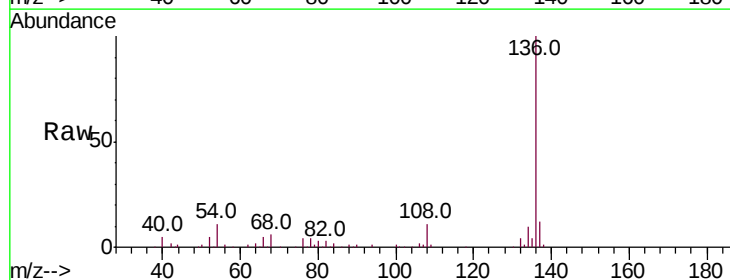
Delta R.T. -0.00 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Tgt Ion: 136 Resp: 169199

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.8	7.9	11.9
68	5.9	4.8	7.2



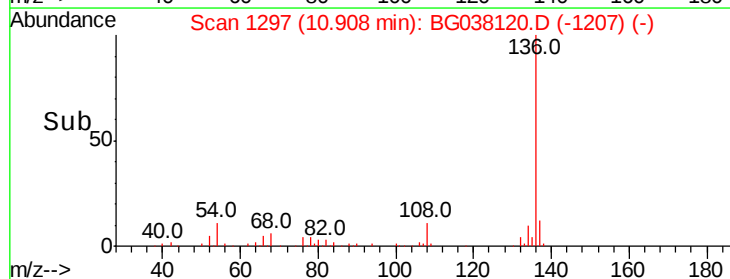
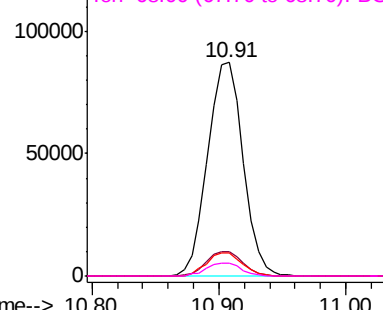
Abundance

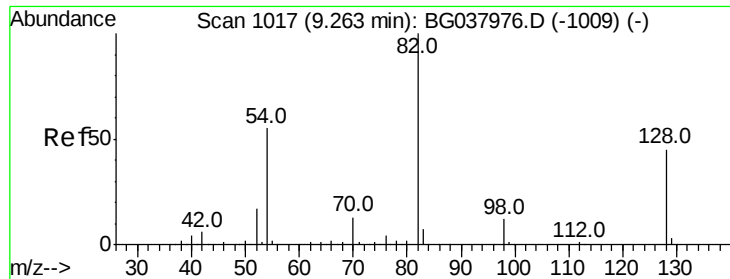
Ion 136.00 (135.70 to 136.70): BGC

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

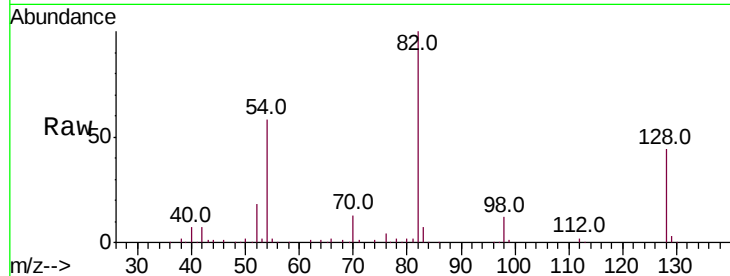




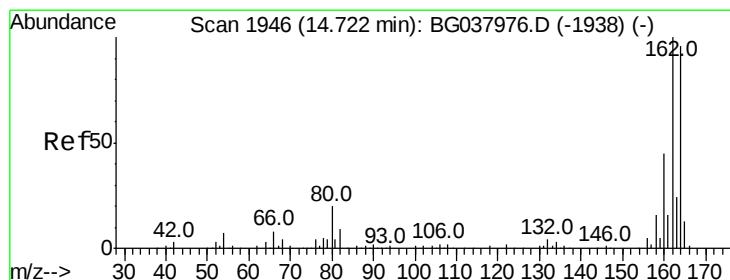
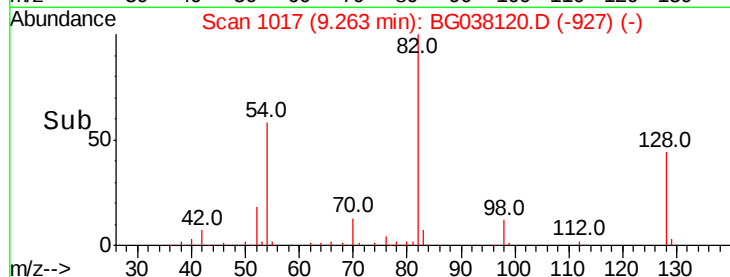
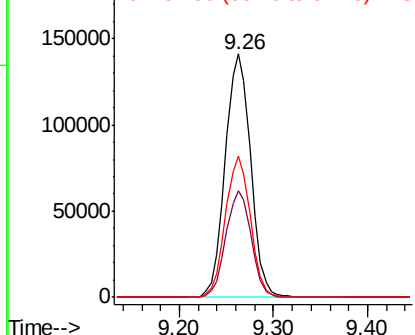
#23
Nitrobenzene-d5
Concen: 83.972 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Instrument :
BNA_G
ClientSampleId :
PB114976BL

Tot Ion: 82 Resp: 265418
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 57.8 45.3 67.9

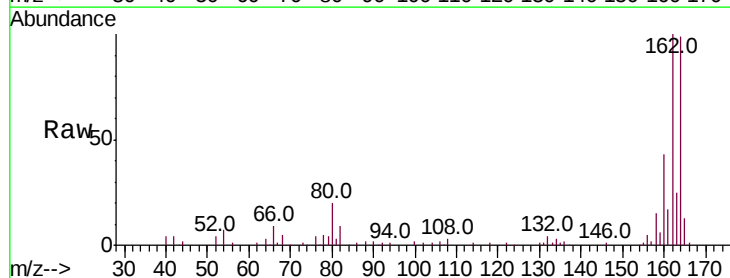


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

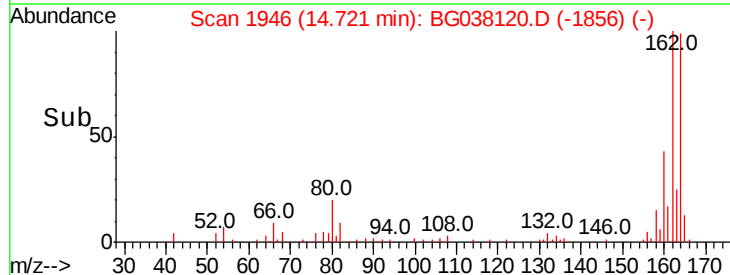
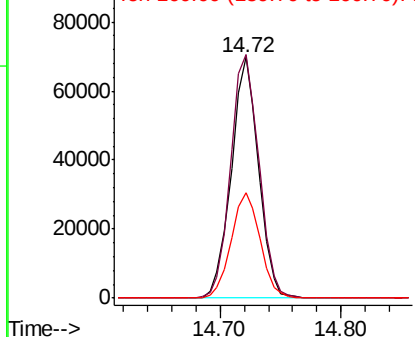


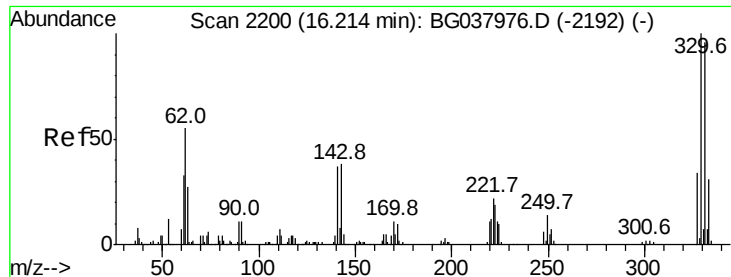
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Tgt Ion:164 Resp: 109716
Ion Ratio Lower Upper
164 100
162 101.1 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

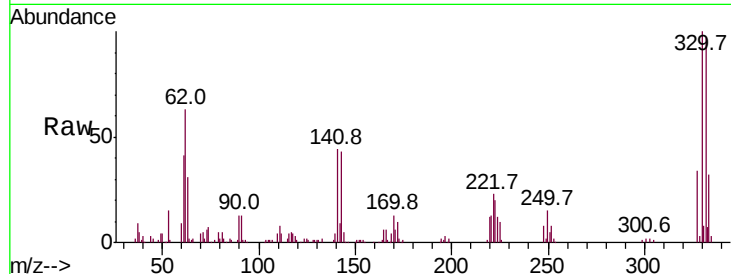




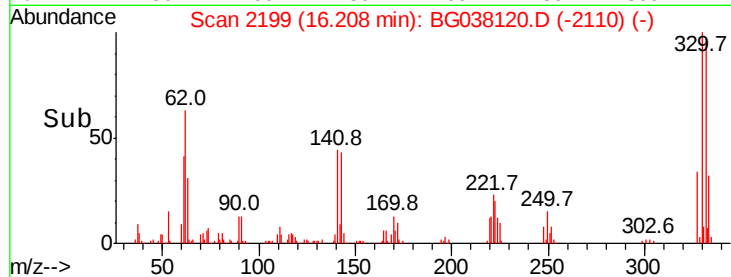
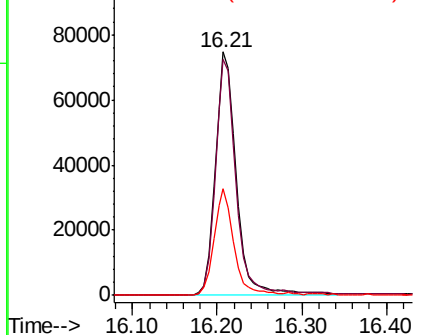
#42
 2,4,6-Tribromophenol
 Concen: 104.857 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038120.D
 Acq: 21 Nov 2018 16:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	40.8	32.2	48.2

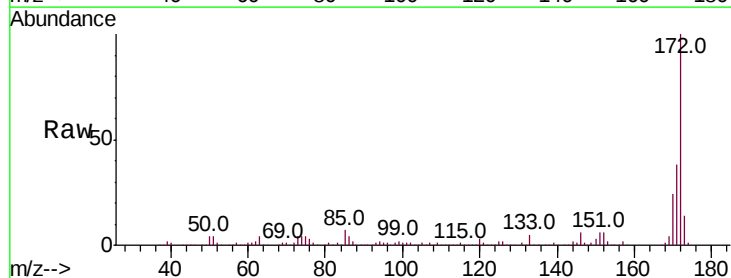


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

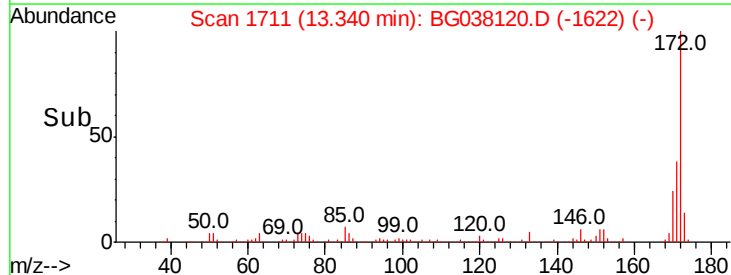
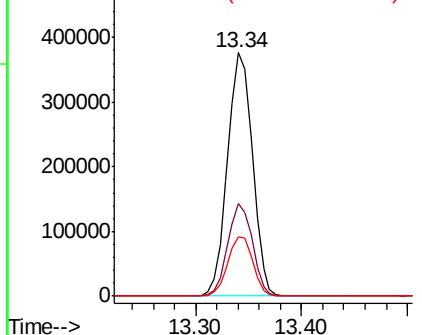


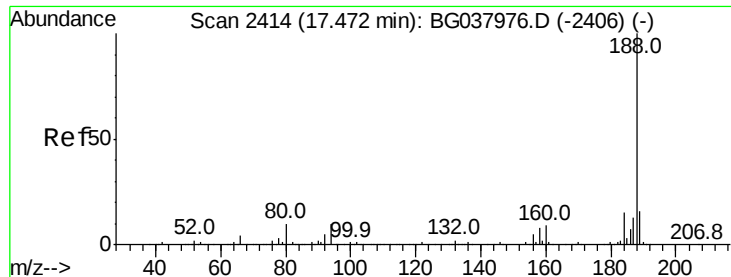
#45
 2-Fluorobiphenyl
 Concen: 81.808 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038120.D
 Acq: 21 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.3	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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

BNA_G

ClientSampleId :

PB114976BL

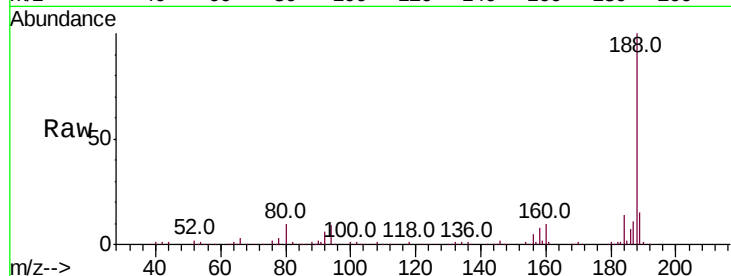
Tot Ion:188 Resp: 259460

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

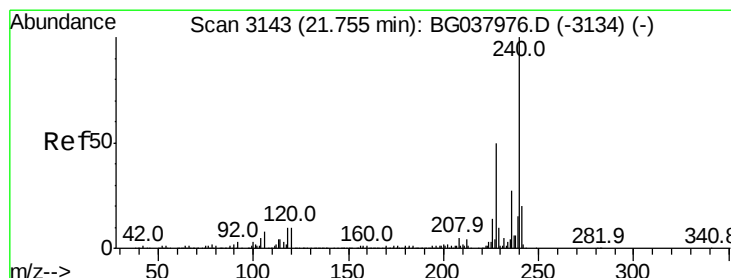
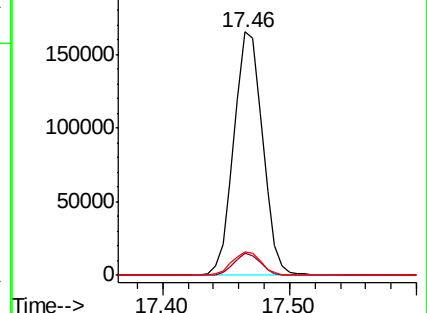
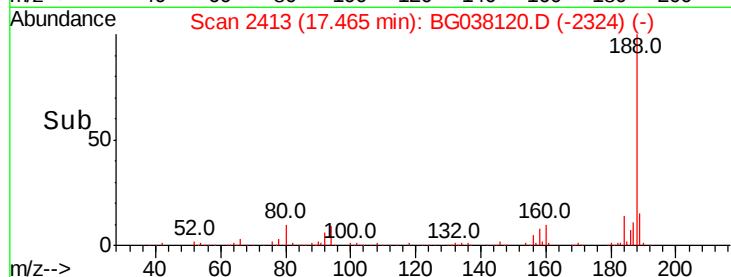
80 9.8 7.7 11.5



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# 3142

Delta R.T. -0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

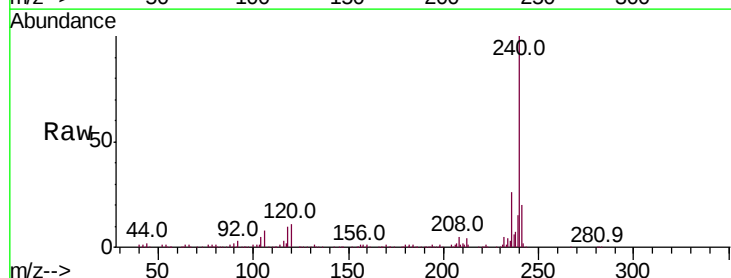
Tgt Ion:240 Resp: 243950

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

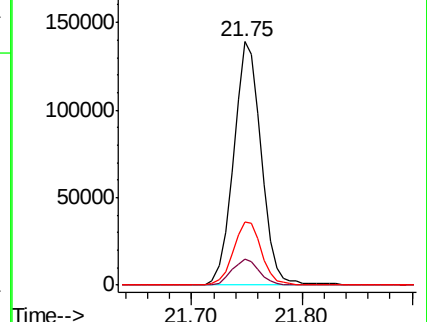
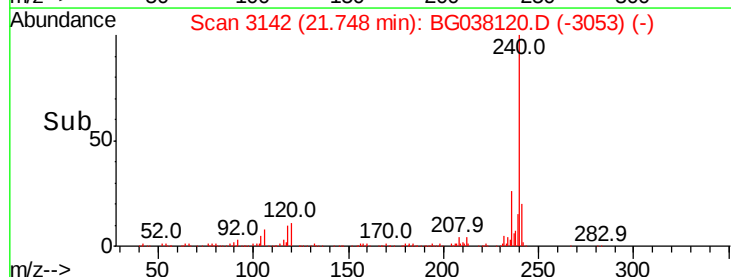
236 26.2 21.4 32.0



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: 90.763 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

BNA_G

ClientSampleId :

PB114976BL

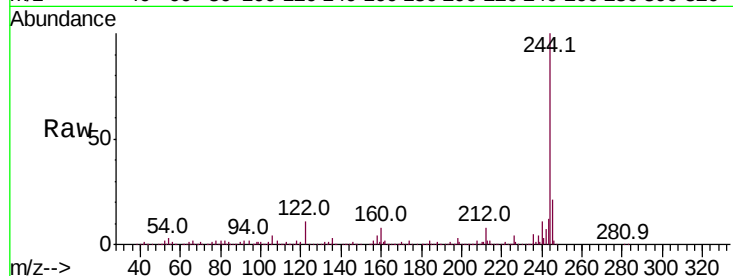
Tot Ion:244 Resp: 940997

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

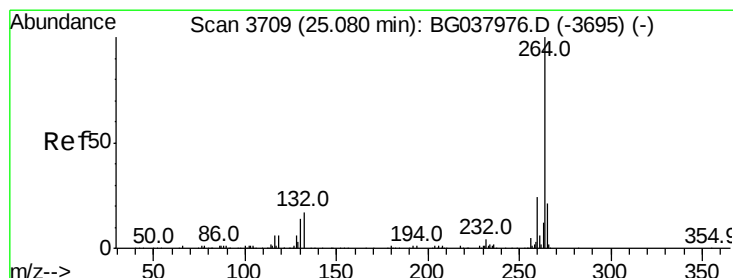
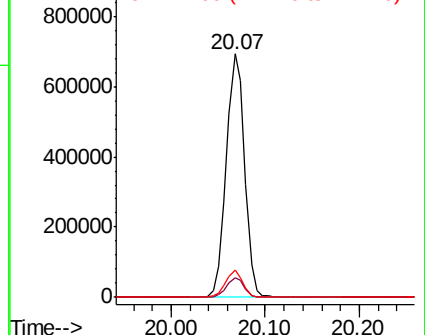
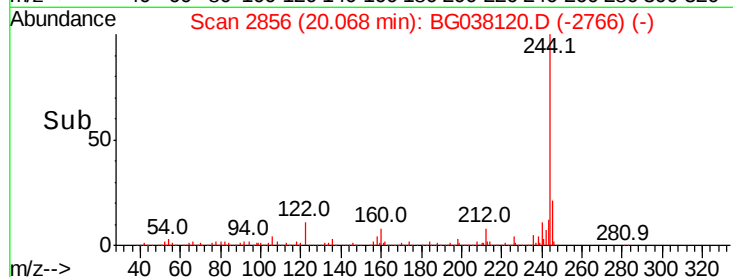
122 11.1 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

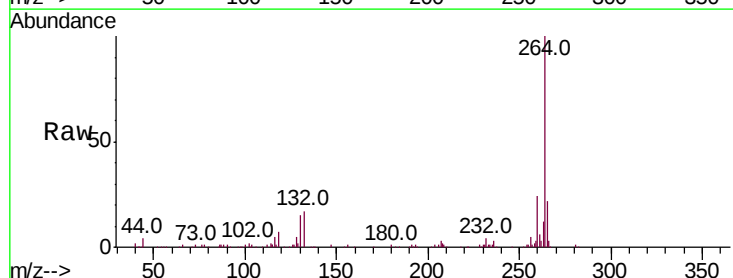
Tgt Ion:264 Resp: 240132

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.2 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

