

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037992.D
 Acq On : 14 Nov 2018 00:33
 Operator : JU/SJ
 Sample : PB114712BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Quant Time: Nov 14 03:07:38 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	38923	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	171540	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112149	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	275210	20.00	ng	0.00
76) Chrysene-d12	21.75	240	264747	20.00	ng	0.00
87) Perylene-d12	25.07	264	264141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	211379	93.76	ng	0.00
7) Phenol-d6	7.23	99	290017	90.12	ng	0.00
23) Nitrobenzene-d5	9.26	82	249570	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	96321	75.31	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	623171	80.95	ng	0.00
79) Terphenyl-d14	20.07	244	875925	77.85	ng	0.00

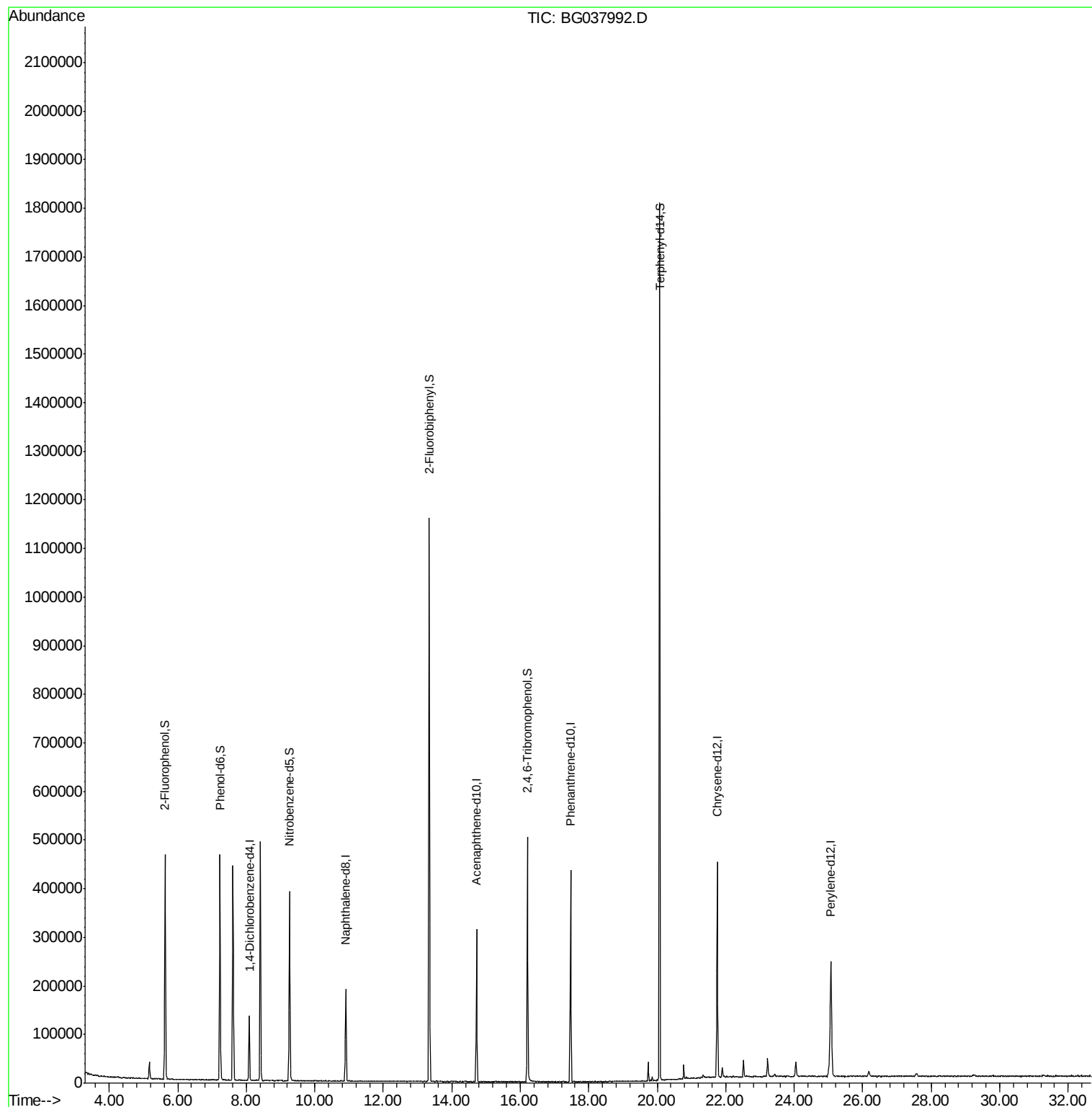
Target Compounds Qvalue

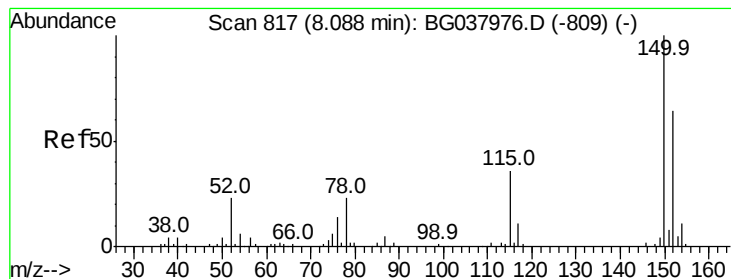
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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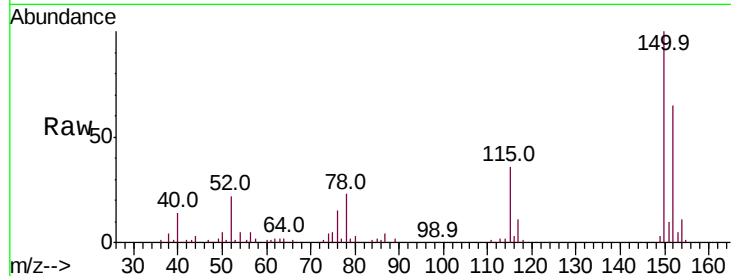


#1

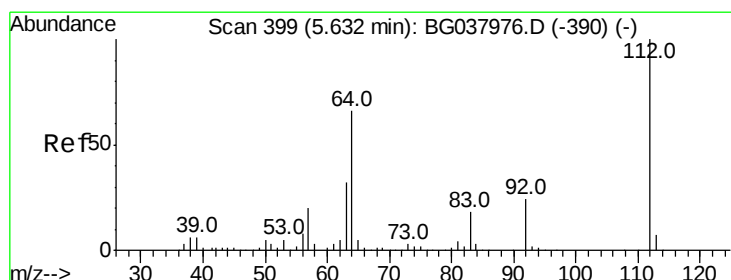
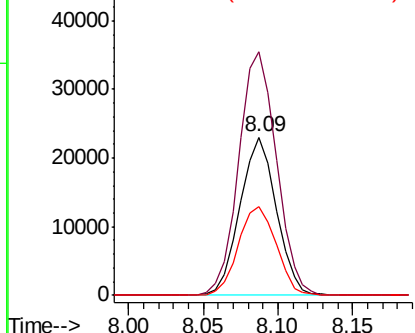
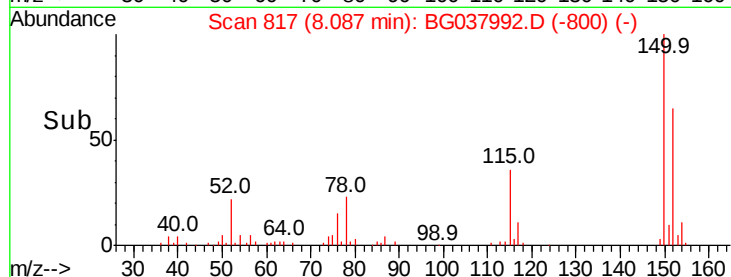
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG037992.D
 Acq: 14 Nov 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Tot Ion:152 Resp: 38923
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.0 189.0
 115 56.1 45.5 68.3



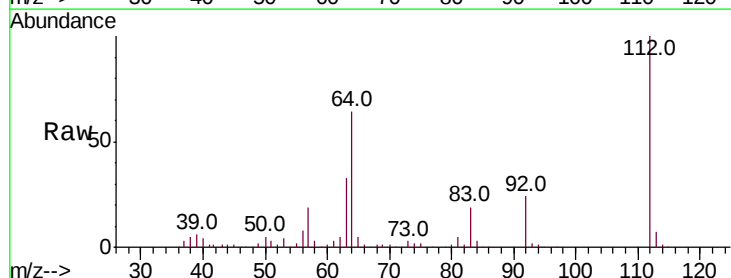
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



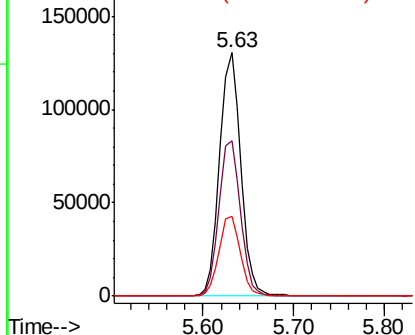
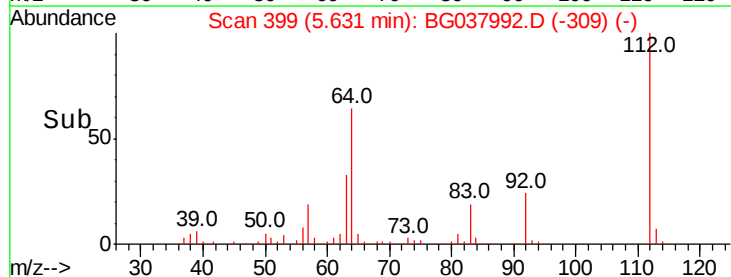
#5

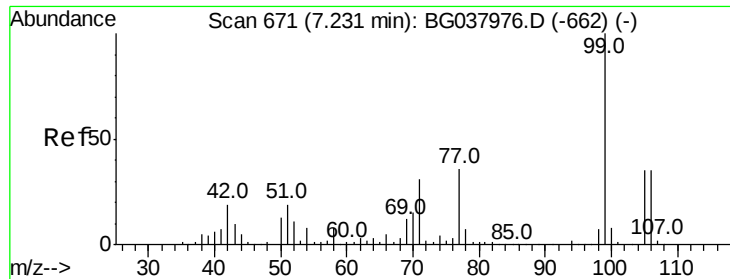
2-Fluorophenol
 Concen: 93.765 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG037992.D
 Acq: 14 Nov 2018 00:33

Tgt Ion:112 Resp: 211379
 Ion Ratio Lower Upper
 112 100
 64 64.0 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: 90.124 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037992.D

Acq: 14 Nov 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB114712BL

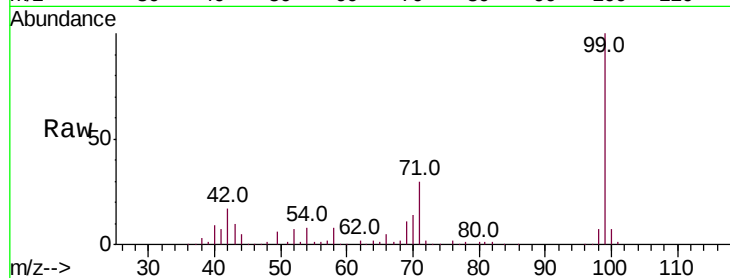
Tot Ion: 99 Resp: 290017

Ion Ratio Lower Upper

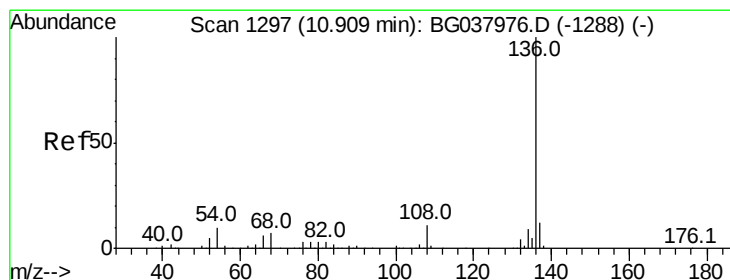
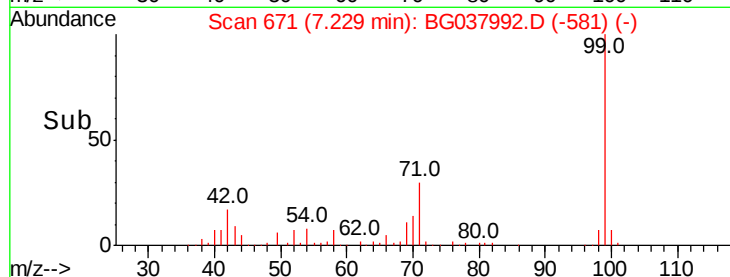
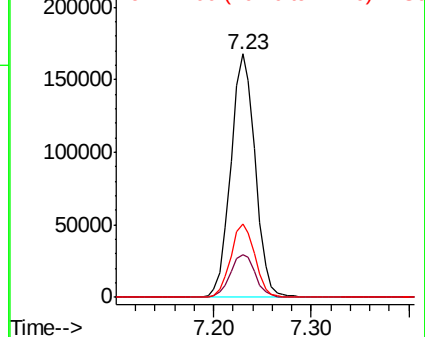
99 100

42 17.5 15.0 22.4

71 30.1 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: BG037992.D

Acq: 14 Nov 2018 00:33

Tgt Ion: 136 Resp: 171540

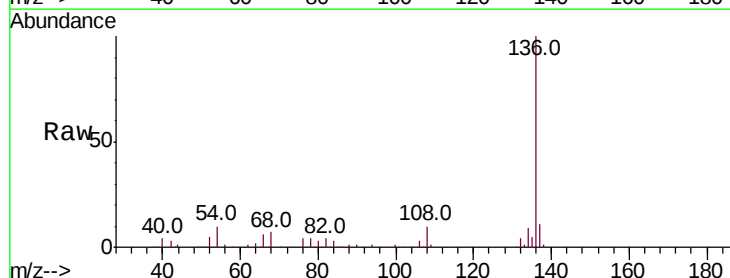
Ion Ratio Lower Upper

136 100

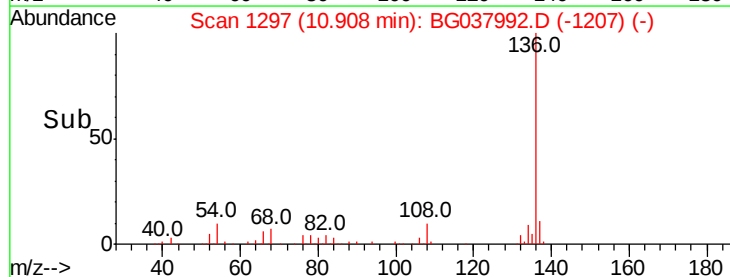
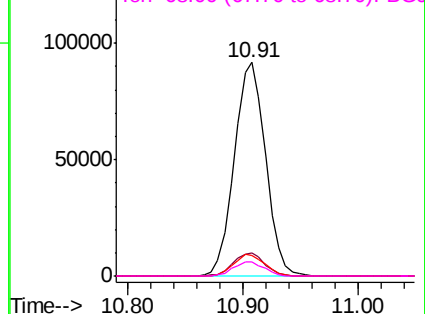
137 11.0 9.6 14.4

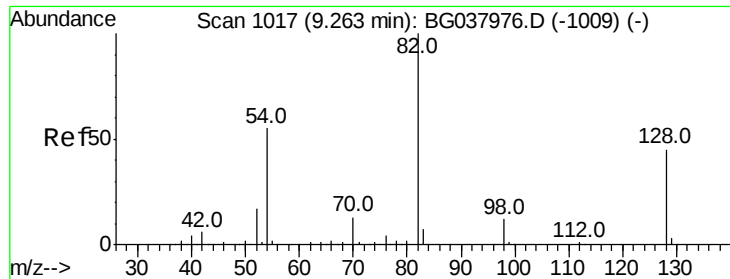
54 9.7 7.9 11.9

68 6.5 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

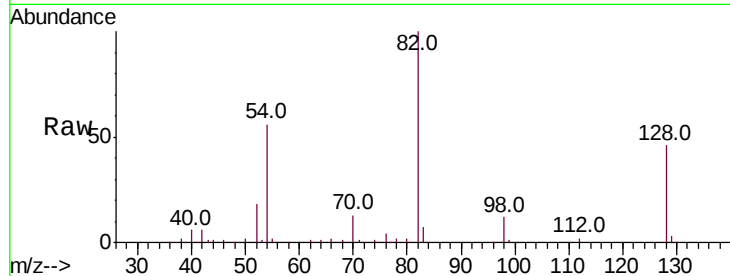




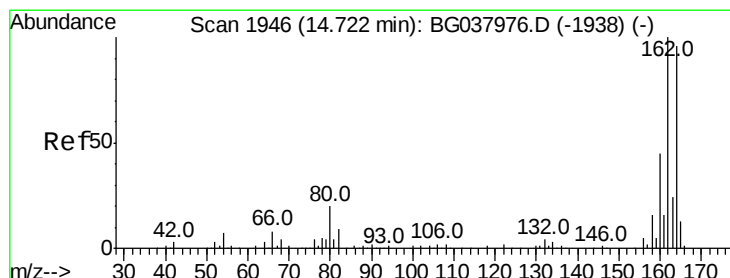
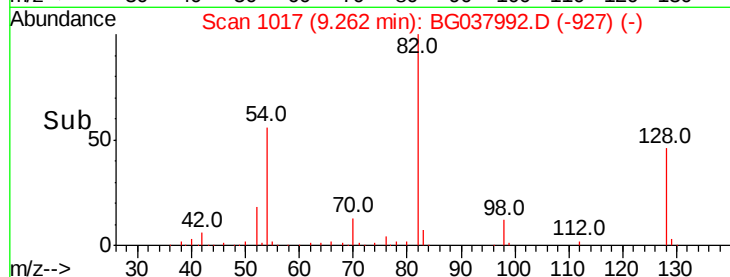
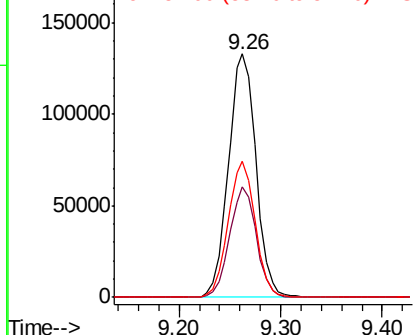
#23
 Nitrobenzene-d5
 Concen: 77.880 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG037992.D
 Acq: 14 Nov 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Tot Ion	82	Resp	249570
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.6	51.8
54	55.7	45.3	67.9

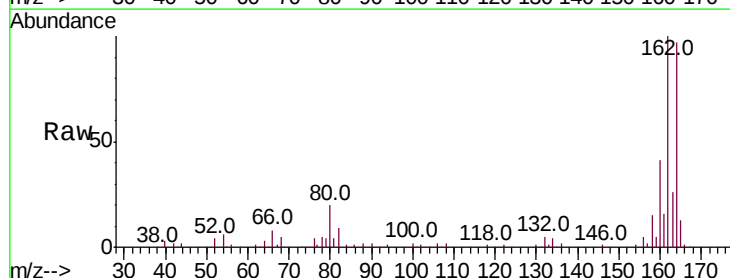


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

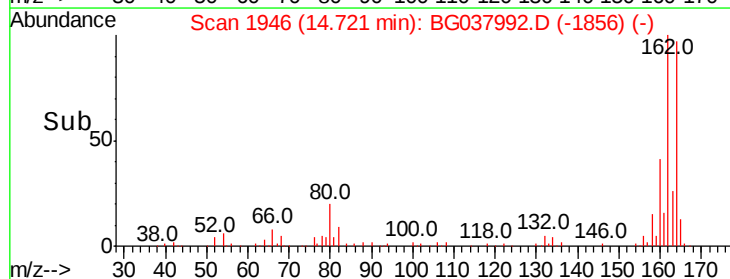
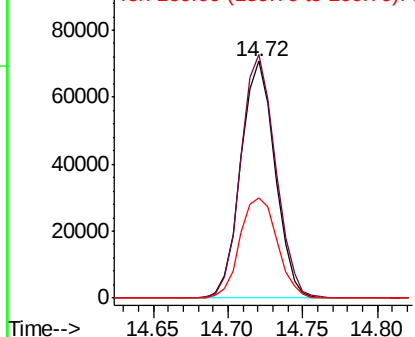


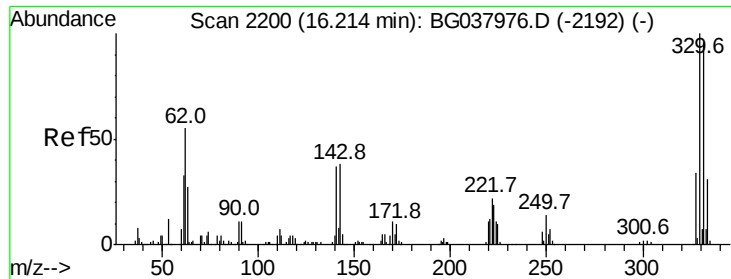
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG037992.D
 Acq: 14 Nov 2018 00:33

Tgt Ion	164	Resp	112149
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.3	121.9
160	42.1	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

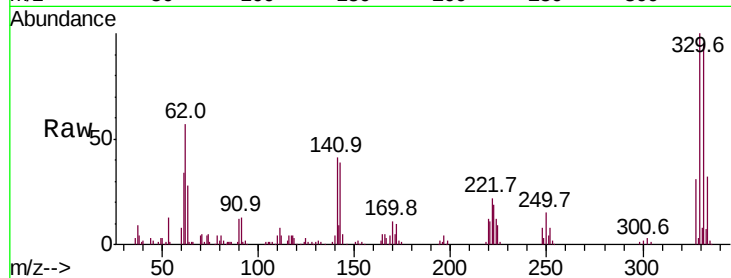




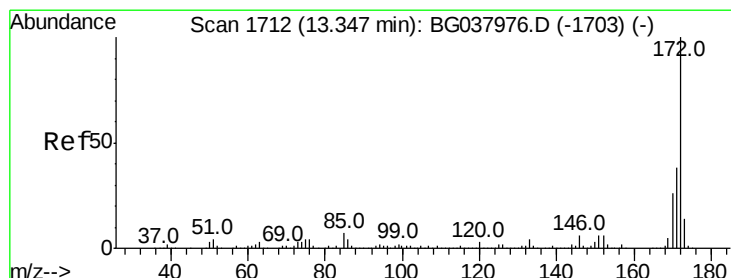
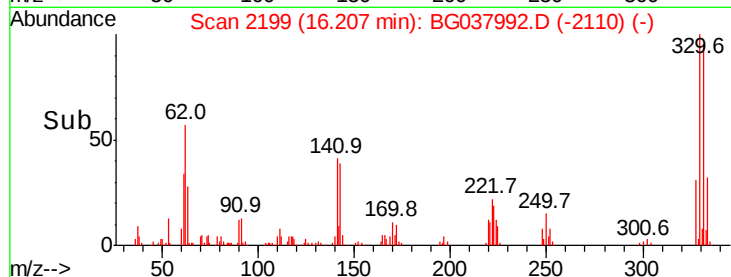
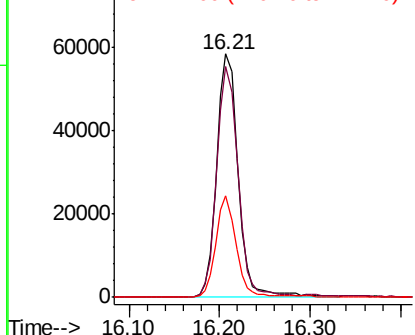
#42
 2,4,6-Tribromophenol
 Concen: 75.308 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037992.D
 Acq: 14 Nov 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Tot Ion:330 Resp: 96321
 Ion Ratio Lower Upper
 330 100
 332 93.8 78.4 117.6
 141 38.9 32.2 48.2

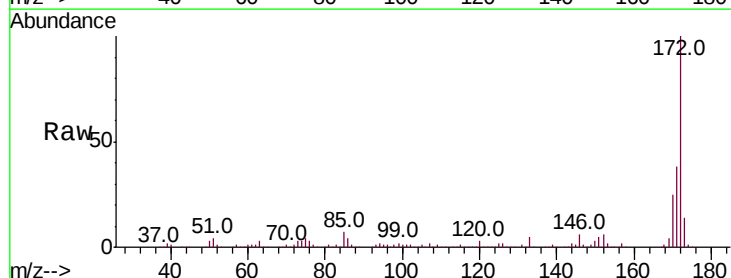


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

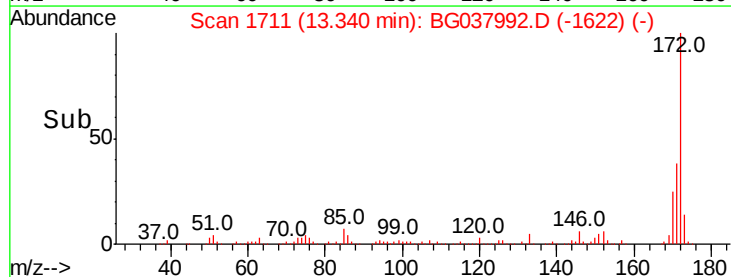
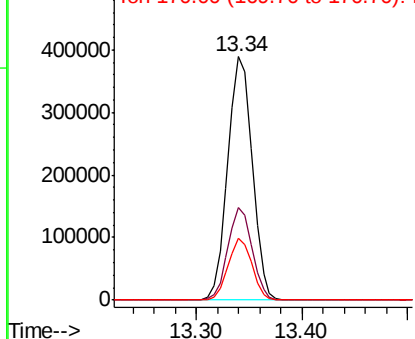


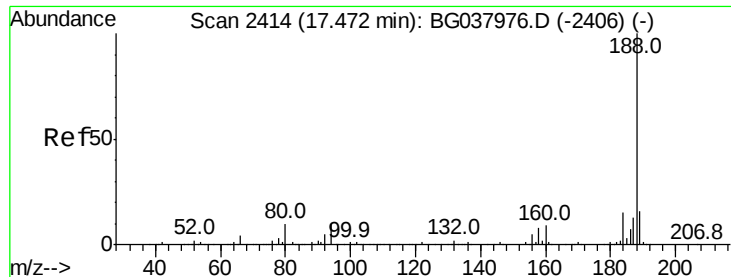
#45
 2-Fluorobiphenyl
 Concen: 80.952 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037992.D
 Acq: 14 Nov 2018 00:33

Tgt Ion:172 Resp: 623171
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 25.2 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: BG037992.D

Acq: 14 Nov 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB114712BL

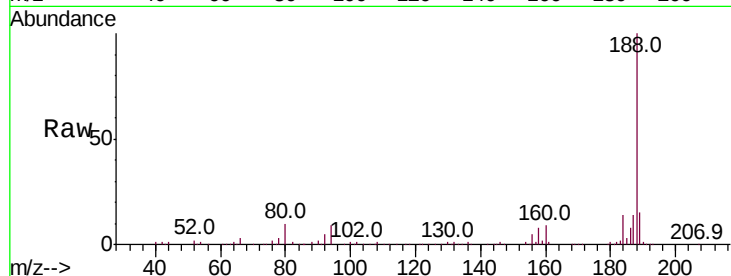
Tot Ion:188 Resp: 275210

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

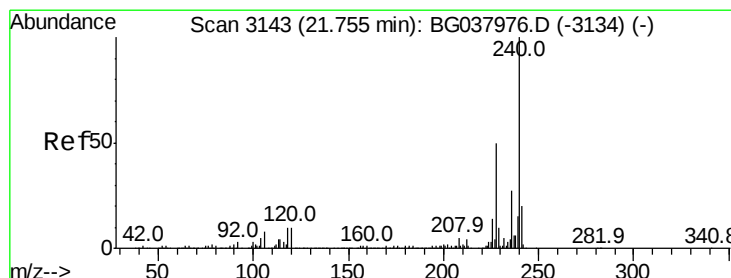
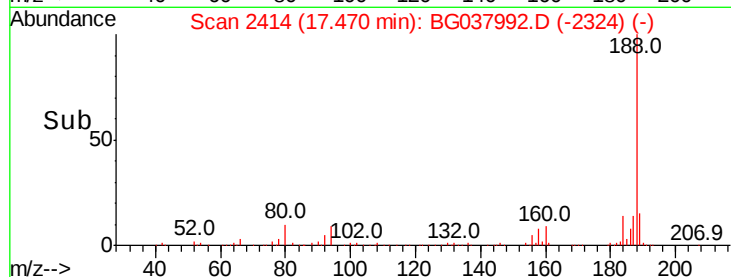
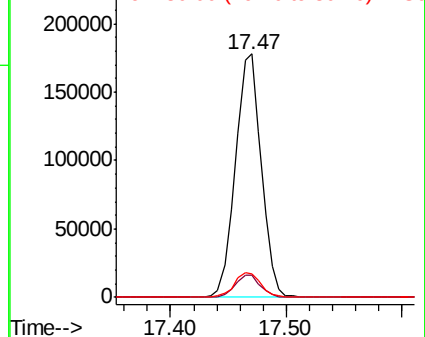
80 9.7 7.7 11.5



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: BG037992.D

Acq: 14 Nov 2018 00:33

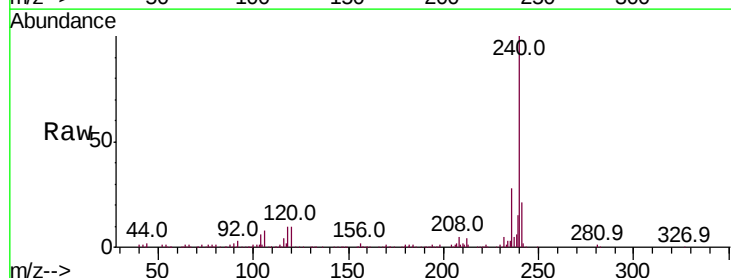
Tgt Ion:240 Resp: 264747

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

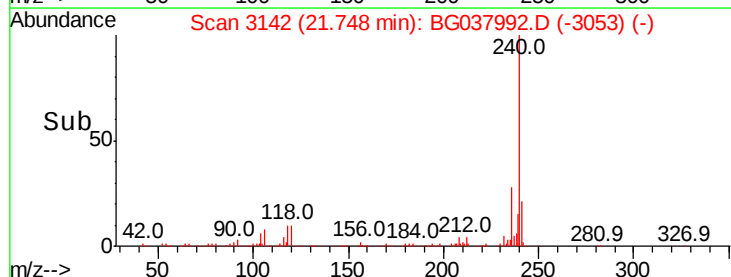
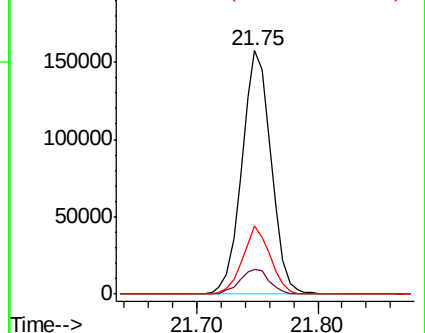
236 28.0 21.4 32.0

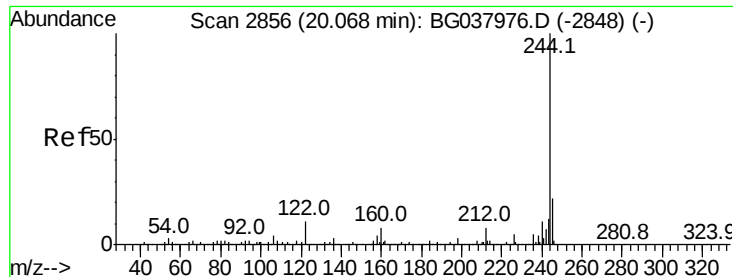


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.850 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG037992.D

Acq: 14 Nov 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB114712BL

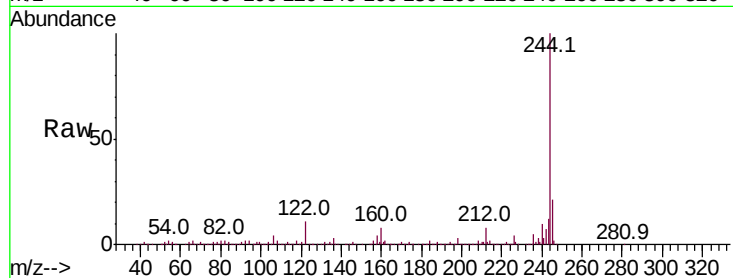
Tot Ion:244 Resp: 875925

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

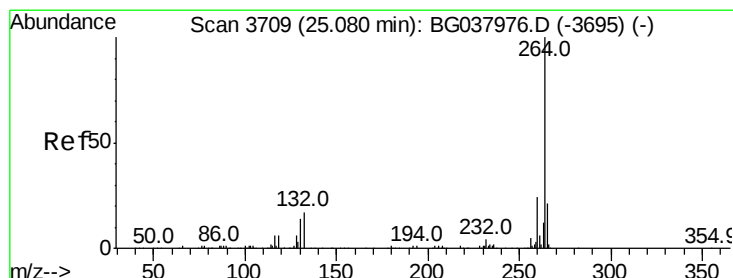
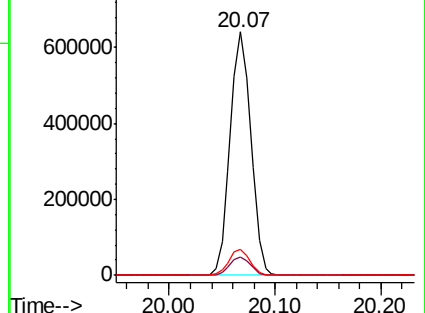
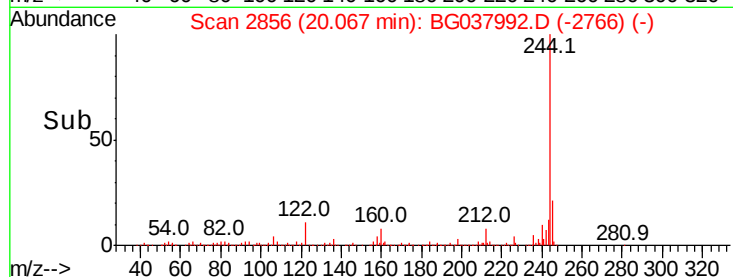
122 10.7 9.0 13.4



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# 3707

Delta R.T. -0.01 min

Lab File: BG037992.D

Acq: 14 Nov 2018 00:33

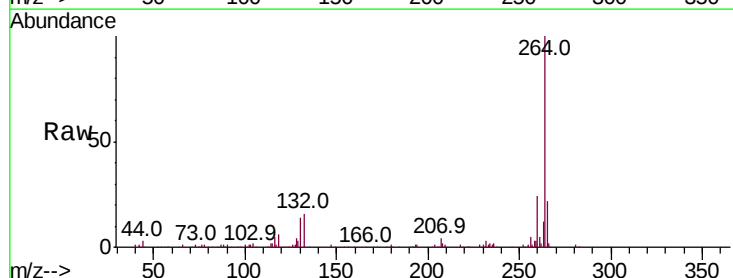
Tgt Ion:264 Resp: 264141

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.8 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

