

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038237.D
 Acq On : 29 Nov 2018 17:43
 Operator : JU/SJ
 Sample : PB115157BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BL

Quant Time: Nov 30 00:29:01 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	8.08	152	33679	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148922	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95461	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	215549	20.00	ng	0.00
76) Chrysene-d12	21.75	240	211773	20.00	ng	0.00
87) Perylene-d12	25.08	264	169652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	251935	129.16	ng	0.00
7) Phenol-d6	7.23	99	360644	129.52	ng	0.00
23) Nitrobenzene-d5	9.26	82	225931	81.21	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	111274	102.21	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	524948	80.11	ng	0.00
79) Terphenyl-d14	20.06	244	804894	89.43	ng	0.00

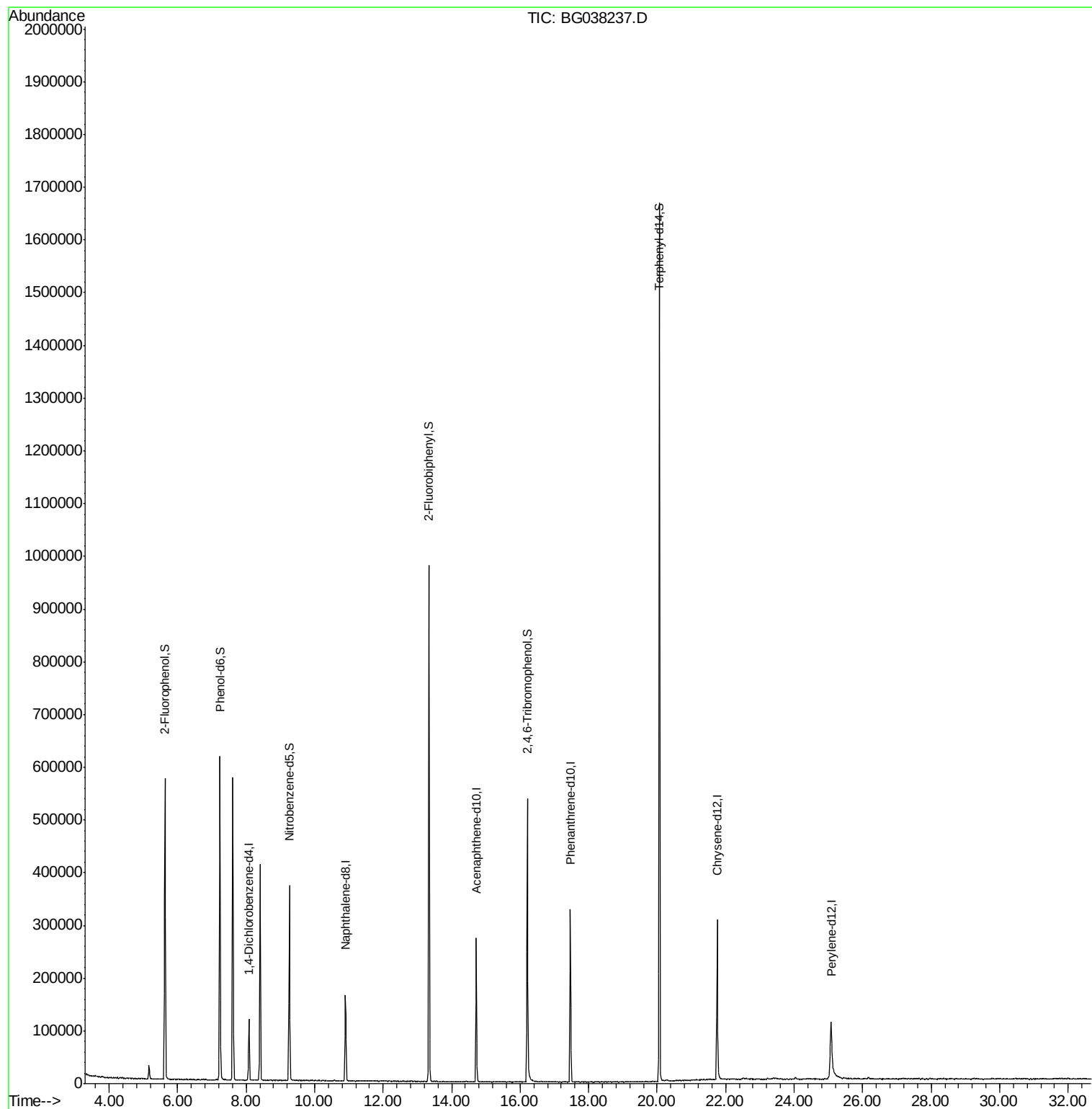
Target Compounds Qvalue

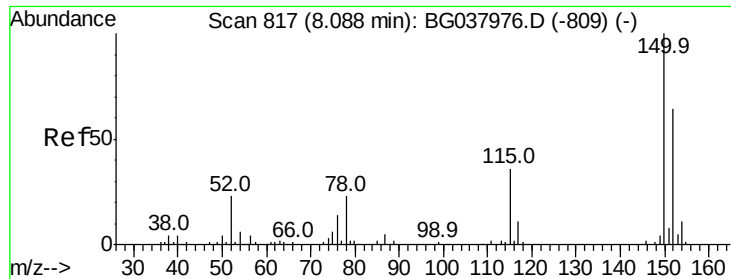
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

BNA_G

ClientSampleId :

PB115157BL

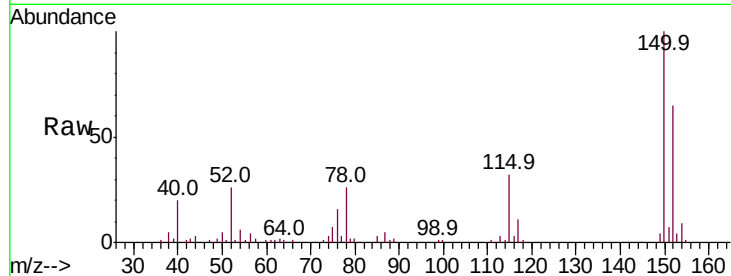
Tot Ion:152 Resp: 33679

Ion Ratio Lower Upper

152 100

150 153.7 126.0 189.0

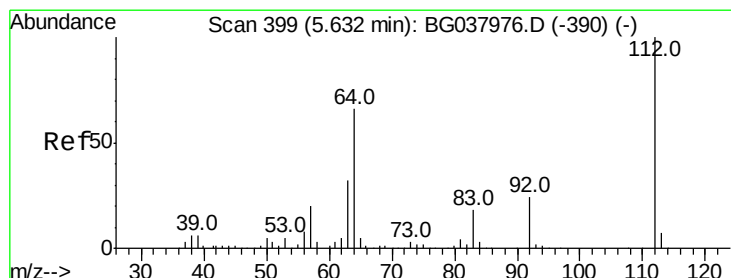
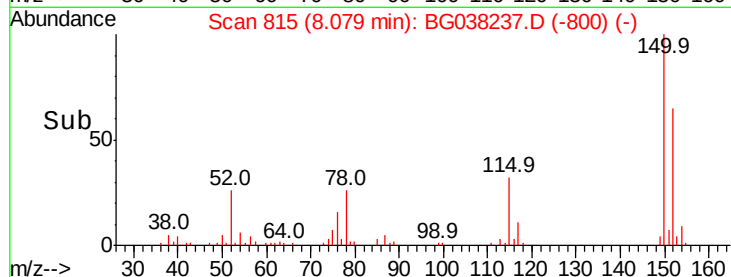
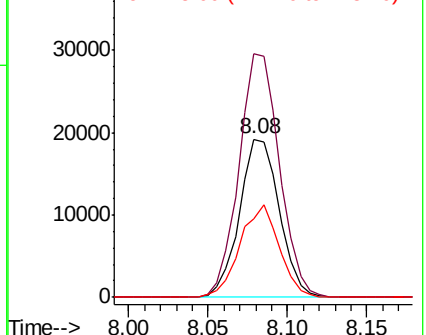
115 49.6 45.5 68.3



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: 129.155 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

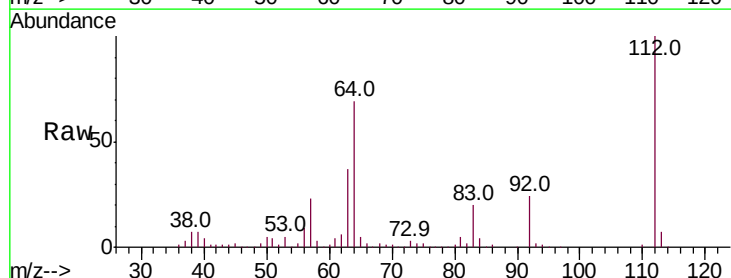
Tgt Ion:112 Resp: 251935

Ion Ratio Lower Upper

112 100

64 68.7 53.1 79.7

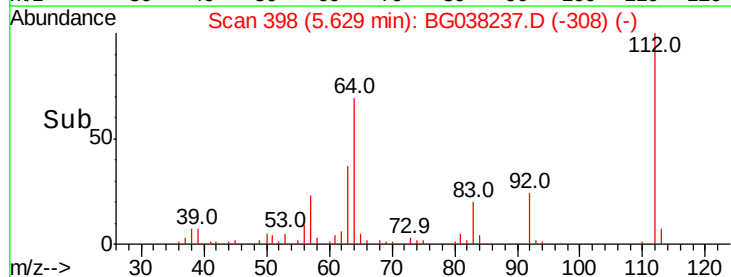
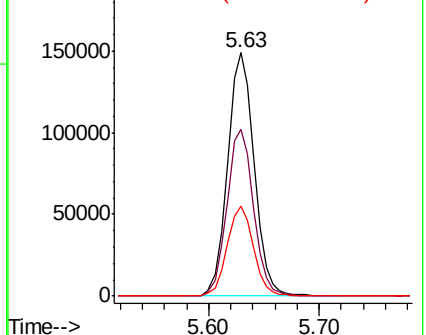
63 36.9 27.3 40.9

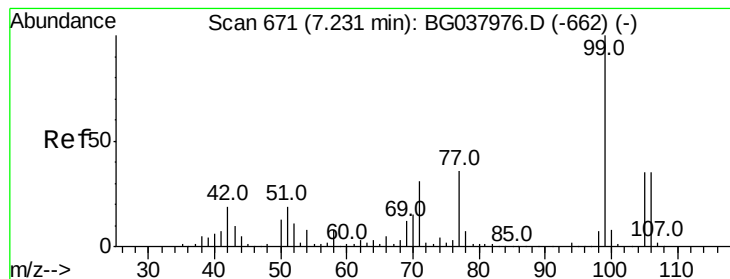


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.522 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

BNA_G

ClientSampleId :

PB115157BL

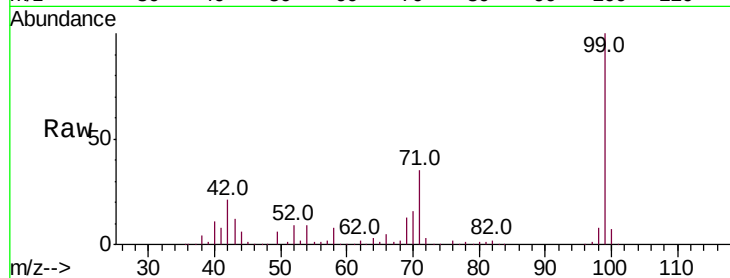
Tot Ion: 99 Resp: 360644

Ion Ratio Lower Upper

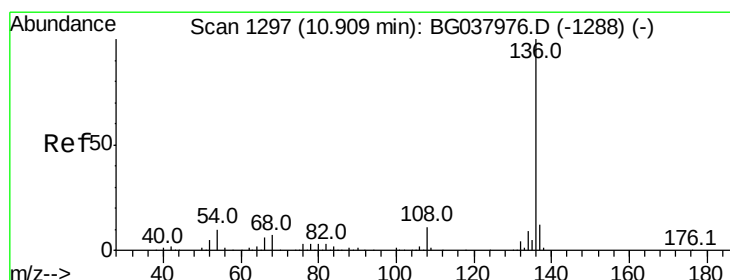
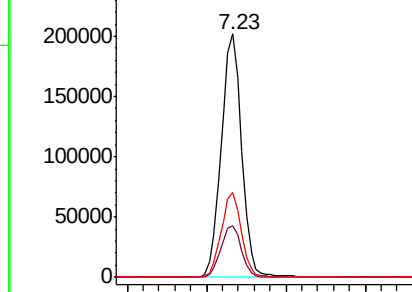
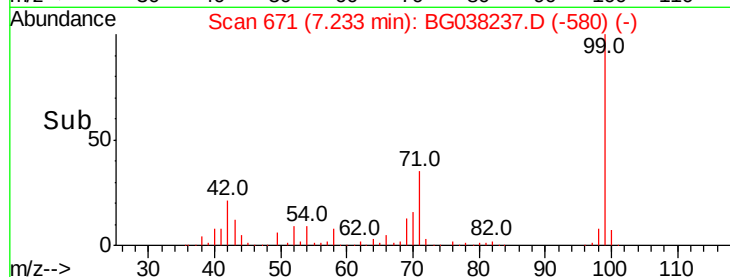
99 100

42 21.3 15.0 22.4

71 34.9 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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Tgt Ion: 136 Resp: 148922

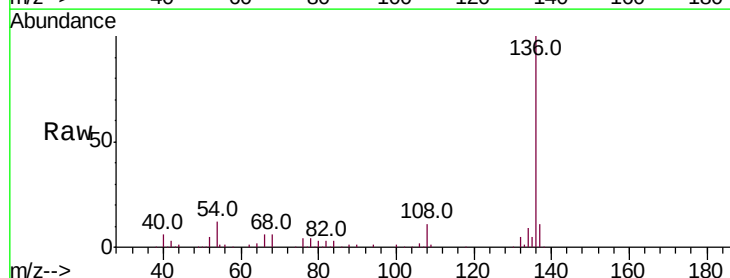
Ion Ratio Lower Upper

136 100

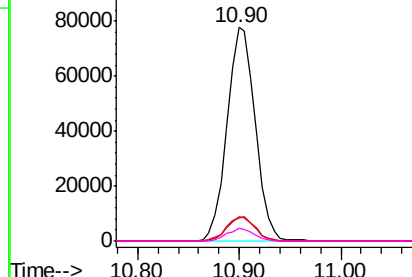
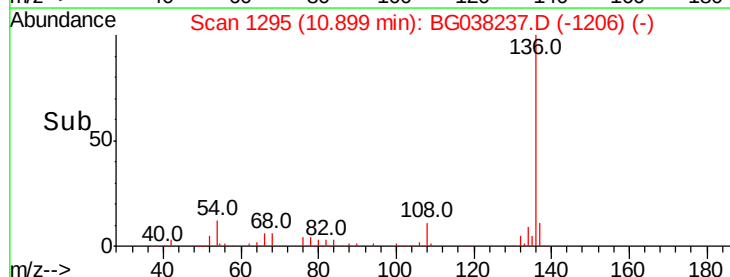
137 10.9 9.6 14.4

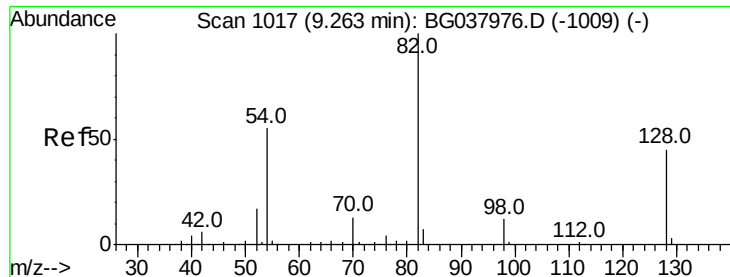
54 12.1 7.9 11.9#

68 6.1 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

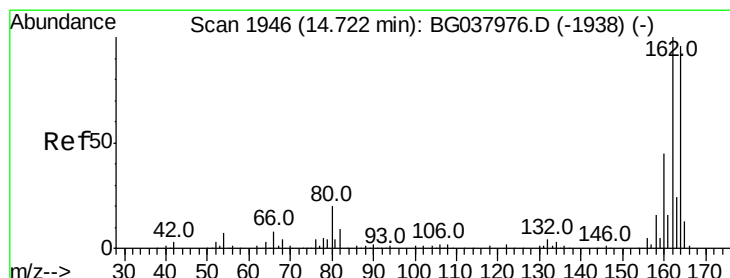
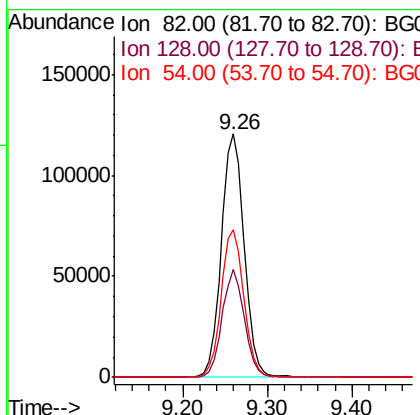
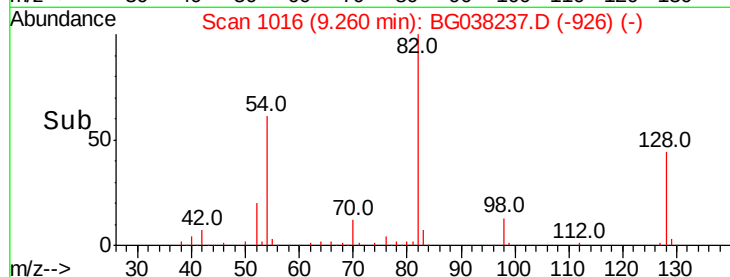
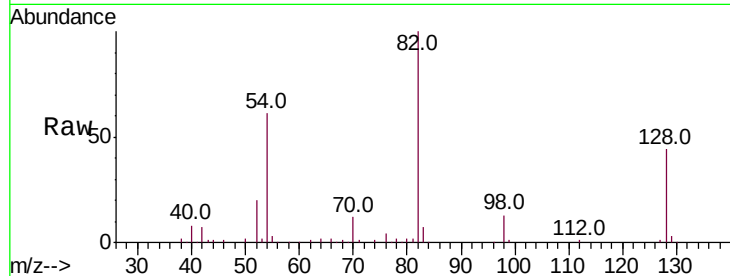




#23
Nitrobenzene-d5
Concen: 81.211 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038237.D
Acq: 29 Nov 2018 17:43

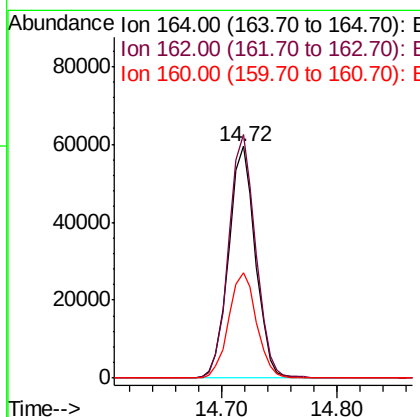
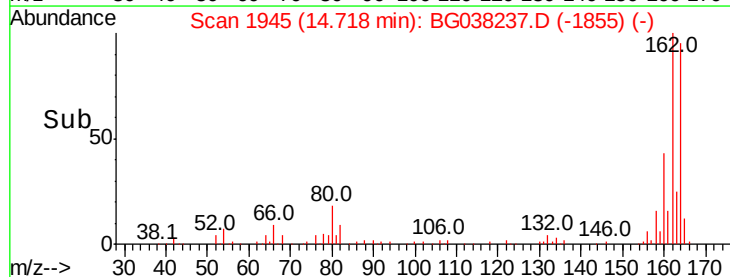
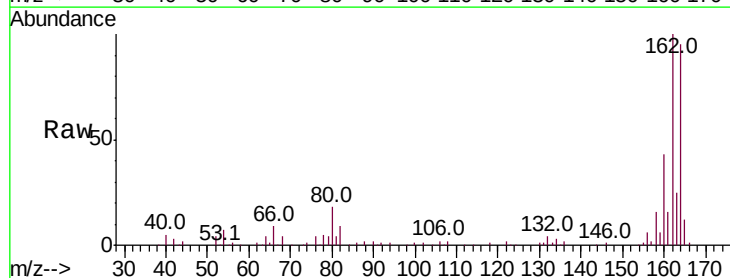
Instrument :
BNA_G
ClientSampleId :
PB115157BL

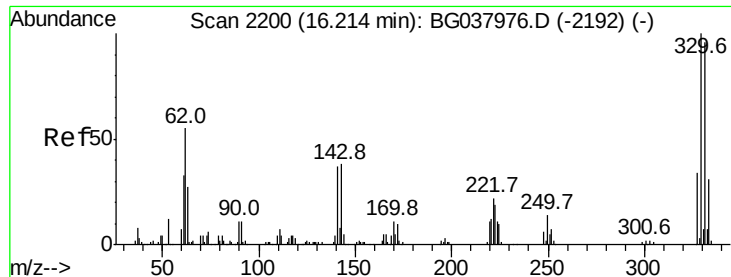
Tot Ion: 82 Resp: 225931
Ion Ratio Lower Upper
82 100
128 44.2 34.6 51.8
54 60.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038237.D
Acq: 29 Nov 2018 17:43

Tgt Ion: 164 Resp: 95461
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 45.4 36.3 54.5

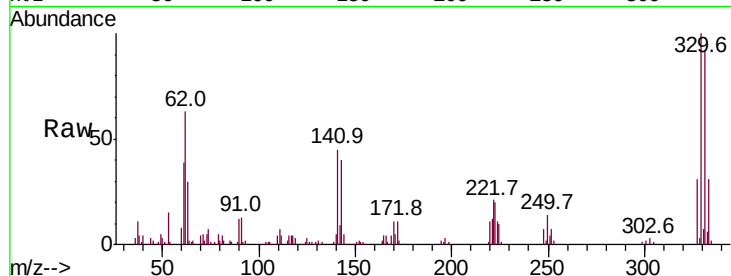




#42
 2,4,6-Tribromophenol
 Concen: 102.207 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.4	117.6
141	41.5	32.2	48.2

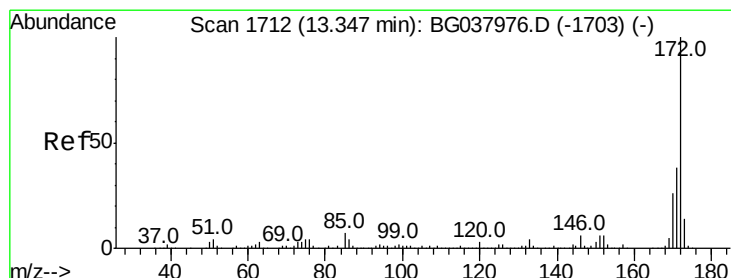
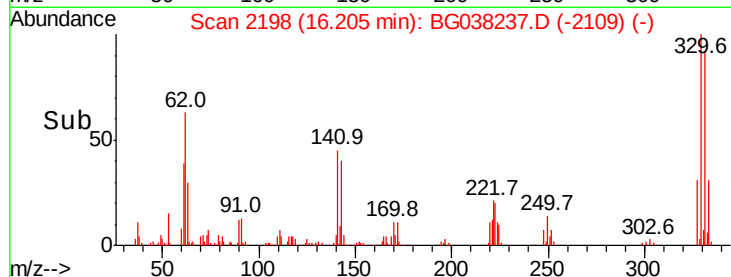
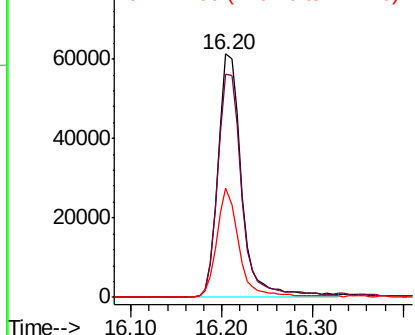


Abundance

Ion 329.80 (329.50 to 330.50): E

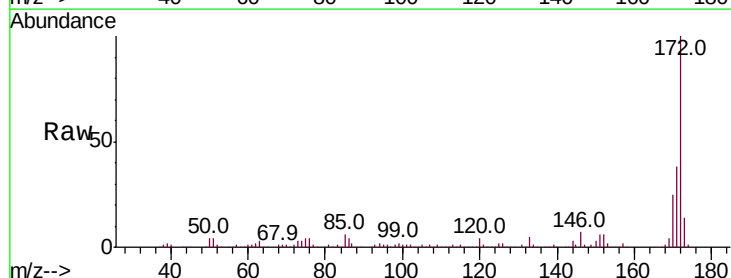
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.113 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.8	20.2	30.2

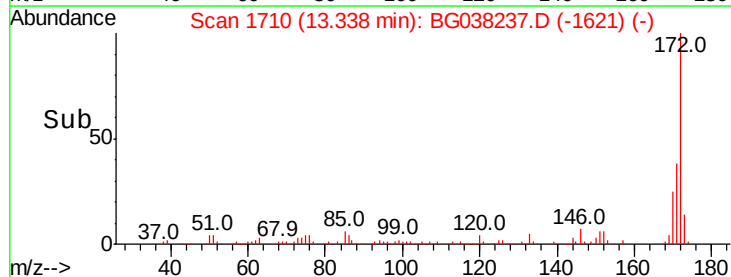
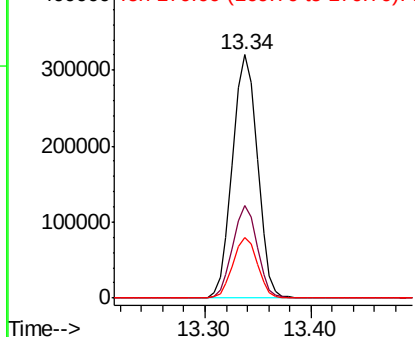


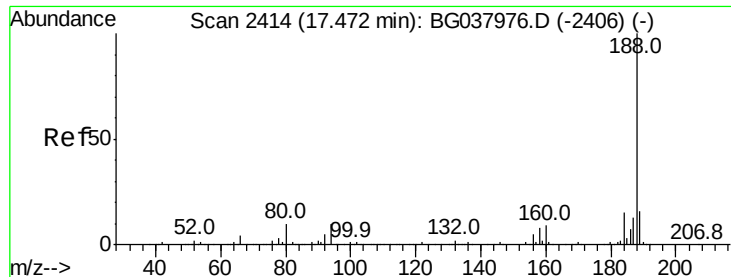
Abundance

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. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

BNA_G

ClientSampleId :

PB115157BL

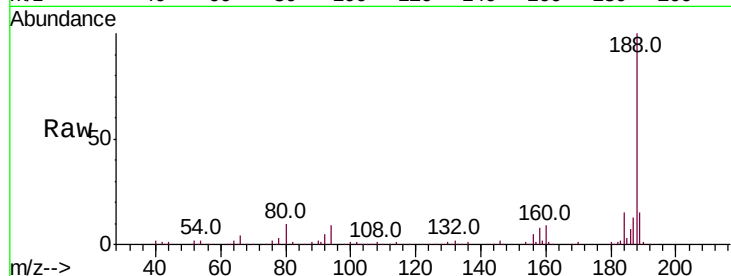
Tot Ion:188 Resp: 215549

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

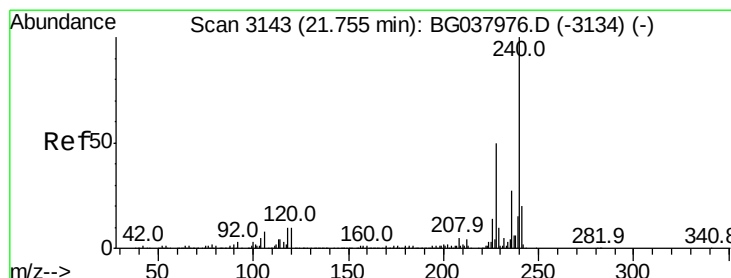
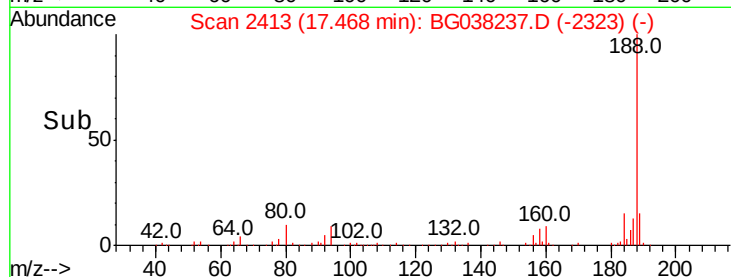
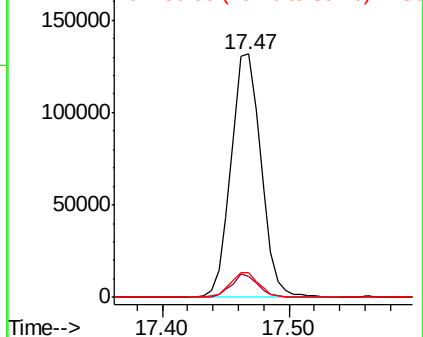
80 9.9 7.7 11.5



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. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

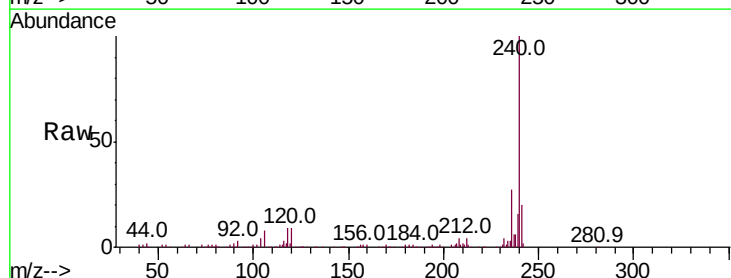
Tgt Ion:240 Resp: 211773

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

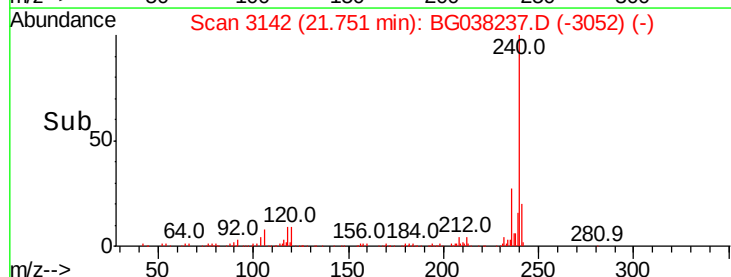
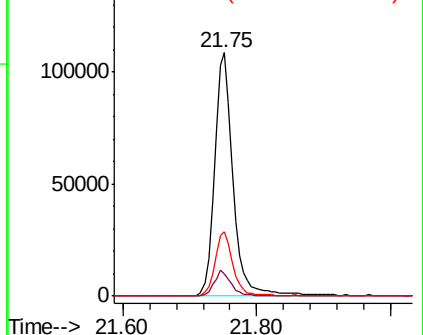
236 26.7 21.4 32.0

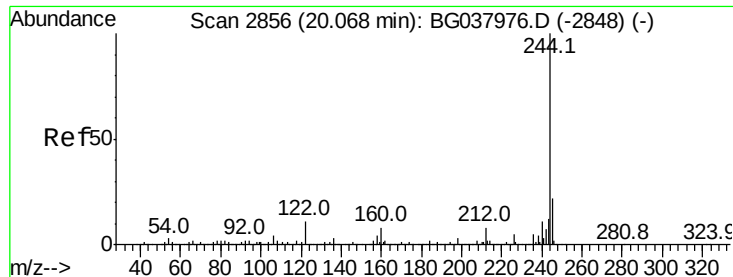


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.432 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

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ClientSampleId :

PB115157BL

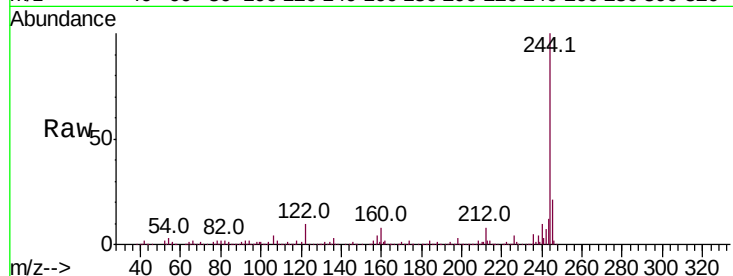
Tot Ion:244 Resp: 804894

Ion Ratio Lower Upper

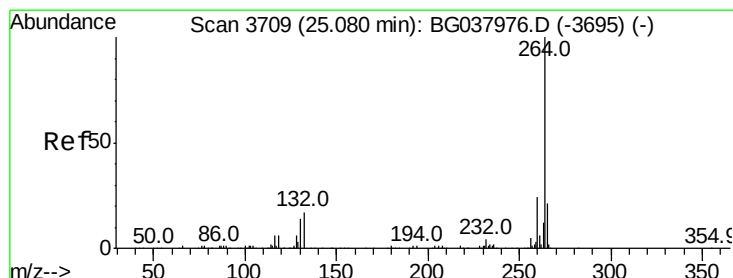
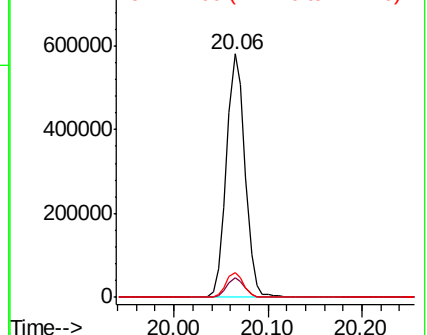
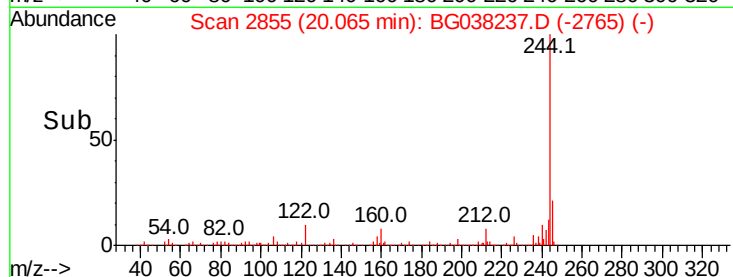
244 100

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: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

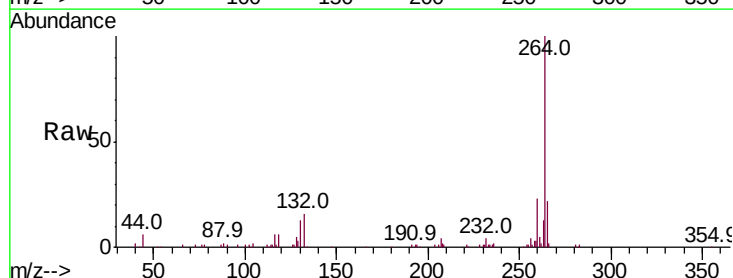
Tgt Ion:264 Resp: 169652

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.3 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

