

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038256.D
 Acq On : 30 Nov 2018 14:05
 Operator : JU/SJ
 Sample : J6083-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Nov 30 14:42:20 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	33144	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	142383	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90738	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	199398	20.00	ng	0.00
76) Chrysene-d12	21.75	240	175706	20.00	ng	0.00
87) Perylene-d12	25.09	264	118393	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	212861	110.89	ng	0.00
7) Phenol-d6	7.23	99	274571	100.20	ng	0.00
23) Nitrobenzene-d5	9.26	82	220326	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	61044	58.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	438248	70.36	ng	0.00
79) Terphenyl-d14	20.07	244	747094	100.05	ng	0.00

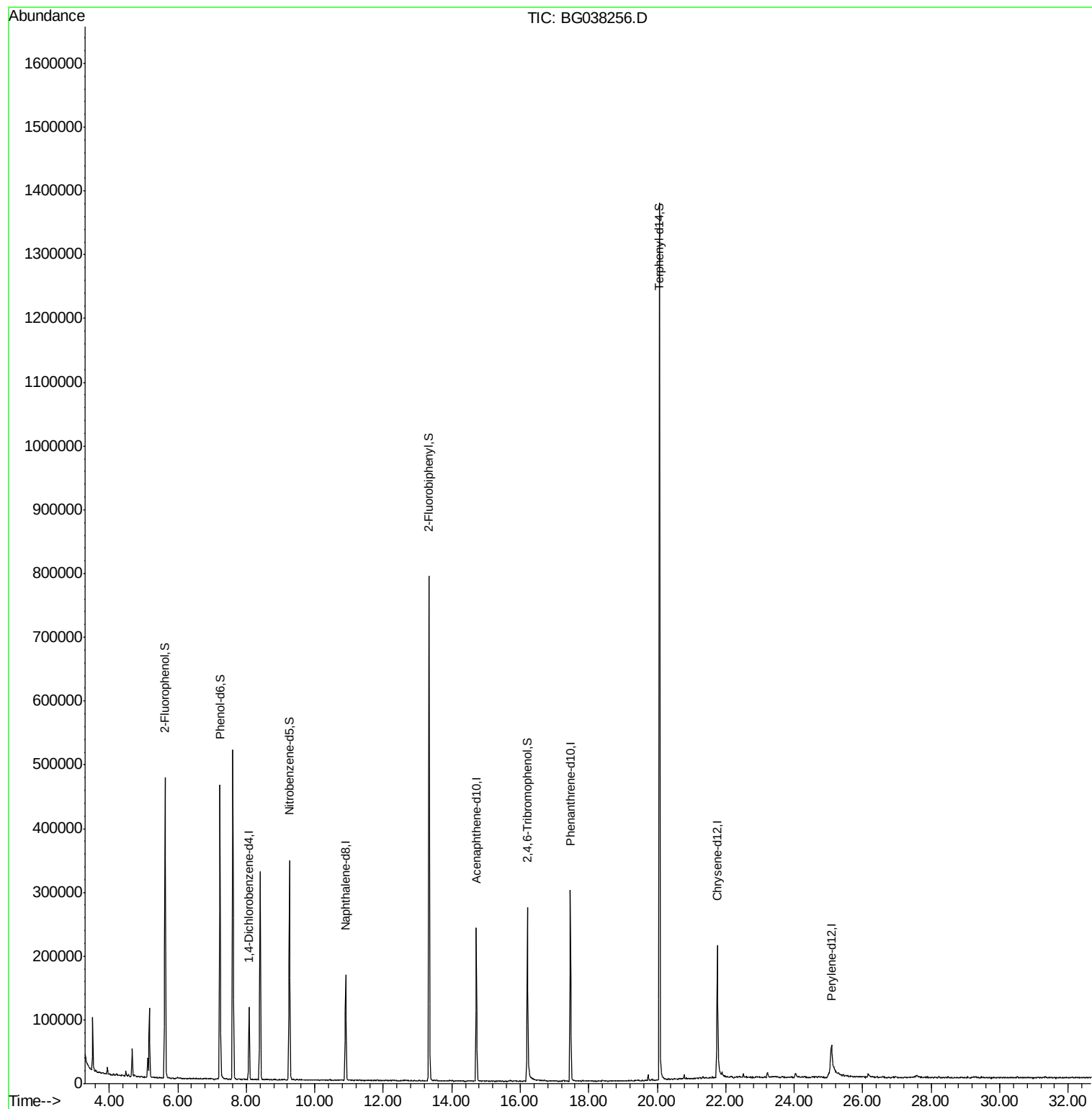
Target Compounds Qvalue

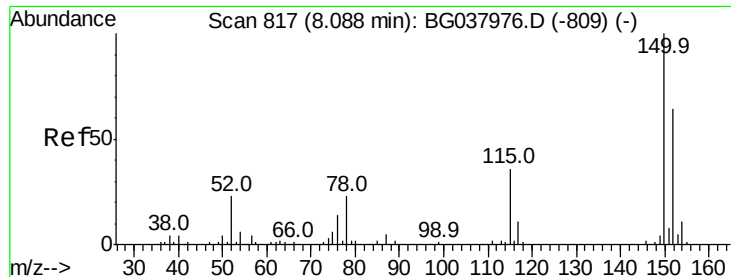
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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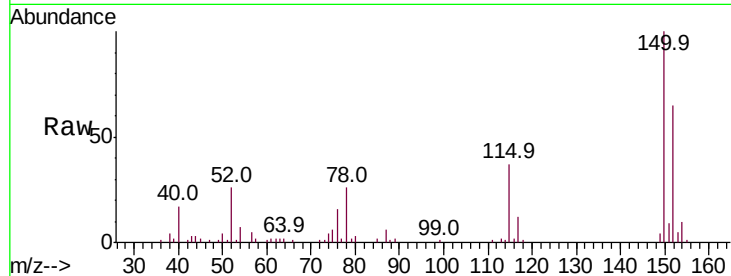


#1

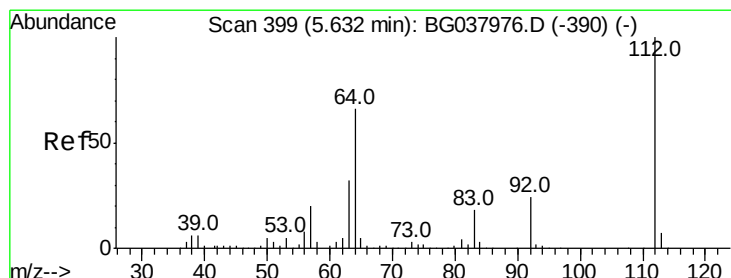
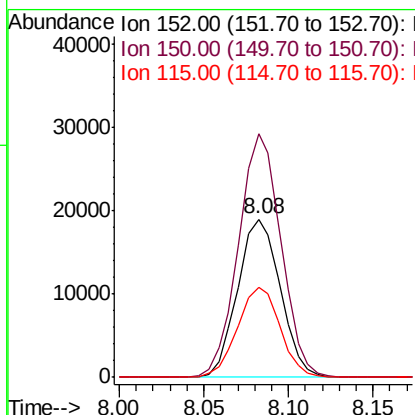
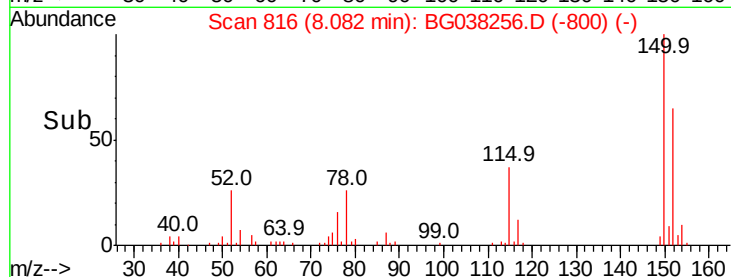
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion:152 Resp: 33144
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.0 189.0
 115 56.8 45.5 68.3



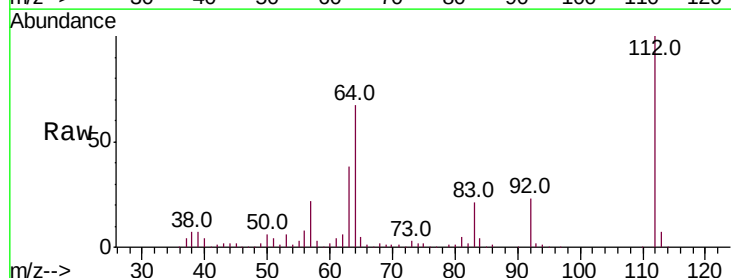
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



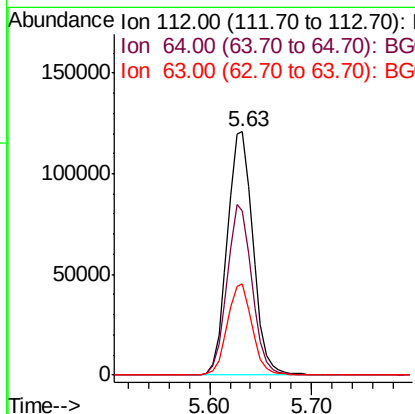
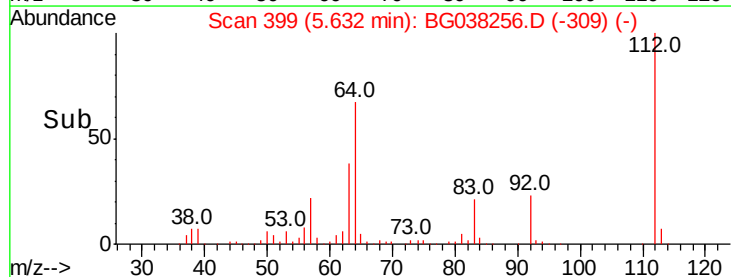
#5

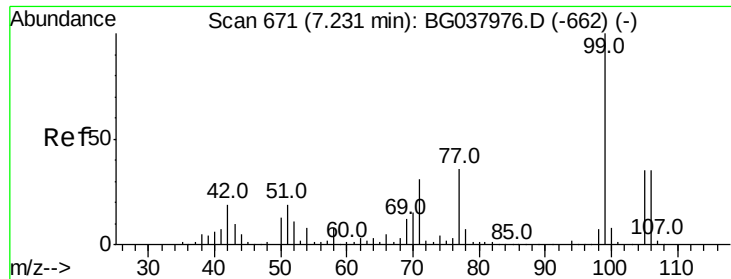
2-Fluorophenol
 Concen: 110.885 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Tgt Ion:112 Resp: 212861
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.1 79.7
 63 37.5 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: 100.202 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

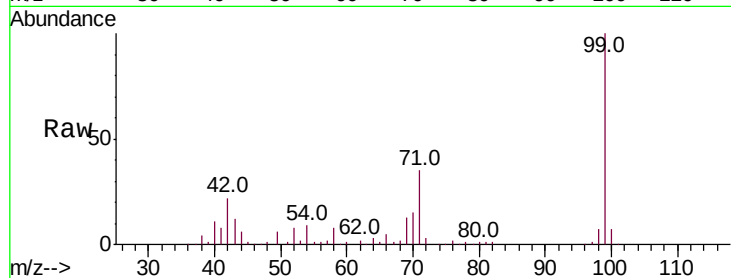
Tot Ion: 99 Resp: 274571

Ion Ratio Lower Upper

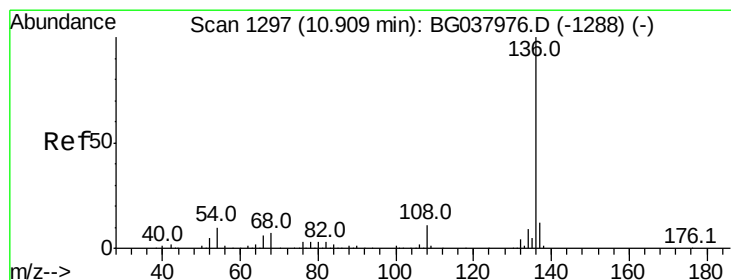
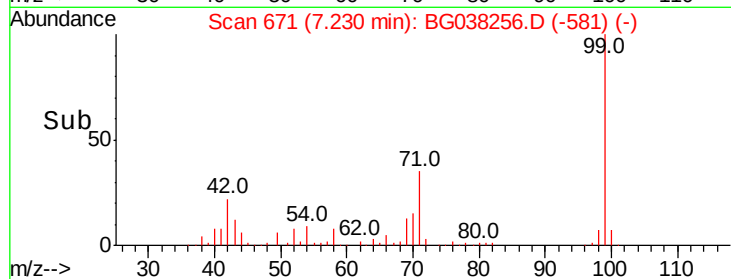
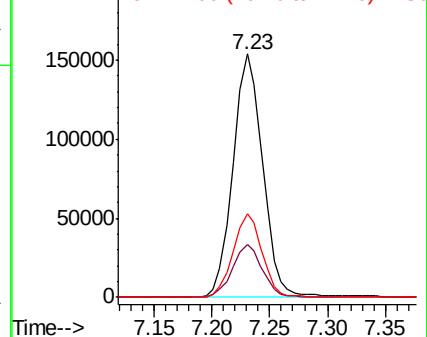
99 100

42 21.7 15.0 22.4

71 34.6 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# 1296

Delta R.T. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Tgt Ion: 136 Resp: 142383

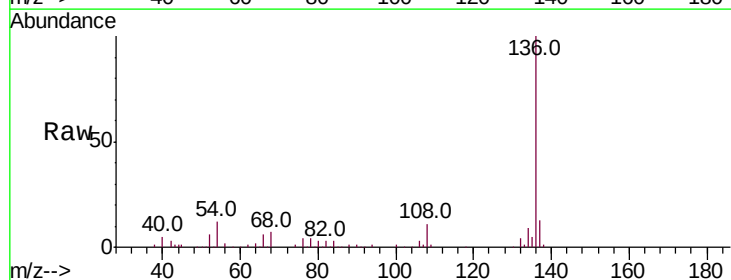
Ion Ratio Lower Upper

136 100

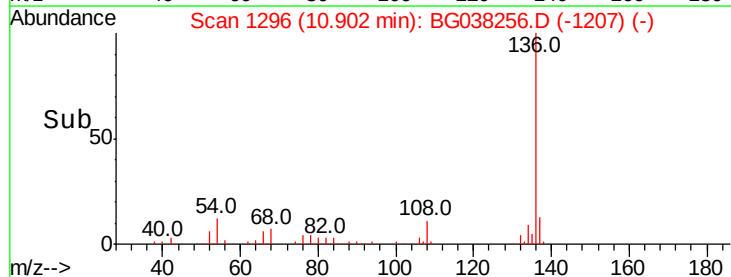
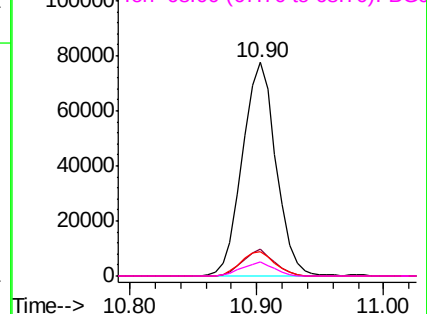
137 12.5 9.6 14.4

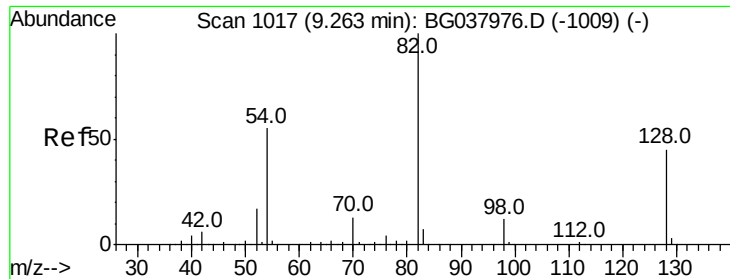
54 11.6 7.9 11.9

68 6.6 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: 82.834 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

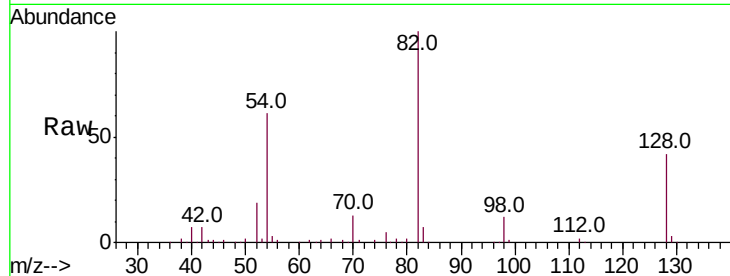
Tot Ion: 82 Resp: 220326

Ion Ratio Lower Upper

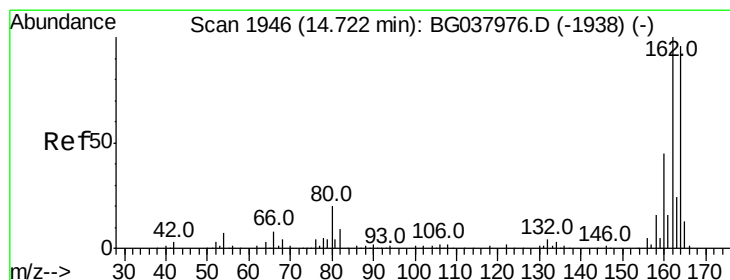
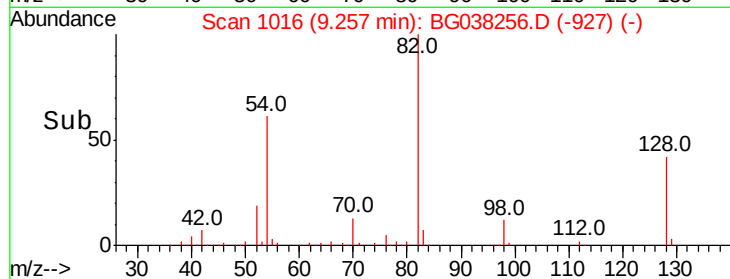
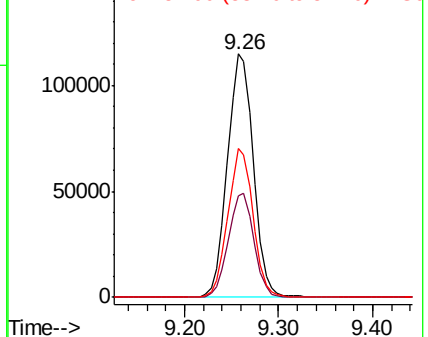
82 100

128 41.6 34.6 51.8

54 61.0 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# 1945

Delta R.T. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

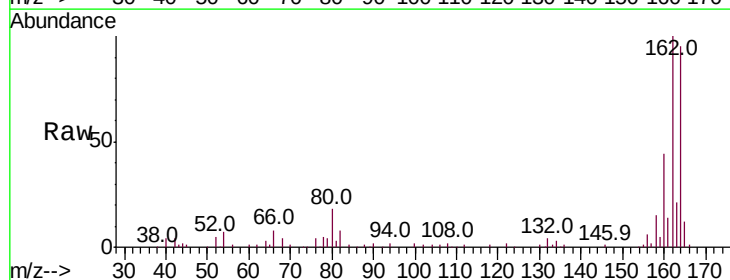
Tgt Ion: 164 Resp: 90738

Ion Ratio Lower Upper

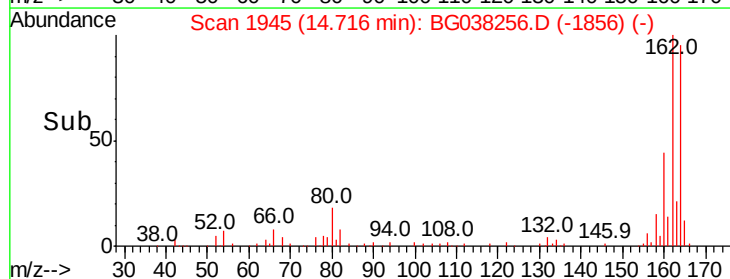
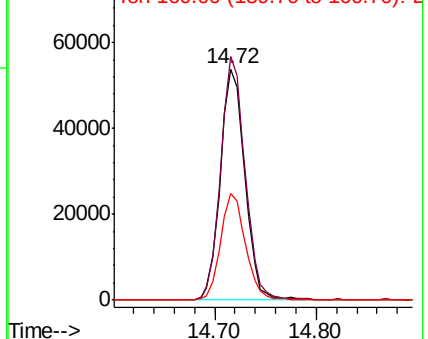
164 100

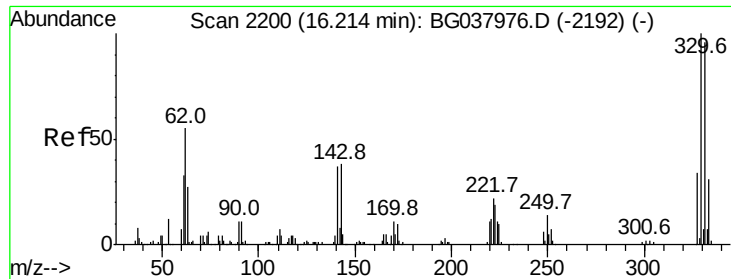
162 105.4 81.3 121.9

160 46.1 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

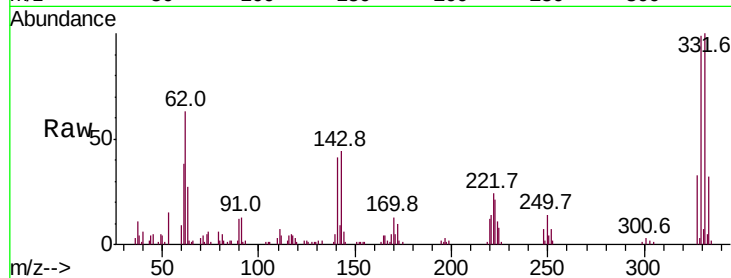




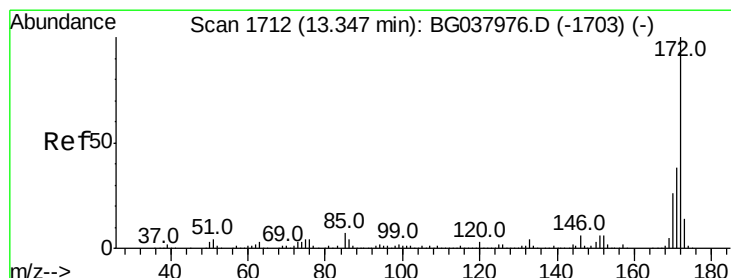
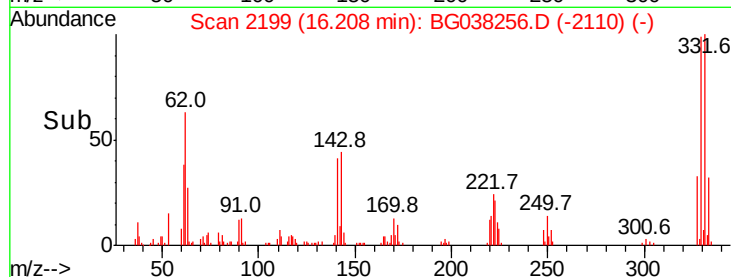
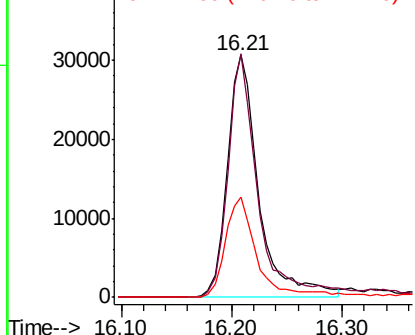
#42
 2,4,6-Tribromophenol
 Concen: 58.989 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion:330 Resp: 61044
 Ion Ratio Lower Upper
 330 100
 332 91.8 78.4 117.6
 141 39.5 32.2 48.2

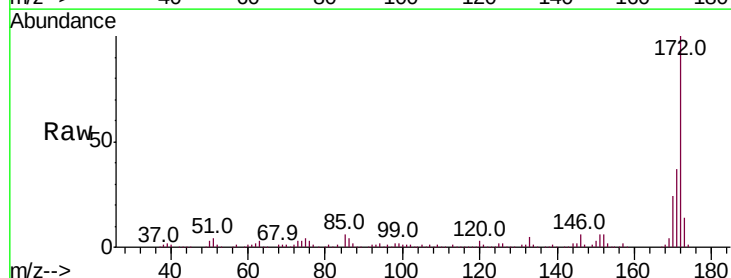


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

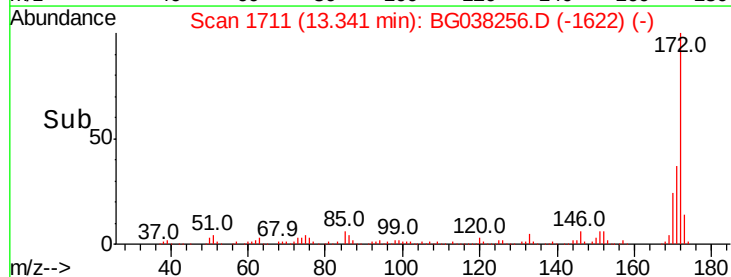
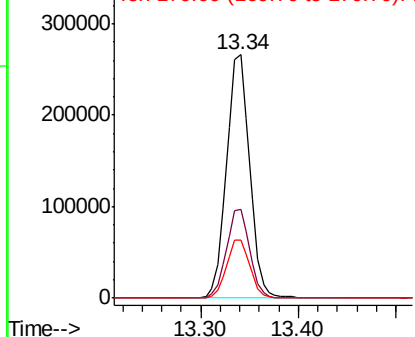


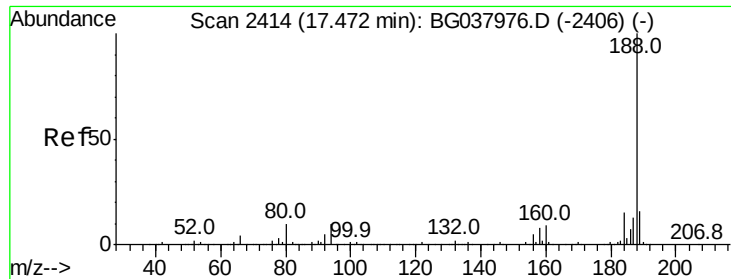
#45
 2-Fluorobiphenyl
 Concen: 70.363 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Tgt Ion:172 Resp: 438248
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.0 46.4
 170 23.9 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. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

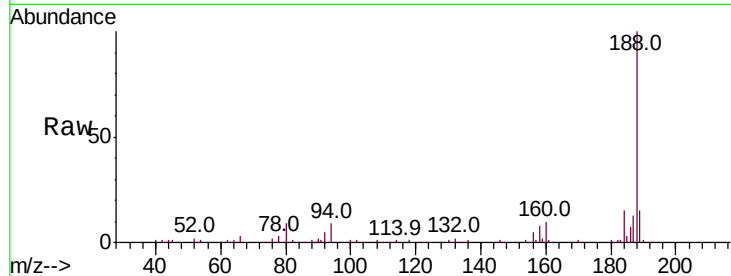
Tot Ion:188 Resp: 199398

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

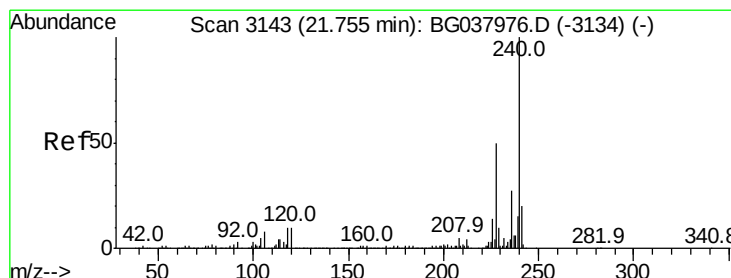
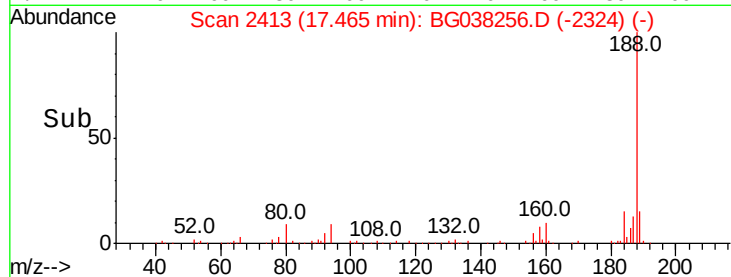
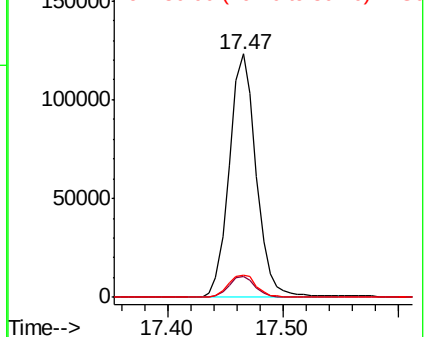
80 9.0 7.7 11.5



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: BG038256.D

Acq: 30 Nov 2018 14:05

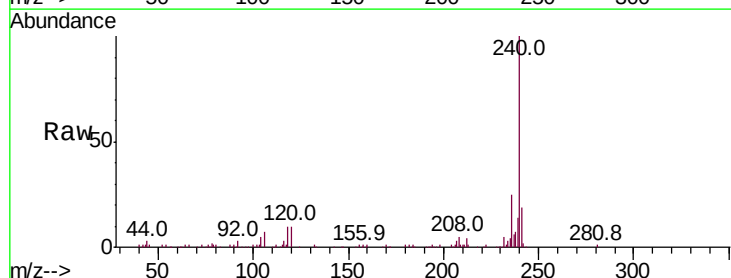
Tgt Ion:240 Resp: 175706

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

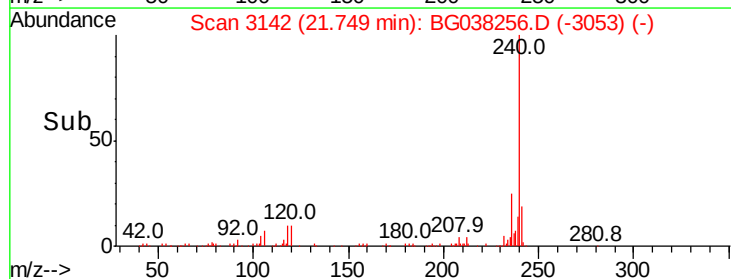
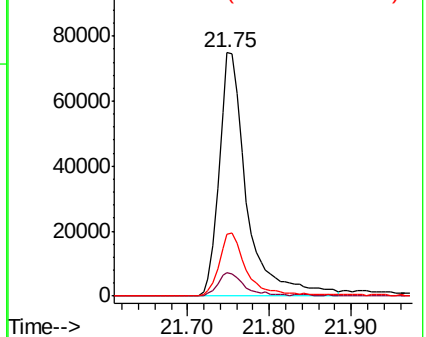
236 25.3 21.4 32.0

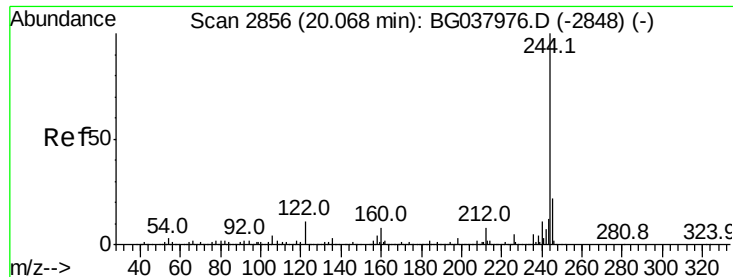


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.049 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

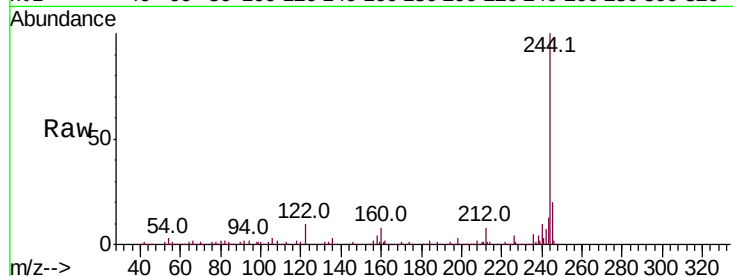
Tot Ion:244 Resp: 747094

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.6	9.0	13.4

244 100

212 7.8 6.5 9.7

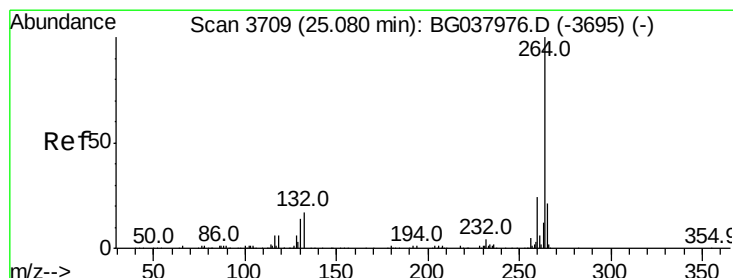
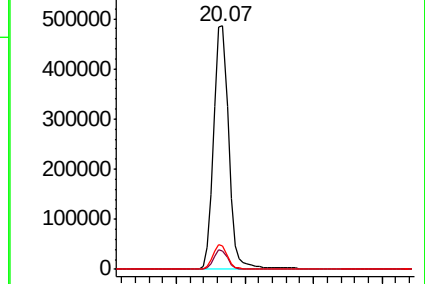
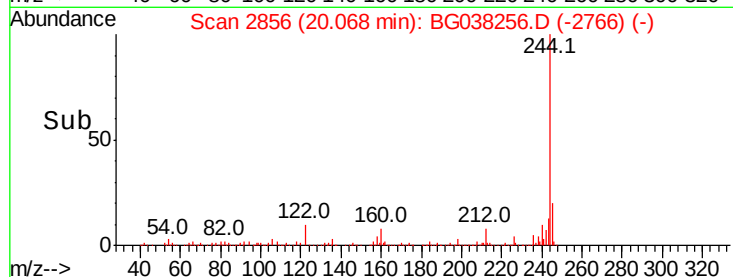
122 9.6 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. 0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

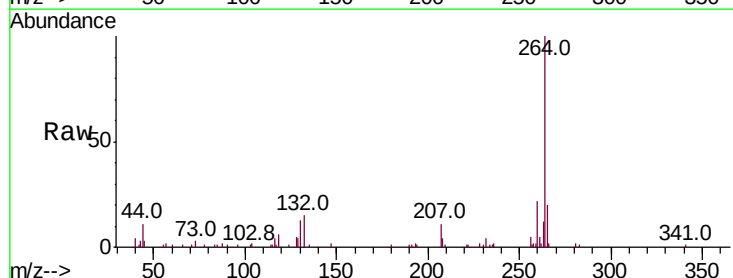
Tgt Ion:264 Resp: 118393

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	19.7	17.9	26.9

264 100

260 22.2 18.2 27.4

265 19.7 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

