

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038031.D
 Acq On : 16 Nov 2018 13:27
 Operator : JU/SJ
 Sample : J5965-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Quant Time: Nov 16 15:12:31 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	44374	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	184360	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117625	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	274751	20.00	ng	0.00
76) Chrysene-d12	21.75	240	264684	20.00	ng	0.00
87) Perylene-d12	25.07	264	270458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	147430	57.36	ng	0.00
7) Phenol-d6	7.23	99	131746	35.91	ng	0.00
23) Nitrobenzene-d5	9.26	82	283205	82.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	168076	125.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	680481	84.28	ng	0.00
79) Terphenyl-d14	20.07	244	1005460	89.38	ng	0.00

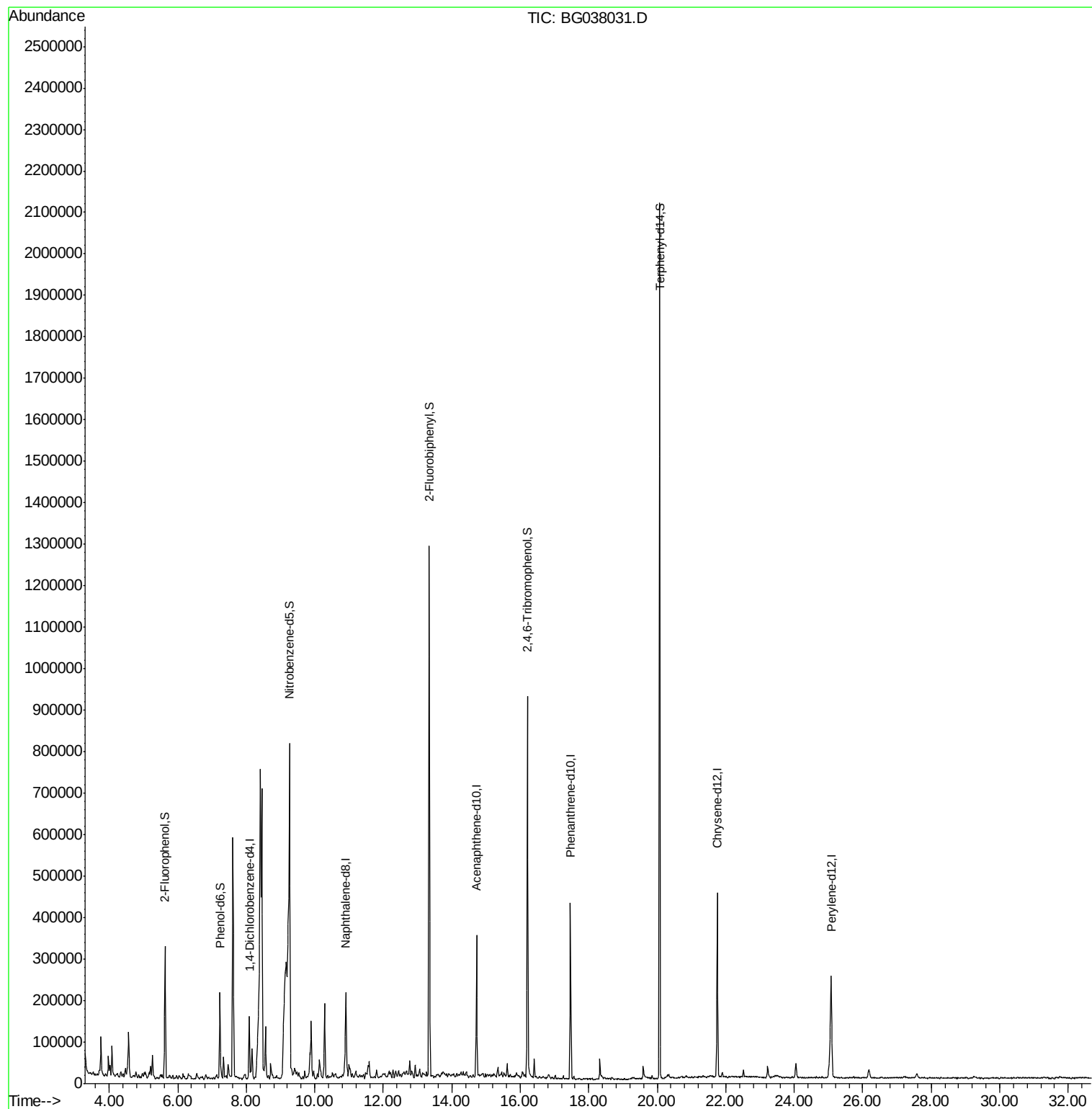
Target Compounds Qvalue

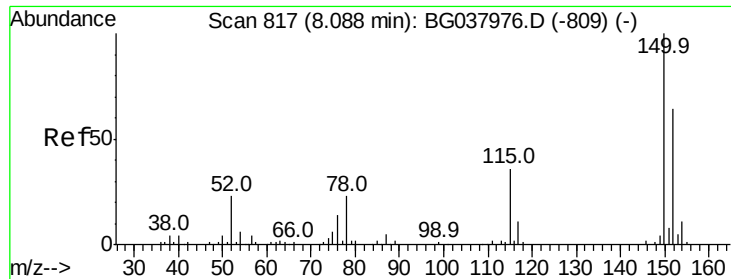
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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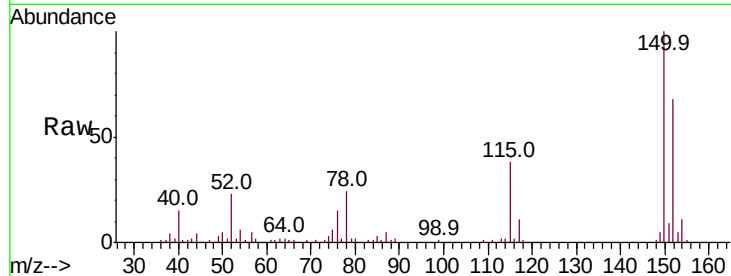


#1

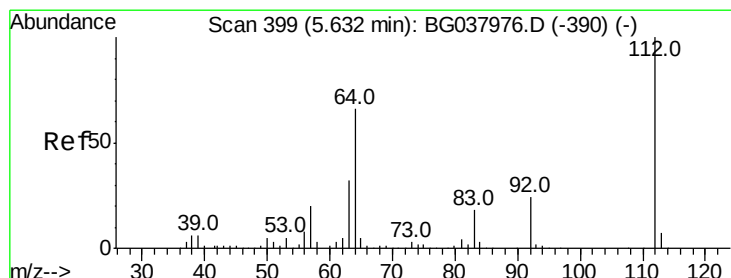
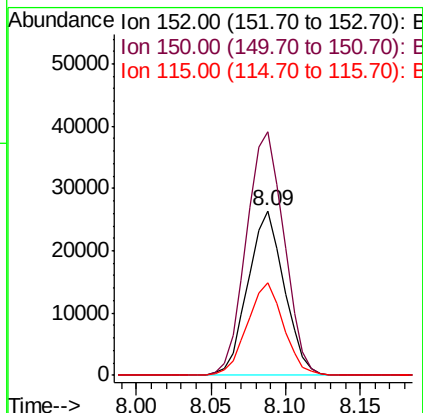
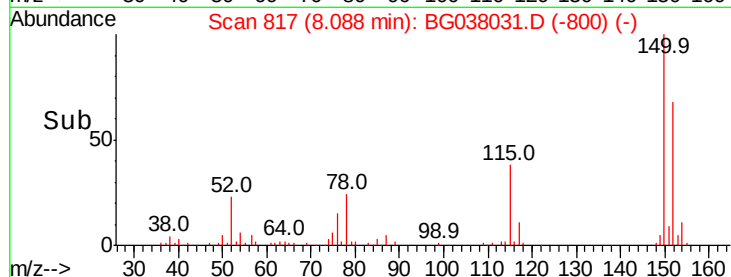
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Instrument :
BNA_G
ClientSampled :
MW-1R

Tot Ion:152 Resp: 44374
Ion Ratio Lower Upper
152 100
150 147.7 126.0 189.0
115 56.5 45.5 68.3



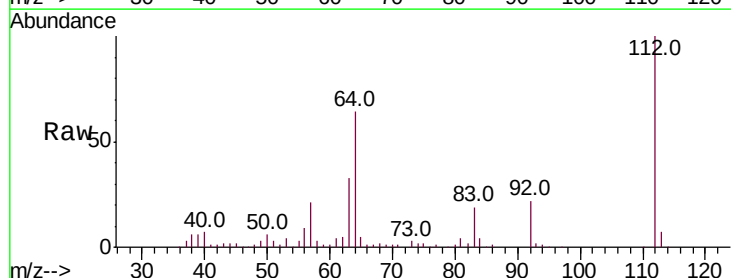
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



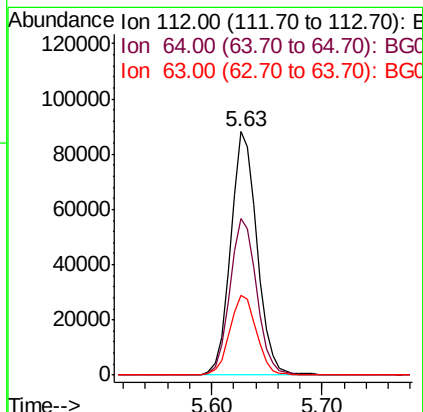
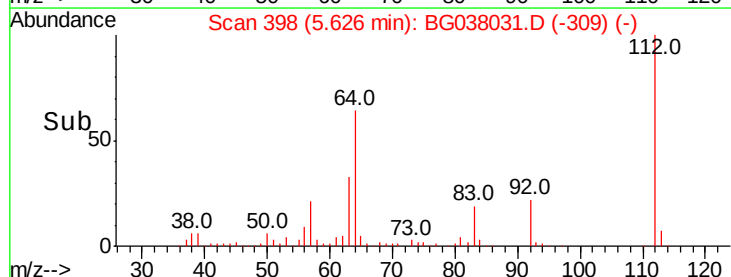
#5

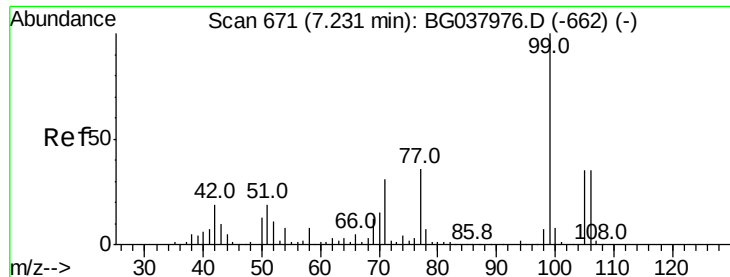
2-Fluorophenol
Concen: 57.364 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Tgt Ion:112 Resp: 147430
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.7 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: 35.912 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

Instrument :

BNA_G

ClientSampled :

MW-1R

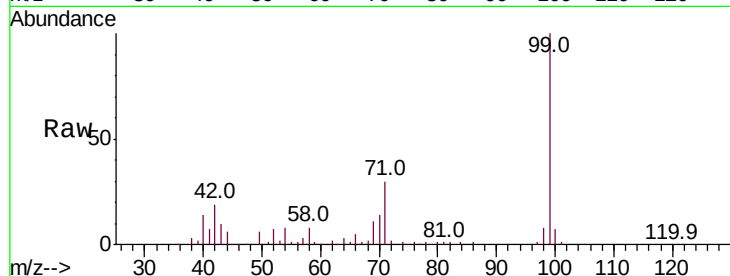
Tot Ion: 99 Resp: 131746

Ion Ratio Lower Upper

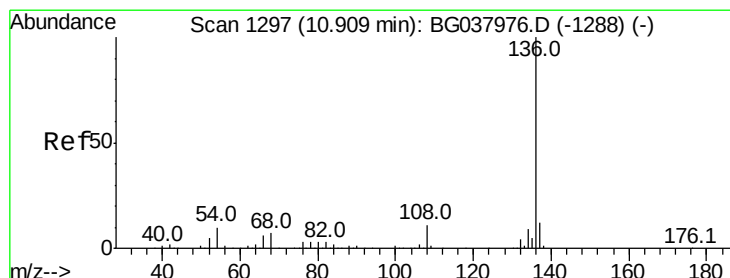
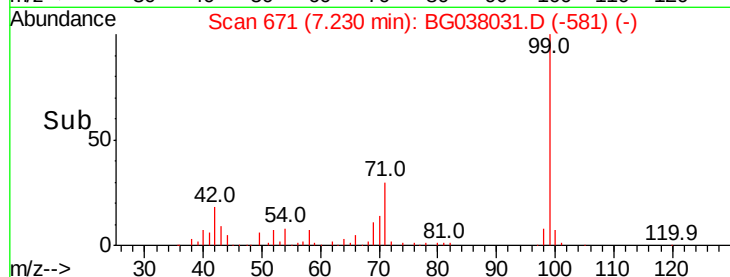
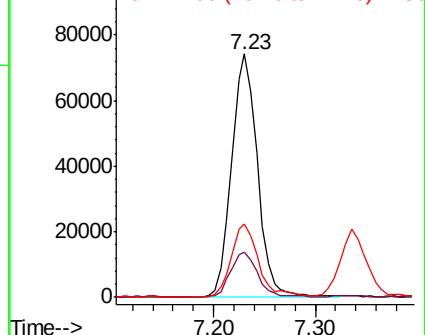
99 100

42 18.6 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: BG038031.D

Acq: 16 Nov 2018 13:27

Tgt Ion: 136 Resp: 184360

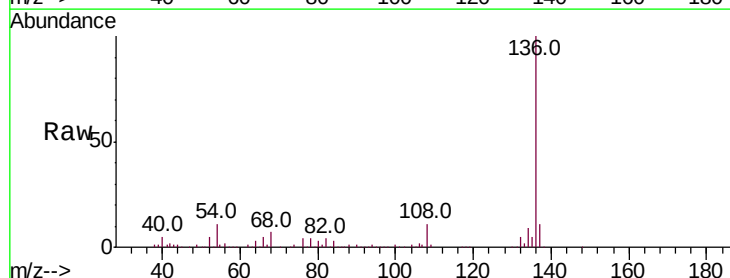
Ion Ratio Lower Upper

136 100

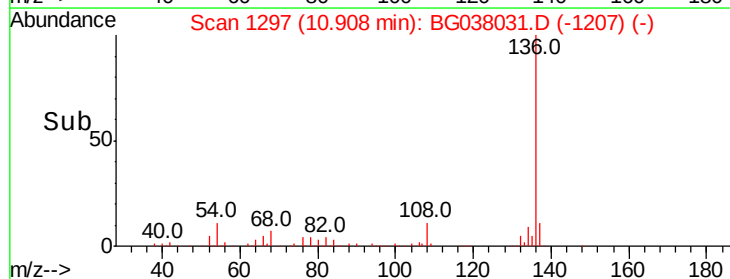
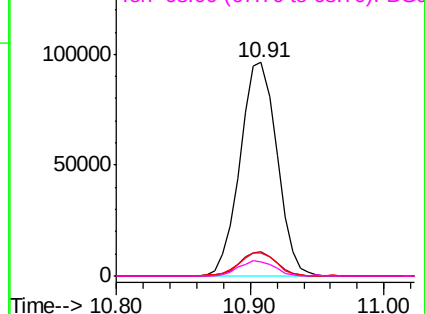
137 11.4 9.6 14.4

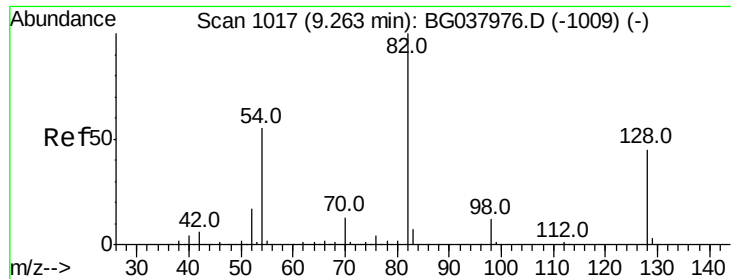
54 10.6 7.9 11.9

68 6.9 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

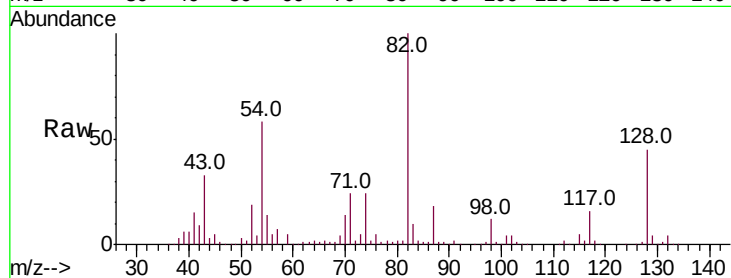




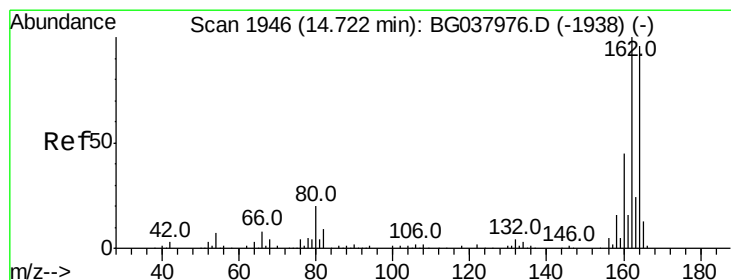
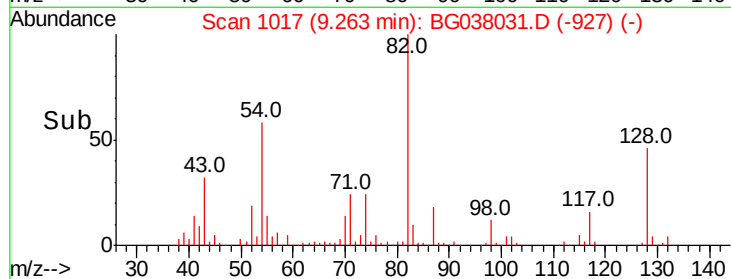
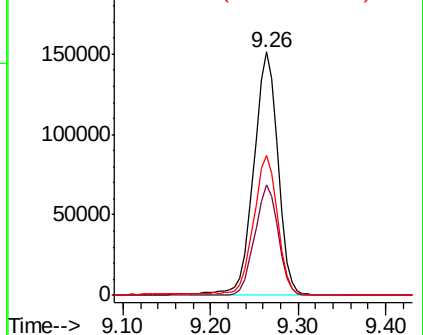
#23
Nitrobenzene-d5
Concen: 82.231 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tot Ion	82	Resp	283205
Ion Ratio	100	Lower	Upper
128	45.5	34.6	51.8
54	57.5	45.3	67.9

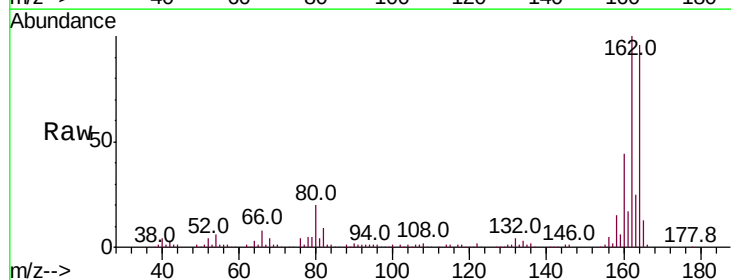


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

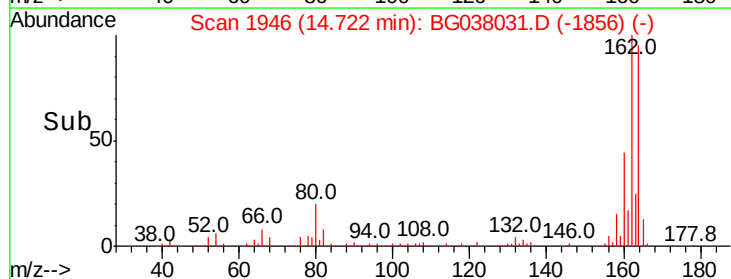
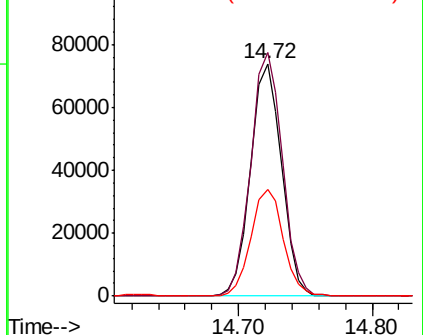


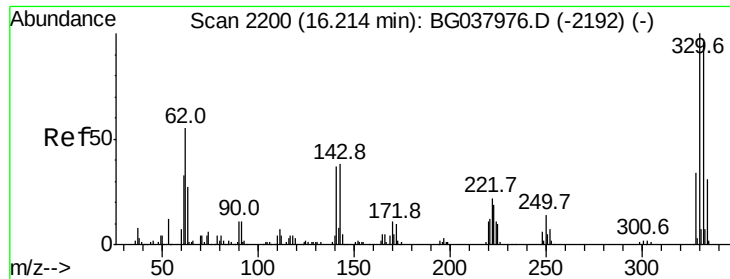
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Tgt Ion	164	Resp	117625
Ion Ratio	100	Lower	Upper
162	104.7	81.3	121.9
160	46.0	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

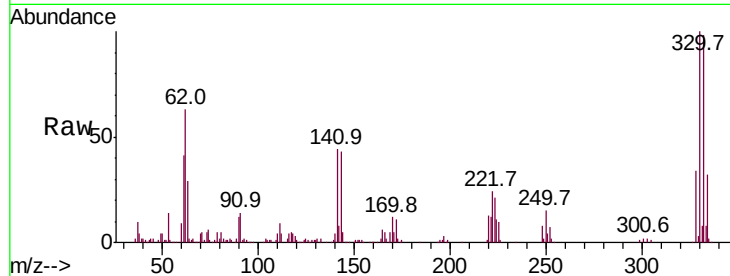




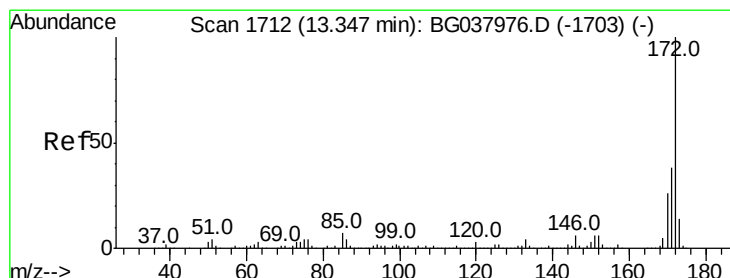
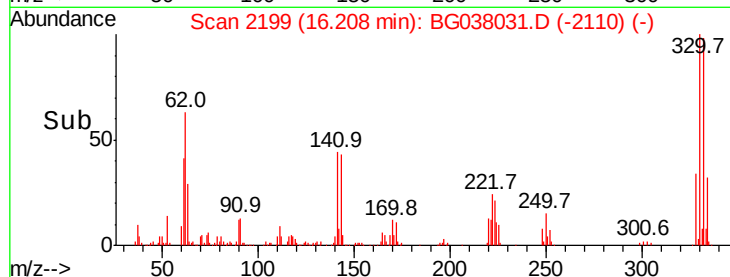
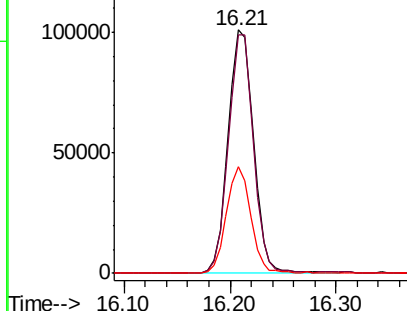
#42
 2,4,6-Tribromophenol
 Concen: 125.291 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	42.3	32.2	48.2

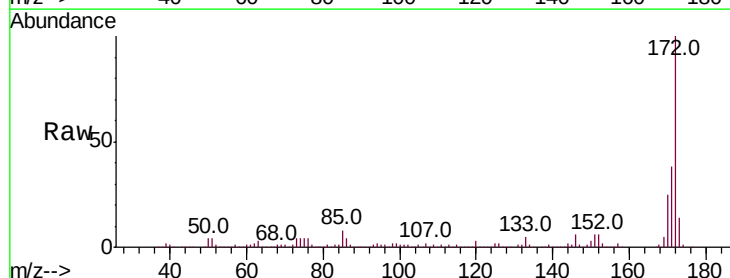


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

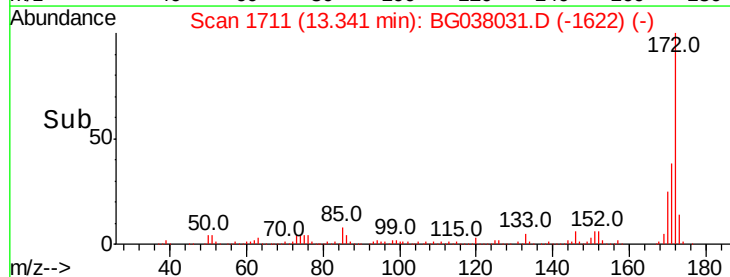
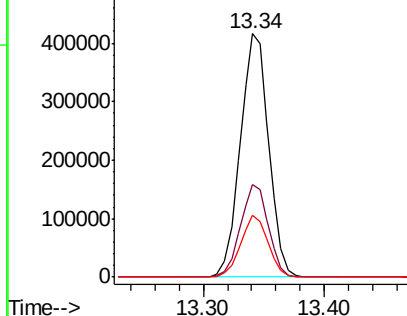


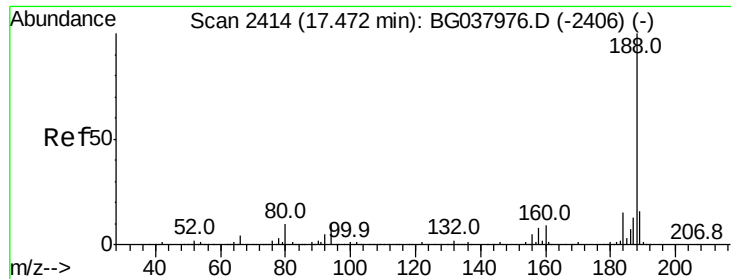
#45
 2-Fluorobiphenyl
 Concen: 84.281 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

Tgt 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# 2413

Delta R.T. -0.01 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

Instrument :

BNA_G

ClientSampleId :

MW-1R

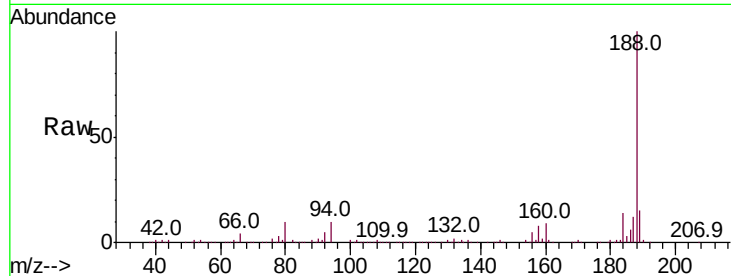
Tot Ion:188 Resp: 274751

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

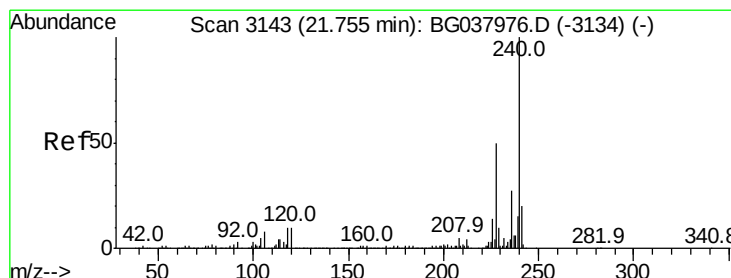
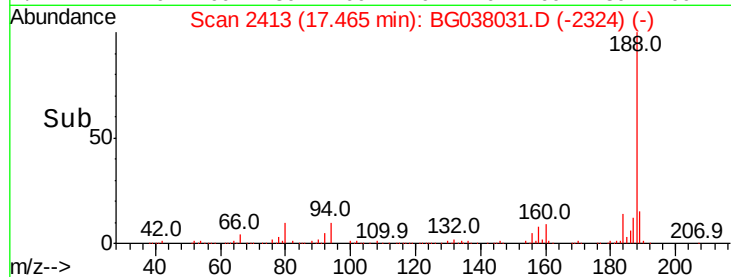
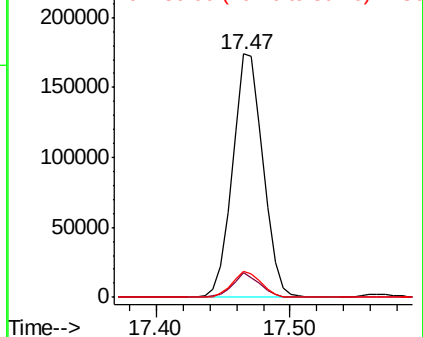
80 10.5 7.7 11.5



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# 3143

Delta R.T. -0.00 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

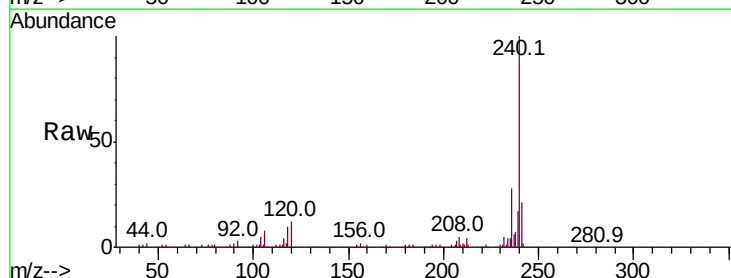
Tgt Ion:240 Resp: 264684

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

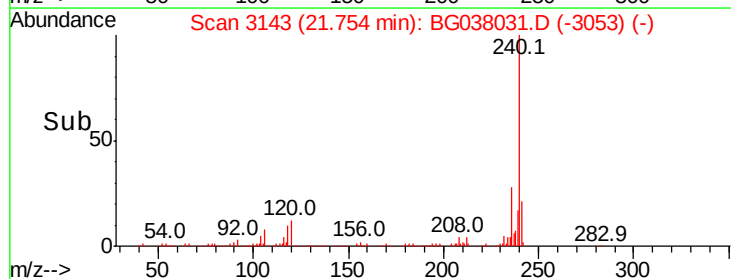
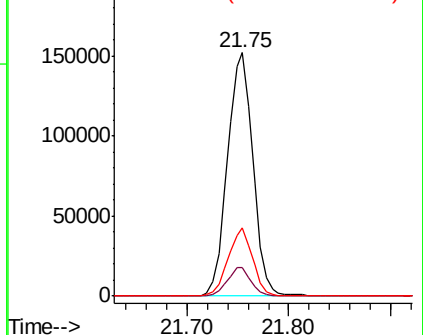
236 27.8 21.4 32.0

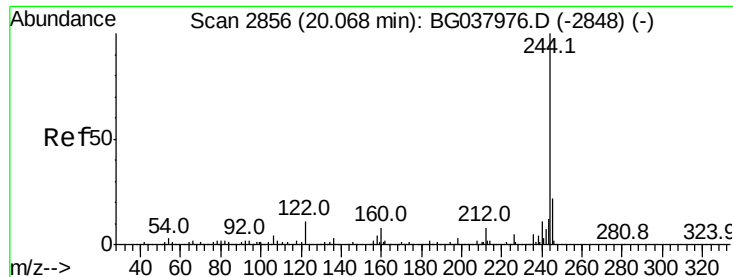


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.384 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

Instrument :

BNA_G

ClientSampleId :

MW-1R

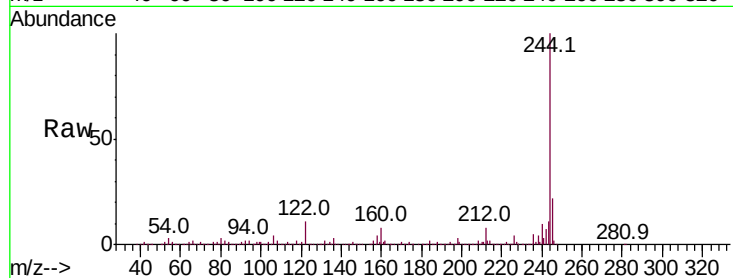
Tot Ion:244 Resp: 1005460

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

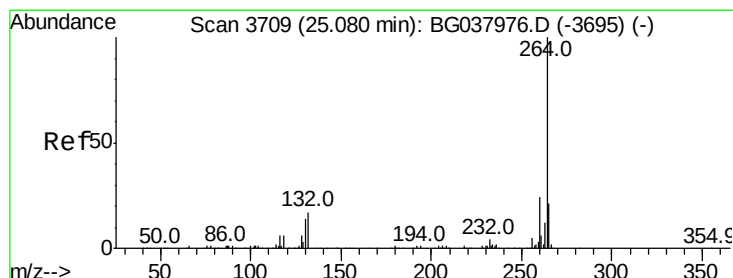
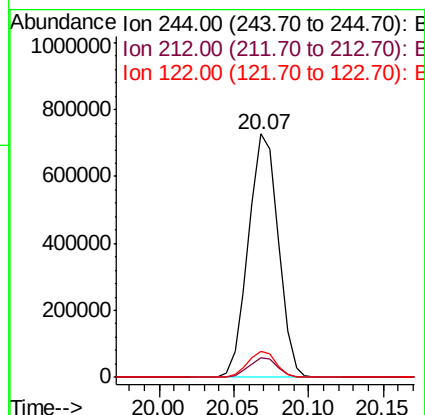
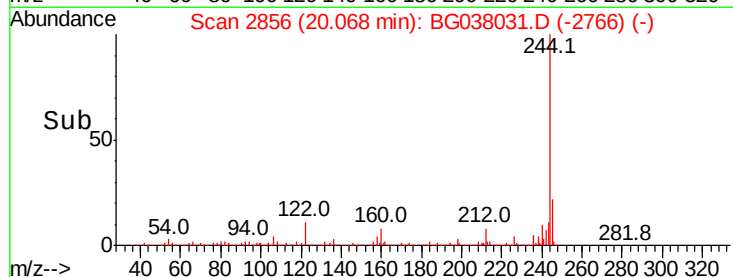
122 10.9 9.0 13.4



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: BG038031.D

Acq: 16 Nov 2018 13:27

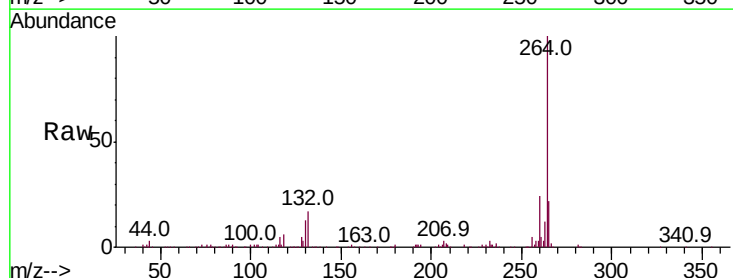
Tgt Ion:264 Resp: 270458

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.0 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

