

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038461.D
 Acq On : 11 Dec 2018 8:06
 Operator : JU/SJ
 Sample : J6316-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

Quant Time: Dec 11 10:24:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25804	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	111709	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	80770	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	196377	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	196691	20.00	ng	-0.01
87) Perylene-d12	25.04	264	193637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	183255	125.68	ng	0.00
7) Phenol-d6	7.22	99	236598	112.26	ng	0.00
23) Nitrobenzene-d5	9.25	82	185544	82.46	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	124612	125.67	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	441172	77.83	ng	0.00
79) Terphenyl-d14	20.05	244	832524	90.67	ng	0.00

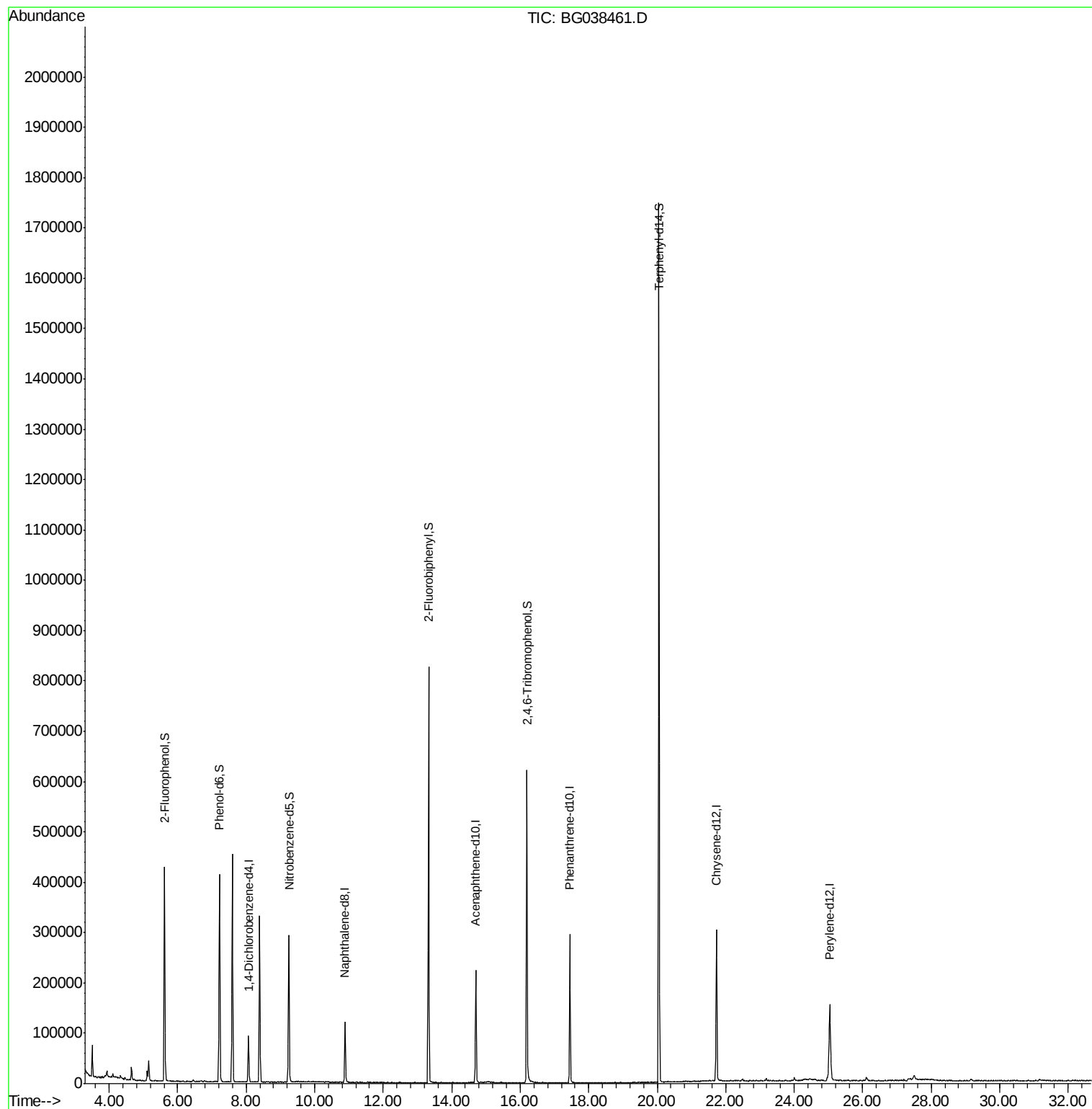
Target Compounds Qvalue

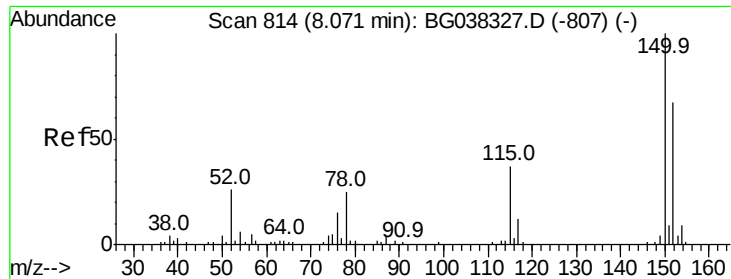
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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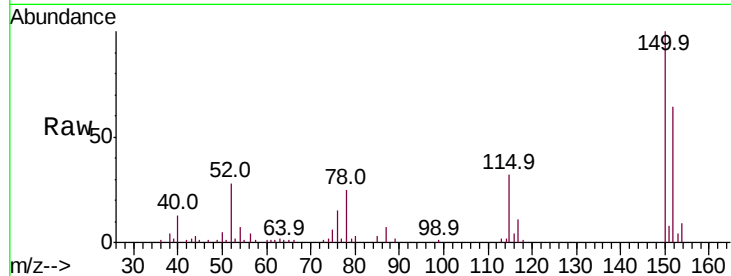


#1

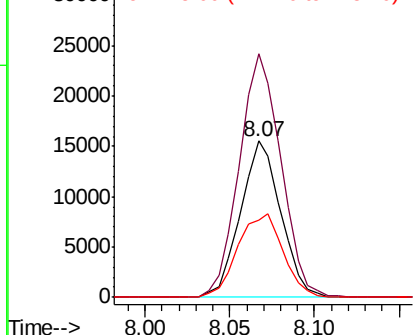
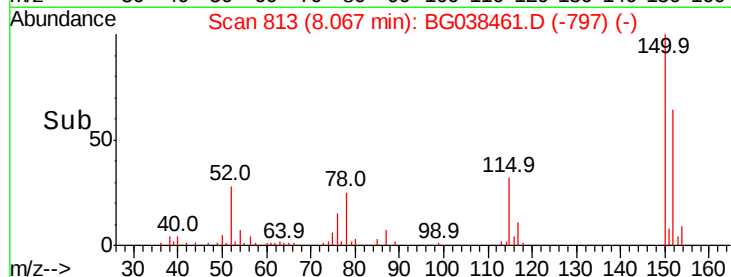
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038461.D
Acq: 11 Dec 2018 8:06

Instrument :
BNA_G
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion:152 Resp: 25804
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 49.5 45.5 68.3



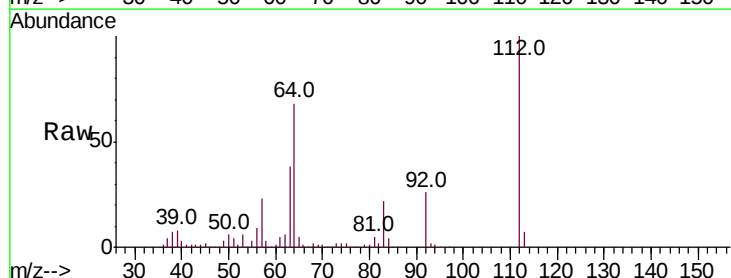
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



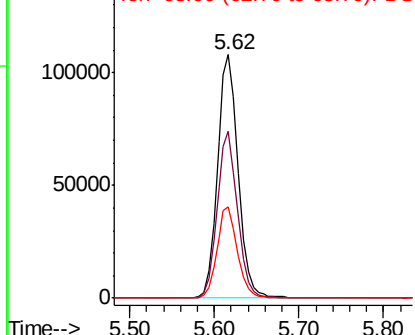
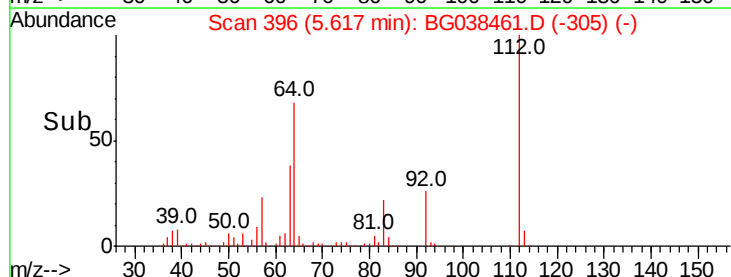
#5

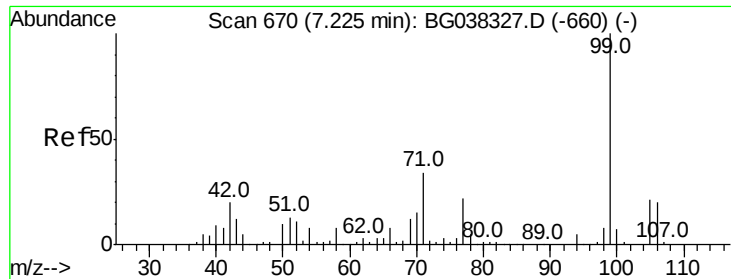
2-Fluorophenol
Concen: 125.677 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038461.D
Acq: 11 Dec 2018 8:06

Tgt Ion:112 Resp: 183255
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 37.7 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: 112.264 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038461.D

Acq: 11 Dec 2018 8:06

Instrument :

BNA_G

ClientSampleId :

BORING-SAMPLE-SIGNAL-TOWER-

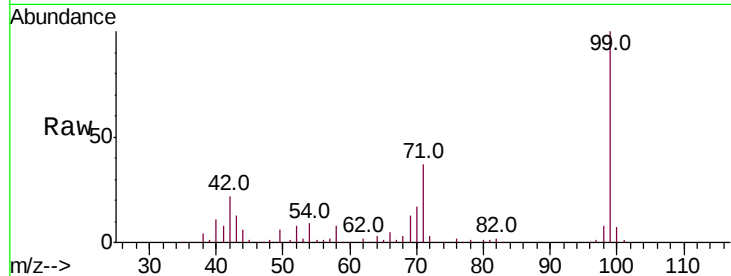
Tot Ion: 99 Resp: 236598

Ion Ratio Lower Upper

99 100

42 22.5 15.0 22.4#

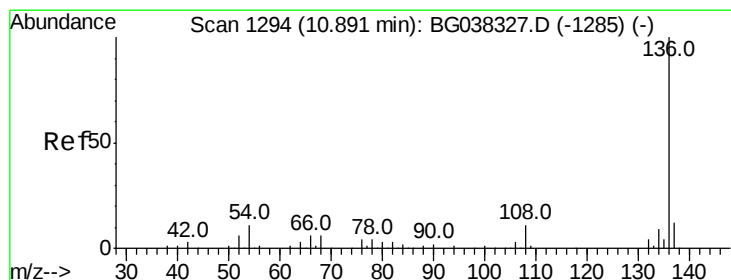
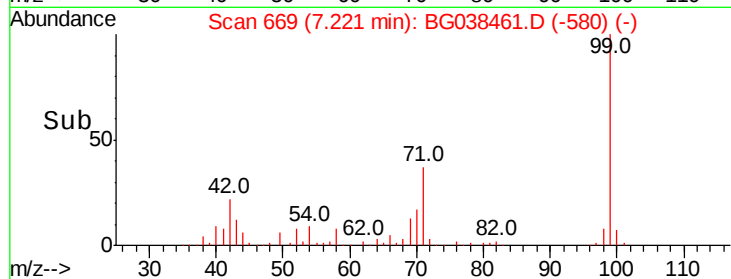
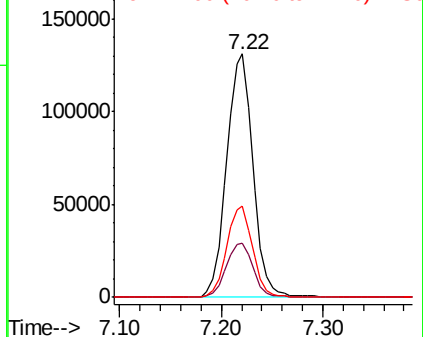
71 37.4 25.5 38.3



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: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038461.D

Acq: 11 Dec 2018 8:06

Tgt Ion: 136 Resp: 111709

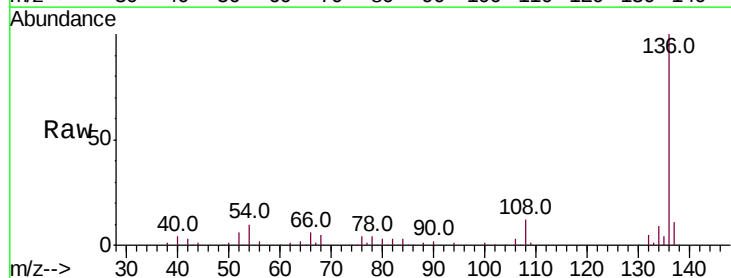
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.5 7.9 11.9

68 5.2 4.8 7.2

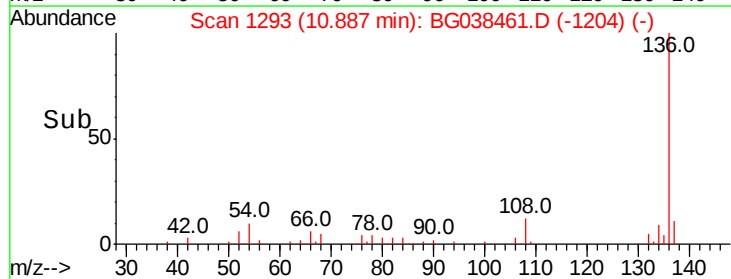
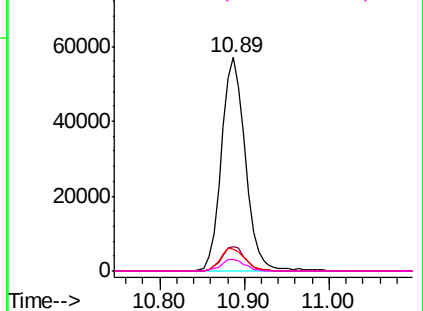


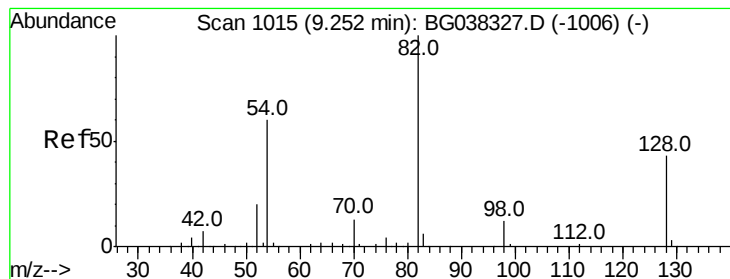
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.463 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038461.D

Acq: 11 Dec 2018 8:06

Instrument :

BNA_G

ClientSampleId :

BORING-SAMPLE-SIGNAL-TOWER-

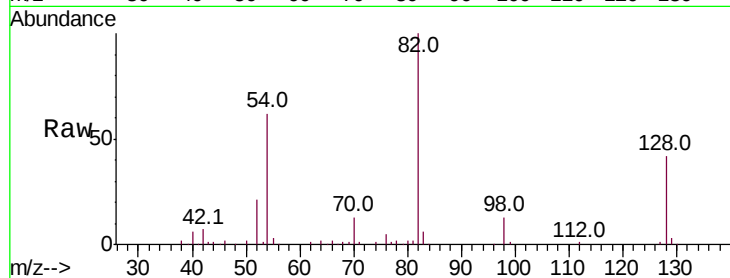
Tot Ion: 82 Resp: 185544

Ion Ratio Lower Upper

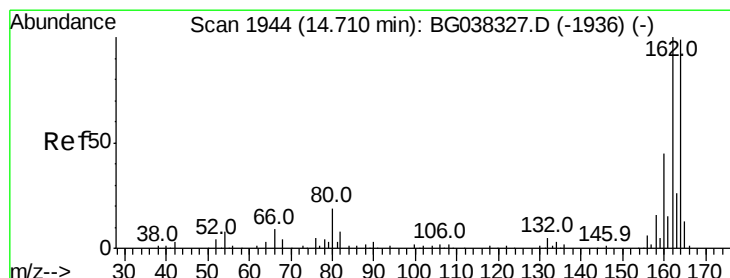
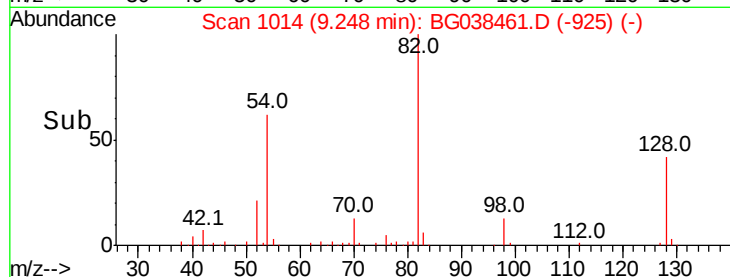
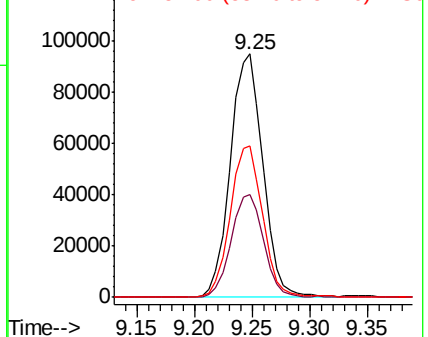
82 100

128 42.0 34.6 51.8

54 62.4 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: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038461.D

Acq: 11 Dec 2018 8:06

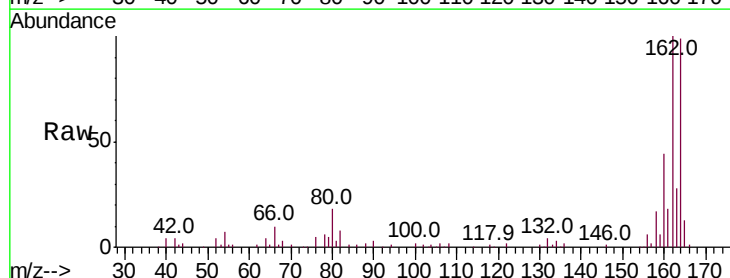
Tgt Ion: 164 Resp: 80770

Ion Ratio Lower Upper

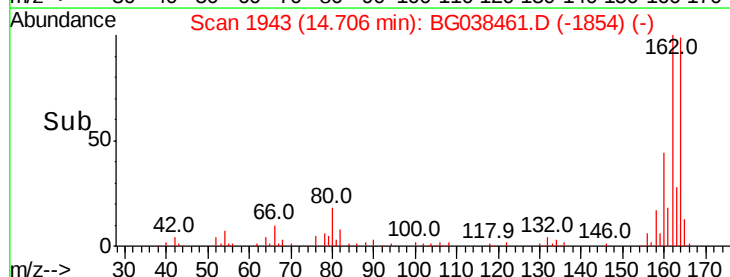
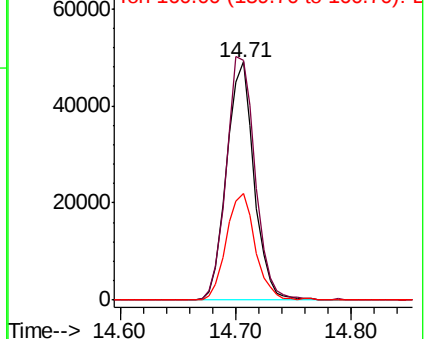
164 100

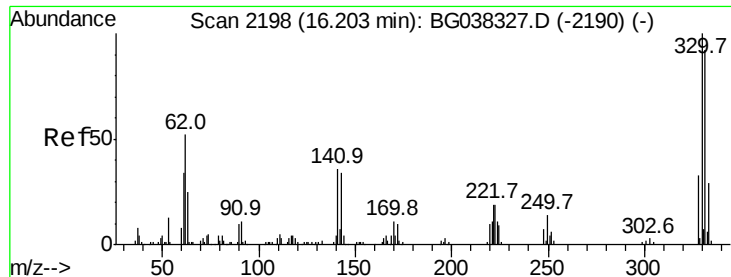
162 100.8 81.3 121.9

160 44.7 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

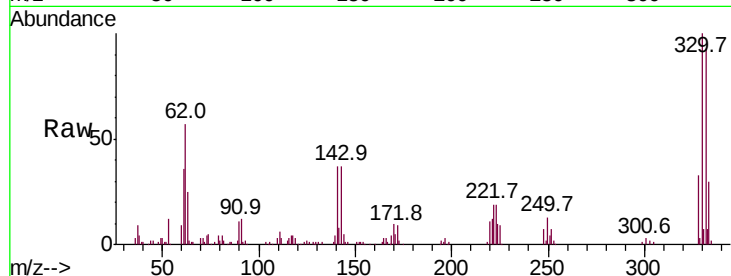




#42
 2,4,6-Tribromophenol
 Concen: 125.674 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038461.D
 Acq: 11 Dec 2018 8:06

Instrument :
 BNA_G
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.4	117.6
141	38.1	32.2	48.2

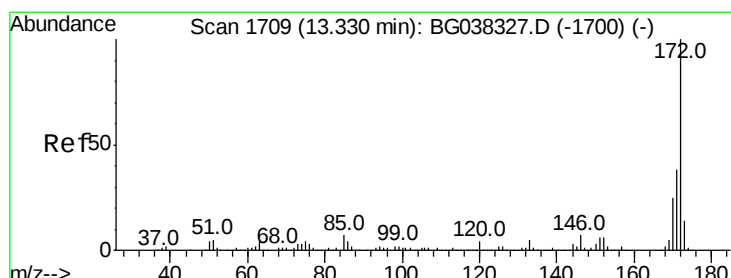
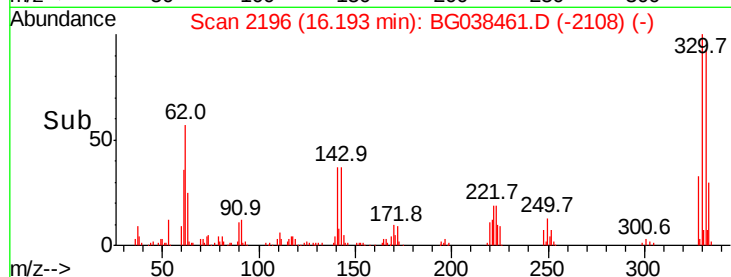
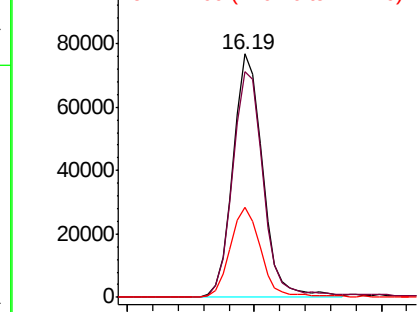


Abundance

Ion 329.80 (329.50 to 330.50): E

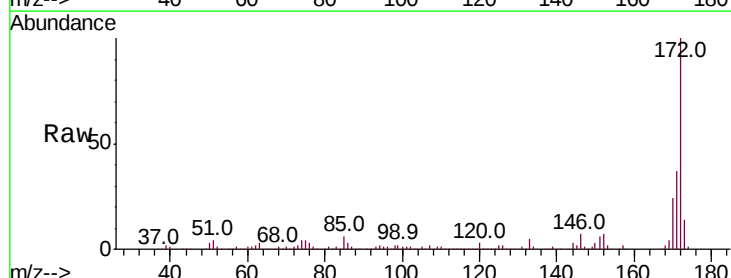
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.830 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038461.D
 Acq: 11 Dec 2018 8:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	23.8	20.2	30.2

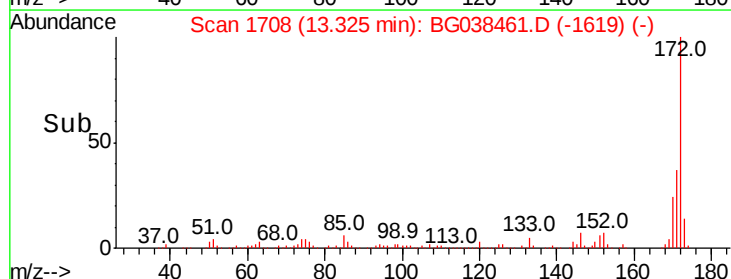
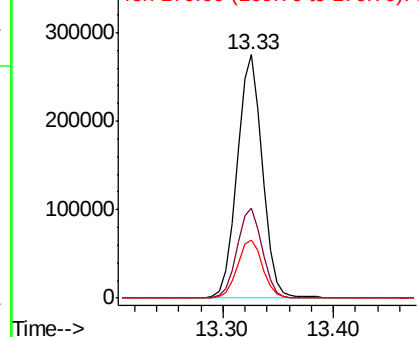


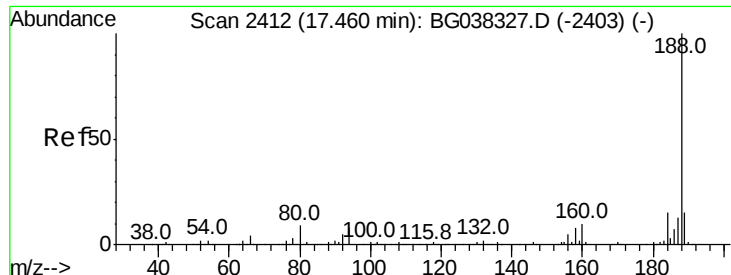
Abundance

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

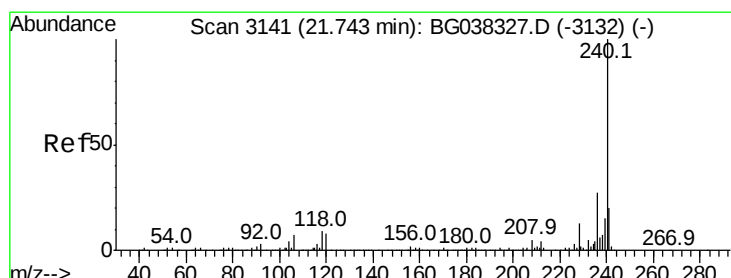
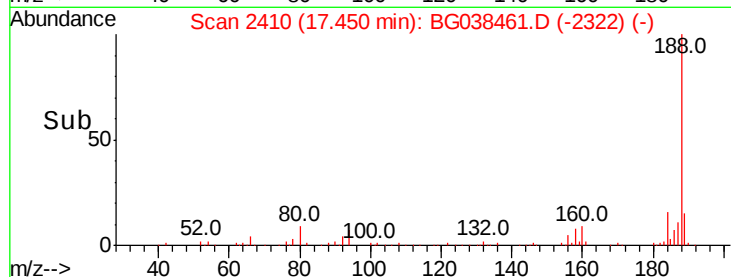
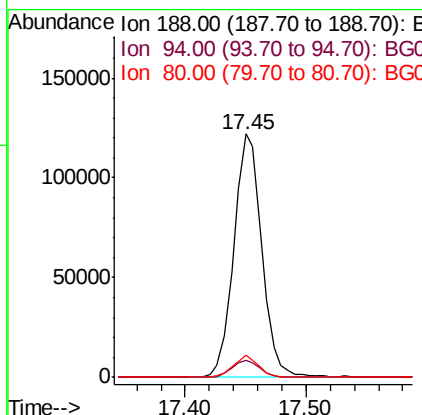
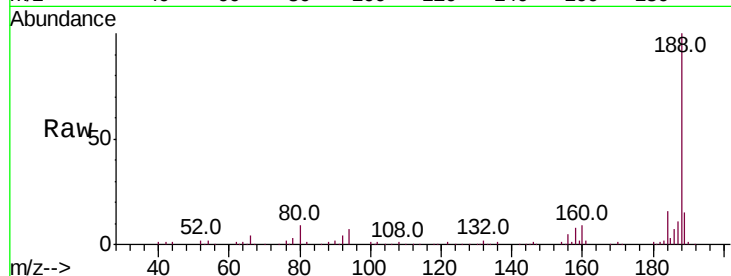




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038461.D
 Acq: 11 Dec 2018 8:06

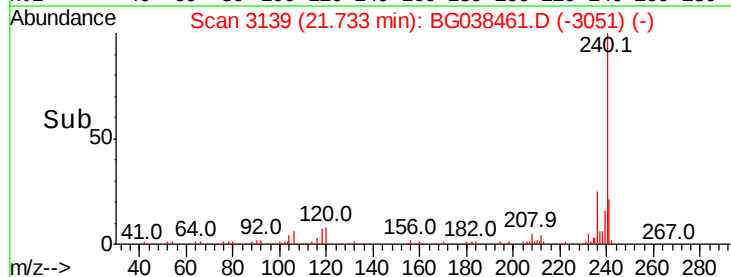
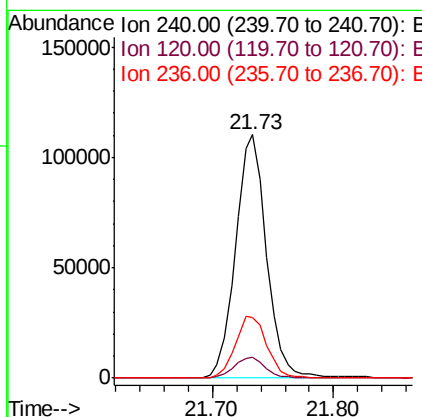
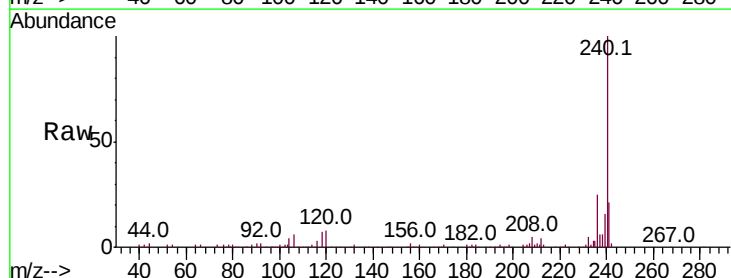
Instrument :
 BNA_G
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

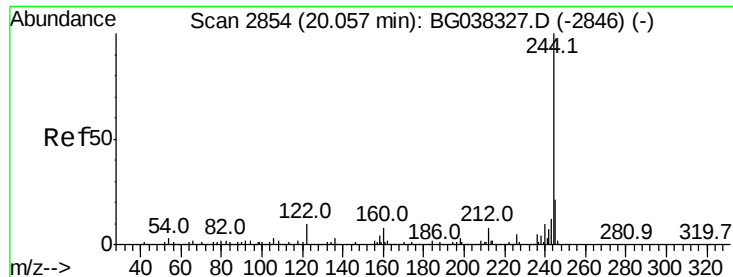
Tot Ion:188 Resp: 196377
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.2 10.8#
 80 8.9 7.7 11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038461.D
 Acq: 11 Dec 2018 8:06

Tgt Ion:240 Resp: 196691
 Ion Ratio Lower Upper
 240 100
 120 8.4 8.1 12.1
 236 25.0 21.4 32.0





#79

Terphenyl-d14

Concen: 90.674 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038461.D

Acq: 11 Dec 2018 8:06

Instrument :

BNA_G

ClientSampleId :

BORING-SAMPLE-SIGNAL-TOWER-

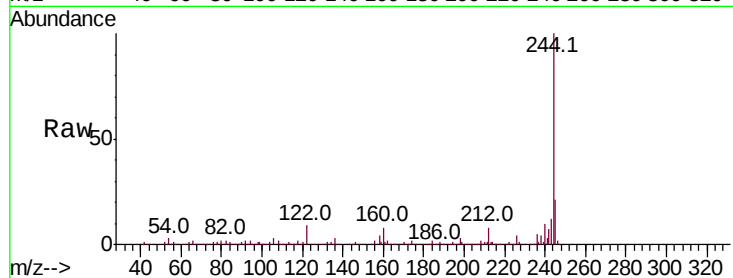
Tot Ion:244 Resp: 832524

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

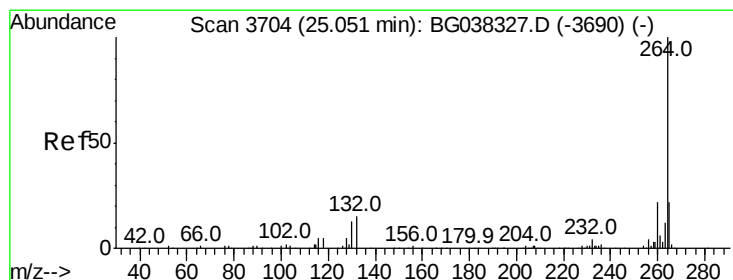
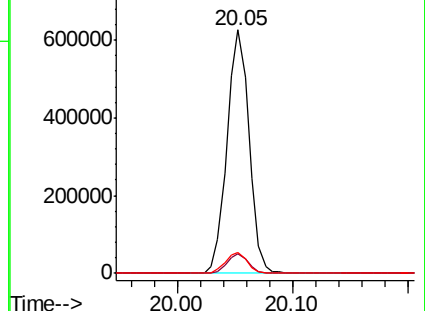
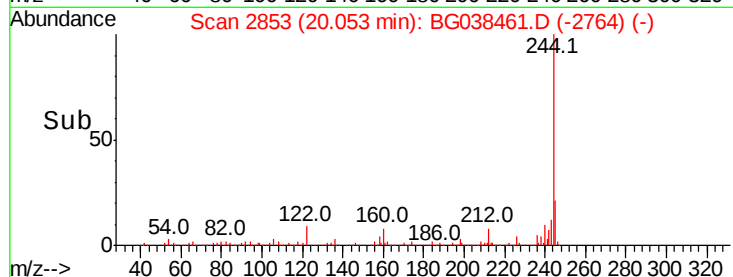
122 8.8 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038461.D

Acq: 11 Dec 2018 8:06

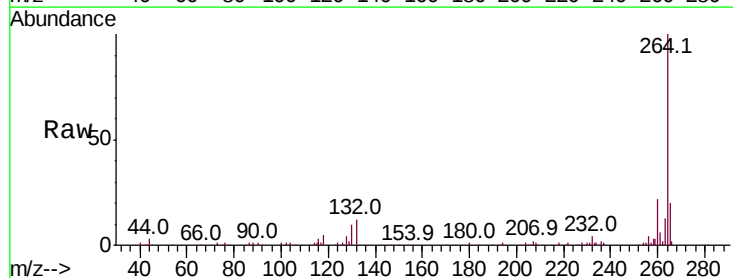
Tgt Ion:264 Resp: 193637

Ion Ratio Lower Upper

264 100

260 21.5 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

