

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038474.D
 Acq On : 11 Dec 2018 17:59
 Operator : JU/SJ
 Sample : J6195-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Quant Time: Dec 12 03:42:41 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	22815	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	97324	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	67614	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174547	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	172722	20.00	ng	-0.01
87) Perylene-d12	25.04	264	169796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	191234	148.33	ng	0.00
7) Phenol-d6	7.22	99	239486	128.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	195954	99.96	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	132624	159.78	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	468941	98.83	ng	0.00
79) Terphenyl-d14	20.05	244	881852	109.38	ng	0.00

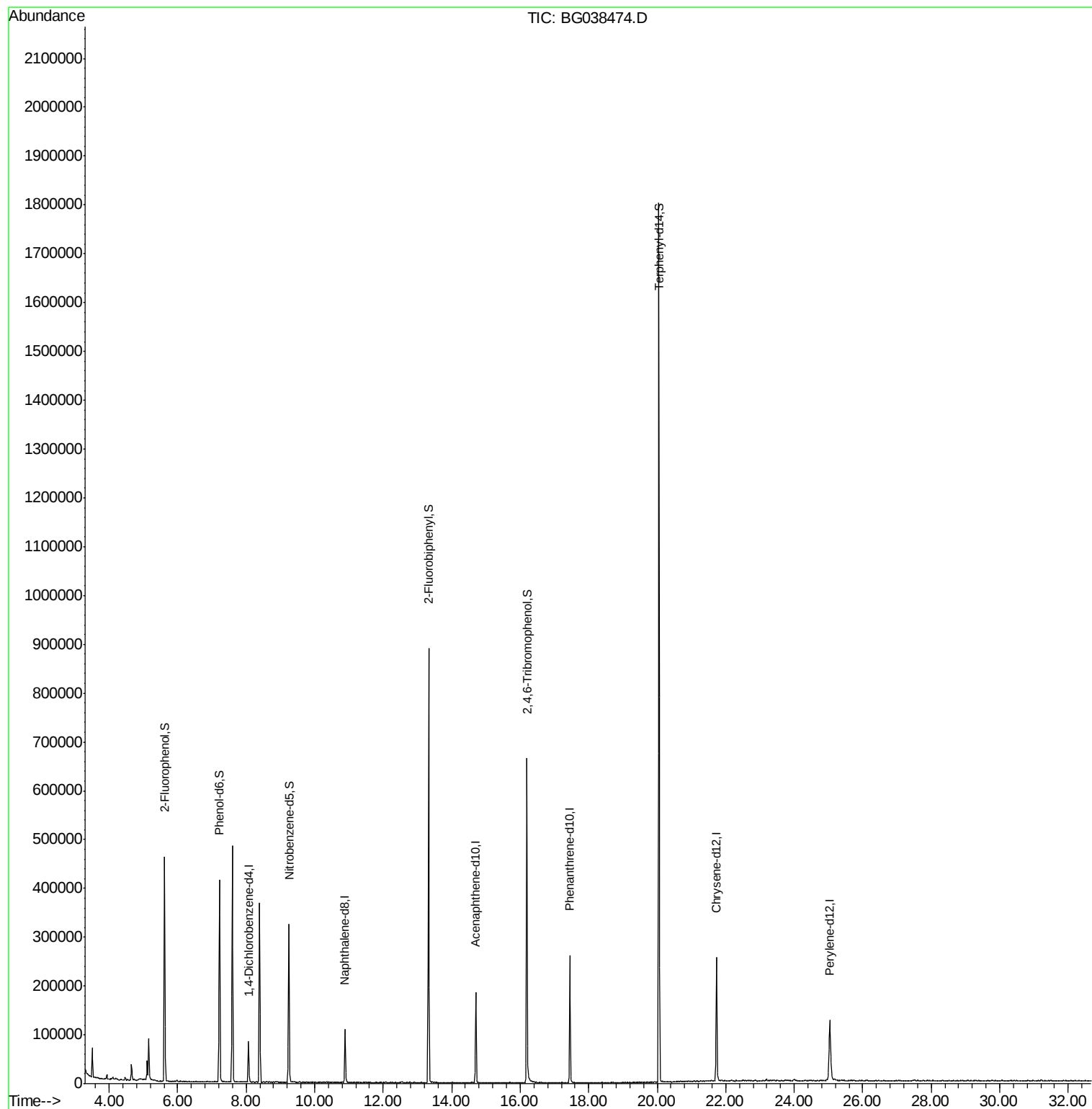
Target Compounds Qvalue

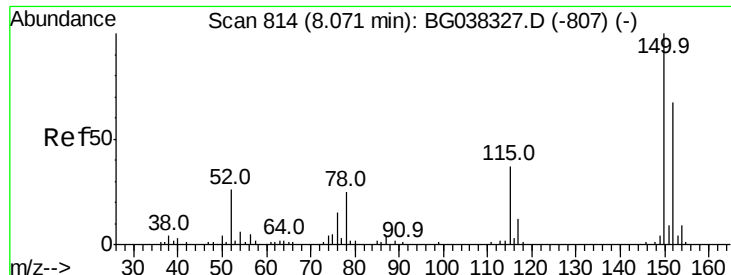
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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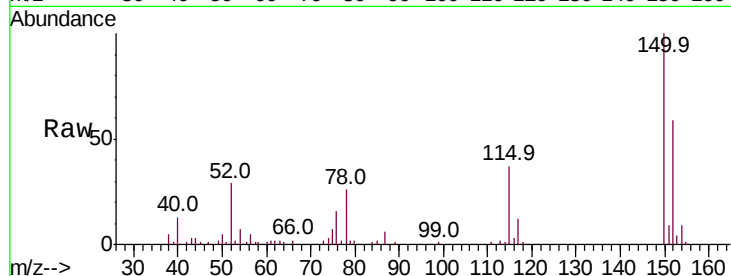


#1

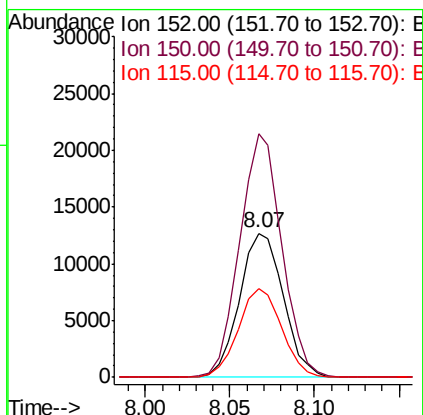
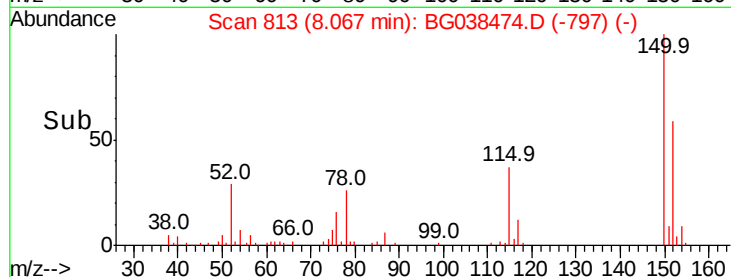
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.3	126.0	189.0
115	62.1	45.5	68.3



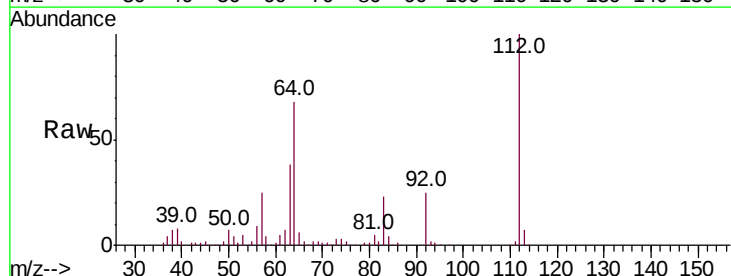
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



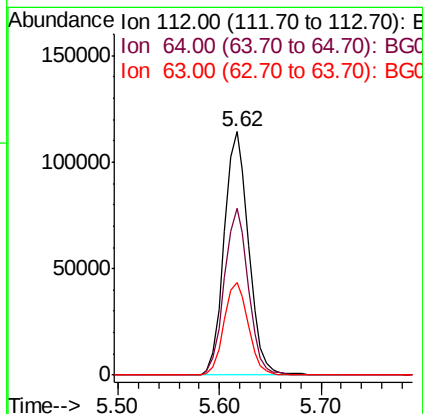
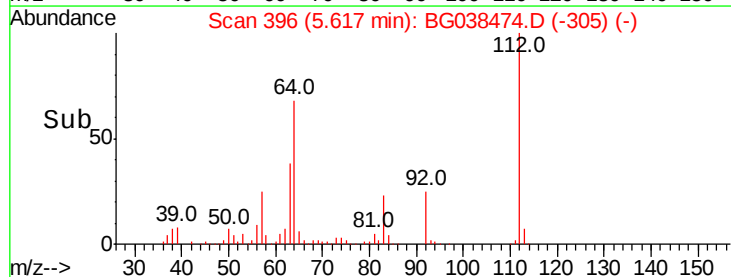
#5

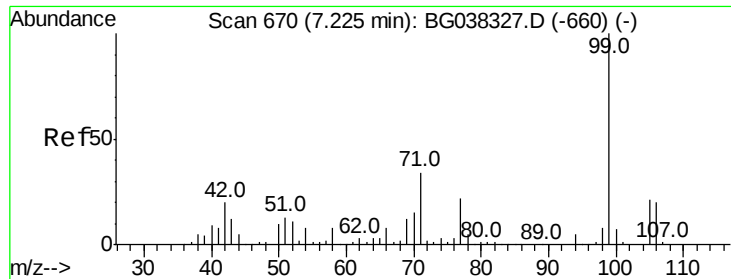
2-Fluorophenol
 Concen: 148.330 ng
 RT: 5.62 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.1	79.7
63	38.3	27.3	40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.522 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

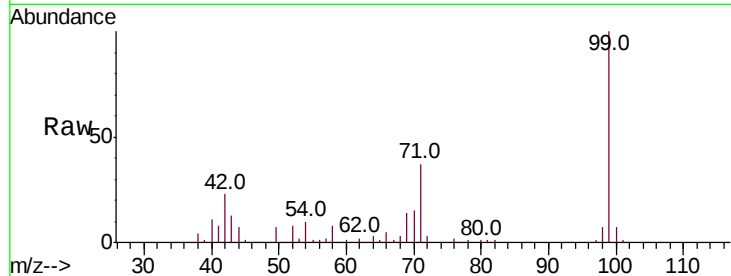
Tot Ion: 99 Resp: 239486

Ion Ratio Lower Upper

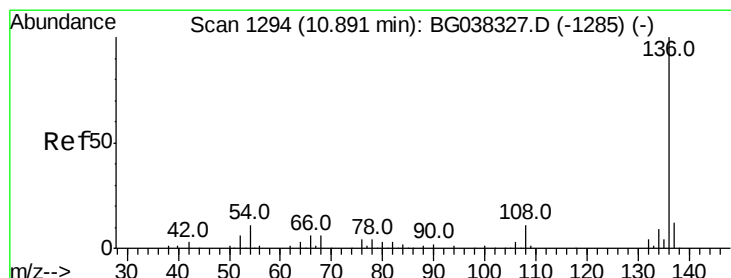
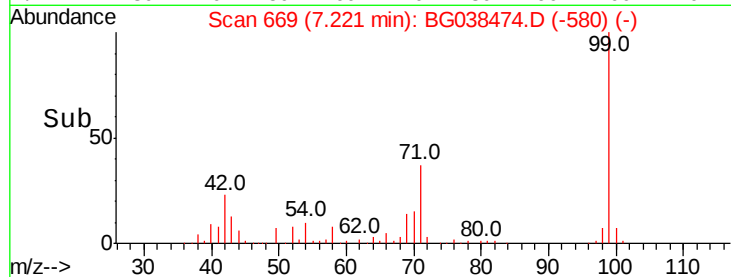
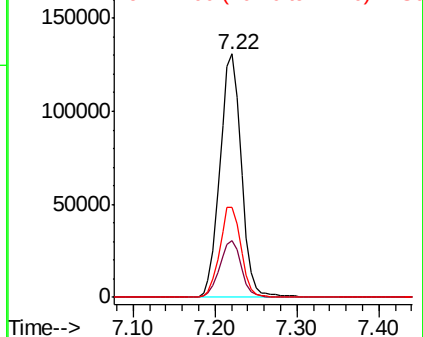
99 100

42 23.5 15.0 22.4#

71 37.1 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: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Tgt Ion: 136 Resp: 97324

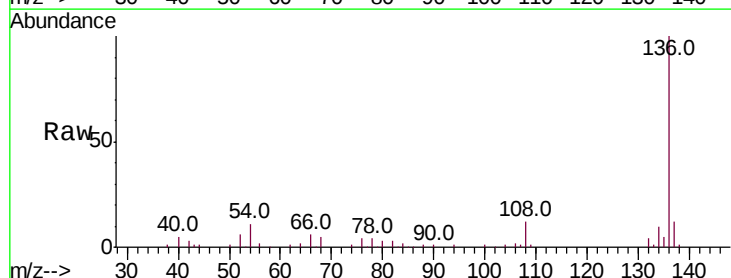
Ion Ratio Lower Upper

136 100

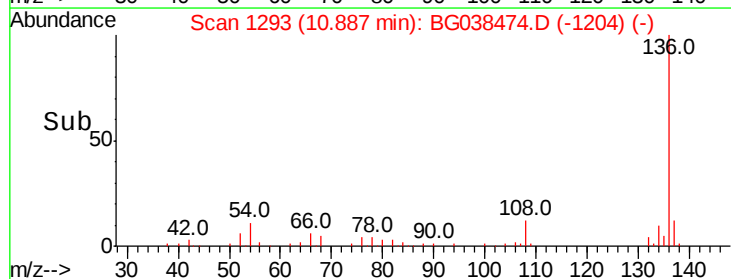
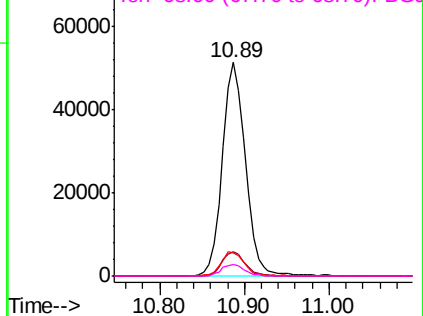
137 11.5 9.6 14.4

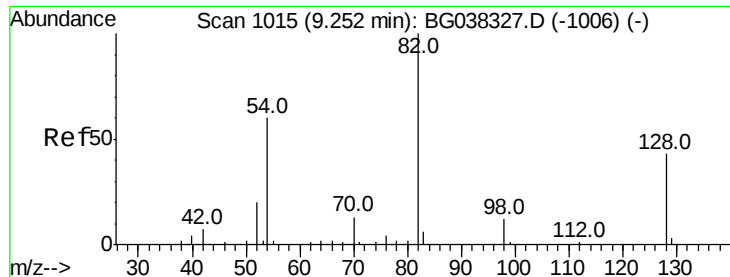
54 10.7 7.9 11.9

68 5.4 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: 99.962 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

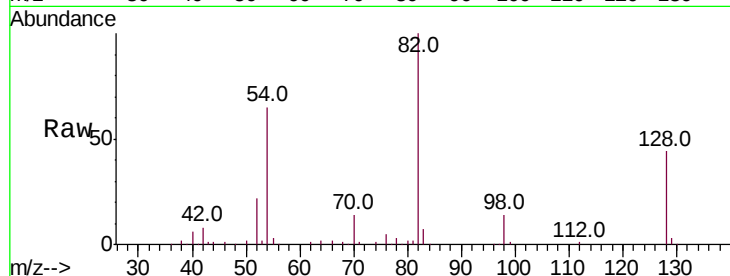
Tot Ion: 82 Resp: 195954

Ion Ratio Lower Upper

82 100

128 44.2 34.6 51.8

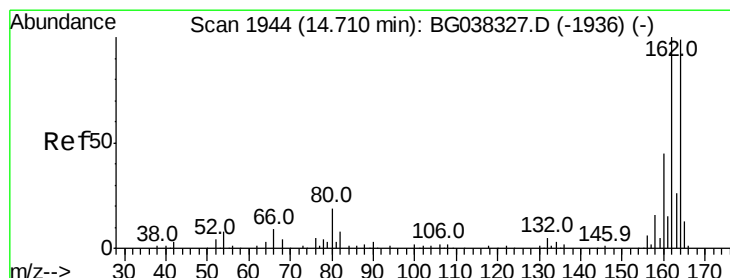
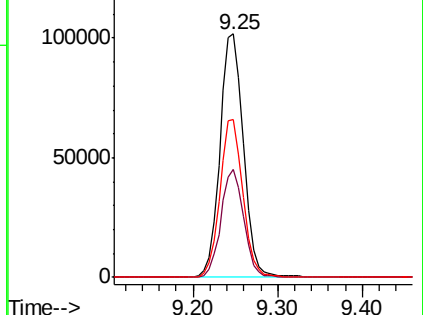
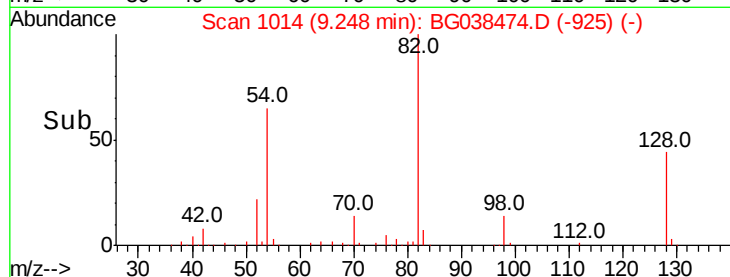
54 64.7 45.3 67.9



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: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

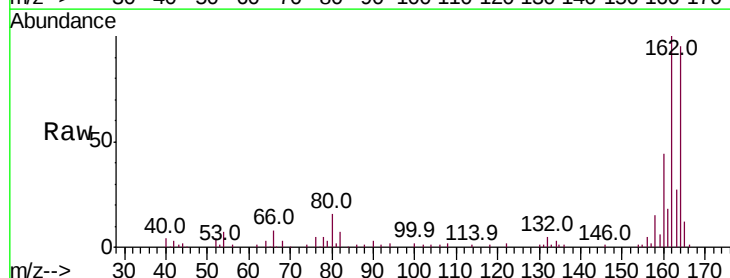
Tgt Ion: 164 Resp: 67614

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

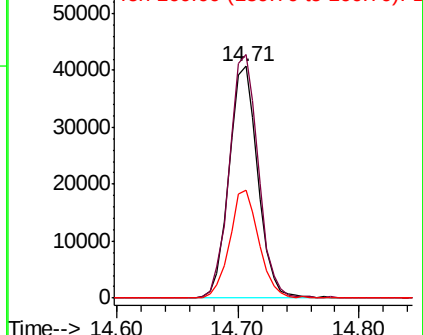
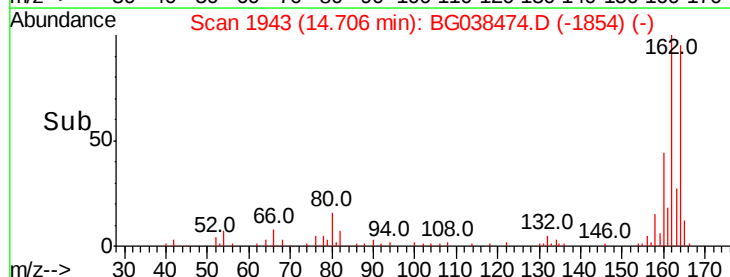
160 46.6 36.3 54.5

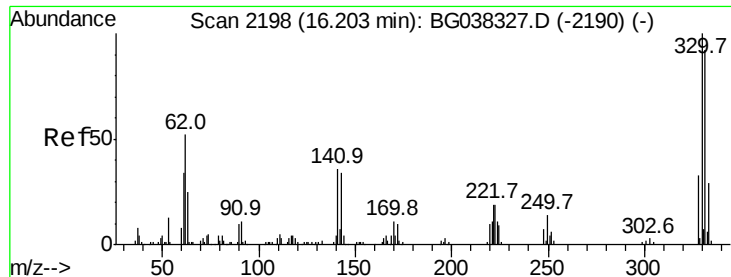


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

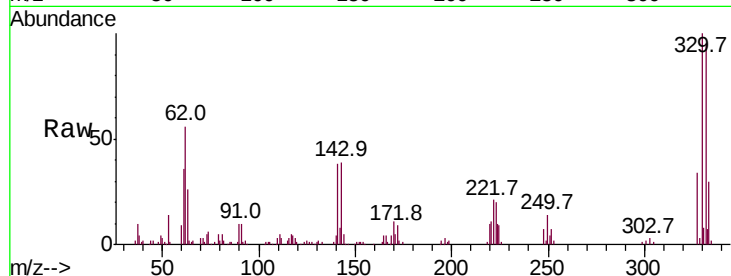




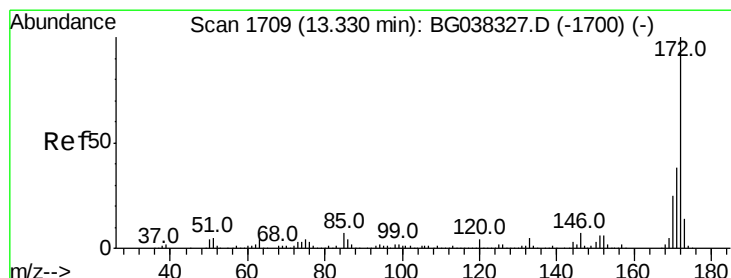
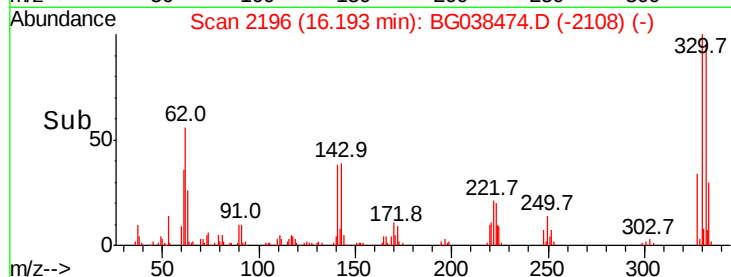
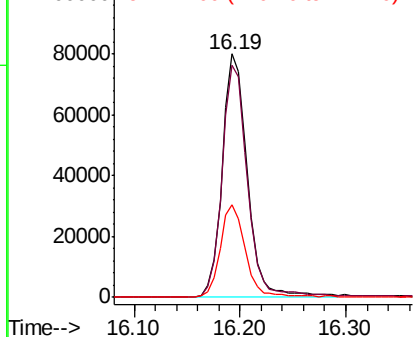
#42
 2,4,6-Tribromophenol
 Concen: 159.779 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Tot Ion:330 Resp: 132624
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.4 117.6
 141 38.6 32.2 48.2

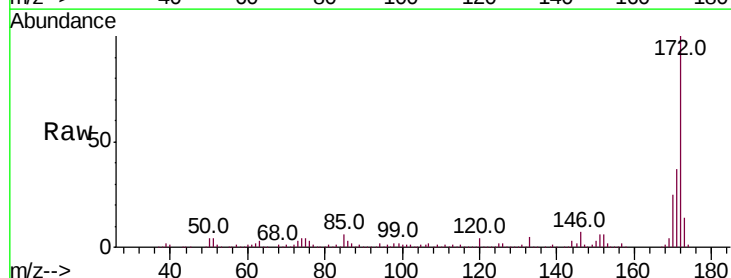


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

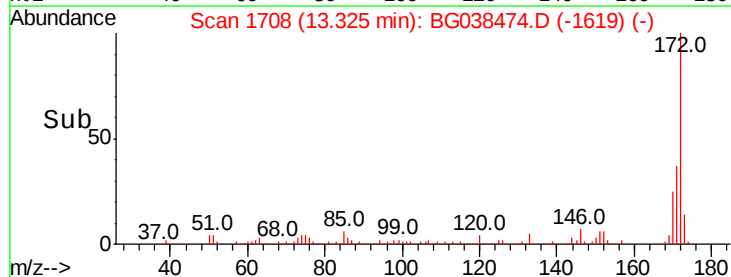
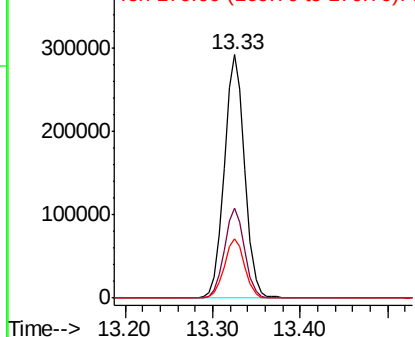


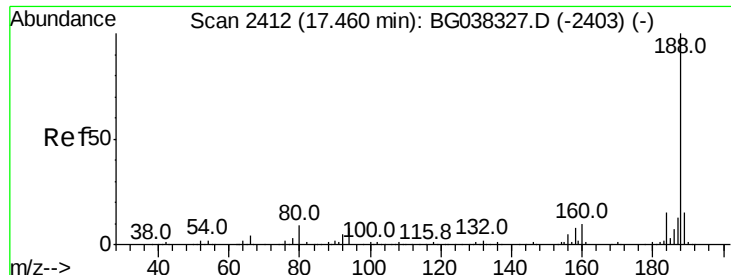
#45
 2-Fluorobiphenyl
 Concen: 98.826 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Tgt Ion:172 Resp: 468941
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.6 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

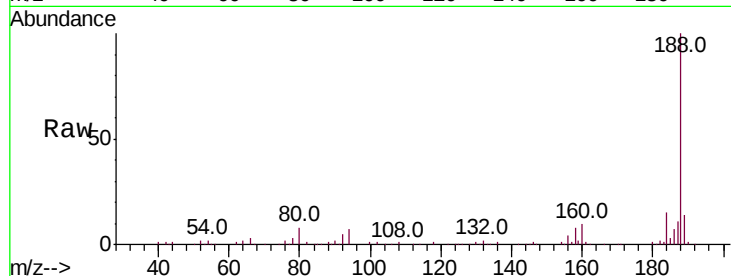




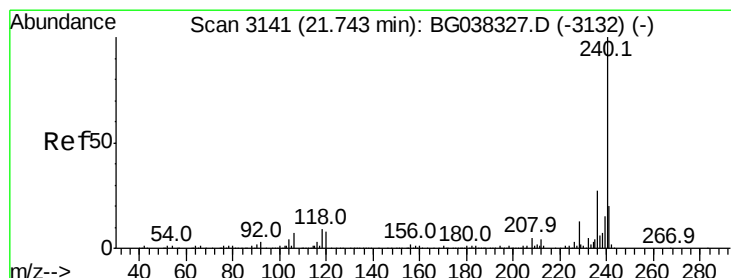
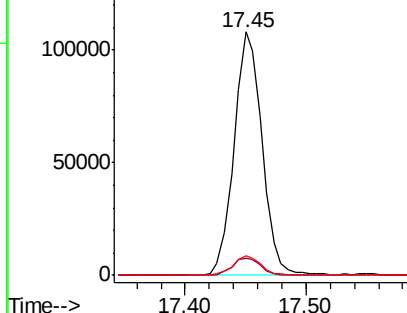
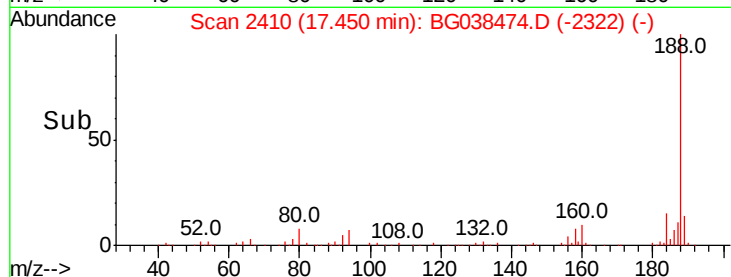
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tot Ion:188 Resp: 174547
Ion Ratio Lower Upper
188 100
94 7.1 7.2 10.8#
80 8.2 7.7 11.5

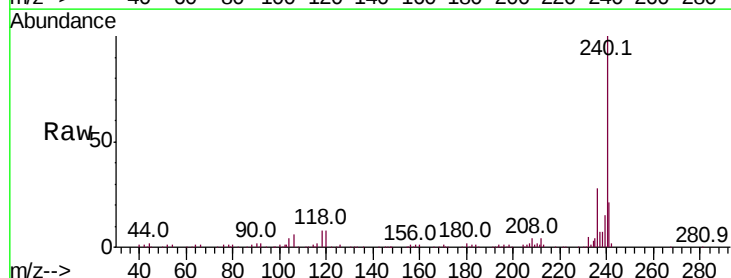


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

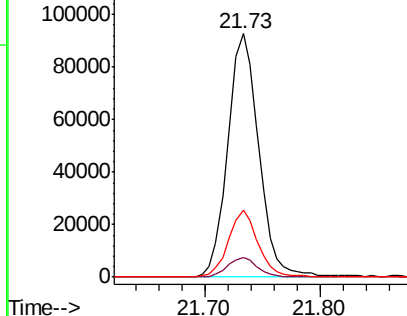
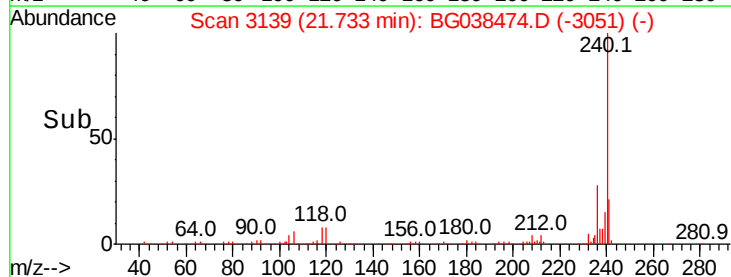


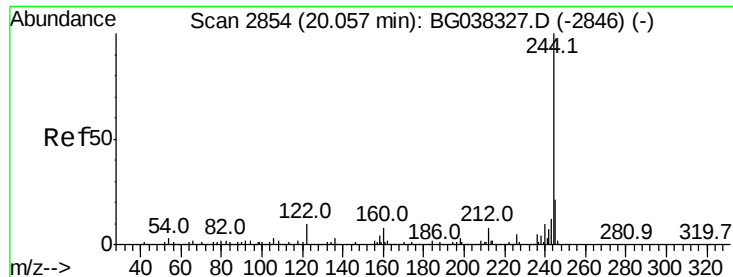
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:240 Resp: 172722
Ion Ratio Lower Upper
240 100
120 8.0 8.1 12.1#
236 27.5 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: 109.375 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

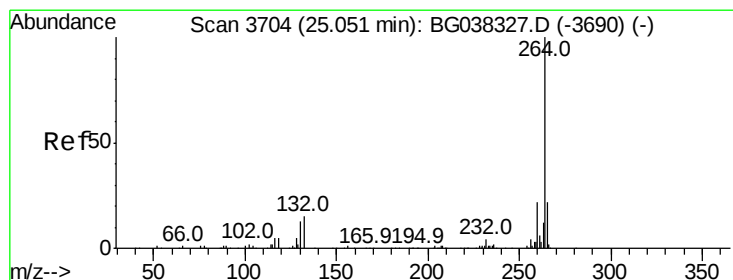
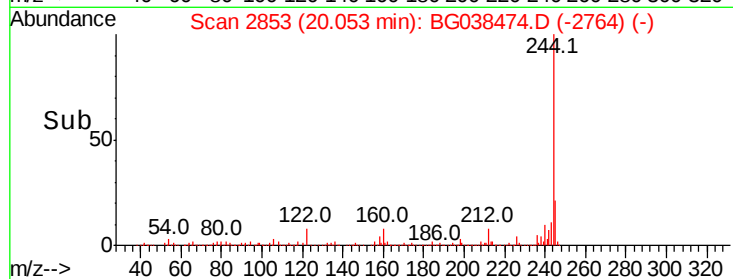
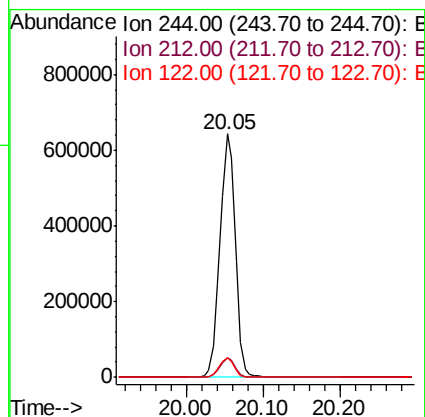
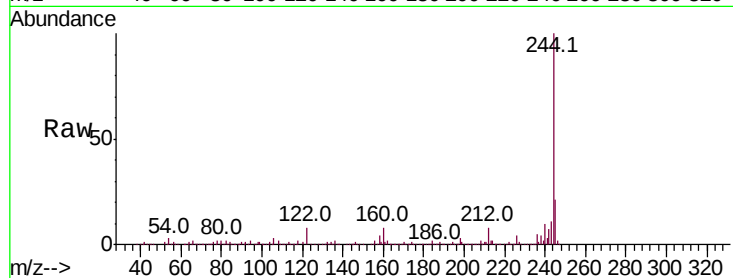
Tot Ion:244 Resp: 881852

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.2 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Tgt Ion:264 Resp: 169796

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.7 17.9 26.9

