

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038908.D
 Acq On : 3 Jan 2019 18:04
 Operator : JU/SJ
 Sample : K1002-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-A

Quant Time: Jan 04 04:38:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29397	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	112971	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	80233	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	208766	20.00	ng	0.00
76) Chrysene-d12	21.71	240	210865	20.00	ng	-0.01
87) Perylene-d12	25.01	264	218434	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	215151	129.81	ng	0.00
7) Phenol-d6	7.21	99	268327	117.93	ng	0.00
23) Nitrobenzene-d5	9.22	82	197839	89.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	173107	156.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	525658	89.88	ng	-0.01
79) Terphenyl-d14	20.04	244	1024622	105.75	ng	0.00

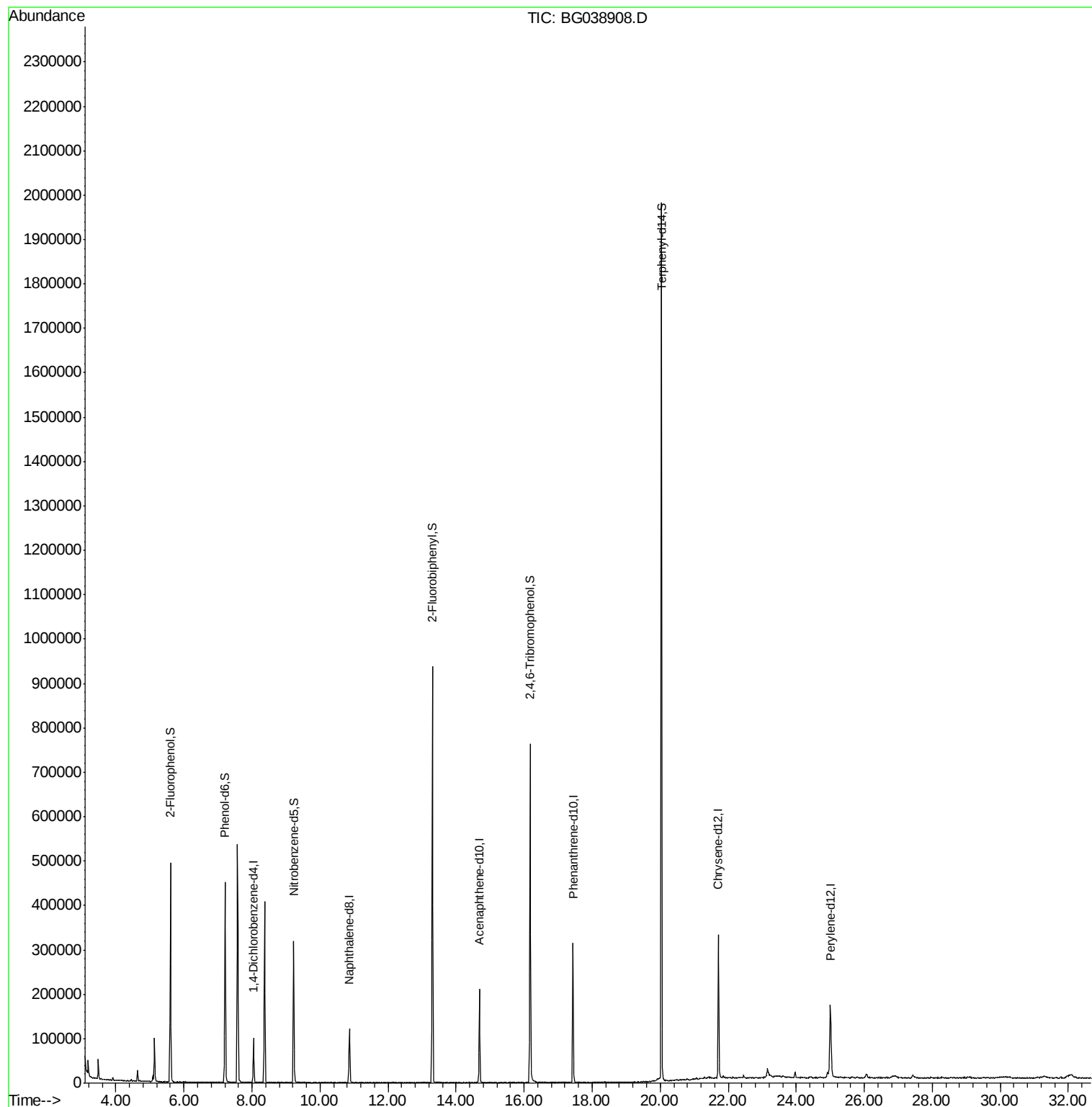
Target Compounds Qvalue

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

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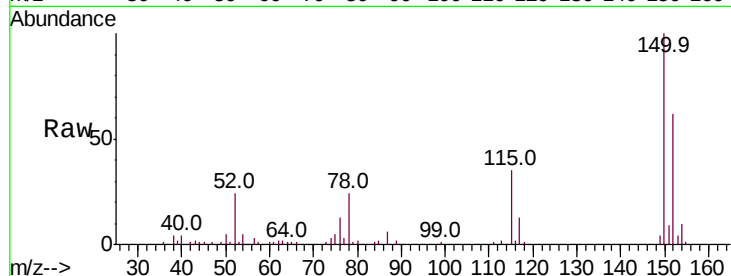


#1

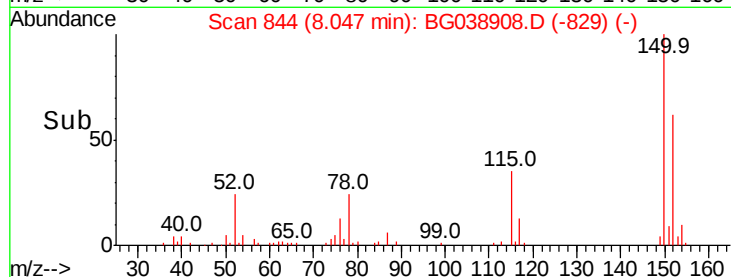
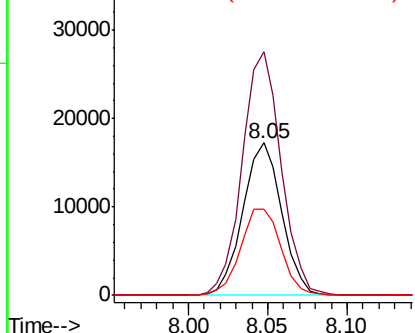
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG038908.D
 Acq: 3 Jan 2019 18:04

Instrument :
 BNA_G
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 AU-05-010219-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	119.5	179.3
115	56.3	49.6	74.4



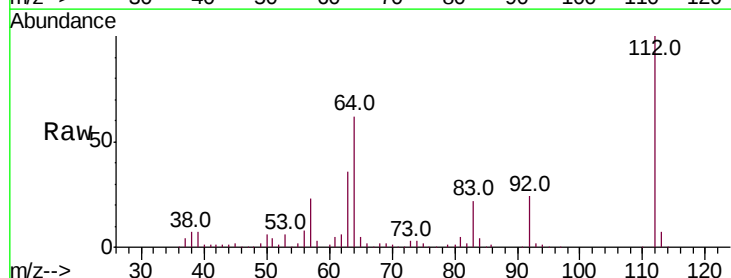
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



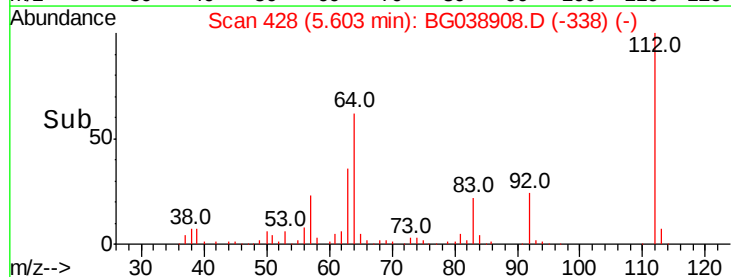
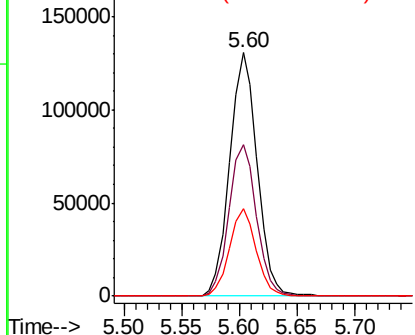
#5

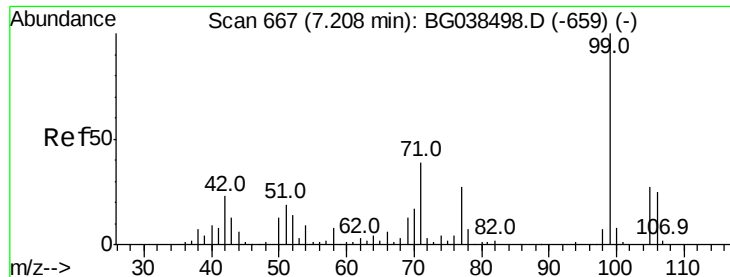
2-Fluorophenol
 Concen: 129.810 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038908.D
 Acq: 3 Jan 2019 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	53.4	80.2
63	35.8	29.3	43.9



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: 117.929 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-A

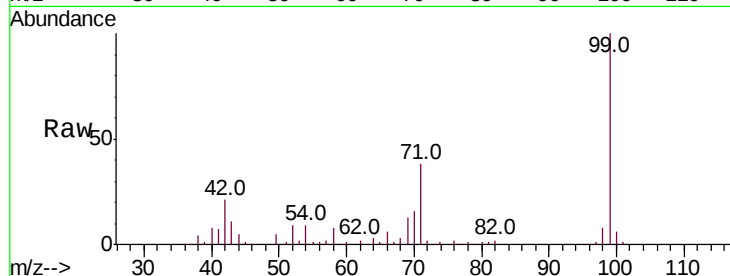
Tot Ion: 99 Resp: 268327

Ion Ratio Lower Upper

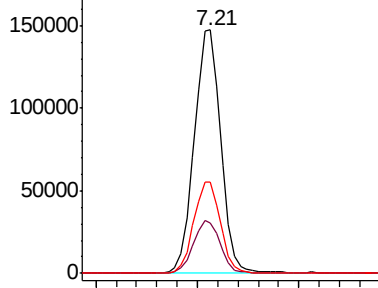
99 100

42 20.6 18.5 27.7

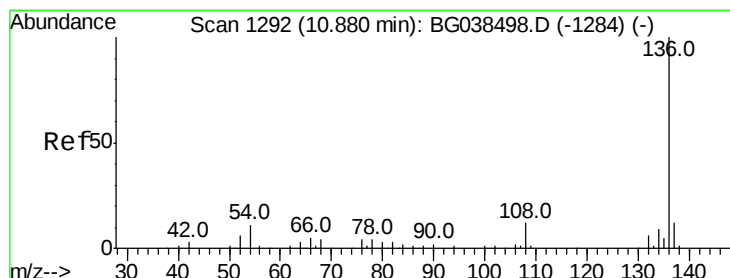
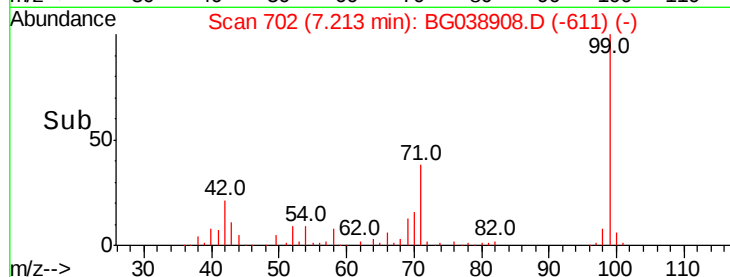
71 37.7 31.1 46.7



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

Tgt Ion:136 Resp: 112971

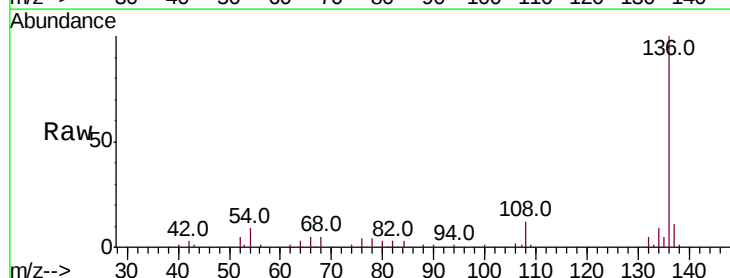
Ion Ratio Lower Upper

136 100

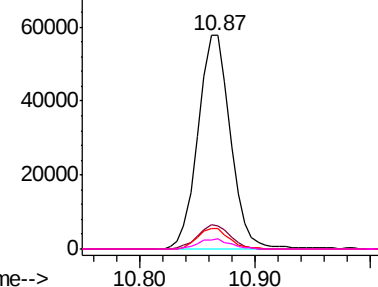
137 11.1 9.3 13.9

54 9.4 8.5 12.7

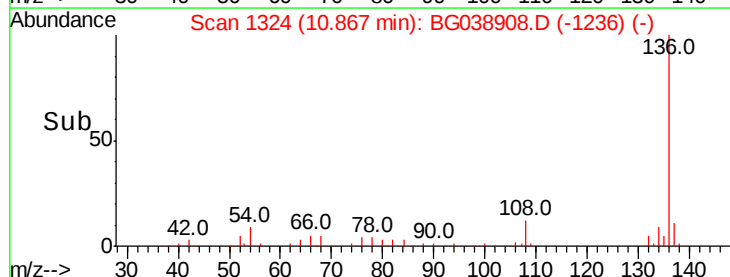
68 4.8 3.5 5.3



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



Time-->





#23

Nitrobenzene-d5

Concen: 89.466 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-A

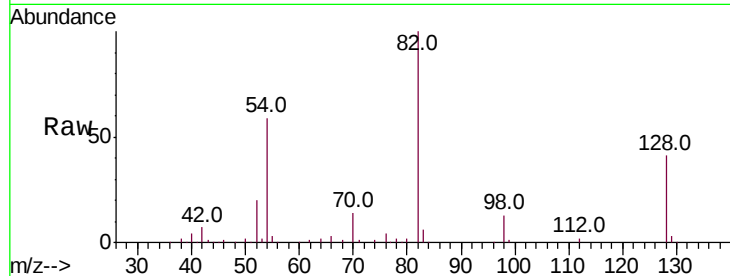
Tot Ion: 82 Resp: 197839

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

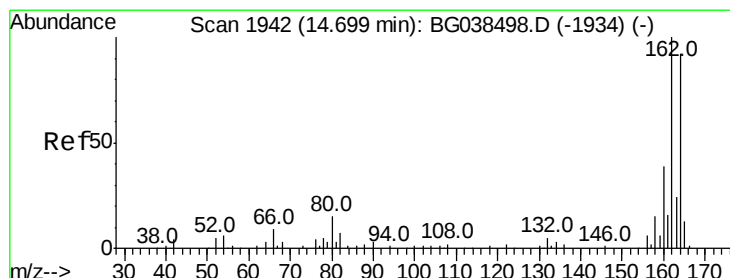
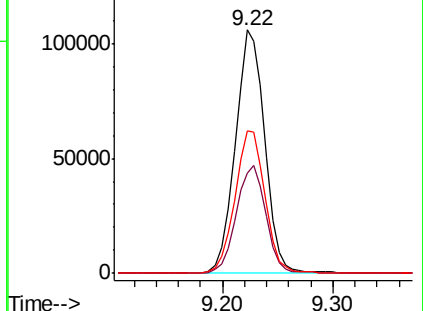
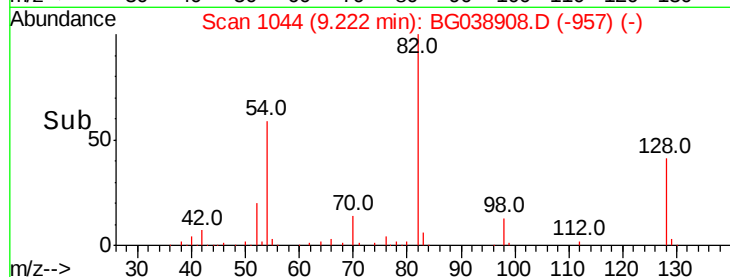
54 58.7 50.6 76.0



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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

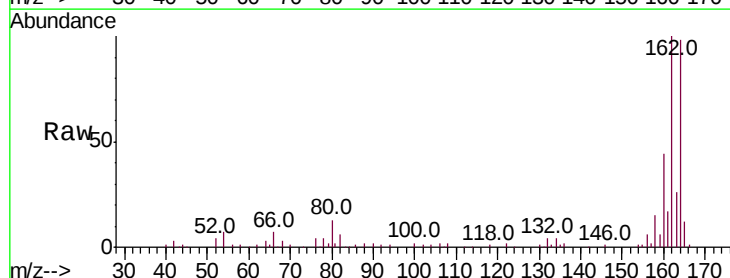
Tgt Ion: 164 Resp: 80233

Ion Ratio Lower Upper

164 100

162 102.2 86.6 130.0

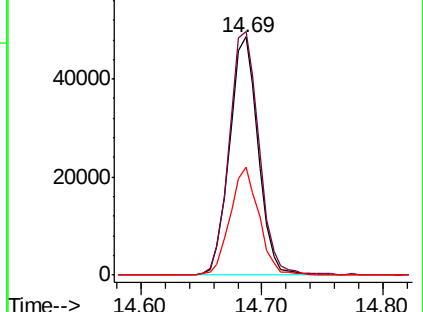
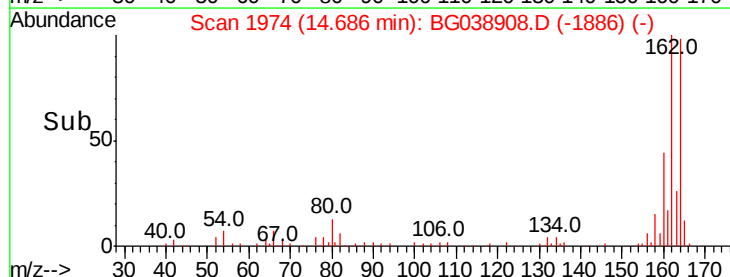
160 45.2 34.2 51.2

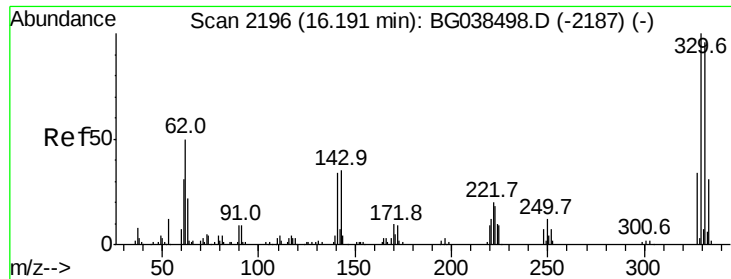


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

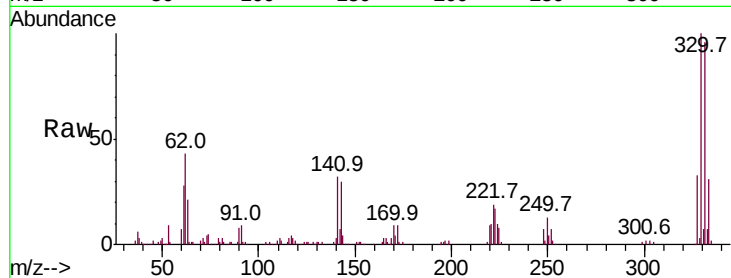




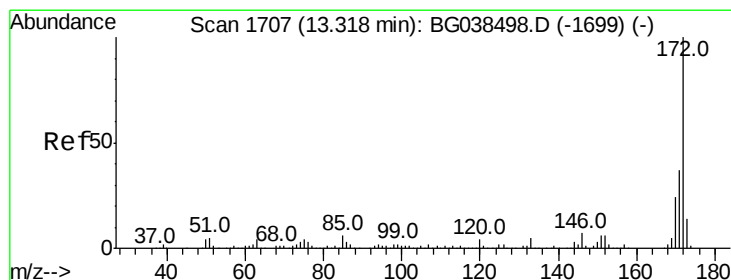
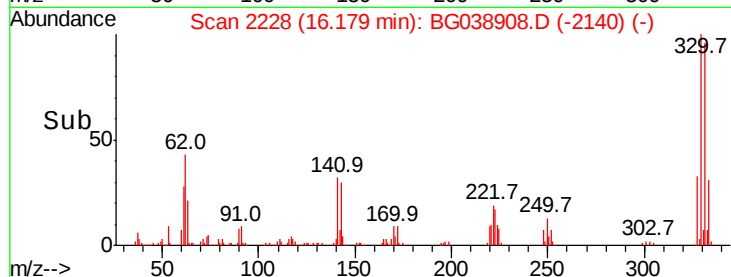
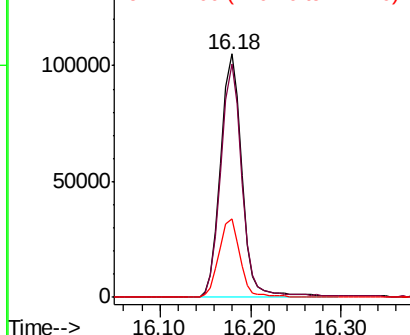
#42
 2,4,6-Tribromophenol
 Concen: 156.551 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038908.D
 Acq: 3 Jan 2019 18:04

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	31.8	28.8	43.2

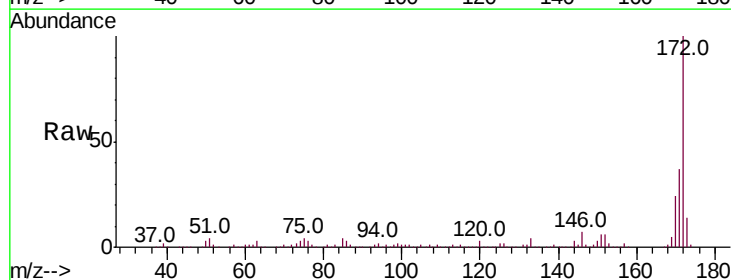


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

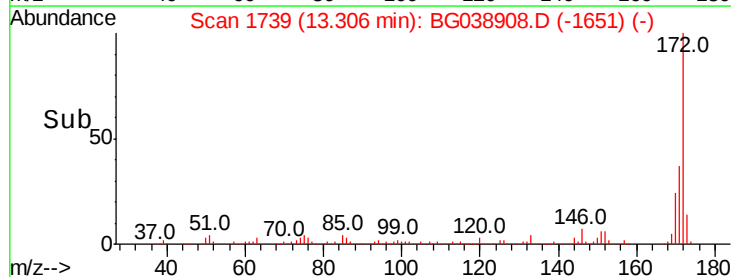
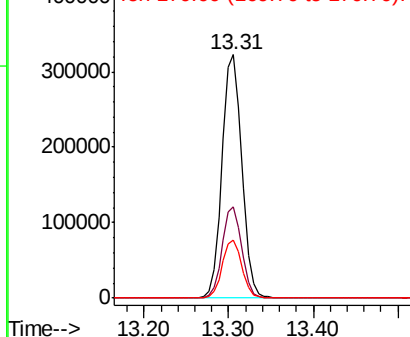


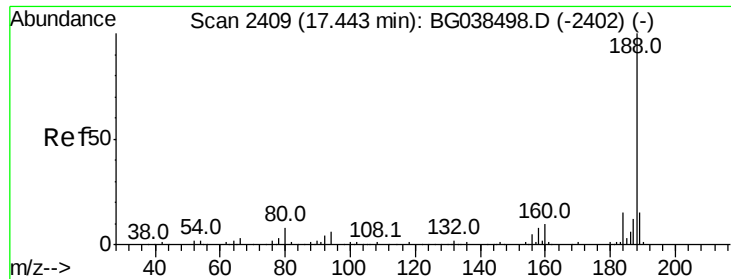
#45
 2-Fluorobiphenyl
 Concen: 89.879 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038908.D
 Acq: 3 Jan 2019 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.1	19.5	29.3



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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-A

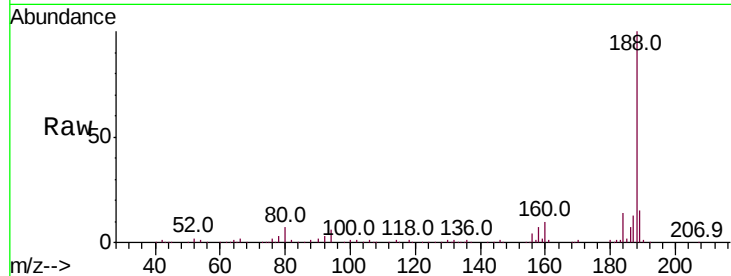
Tot Ion:188 Resp: 208766

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

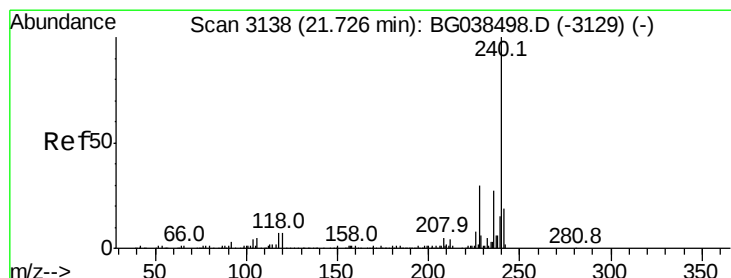
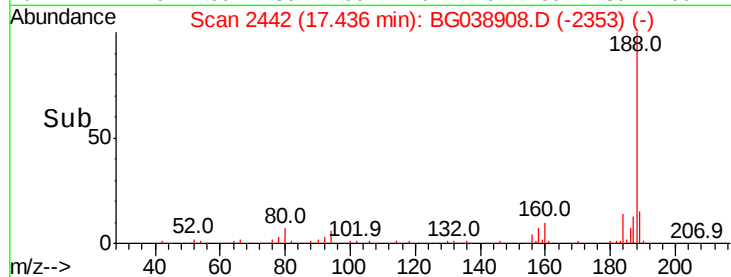
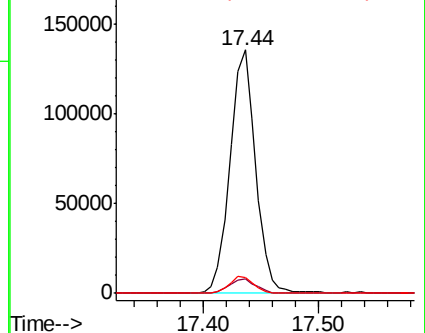
80 6.5 6.1 9.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

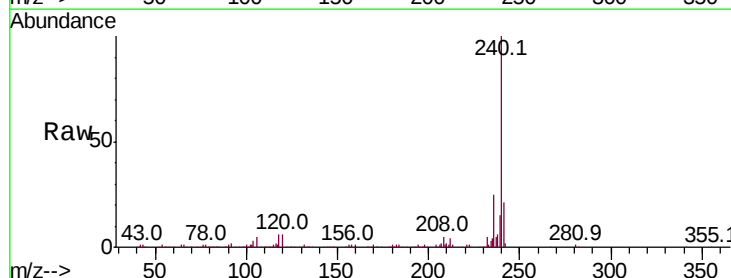
Tgt Ion:240 Resp: 210865

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

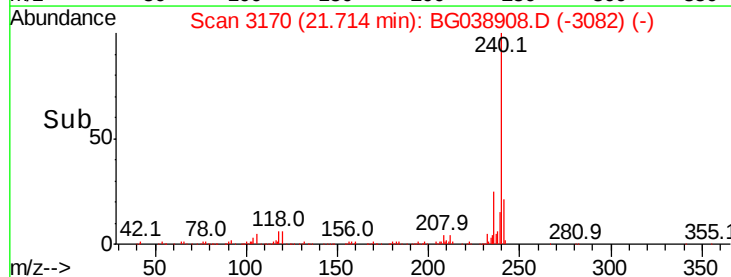
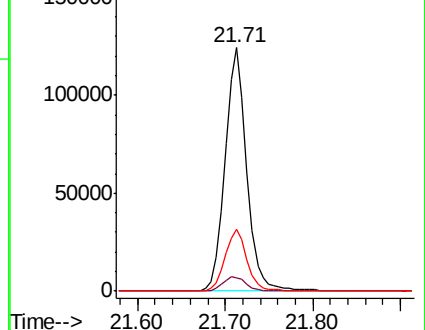
236 25.3 21.4 32.2



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: 105.751 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-A

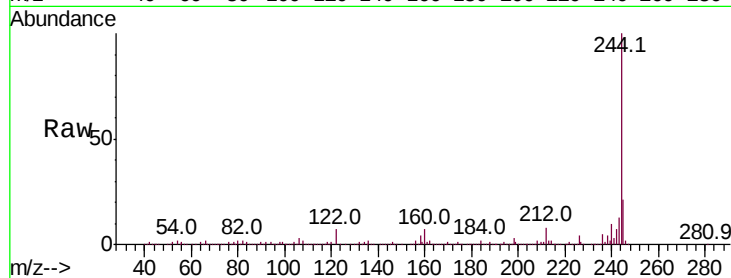
Tot Ion:244 Resp: 1024622

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

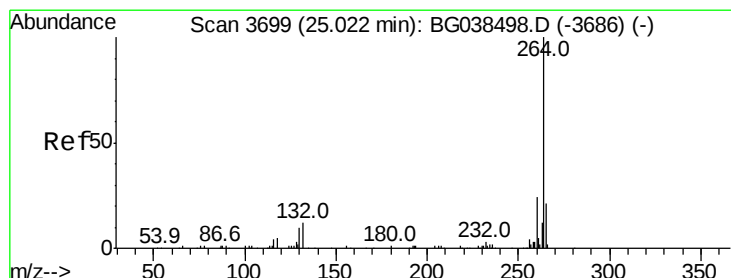
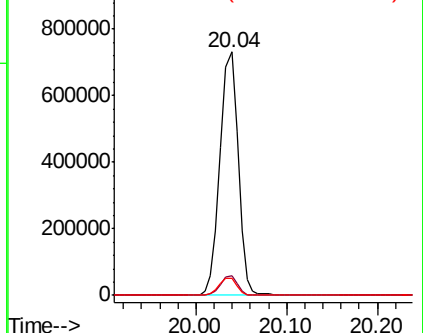
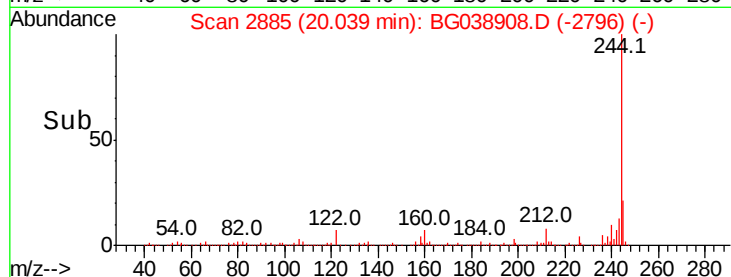
122 7.0 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038908.D

Acq: 3 Jan 2019 18:04

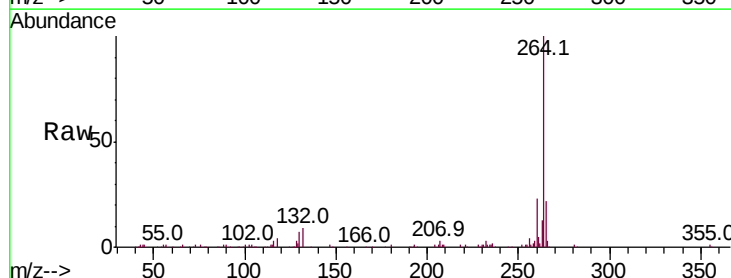
Tgt Ion:264 Resp: 218434

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.8 17.0 25.4



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

