

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038721.D
 Acq On : 19 Dec 2018 9:48
 Operator : JU/SJ
 Sample : J6398-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-02_121218

Quant Time: Dec 19 12:21:22 2018
 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	8.06	152	55563	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	220841	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	151417	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	374150	20.00	ng	0.00
76) Chrysene-d12	21.72	240	394610	20.00	ng	0.00
87) Perylene-d12	25.02	264	412620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	112856	36.03	ng	0.00
7) Phenol-d6	7.21	99	94479	21.97	ng	0.00
23) Nitrobenzene-d5	9.24	82	225999	52.28	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	182154	87.29	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	575821	52.17	ng	0.00
79) Terphenyl-d14	20.05	244	1042896	57.52	ng	0.00

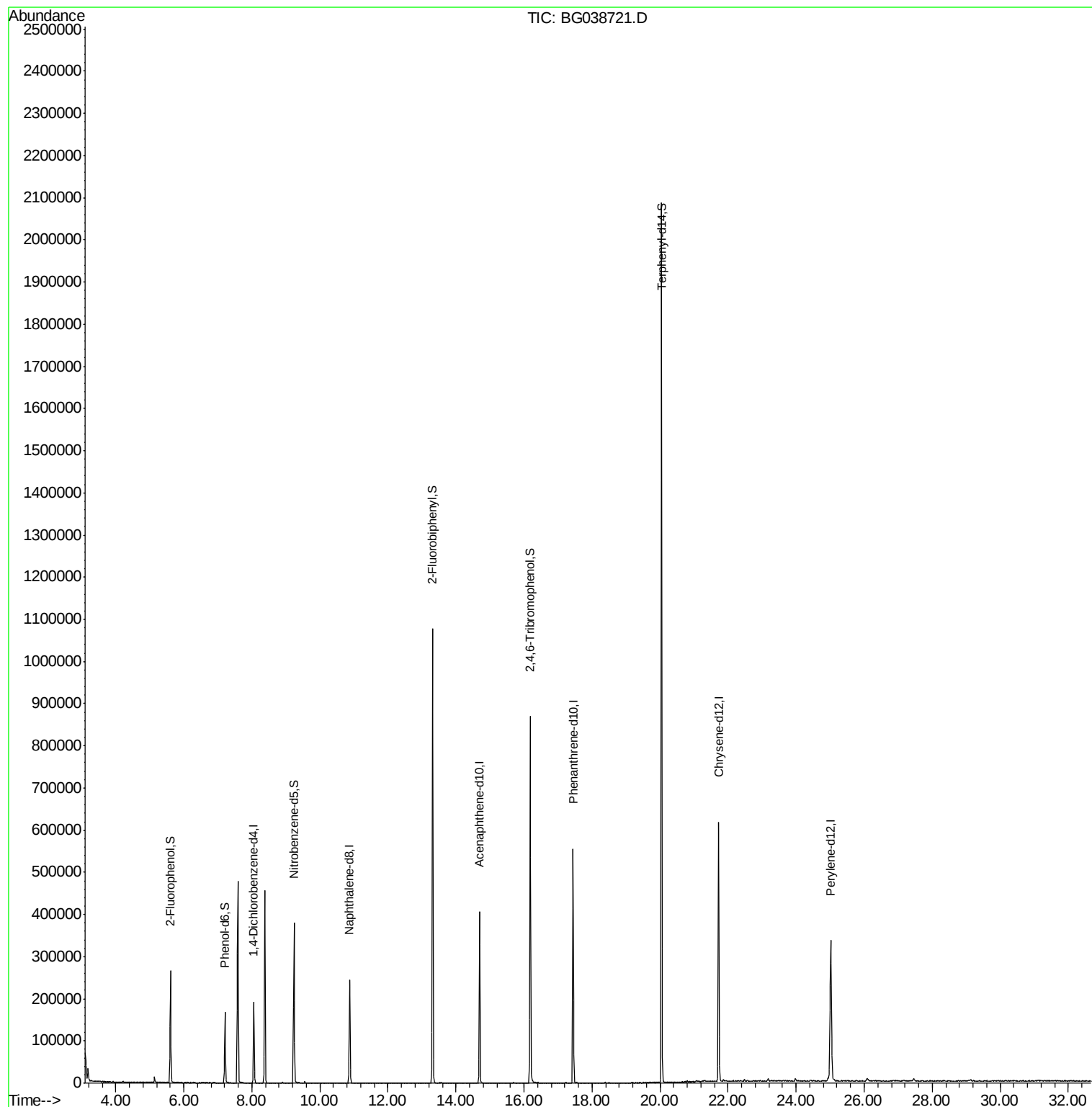
Target Compounds Qvalue

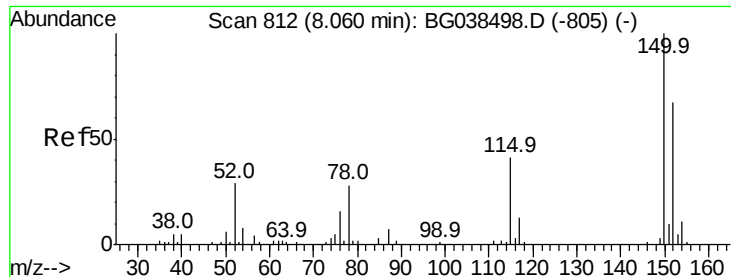
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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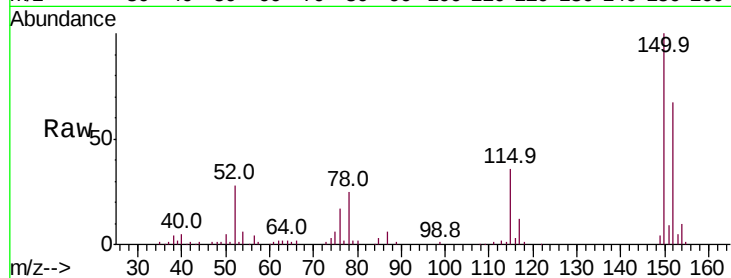


#1

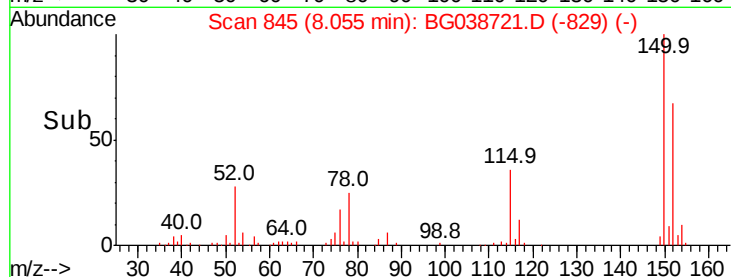
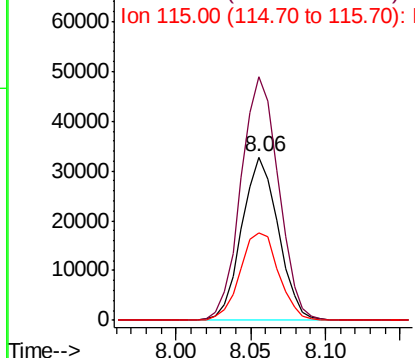
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038721.D
Acq: 19 Dec 2018 9:48

Instrument :
BNA_G
ClientSampleId :
FB-02_121218

Tot Ion:152 Resp: 55563
Ion Ratio Lower Upper
152 100
150 148.9 119.5 179.3
115 53.2 49.6 74.4



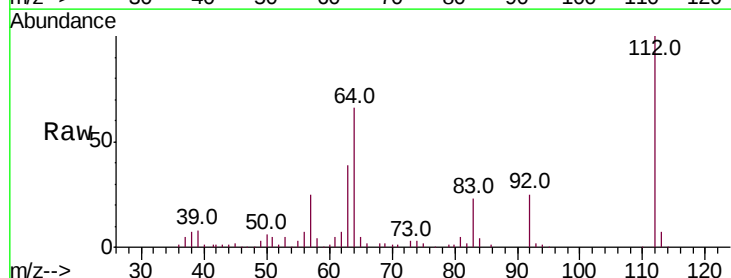
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



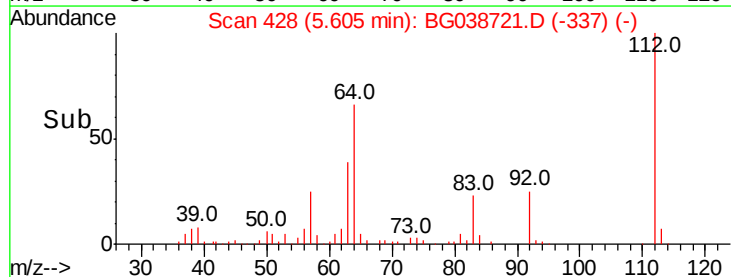
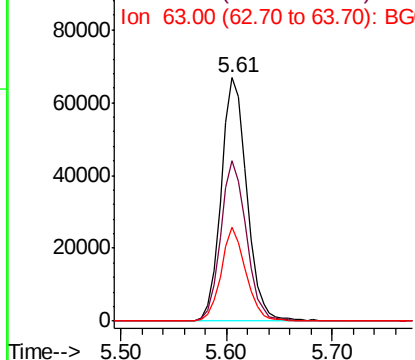
#5

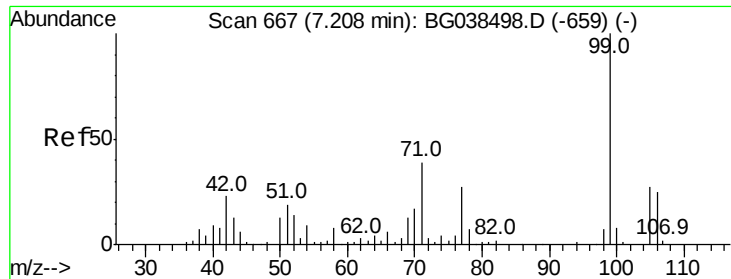
2-Fluorophenol
Concen: 36.025 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038721.D
Acq: 19 Dec 2018 9:48

Tgt Ion:112 Resp: 112856
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 38.7 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: 21.969 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

Instrument :

BNA_G

ClientSampleId :

FB-02 121218

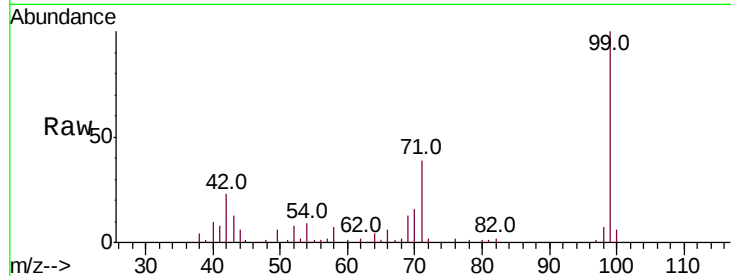
Tot Ion: 99 Resp: 94479

Ion Ratio Lower Upper

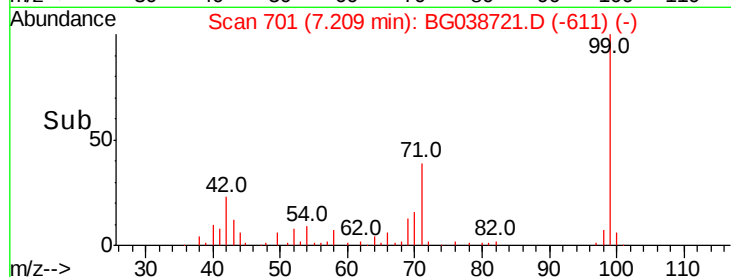
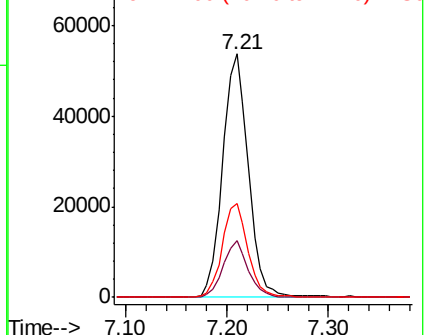
99 100

42 23.1 18.5 27.7

71 38.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

Tgt Ion: 136 Resp: 220841

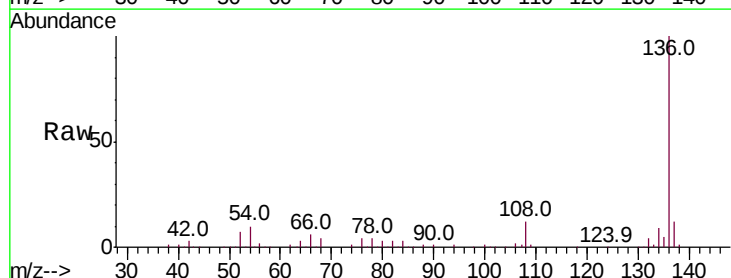
Ion Ratio Lower Upper

136 100

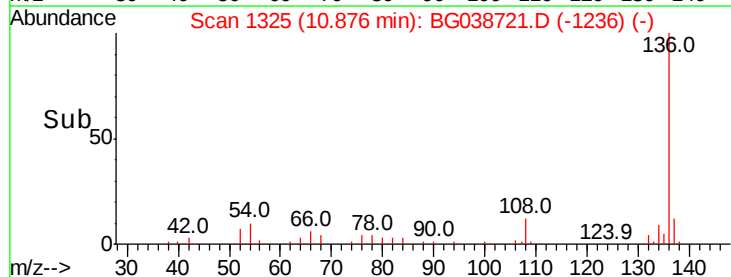
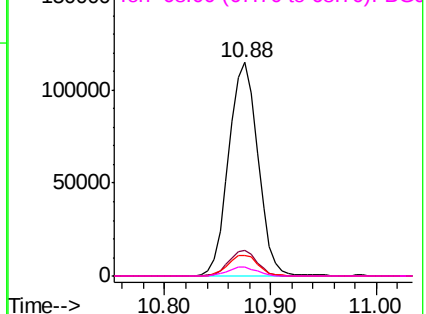
137 12.3 9.3 13.9

54 9.8 8.5 12.7

68 4.3 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





#23

Nitrobenzene-d5

Concen: 52.280 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

Instrument :

BNA_G

ClientSampleId :

FB-02 121218

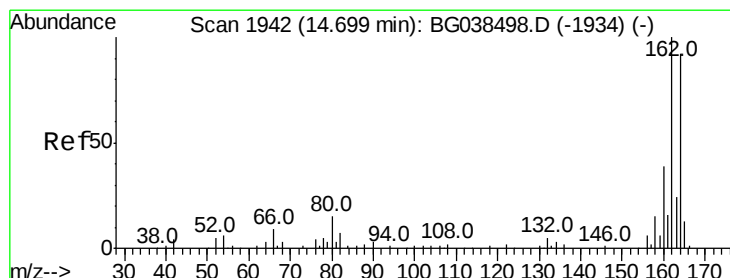
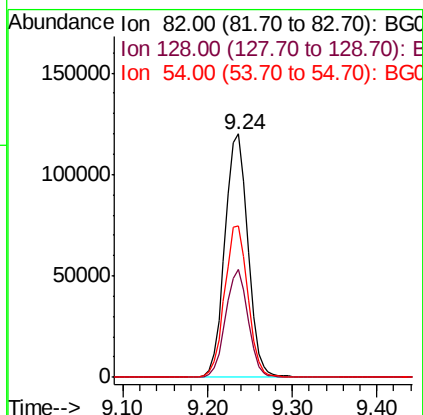
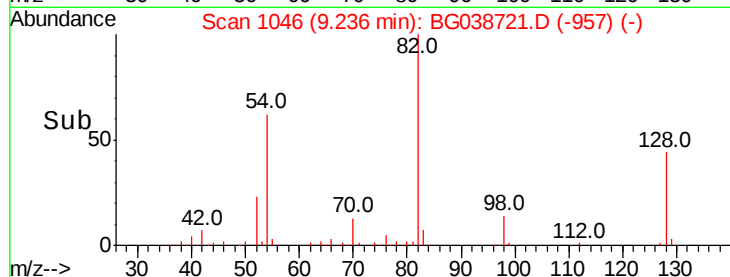
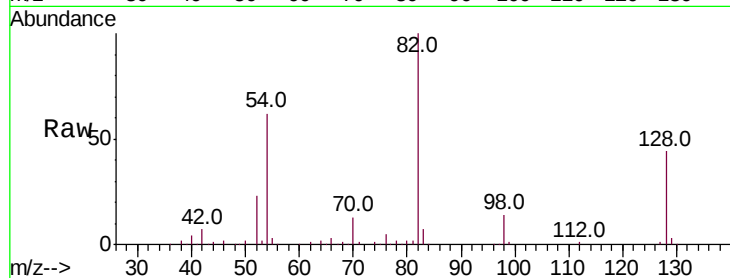
Tot Ion: 82 Resp: 225999

Ion Ratio Lower Upper

82 100

128 44.3 34.6 52.0

54 62.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

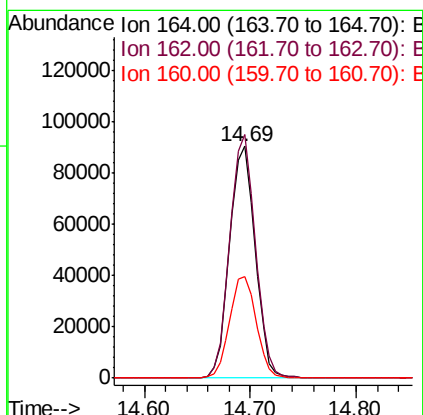
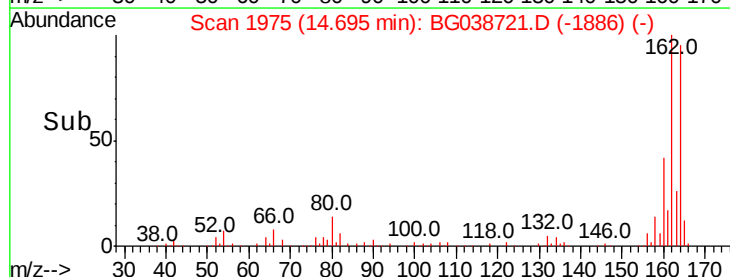
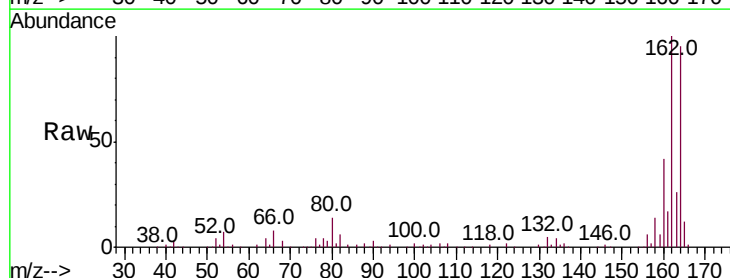
Tgt Ion: 164 Resp: 151417

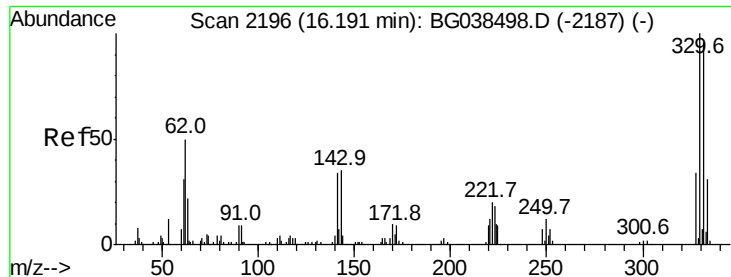
Ion Ratio Lower Upper

164 100

162 105.0 86.6 130.0

160 44.0 34.2 51.2

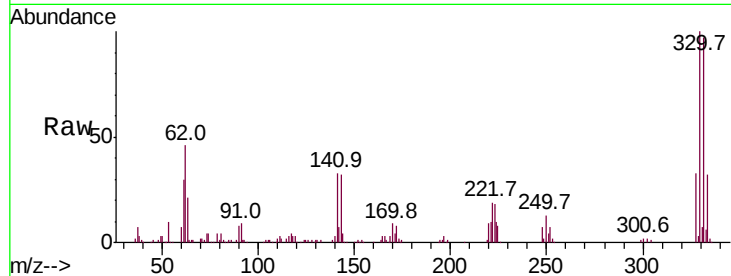




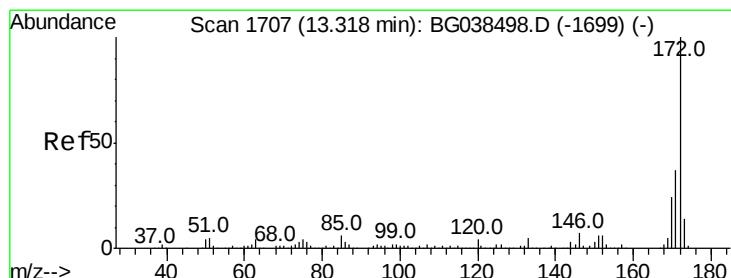
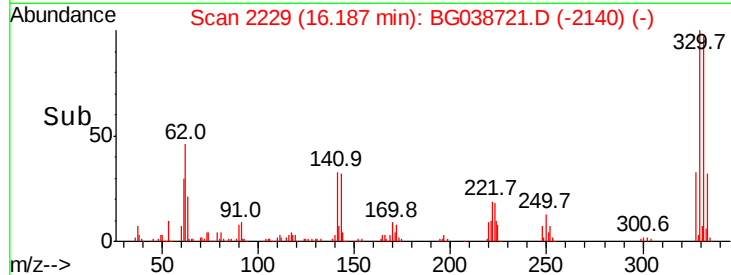
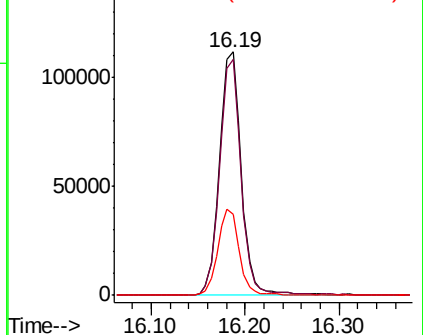
#42
 2,4,6-Tribromophenol
 Concen: 87.289 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038721.D
 Acq: 19 Dec 2018 9:48

Instrument :
 BNA_G
 ClientSampleId :
 FB-02_121218

Tot Ion:330 Resp: 182154
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 34.7 28.8 43.2

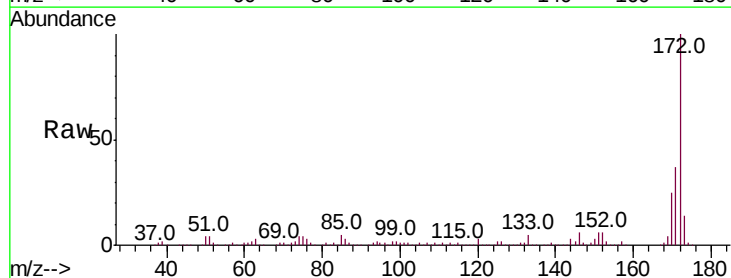


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

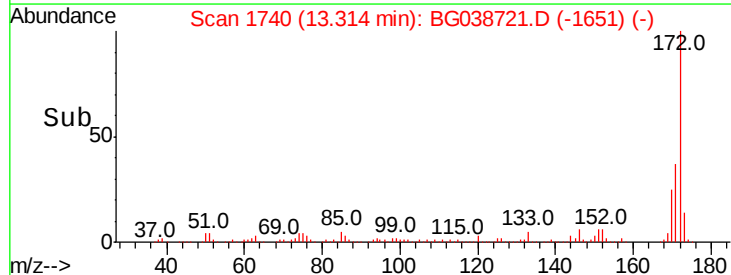
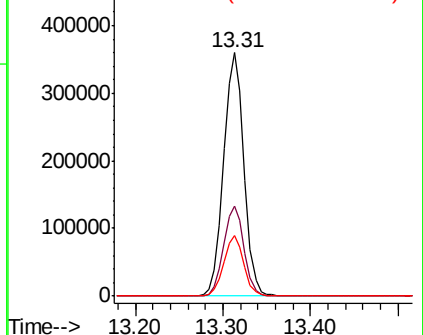


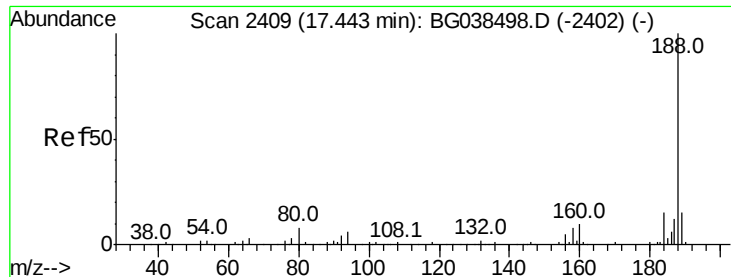
#45
 2-Fluorobiphenyl
 Concen: 52.170 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038721.D
 Acq: 19 Dec 2018 9:48

Tgt Ion:172 Resp: 575821
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 24.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 500000 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# 2443

Delta R.T. 0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

Instrument :

BNA_G

ClientSampleId :

FB-02 121218

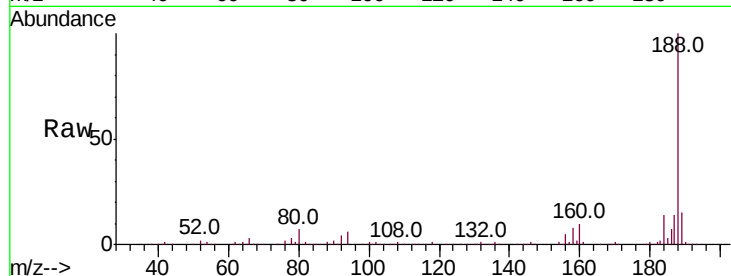
Tot Ion:188 Resp: 374150

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

80 6.8 6.1 9.1

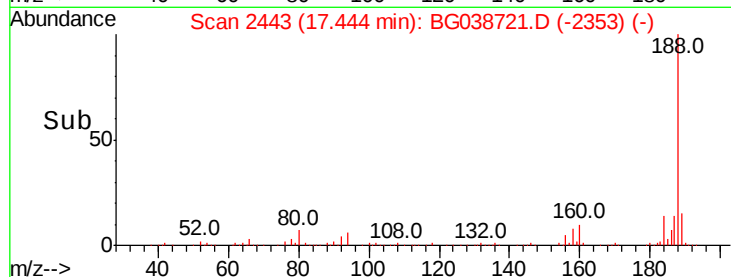


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

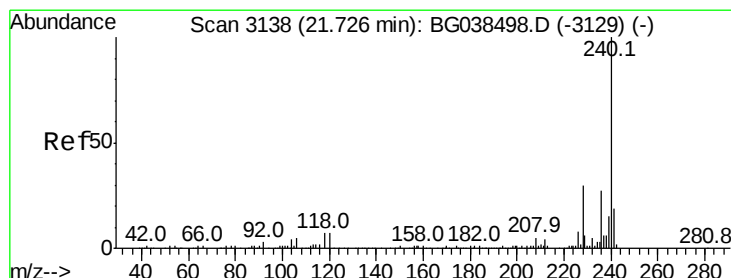
Ion 80.00 (79.70 to 80.70): BGC

Time-->



17.44

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

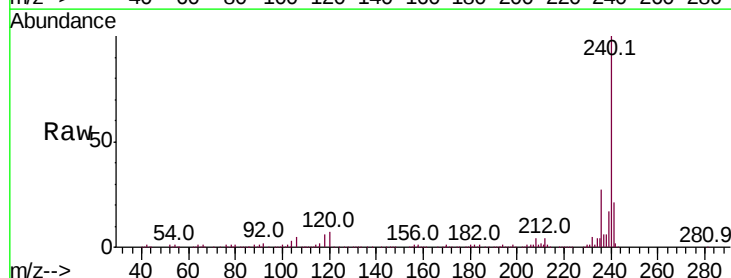
Tgt Ion:240 Resp: 394610

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

236 26.9 21.4 32.2

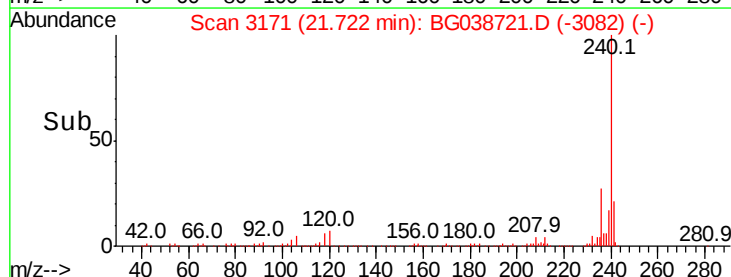


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

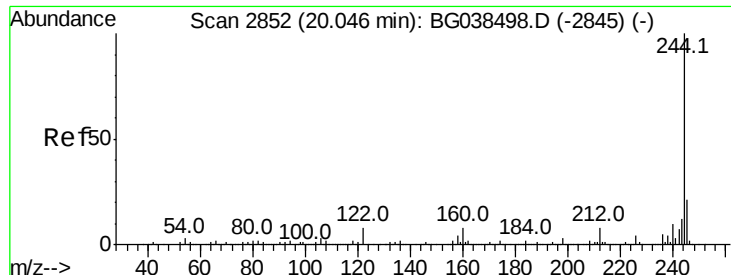
Ion 236.00 (235.70 to 236.70): E

Time-->



21.72

Time-->



#79

Terphenyl-d14

Concen: 57.517 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

Instrument :

BNA_G

ClientSampleId :

FB-02 121218

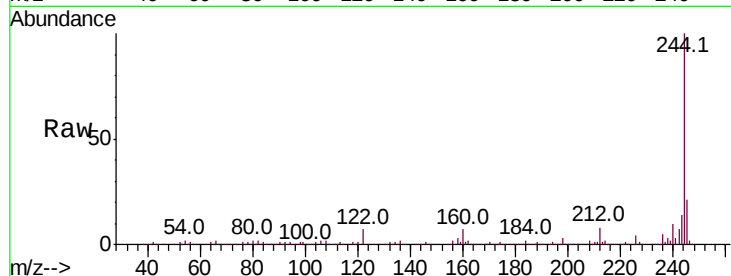
Tot Ion:244 Resp: 1042896

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

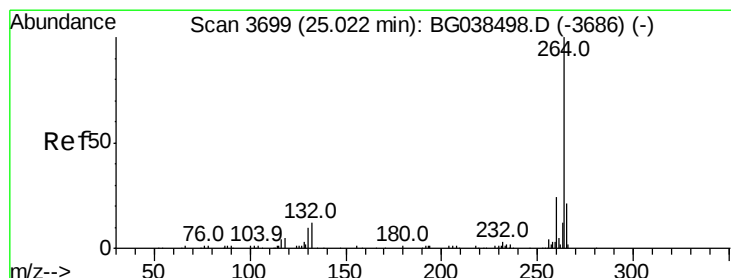
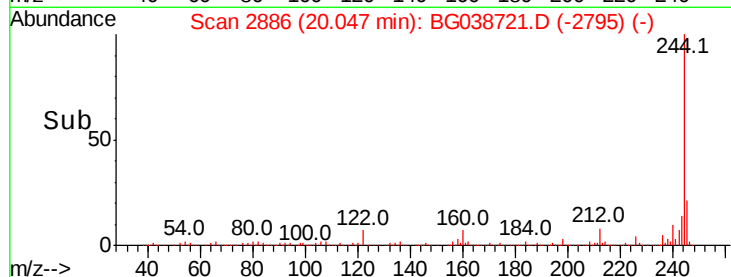
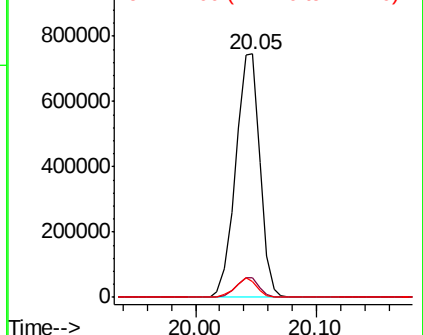
122 6.6 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038721.D

Acq: 19 Dec 2018 9:48

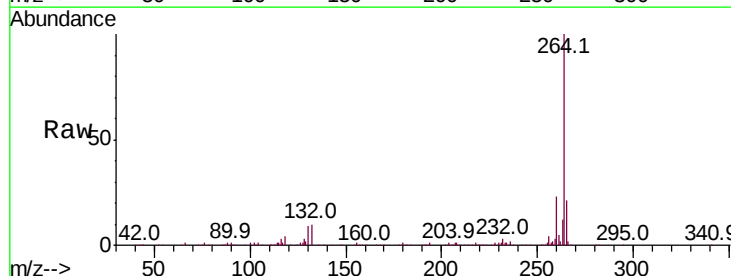
Tgt Ion:264 Resp: 412620

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.5 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

