

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038759.D
 Acq On : 20 Dec 2018 12:13
 Operator : JU/SJ
 Sample : PB115840TB
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115840TB

Quant Time: Dec 20 15:28:21 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	25428	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102462	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	70350	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	173055	20.00	ng	0.00
76) Chrysene-d12	21.71	240	179522	20.00	ng	-0.01
87) Perylene-d12	25.01	264	187665	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	161466	112.63	ng	0.00
7) Phenol-d6	7.21	99	219404	111.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	133580	66.60	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	99078	102.19	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	353804	68.99	ng	0.00
79) Terphenyl-d14	20.04	244	654217	79.31	ng	0.00

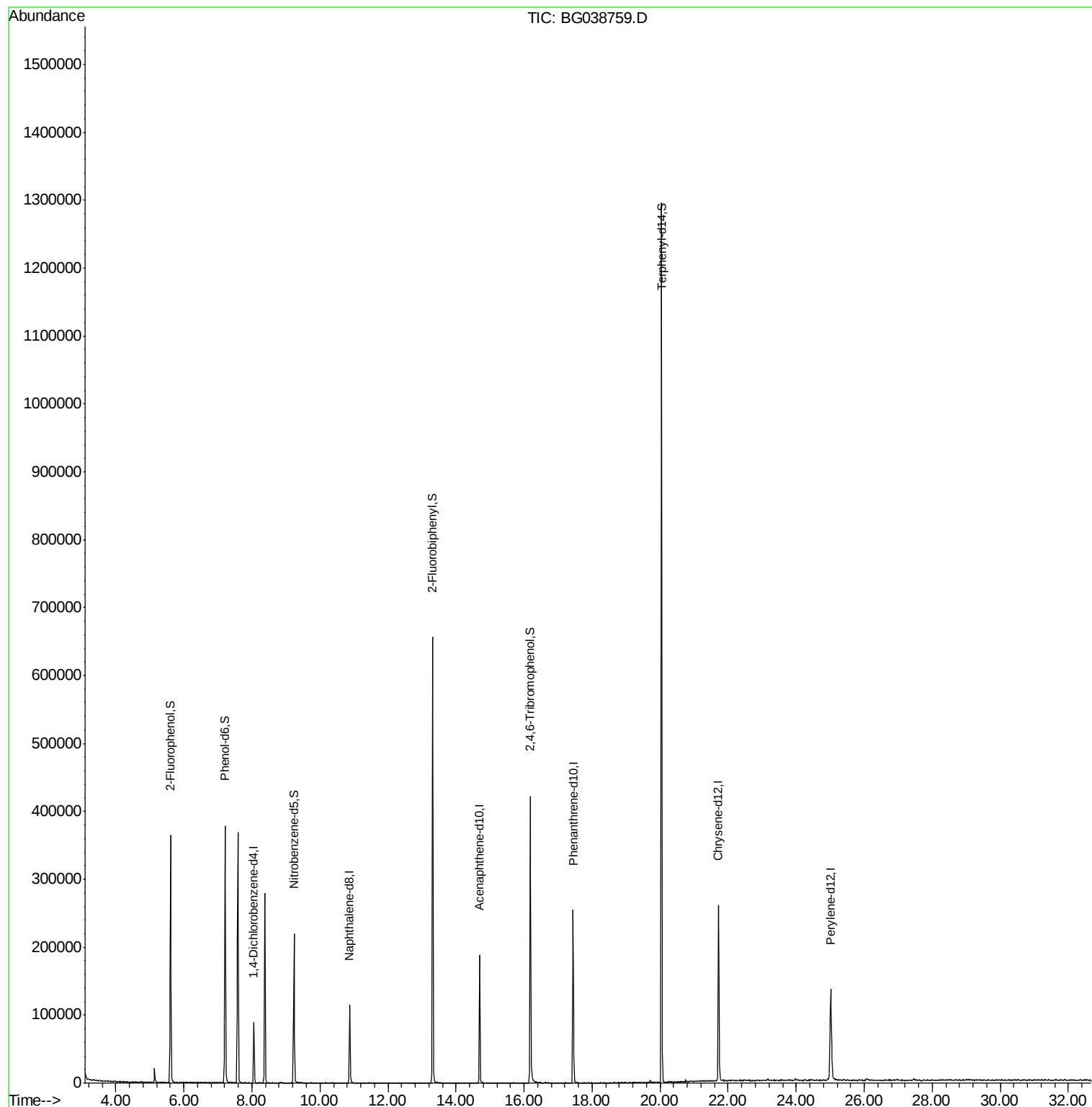
Target Compounds Qvalue

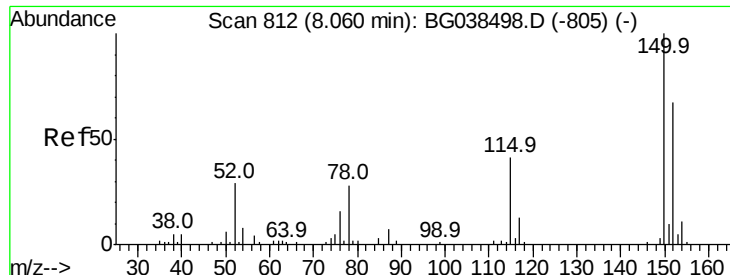
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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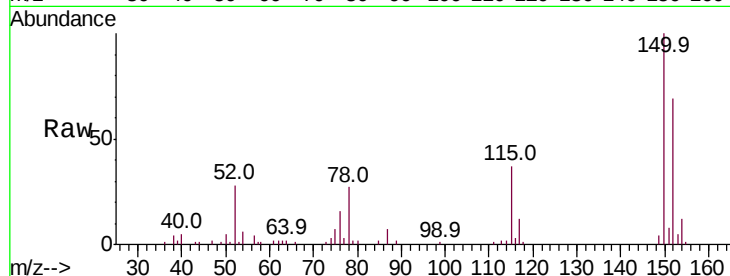


#1

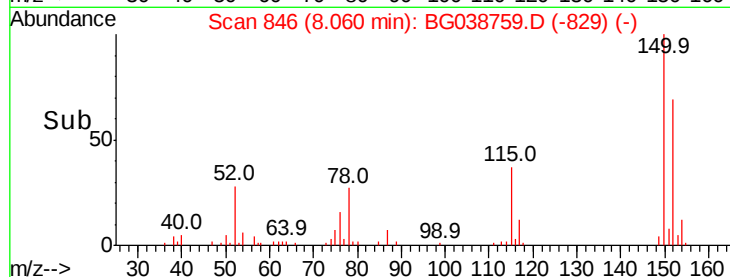
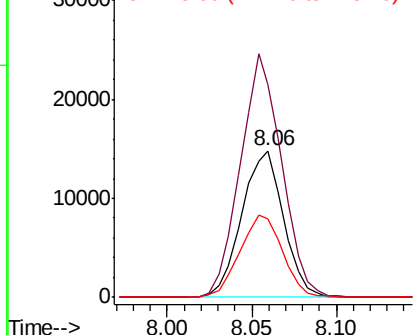
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038759.D
Acq: 20 Dec 2018 12:13

Instrument :
BNA_G
ClientSampleId :
PB115840TB

Tot Ion:152 Resp: 25428
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 53.4 49.6 74.4



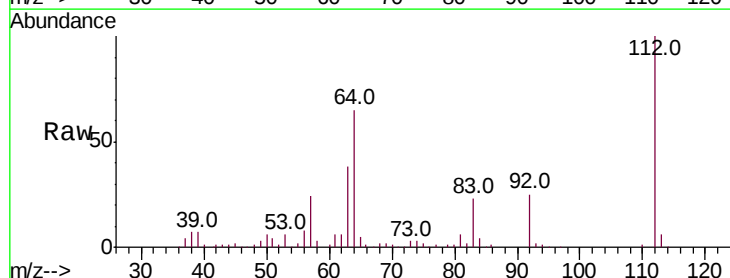
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



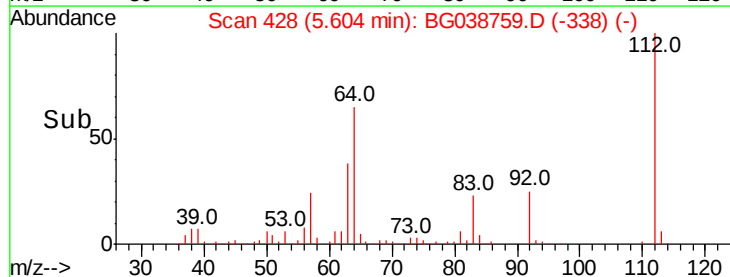
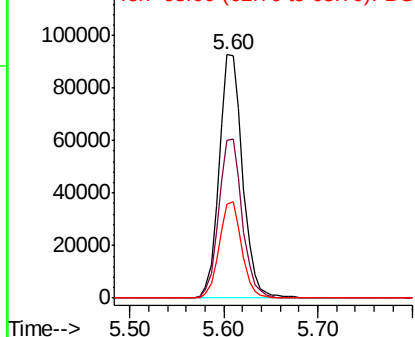
#5

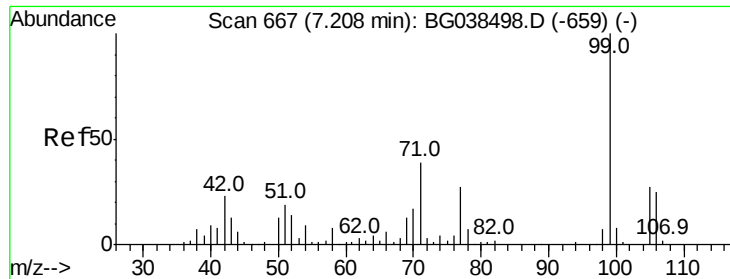
2-Fluorophenol
Concen: 112.626 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038759.D
Acq: 20 Dec 2018 12:13

Tgt Ion:112 Resp: 161466
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 38.4 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: 111.479 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038759.D

Acq: 20 Dec 2018 12:13

Instrument :

BNA_G

ClientSampleId :

PB115840TB

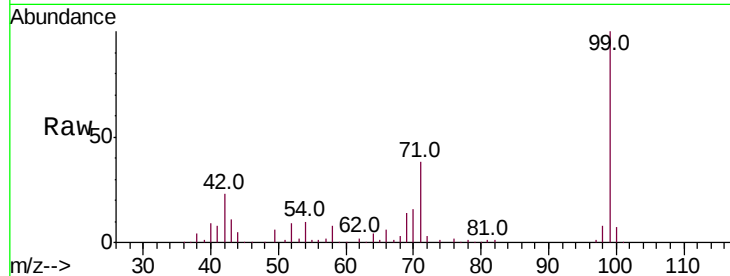
Tot Ion: 99 Resp: 219404

Ion Ratio Lower Upper

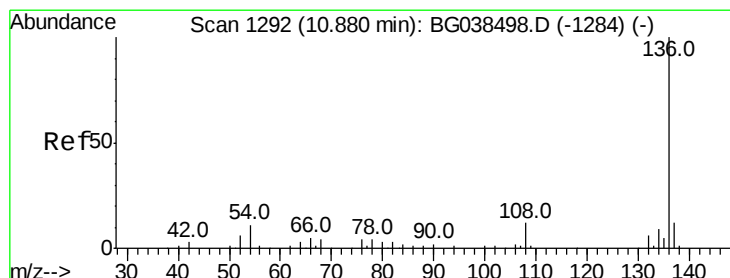
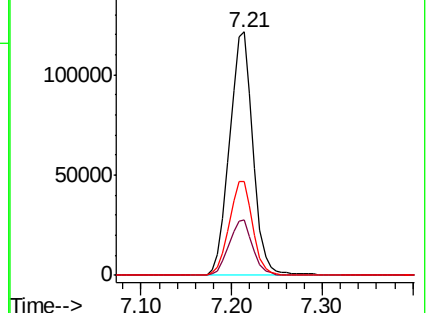
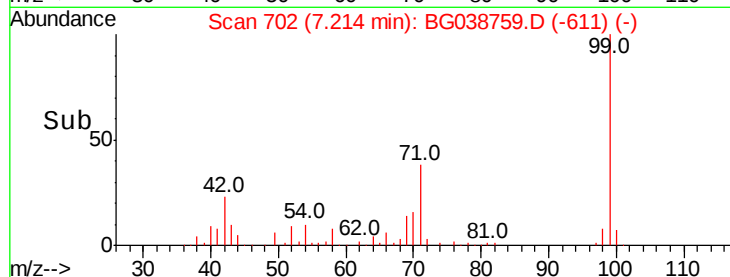
99 100

42 22.6 18.5 27.7

71 38.5 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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038759.D

Acq: 20 Dec 2018 12:13

Tgt Ion: 136 Resp: 102462

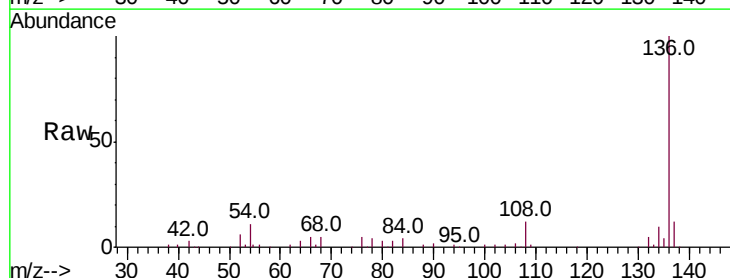
Ion Ratio Lower Upper

136 100

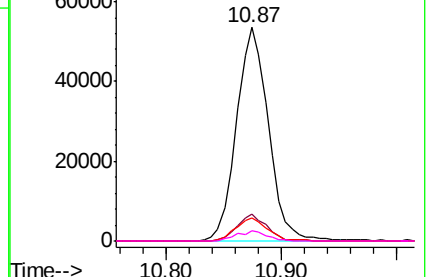
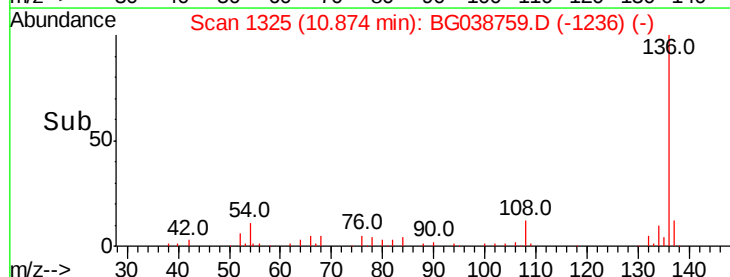
137 12.4 9.3 13.9

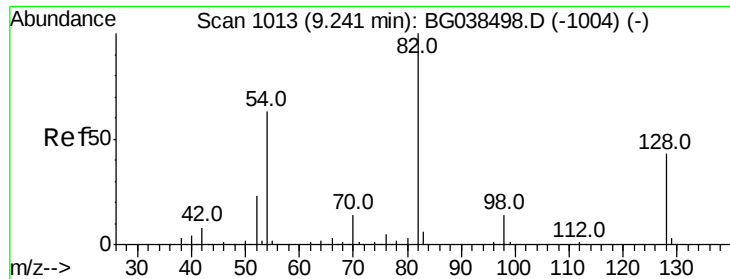
54 11.4 8.5 12.7

68 4.6 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

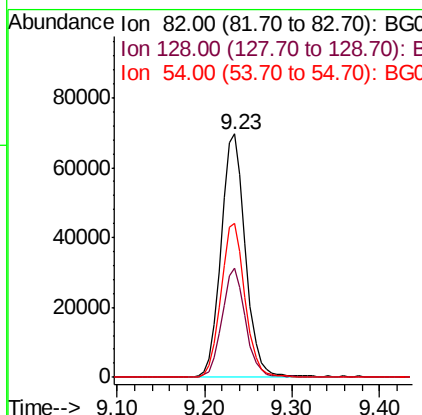
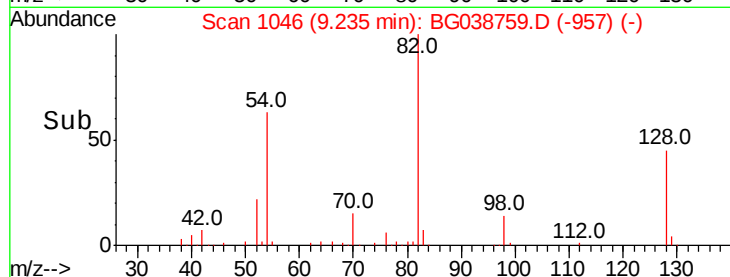
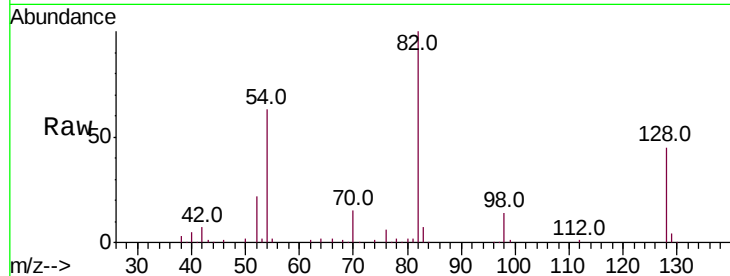




#23
 Nitrobenzene-d5
 Concen: 66.602 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038759.D
 Acq: 20 Dec 2018 12:13

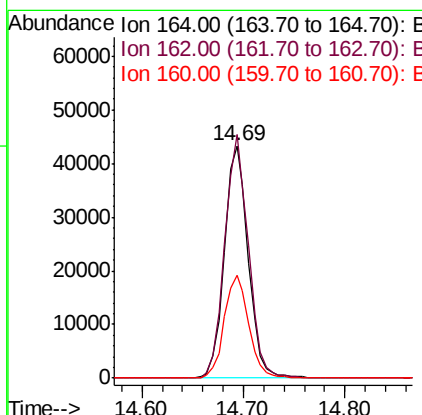
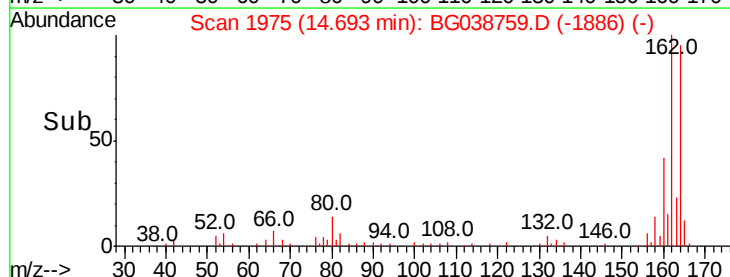
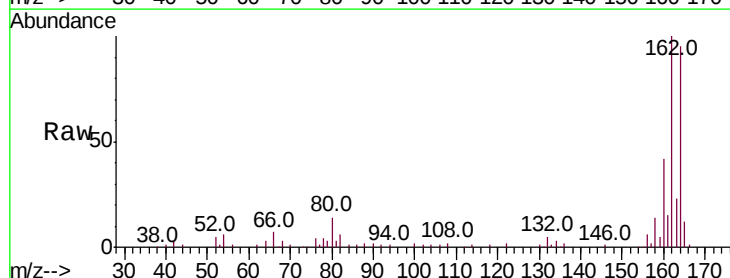
Instrument :
 BNA_G
 ClientSampleId :
 PB115840TB

Tot Ion: 82 Resp: 133580
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 52.0
 54 63.1 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038759.D
 Acq: 20 Dec 2018 12:13

Tgt Ion:164 Resp: 70350
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.6 130.0
 160 44.0 34.2 51.2

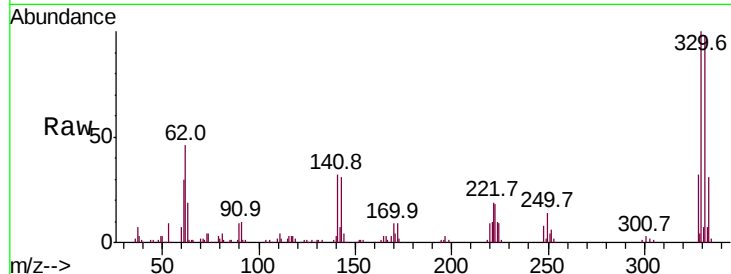




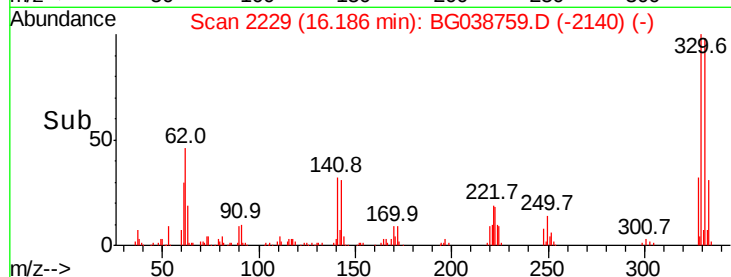
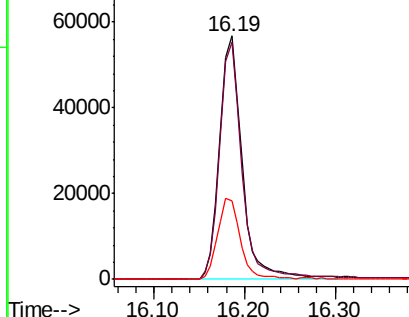
#42
 2,4,6-Tribromophenol
 Concen: 102.190 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038759.D
 Acq: 20 Dec 2018 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB115840TB

Tot Ion:330 Resp: 99078
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.9 115.3
 141 33.8 28.8 43.2

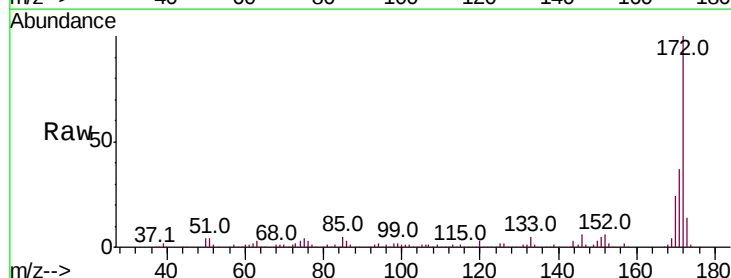


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

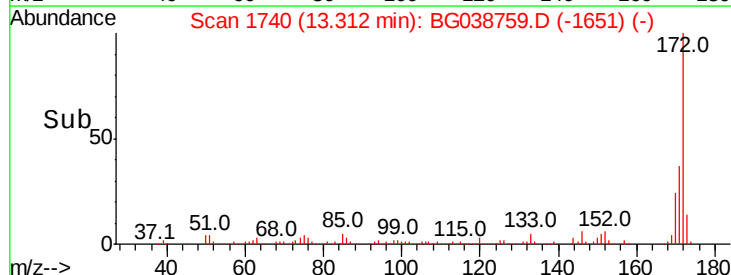
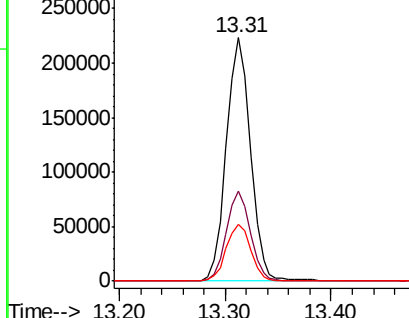


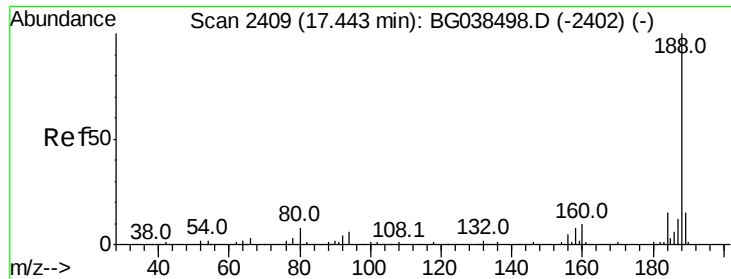
#45
 2-Fluorobiphenyl
 Concen: 68.993 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038759.D
 Acq: 20 Dec 2018 12:13

Tgt Ion:172 Resp: 353804
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 23.5 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

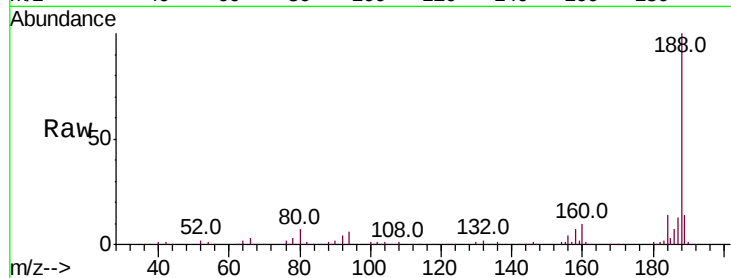




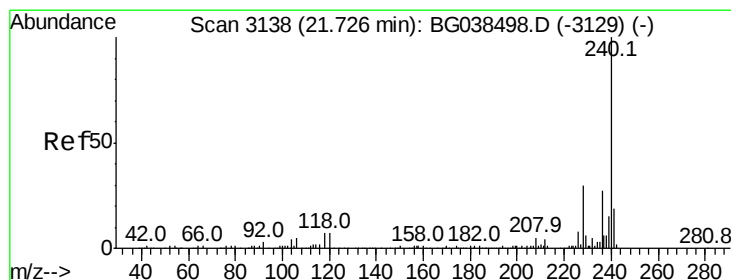
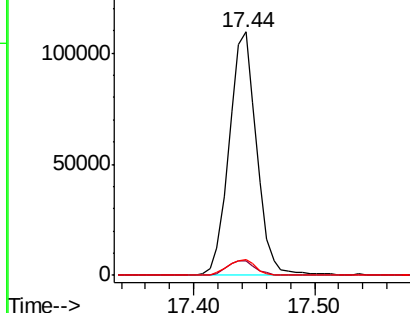
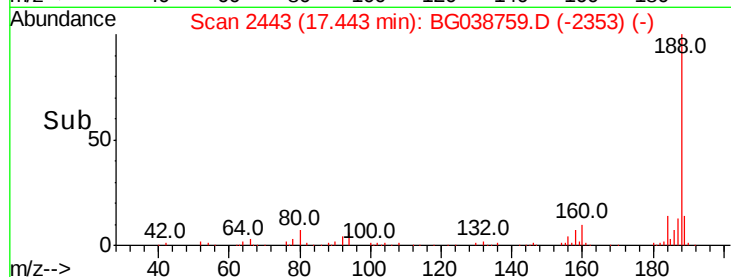
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038759.D
 Acq: 20 Dec 2018 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB115840TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.7	6.1	9.1

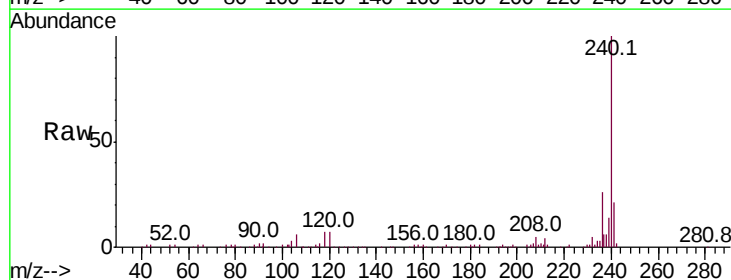


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

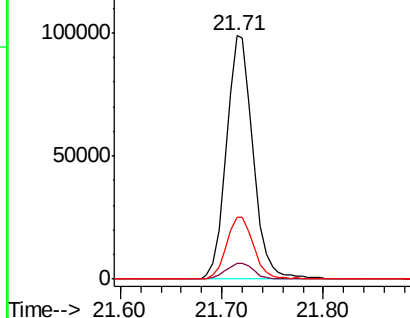
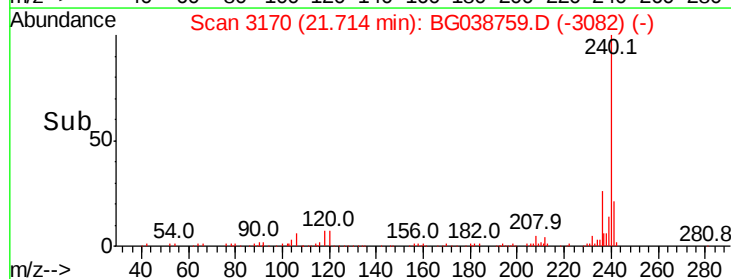


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038759.D
 Acq: 20 Dec 2018 12:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.3	7.9
236	25.5	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: 79.310 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038759.D

Acq: 20 Dec 2018 12:13

Instrument :

BNA_G

ClientSampleId :

PB115840TB

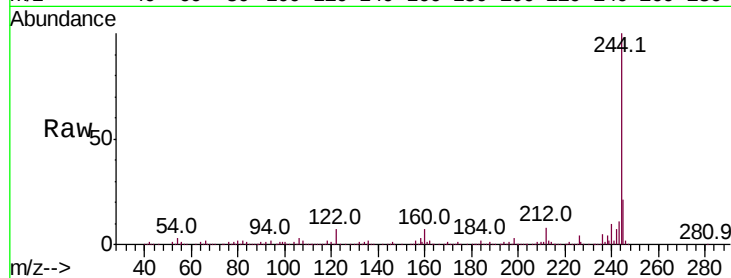
Tot Ion:244 Resp: 654217

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

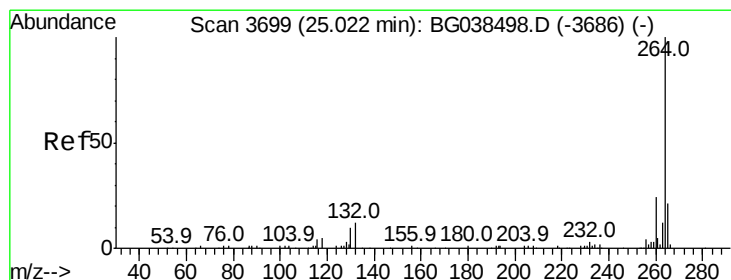
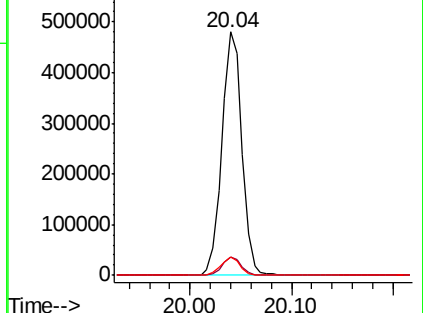
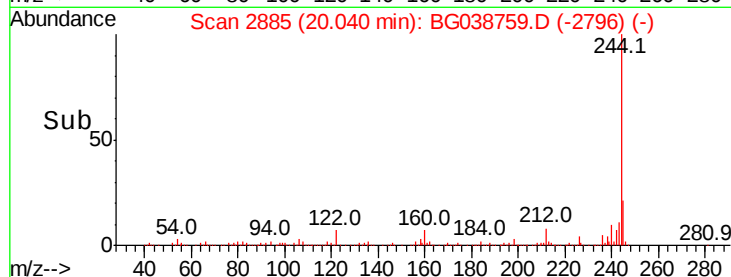
122 7.4 6.3 9.5



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: BG038759.D

Acq: 20 Dec 2018 12:13

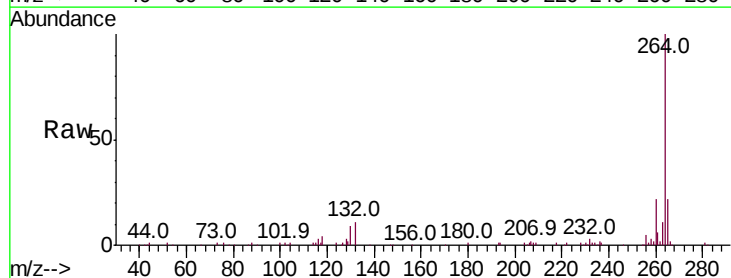
Tgt Ion:264 Resp: 187665

Ion Ratio Lower Upper

264 100

260 21.8 18.9 28.3

265 22.4 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

