

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038818.D
 Acq On : 22 Dec 2018 15:15
 Operator : JU/SJ
 Sample : J6200-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-122018

Quant Time: Dec 24 04:18:22 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	29835	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	130258	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	87363	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	200531	20.00	ng	0.00
76) Chrysene-d12	21.72	240	191508	20.00	ng	0.00
87) Perylene-d12	25.03	264	202182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	231233	137.47	ng	0.01
7) Phenol-d6	7.22	99	298358	129.20	ng	0.02
23) Nitrobenzene-d5	9.24	82	234529	91.98	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	171285	142.26	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	633717	99.51	ng	0.00
79) Terphenyl-d14	20.05	244	1013970	115.23	ng	0.00

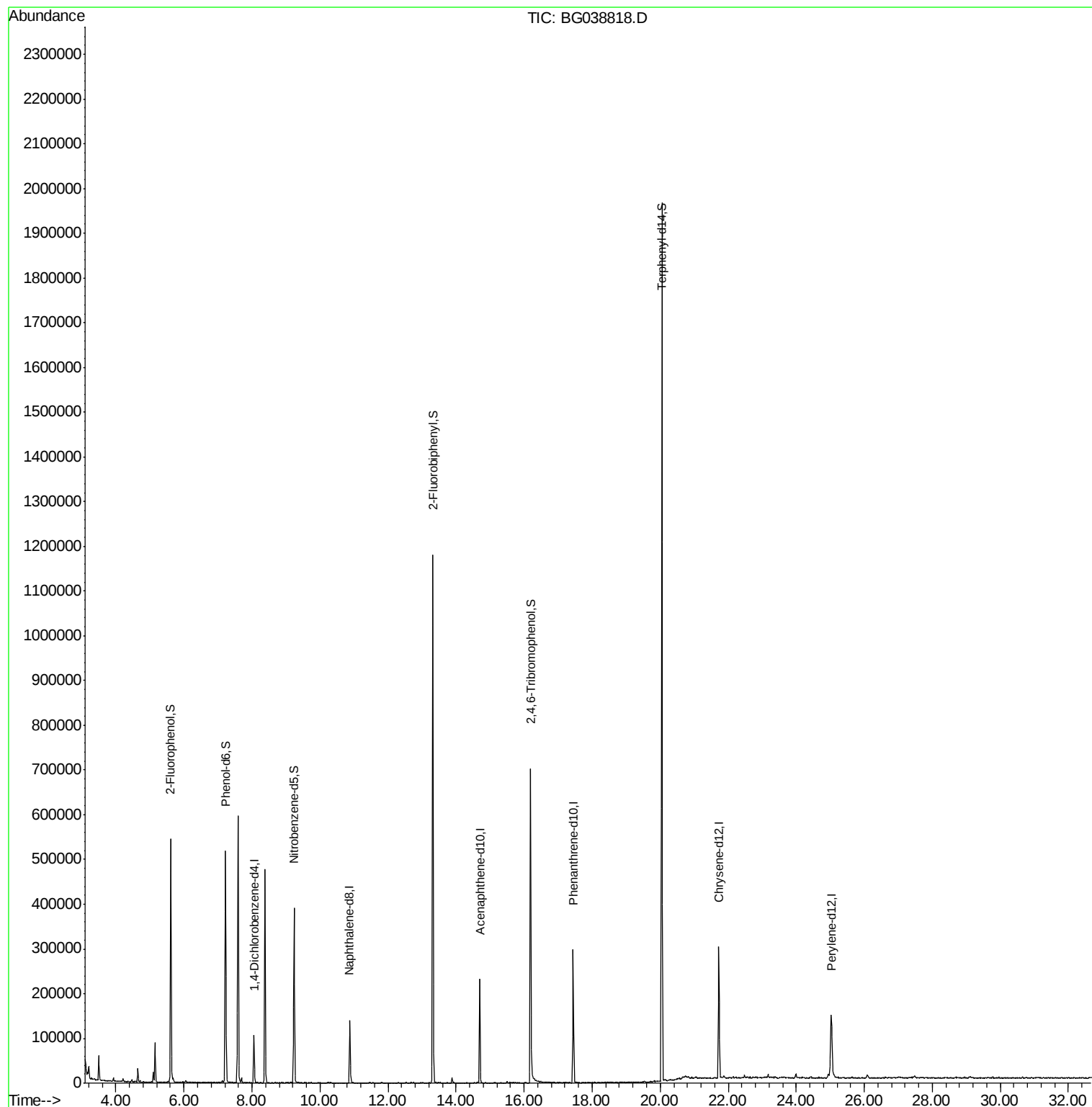
Target Compounds Qvalue

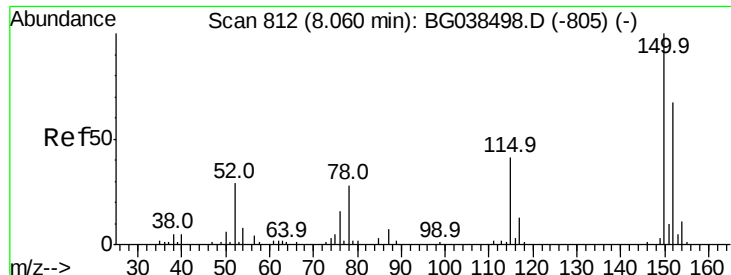
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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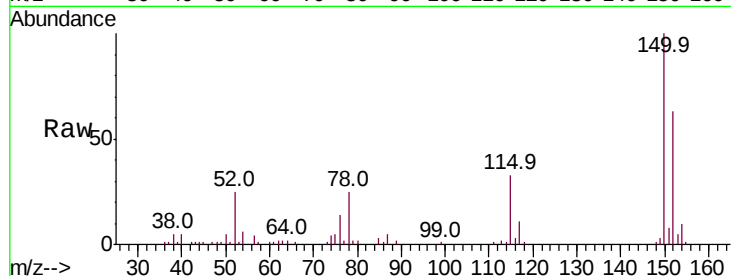


#1

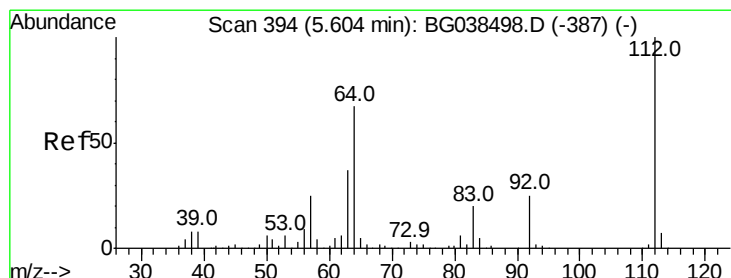
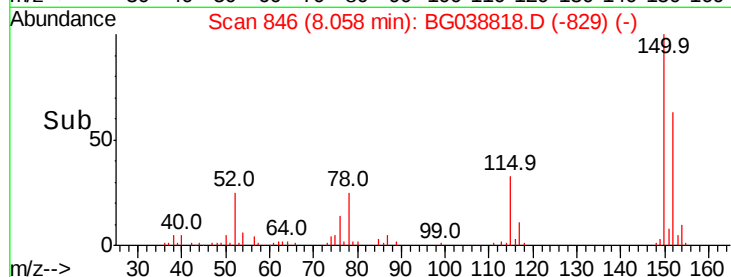
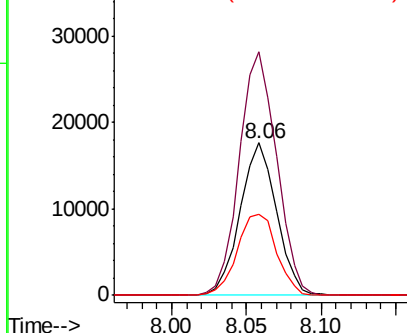
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038818.D
Acq: 22 Dec 2018 15:15

Instrument :
BNA_G
ClientSampleId :
TR-05-122018

Tot Ion:152 Resp: 29835
Ion Ratio Lower Upper
152 100
150 159.9 119.5 179.3
115 53.1 49.6 74.4



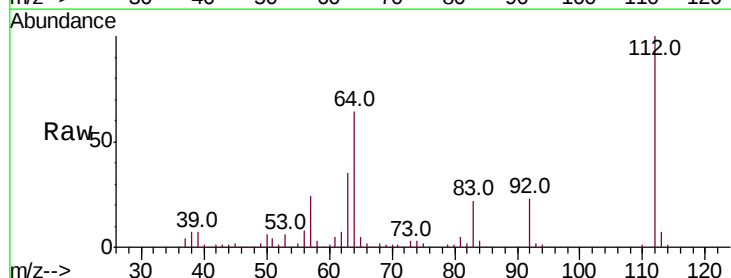
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



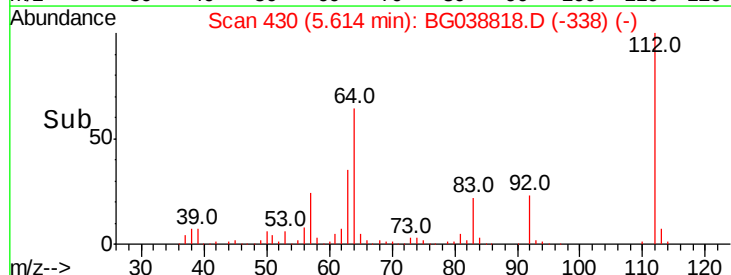
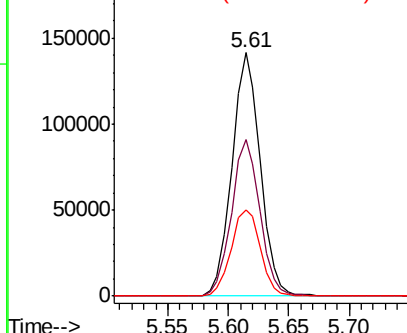
#5

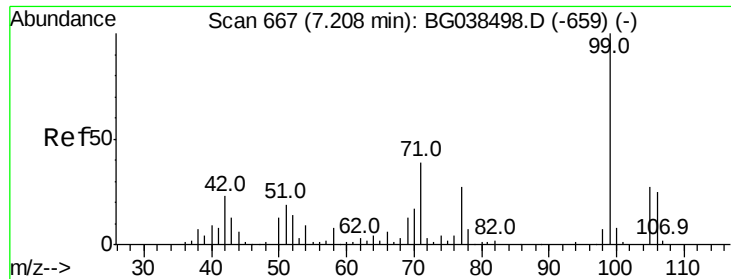
2-Fluorophenol
Concen: 137.465 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038818.D
Acq: 22 Dec 2018 15:15

Tgt Ion:112 Resp: 231233
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 35.3 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: 129.202 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038818.D

Acq: 22 Dec 2018 15:15

Instrument :

BNA_G

ClientSampleId :

TR-05-122018

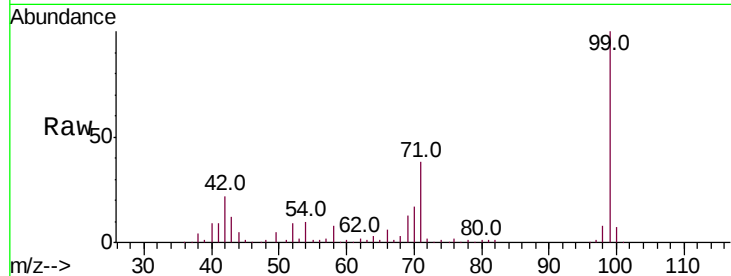
Tot Ion: 99 Resp: 298358

Ion Ratio Lower Upper

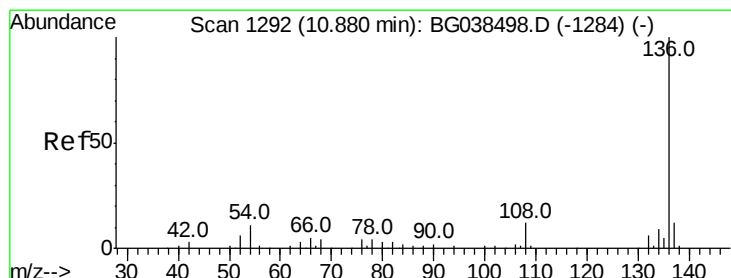
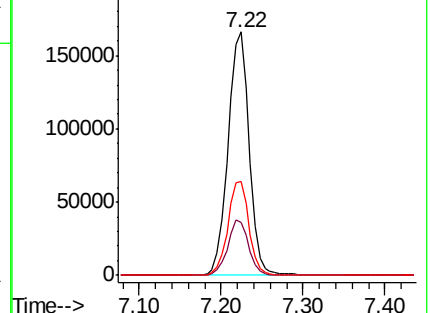
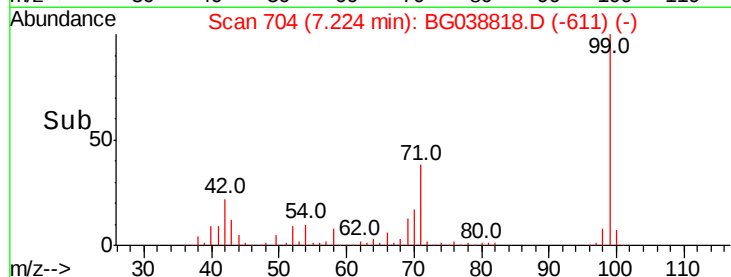
99 100

42 21.8 18.5 27.7

71 38.4 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: BG038818.D

Acq: 22 Dec 2018 15:15

Tgt Ion: 136 Resp: 130258

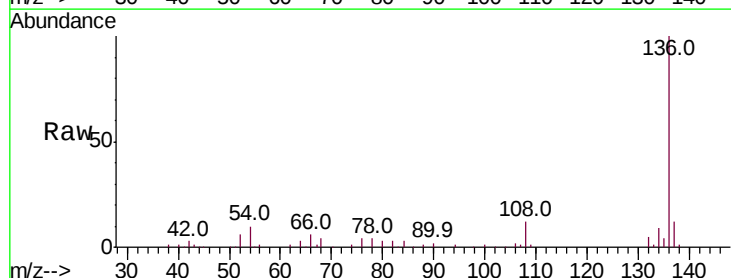
Ion Ratio Lower Upper

136 100

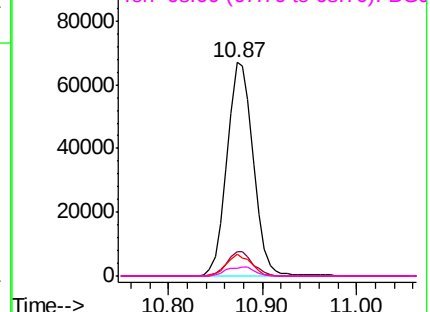
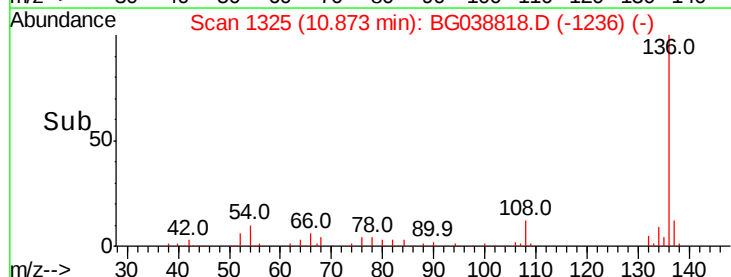
137 11.6 9.3 13.9

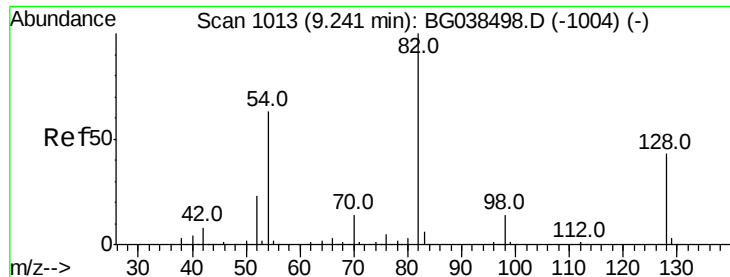
54 10.1 8.5 12.7

68 3.5 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

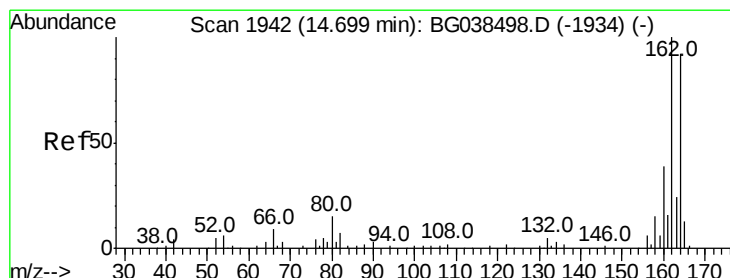
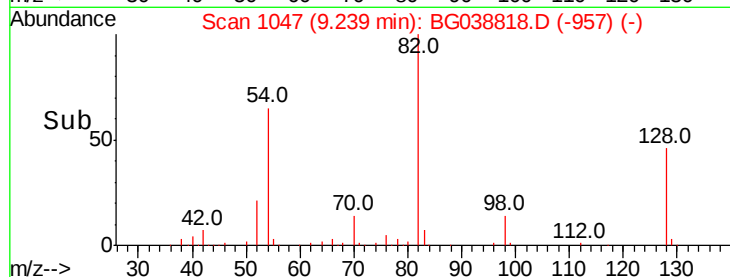
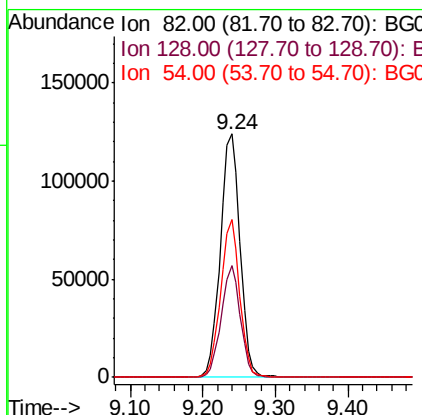
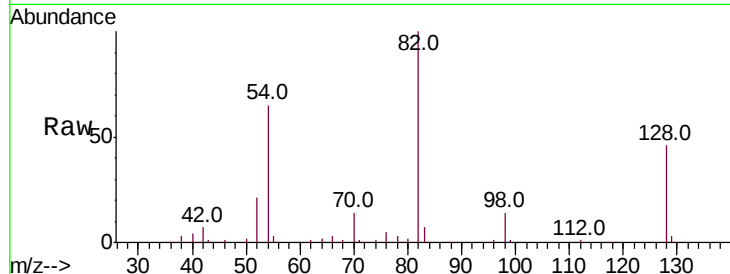




#23
Nitrobenzene-d5
Concen: 91.982 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038818.D
Acq: 22 Dec 2018 15:15

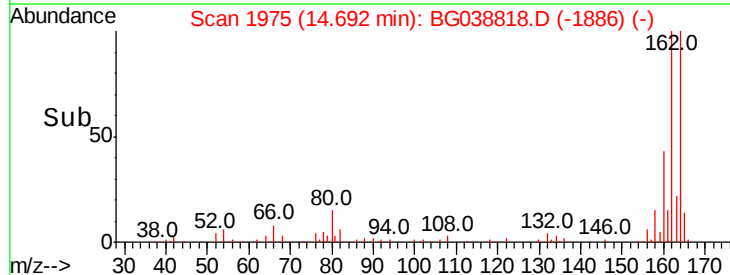
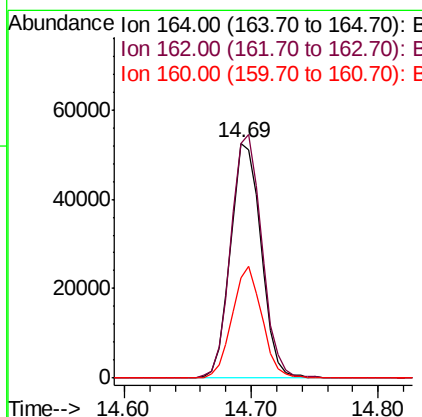
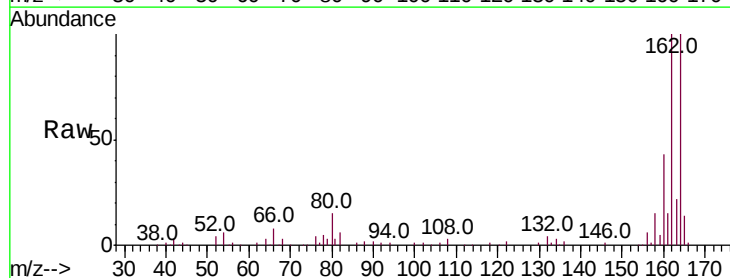
Instrument :
BNA_G
ClientSampleId :
TR-05-122018

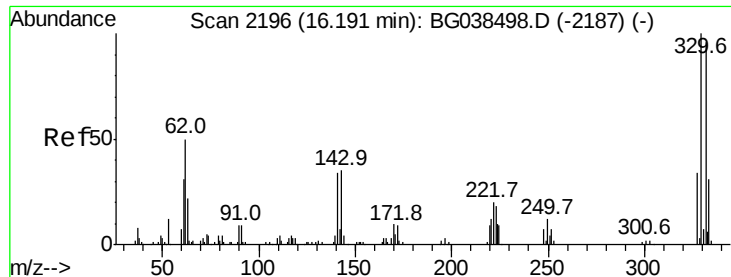
Tot Ion: 82 Resp: 234529
Ion Ratio Lower Upper
82 100
128 45.9 34.6 52.0
54 65.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038818.D
Acq: 22 Dec 2018 15:15

Tgt Ion: 164 Resp: 87363
Ion Ratio Lower Upper
164 100
162 99.6 86.6 130.0
160 42.8 34.2 51.2

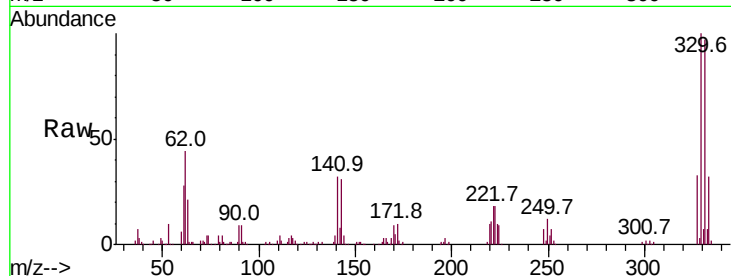




#42
 2,4,6-Tribromophenol
 Concen: 142.261 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038818.D
 Acq: 22 Dec 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-122018

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	31.9	28.8	43.2

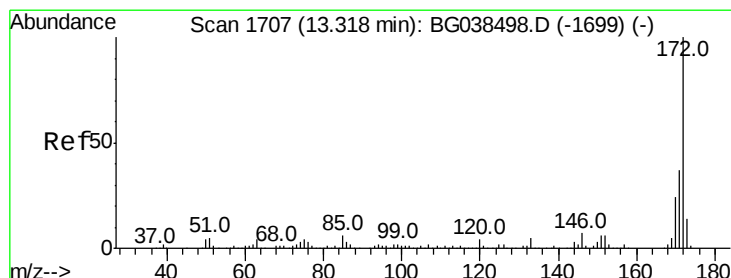
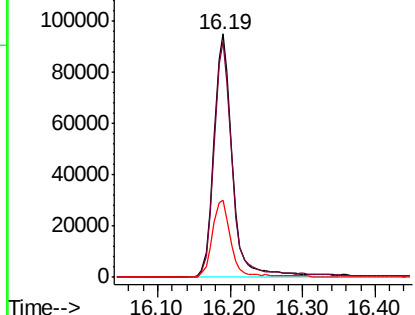
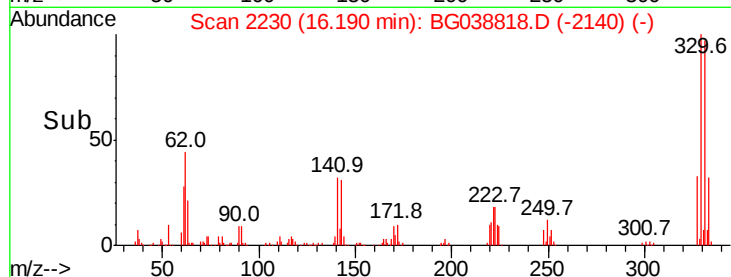


Abundance

Ion 329.80 (329.50 to 330.50): E

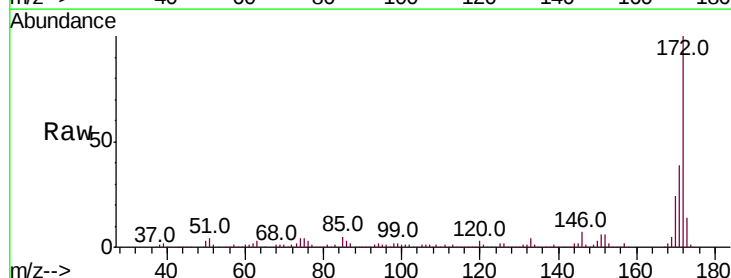
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.512 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038818.D
 Acq: 22 Dec 2018 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.8	44.6
170	24.5	19.5	29.3

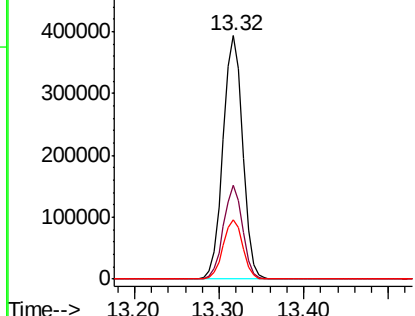
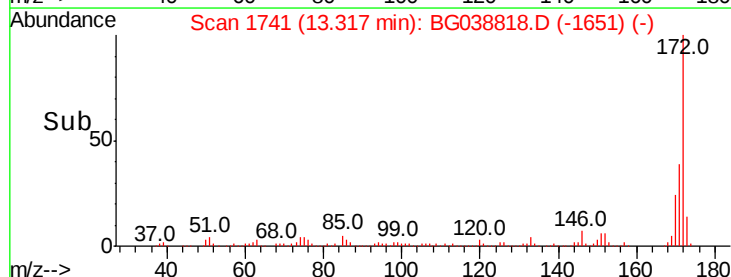


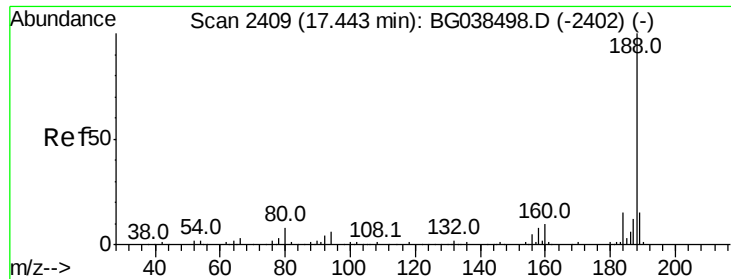
Abundance

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: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038818.D

Acq: 22 Dec 2018 15:15

Instrument :

BNA_G

ClientSampleId :

TR-05-122018

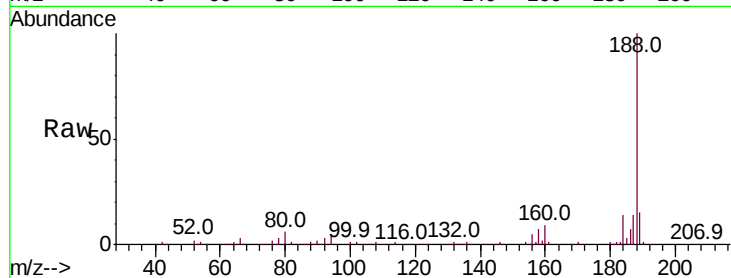
Tot Ion:188 Resp: 200531

Ion Ratio Lower Upper

188 100

94 5.4 5.1 7.7

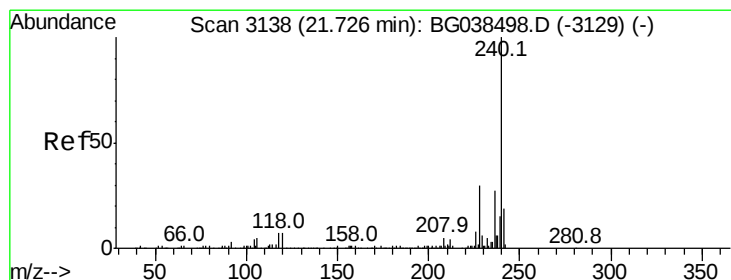
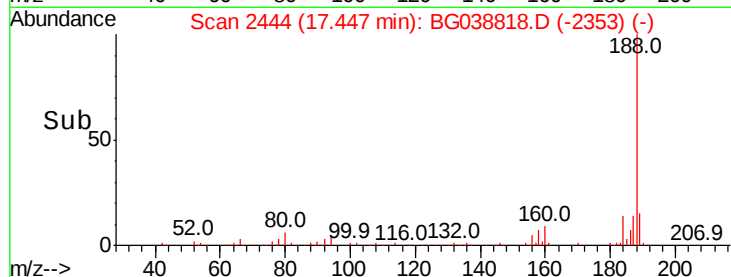
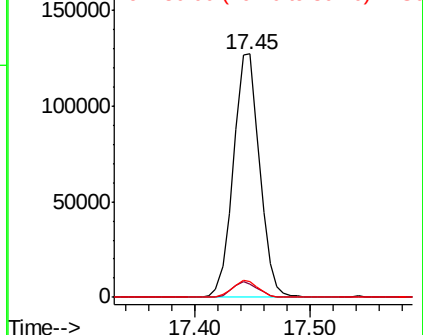
80 6.2 6.1 9.1



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: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038818.D

Acq: 22 Dec 2018 15:15

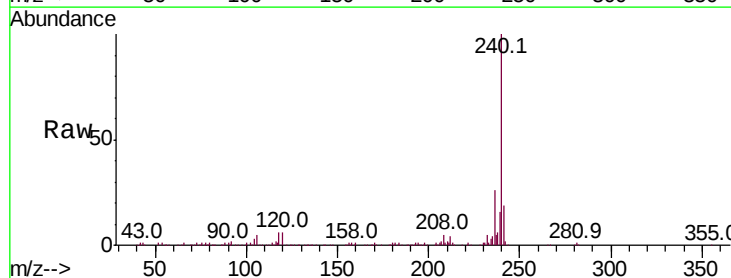
Tgt Ion:240 Resp: 191508

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

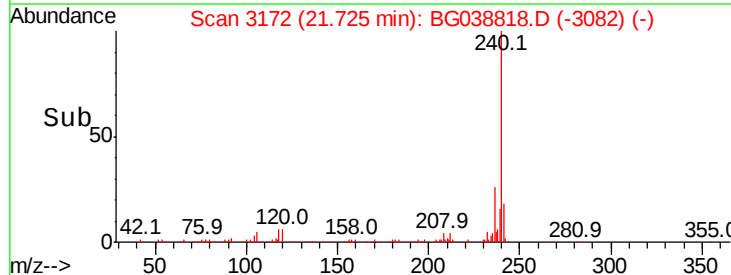
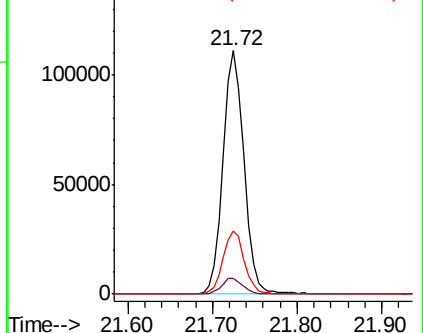
236 26.1 21.4 32.2

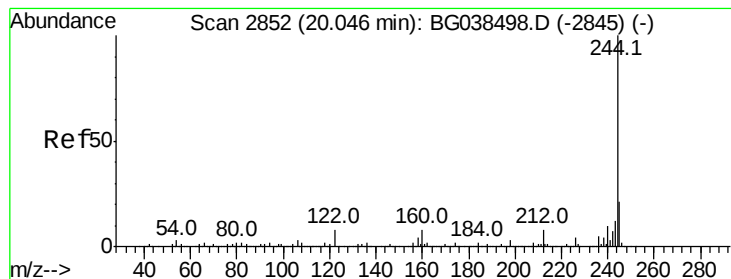


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.229 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.01 min

Lab File: BG038818.D

Acq: 22 Dec 2018 15:15

Instrument :

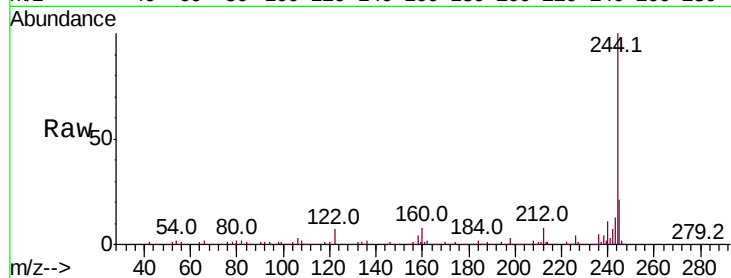
BNA_G

ClientSampleId :

TR-05-122018

Tot Ion:244 Resp: 1013970

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	7.2	6.3	9.5

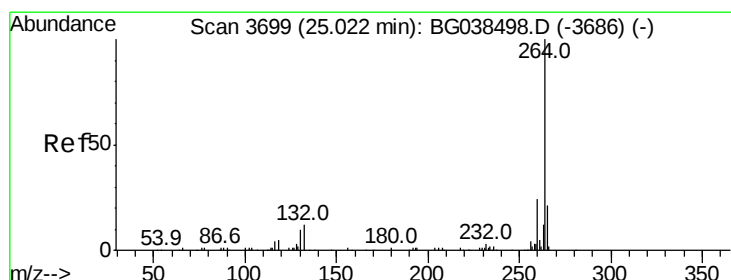
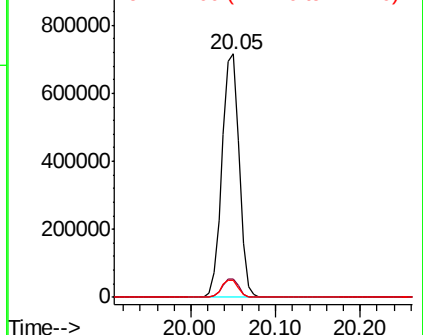
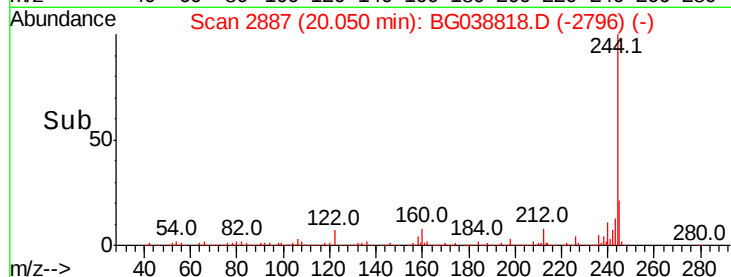


Abundance

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: 25.03 min Scan# 3734

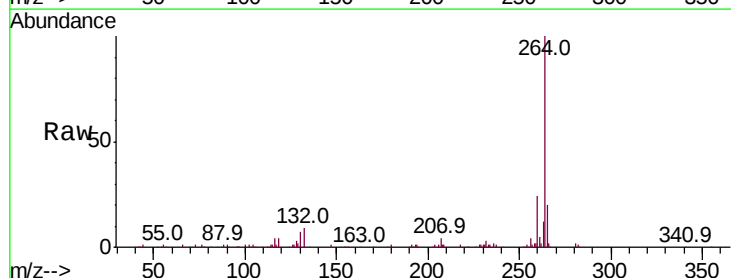
Delta R.T. 0.00 min

Lab File: BG038818.D

Acq: 22 Dec 2018 15:15

Tgt Ion:264 Resp: 202182

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	20.0	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

