

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038918.D
 Acq On : 4 Jan 2019 00:36
 Operator : JU/SJ
 Sample : K1017-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Jan 04 04:52:36 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	27979	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	114162	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	85292	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	219701	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	219593	20.00	ng	-0.01
87) Perylene-d12	25.00	264	225437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194718	123.44	ng	0.00
7) Phenol-d6	7.21	99	238149	109.97	ng	0.00
23) Nitrobenzene-d5	9.23	82	194110	86.86	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	174985	148.86	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	534321	85.94	ng	-0.01
79) Terphenyl-d14	20.04	244	1048980	103.96	ng	0.00

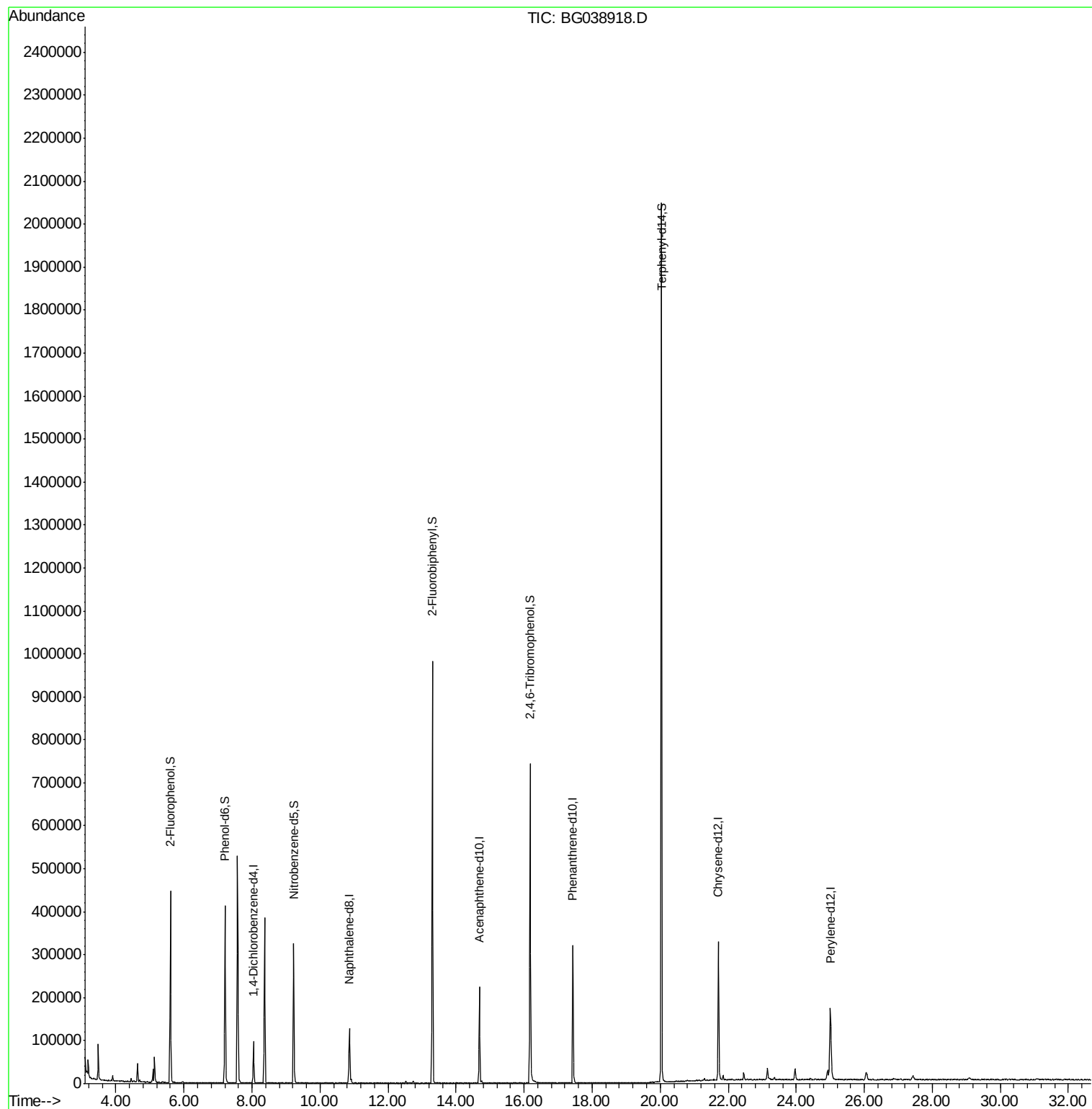
Target Compounds Qvalue

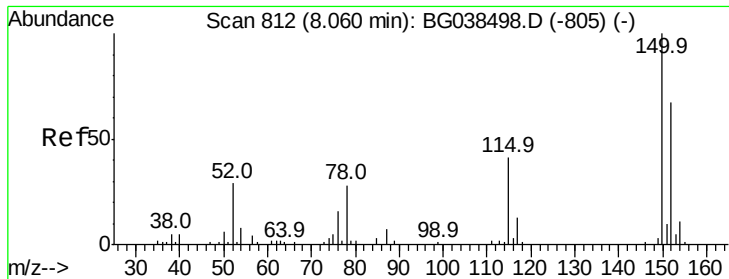
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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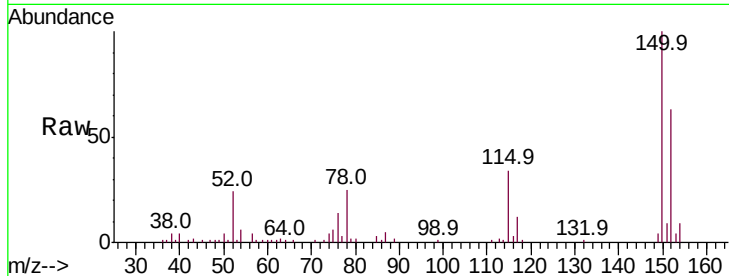


#1

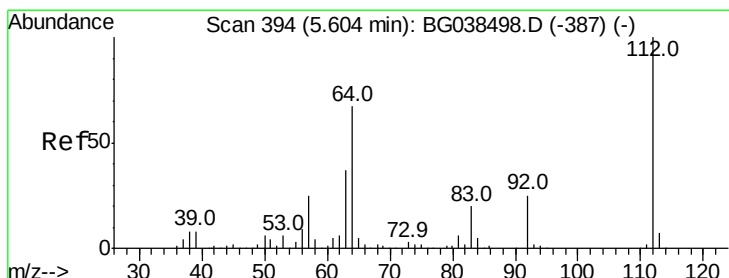
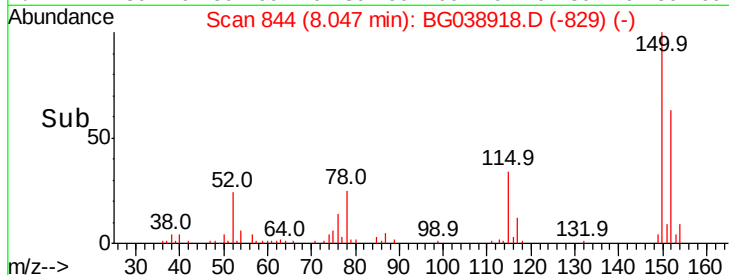
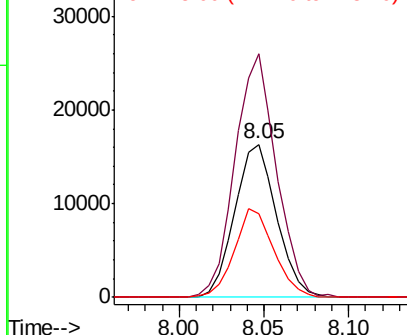
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038918.D
Acq: 4 Jan 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:152 Resp: 27979
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 54.4 49.6 74.4



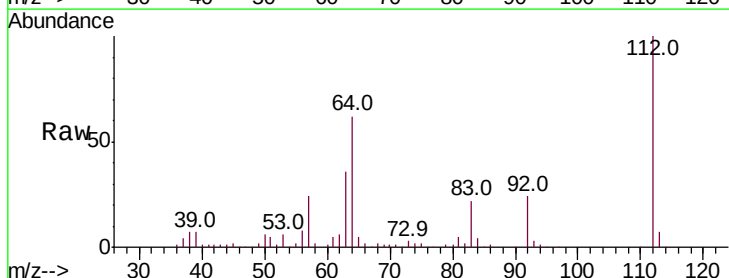
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



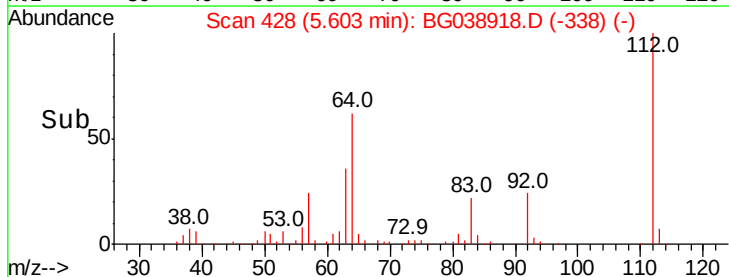
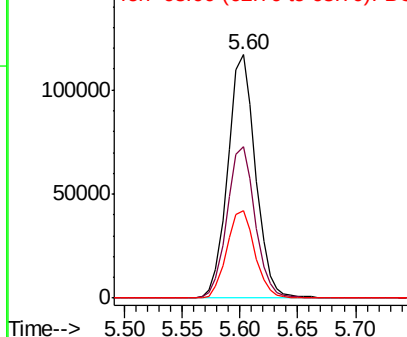
#5

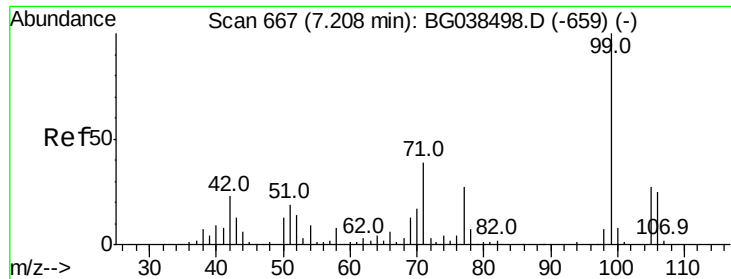
2-Fluorophenol
Concen: 123.436 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038918.D
Acq: 4 Jan 2019 00:36

Tgt Ion:112 Resp: 194718
Ion Ratio Lower Upper
112 100
64 62.3 53.4 80.2
63 36.0 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: 109.970 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

Instrument :

BNA_G

ClientSampleId :

TP-4

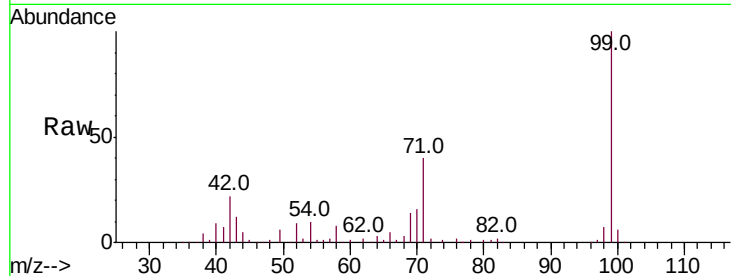
Tot Ion: 99 Resp: 238149

Ion Ratio Lower Upper

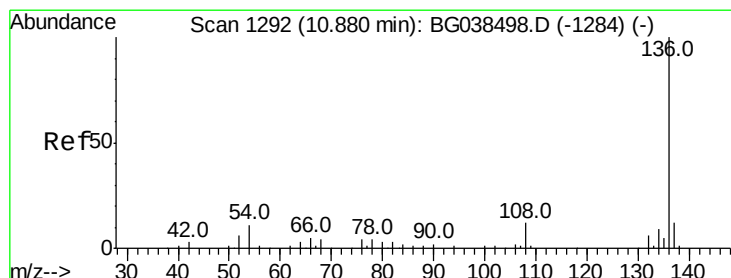
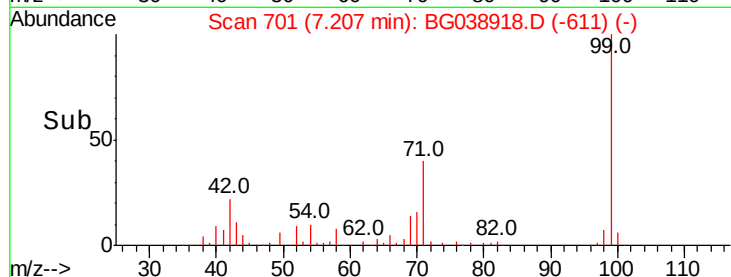
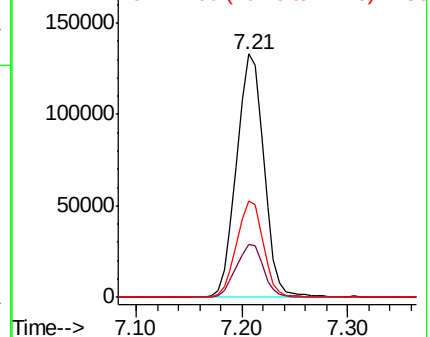
99 100

42 21.8 18.5 27.7

71 39.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

Tgt Ion: 136 Resp: 114162

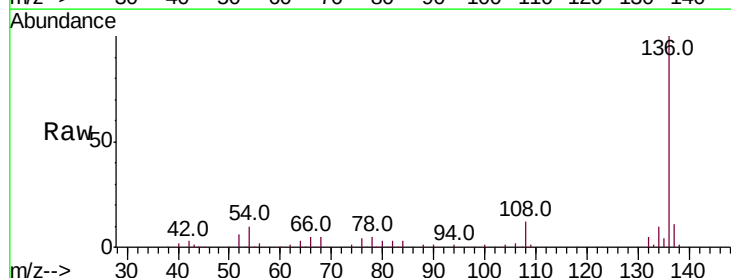
Ion Ratio Lower Upper

136 100

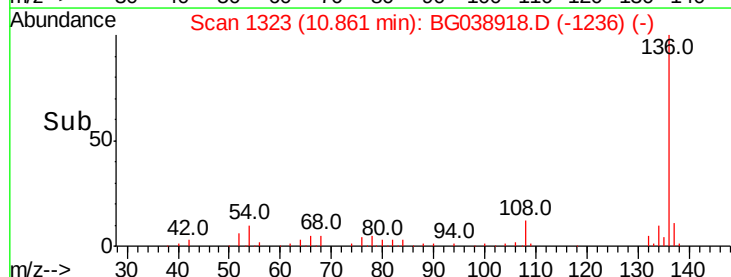
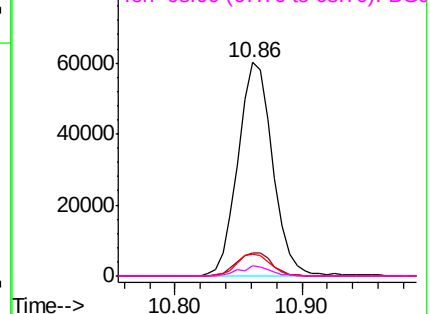
137 10.9 9.3 13.9

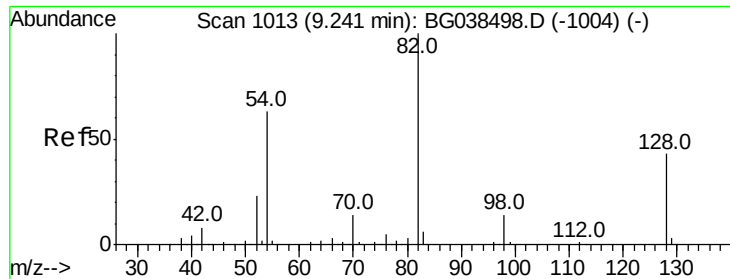
54 10.3 8.5 12.7

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

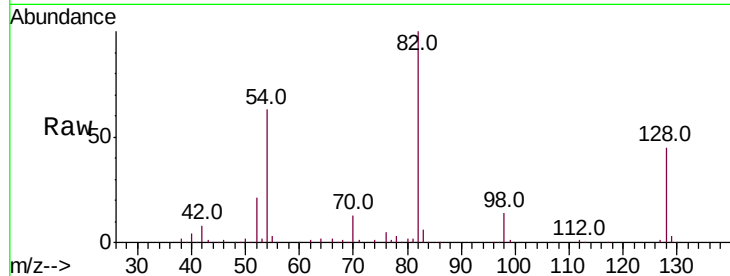




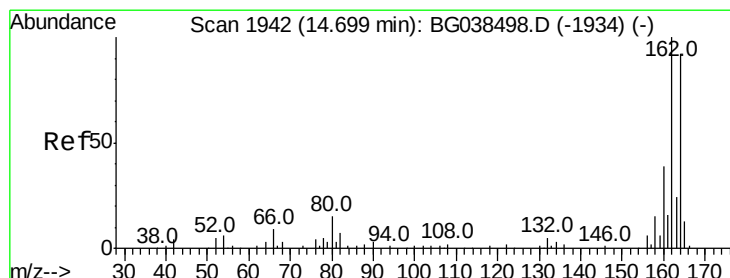
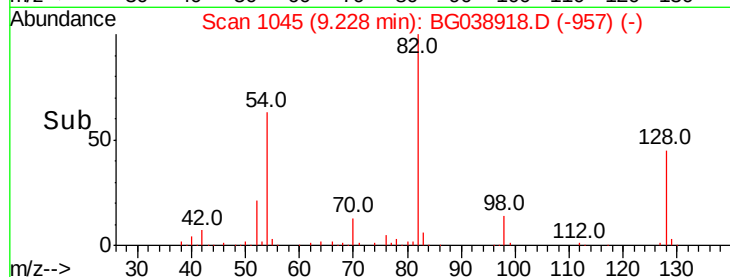
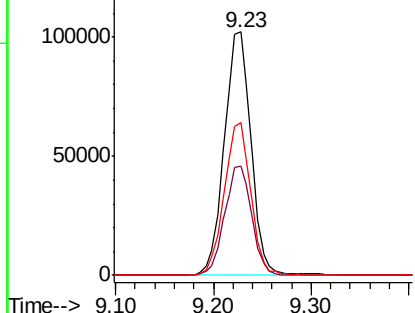
#23
 Nitrobenzene-d5
 Concen: 86.864 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038918.D
 Acq: 4 Jan 2019 00:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion: 82 Resp: 194110
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 52.0
 54 62.9 50.6 76.0

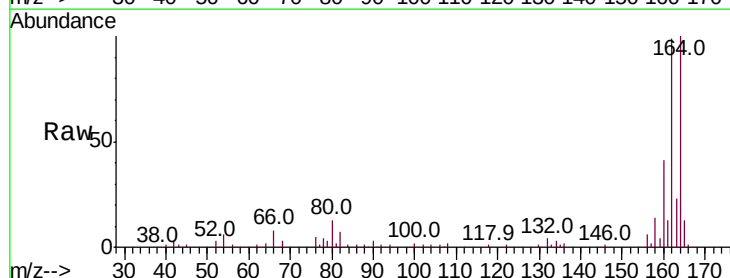


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

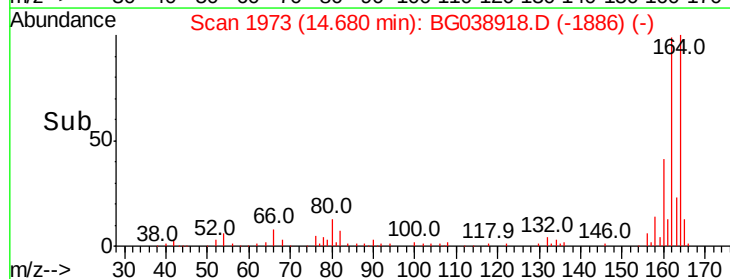
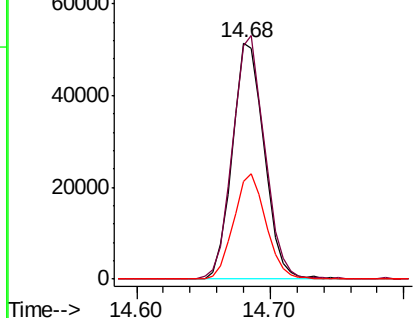


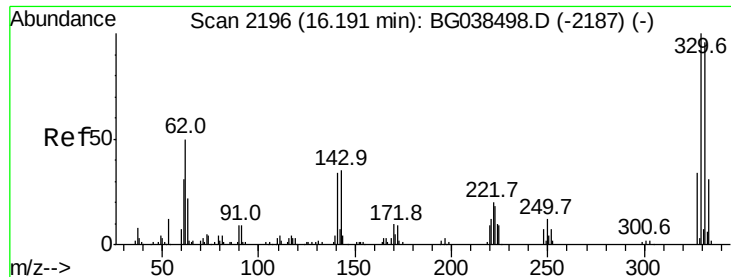
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038918.D
 Acq: 4 Jan 2019 00:36

Tgt Ion: 164 Resp: 85292
 Ion Ratio Lower Upper
 164 100
 162 98.9 86.6 130.0
 160 41.3 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: 148.863 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

Instrument :

BNA_G

ClientSampleId :

TP-4

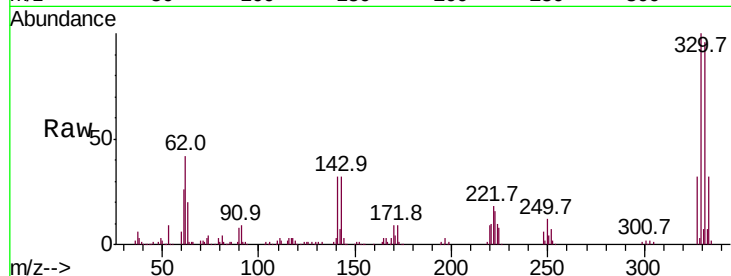
Tot Ion:330 Resp: 174985

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

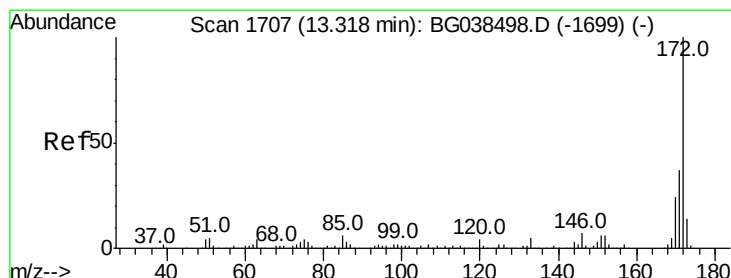
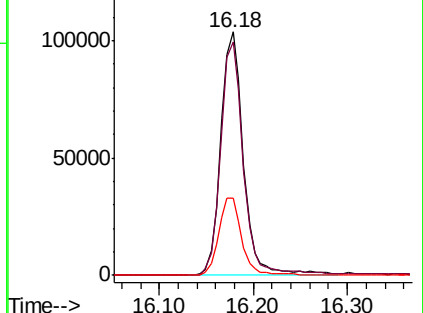
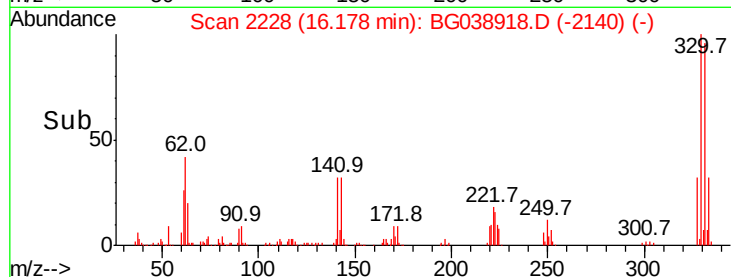
141 32.1 28.8 43.2



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: 85.941 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

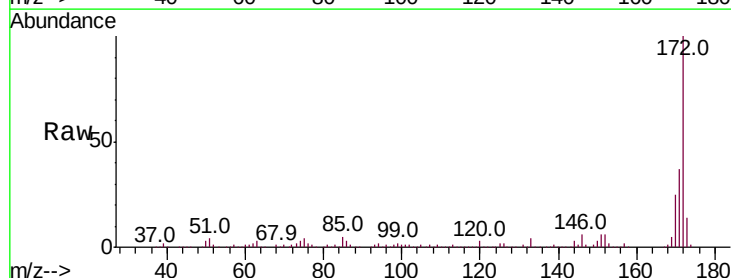
Tgt Ion:172 Resp: 534321

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

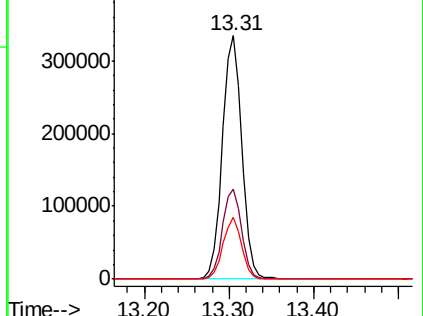
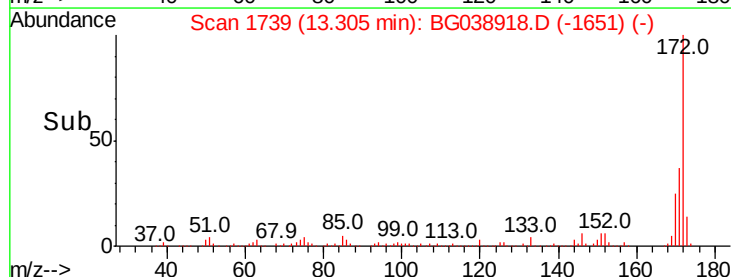
170 25.2 19.5 29.3

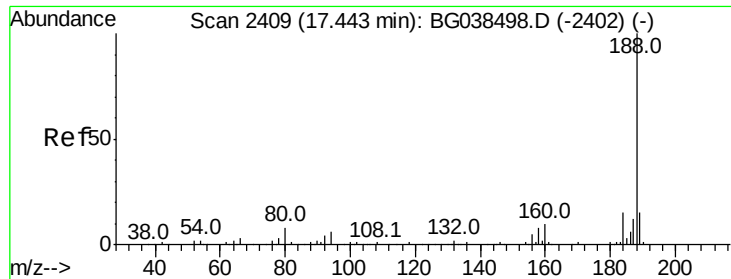


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

Instrument :

BNA_G

ClientSampleId :

TP-4

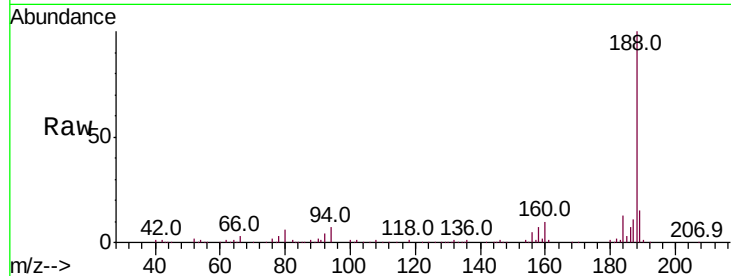
Tot Ion:188 Resp: 219701

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

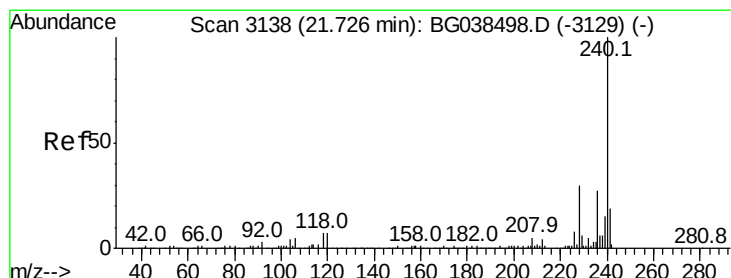
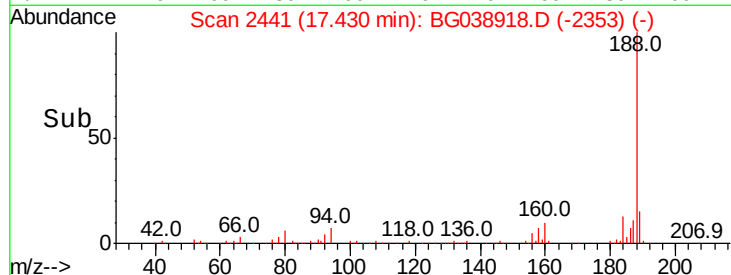
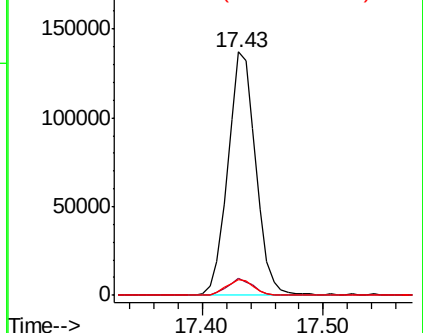
80 6.4 6.1 9.1



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: BG038918.D

Acq: 4 Jan 2019 00:36

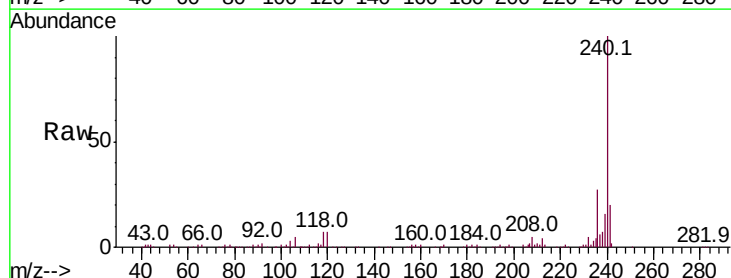
Tgt Ion:240 Resp: 219593

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

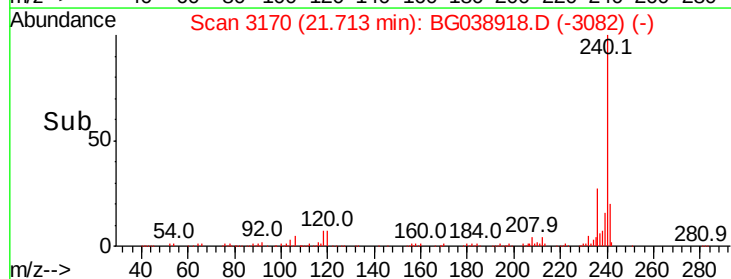
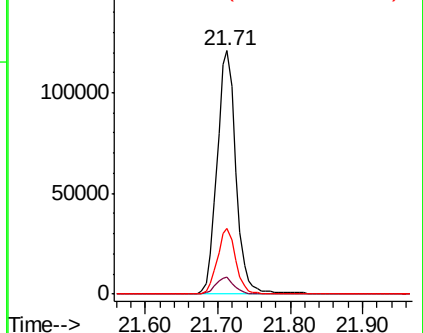
236 27.2 21.4 32.2

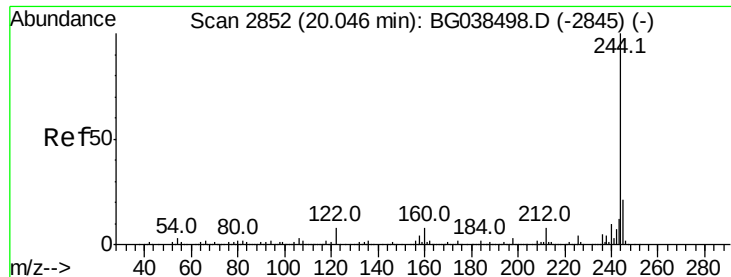


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.962 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

Instrument :

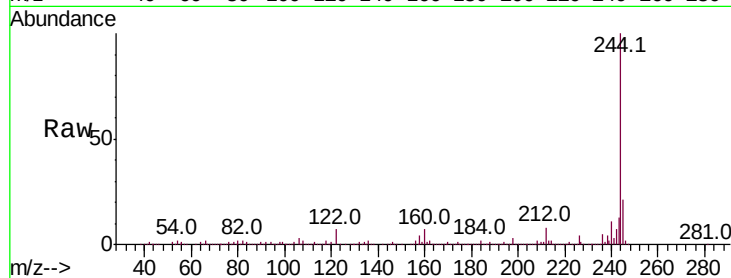
BNA_G

ClientSampleId :

TP-4

Tot Ion:244 Resp: 1048980

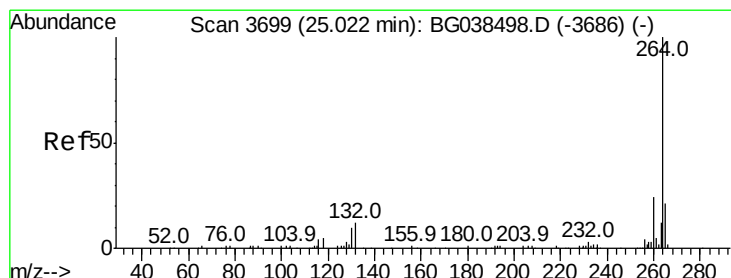
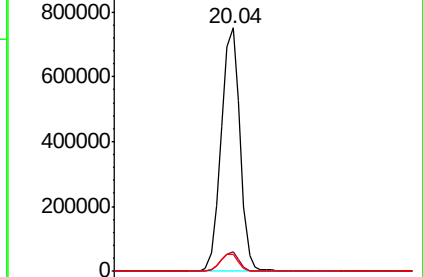
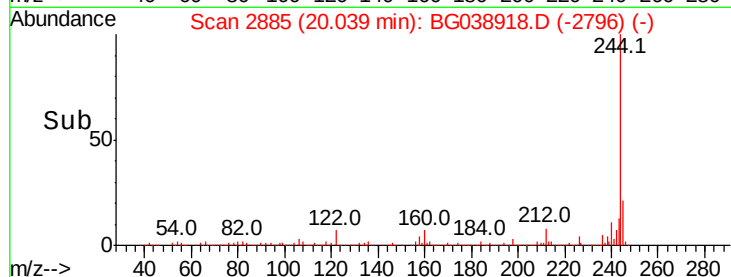
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.2	6.3	9.5



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: 25.00 min Scan# 3730

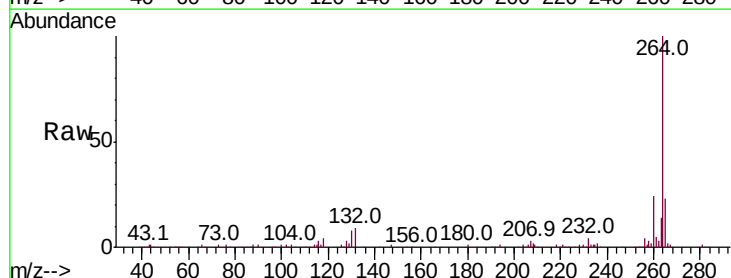
Delta R.T. -0.02 min

Lab File: BG038918.D

Acq: 4 Jan 2019 00:36

Tgt Ion:264 Resp: 225437

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	23.1	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

