

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038919.D
 Acq On : 4 Jan 2019 1:15
 Operator : JU/SJ
 Sample : K1017-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Jan 04 04:53:41 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	8.04	152	25779	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	102758	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	76341	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	196636	20.00	ng	0.00
76) Chrysene-d12	21.71	240	198602	20.00	ng	-0.01
87) Perylene-d12	25.00	264	208769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	164393	113.11	ng	0.00
7) Phenol-d6	7.21	99	200249	100.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	173401	86.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	142772	135.70	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	470260	84.51	ng	-0.01
79) Terphenyl-d14	20.04	244	960033	105.20	ng	0.00

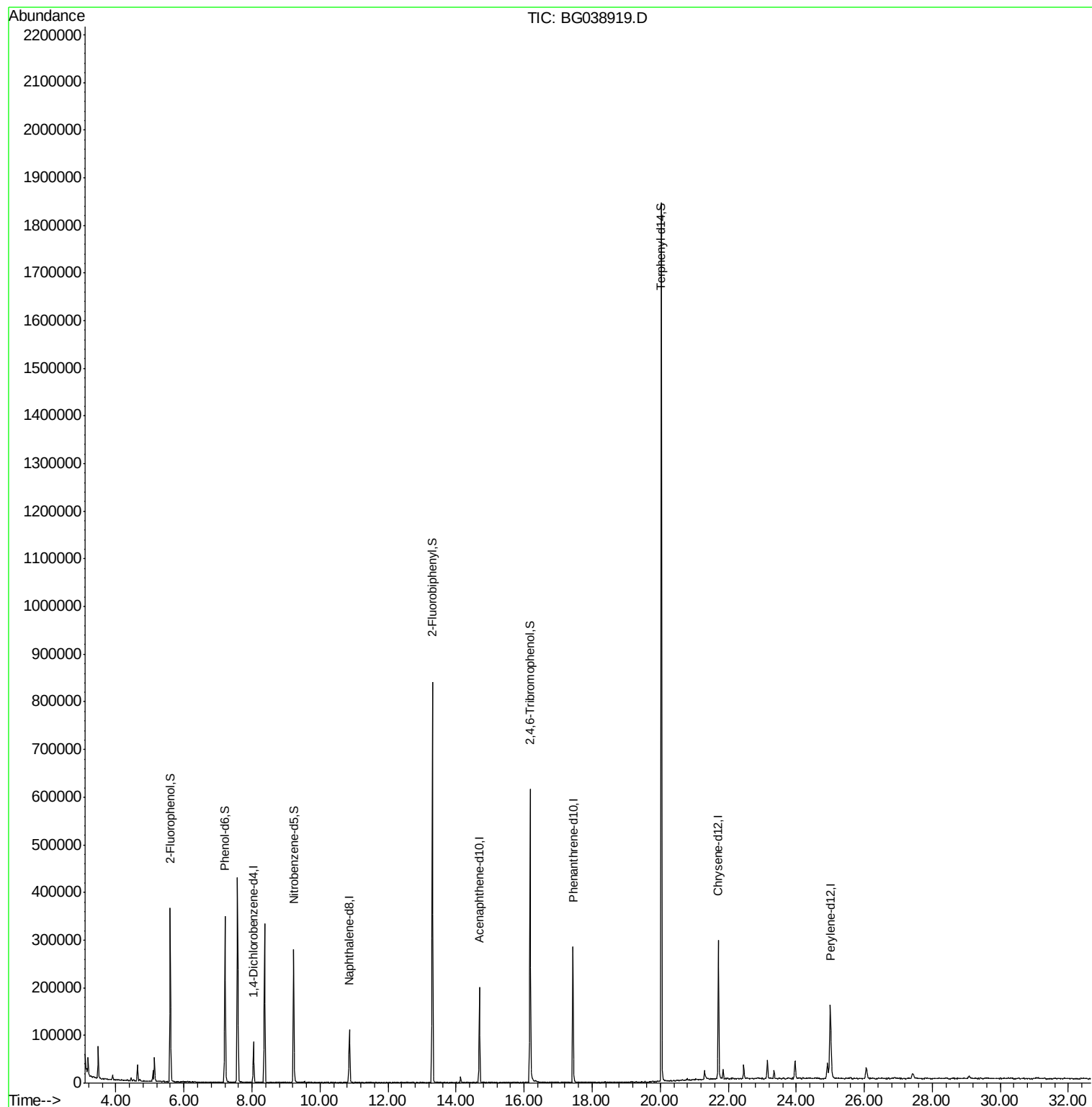
Target Compounds Qvalue

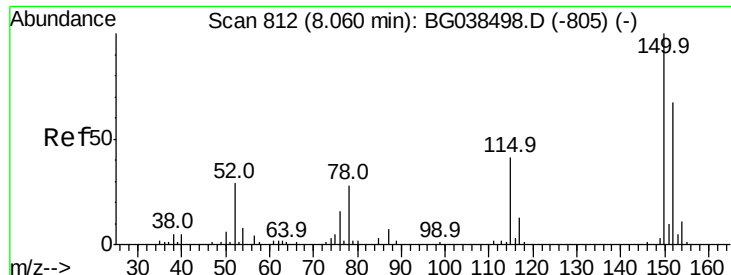
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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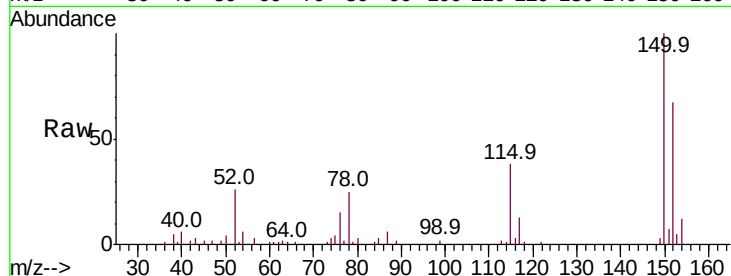


#1

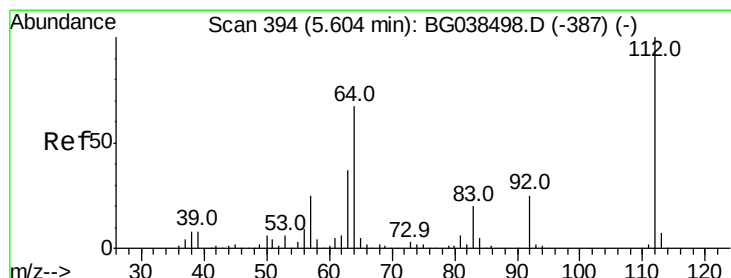
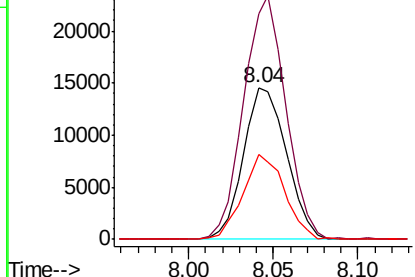
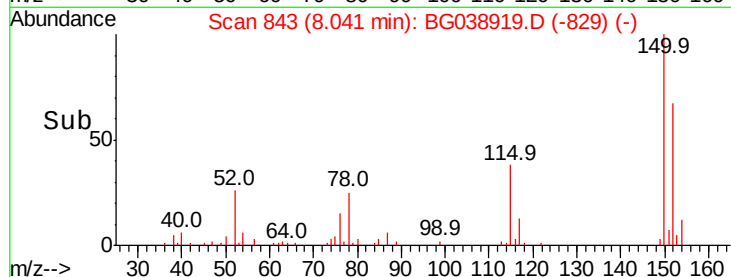
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BG038919.D
 Acq: 4 Jan 2019 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:152 Resp: 25779
 Ion Ratio Lower Upper
 152 100
 150 148.8 119.5 179.3
 115 56.0 49.6 74.4



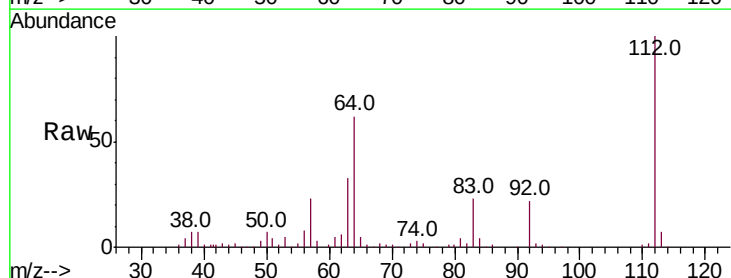
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



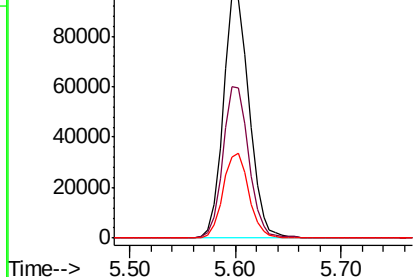
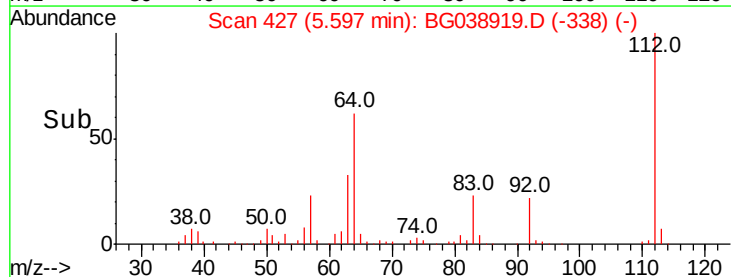
#5

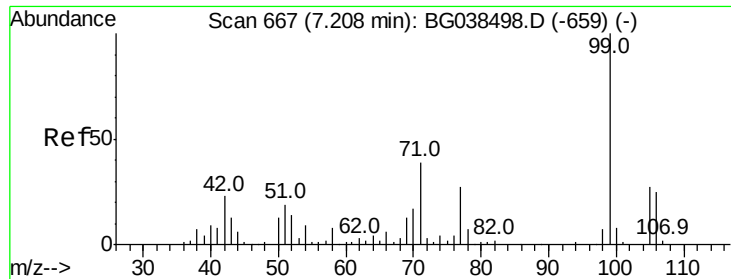
2-Fluorophenol
 Concen: 113.106 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BG038919.D
 Acq: 4 Jan 2019 1:15

Tgt Ion:112 Resp: 164393
 Ion Ratio Lower Upper
 112 100
 64 62.3 53.4 80.2
 63 33.5 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: 100.361 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038919.D

Acq: 4 Jan 2019 1:15

Instrument :

BNA_G

ClientSampled :

TP-5

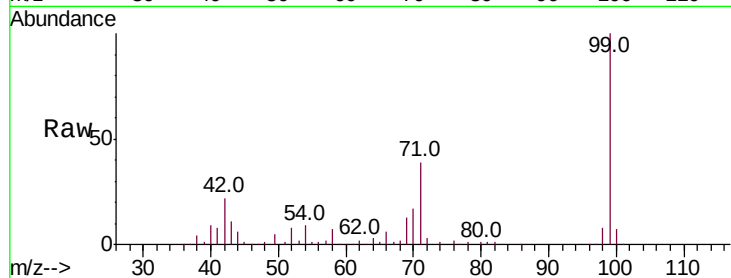
Tot Ion: 99 Resp: 200249

Ion Ratio Lower Upper

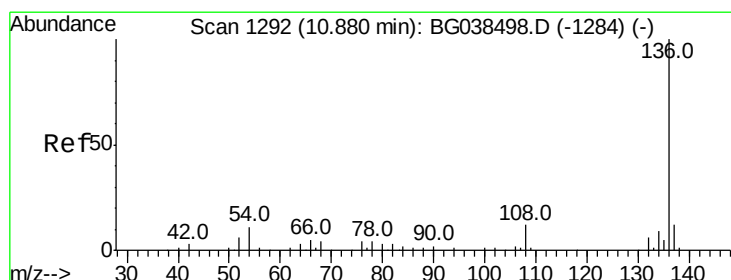
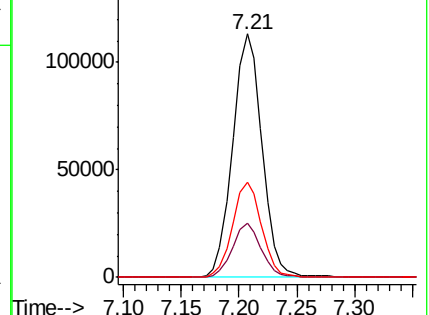
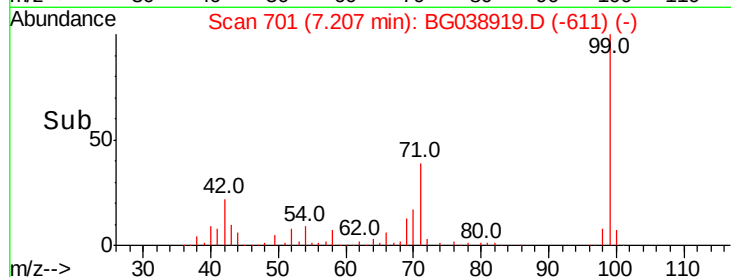
99 100

42 22.3 18.5 27.7

71 39.1 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: BG038919.D

Acq: 4 Jan 2019 1:15

Tgt Ion: 136 Resp: 102758

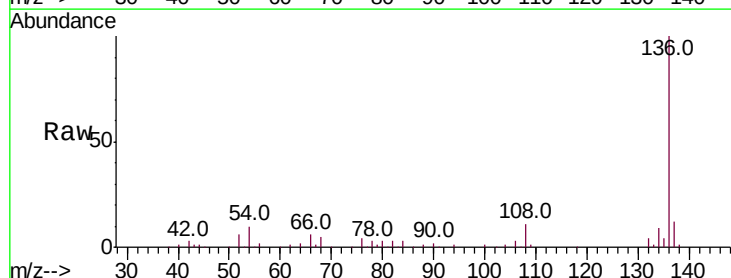
Ion Ratio Lower Upper

136 100

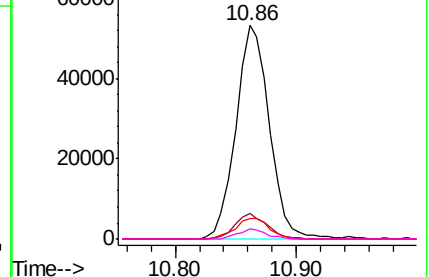
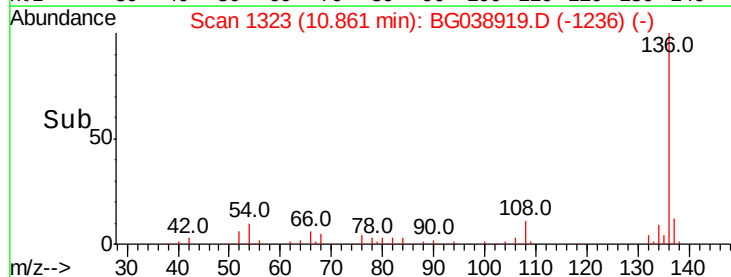
137 12.1 9.3 13.9

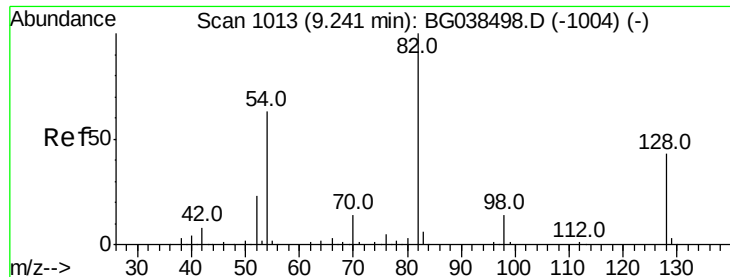
54 9.5 8.5 12.7

68 5.0 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

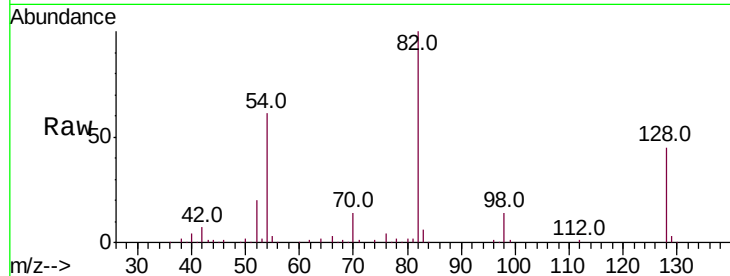




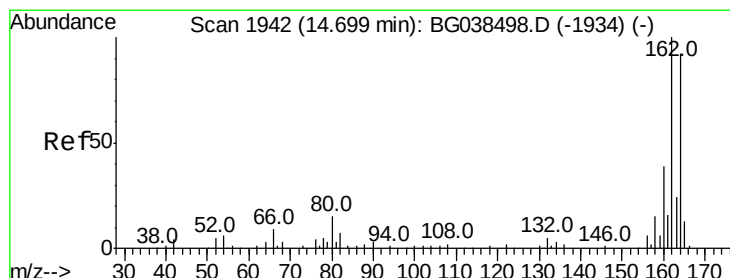
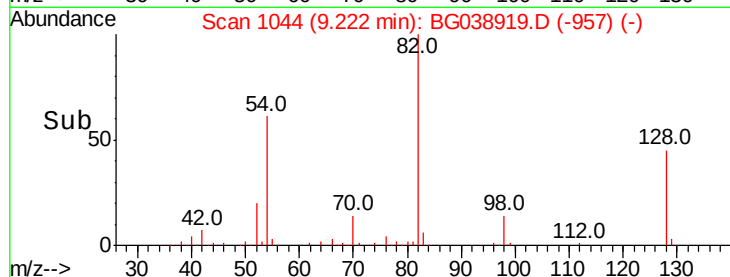
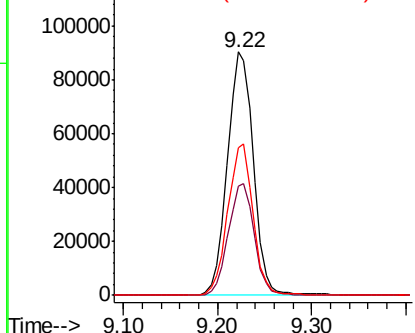
#23
Nitrobenzene-d5
Concen: 86.208 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038919.D
Acq: 4 Jan 2019 1:15

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion: 82 Resp: 173401
Ion Ratio Lower Upper
82 100
128 44.7 34.6 52.0
54 60.9 50.6 76.0

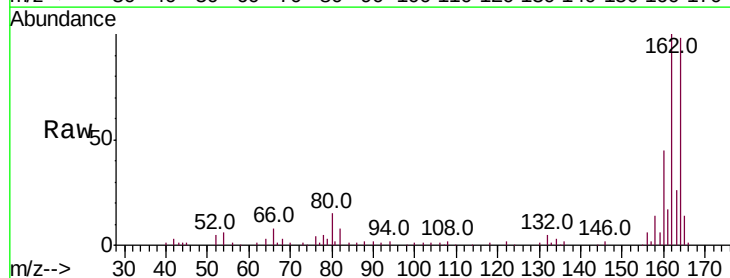


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

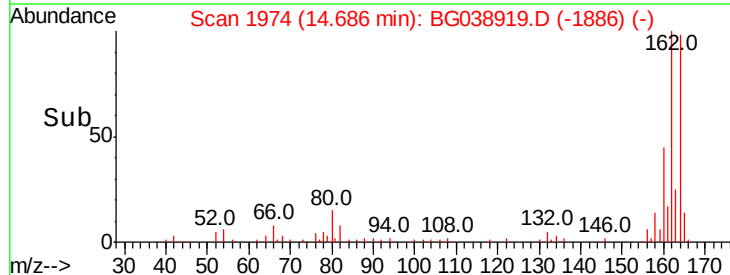
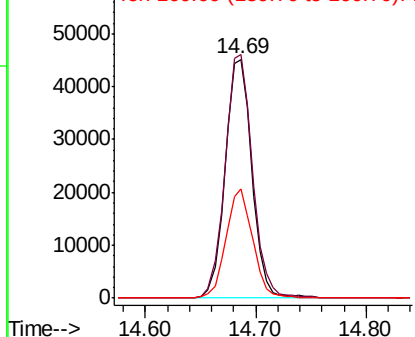


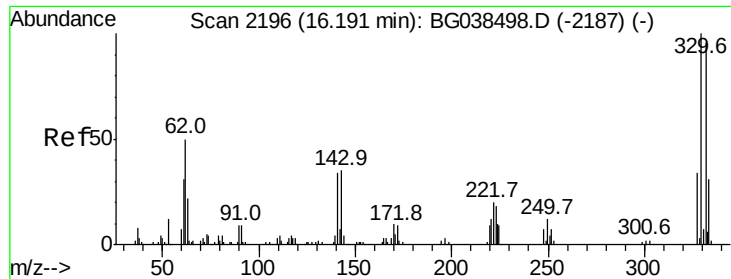
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038919.D
Acq: 4 Jan 2019 1:15

Tgt Ion:164 Resp: 76341
Ion Ratio Lower Upper
164 100
162 101.9 86.6 130.0
160 45.8 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: 135.700 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038919.D

Acq: 4 Jan 2019 1:15

Instrument :

BNA_G

ClientSampled :

TP-5

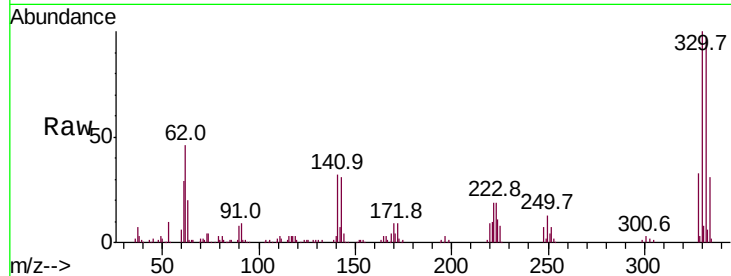
Tot Ion:330 Resp: 142772

Ion Ratio Lower Upper

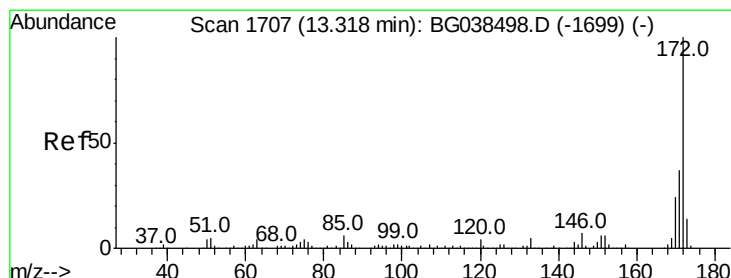
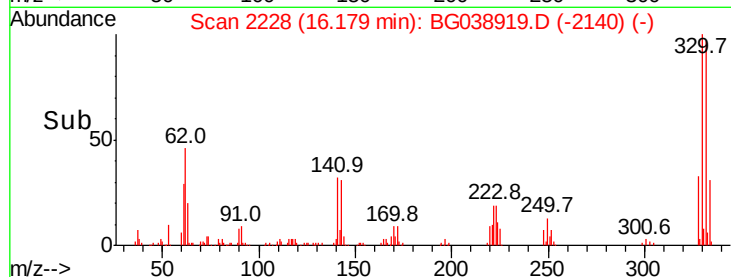
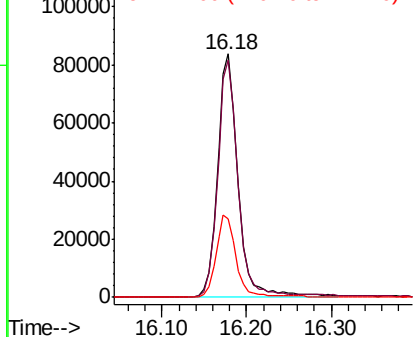
330 100

332 95.2 76.9 115.3

141 33.3 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: 84.506 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038919.D

Acq: 4 Jan 2019 1:15

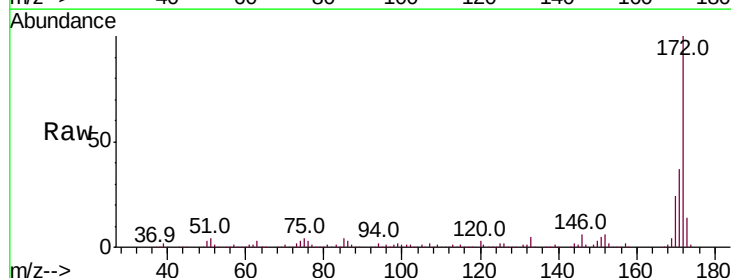
Tgt Ion:172 Resp: 470260

Ion Ratio Lower Upper

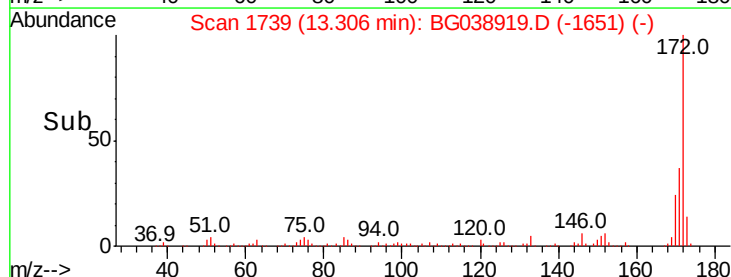
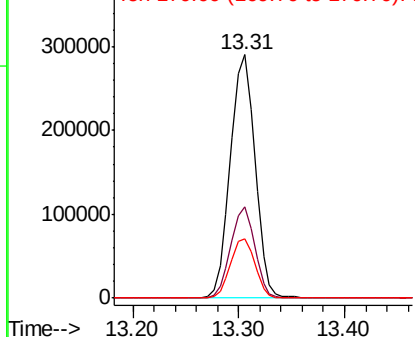
172 100

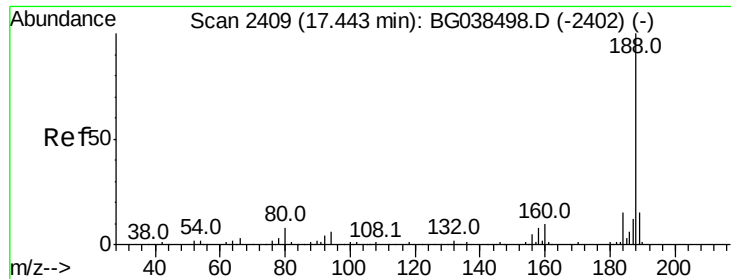
171 37.3 29.8 44.6

170 24.2 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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038919.D

Acq: 4 Jan 2019 1:15

Instrument :

BNA_G

ClientSampleId :

TP-5

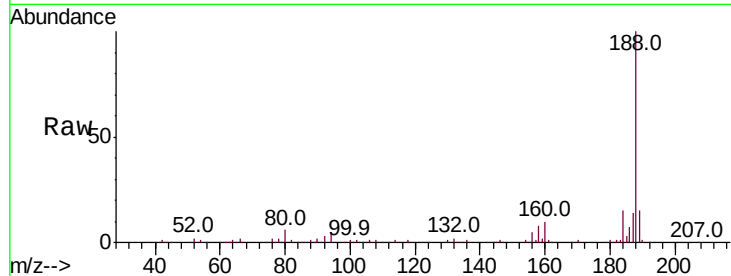
Tot Ion:188 Resp: 196636

Ion Ratio Lower Upper

188 100

94 5.4 5.1 7.7

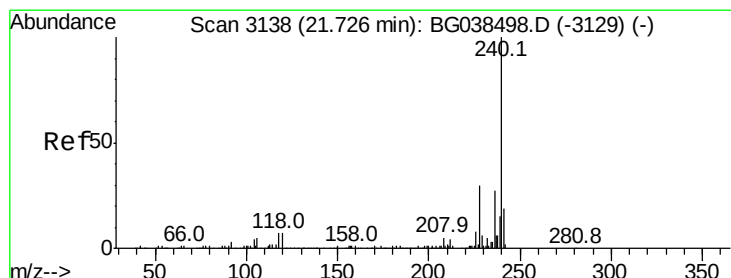
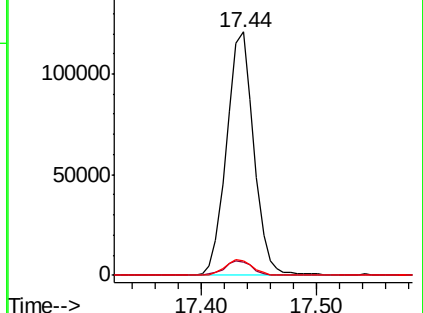
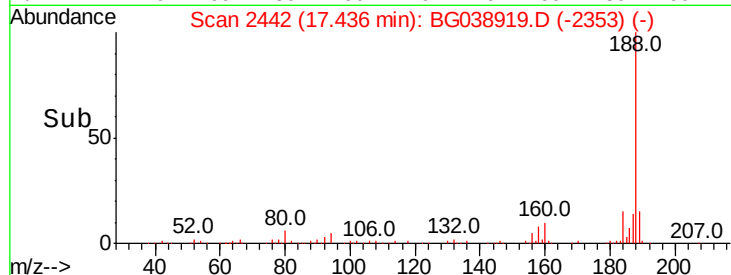
80 6.0 6.1 9.1#



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: BG038919.D

Acq: 4 Jan 2019 1:15

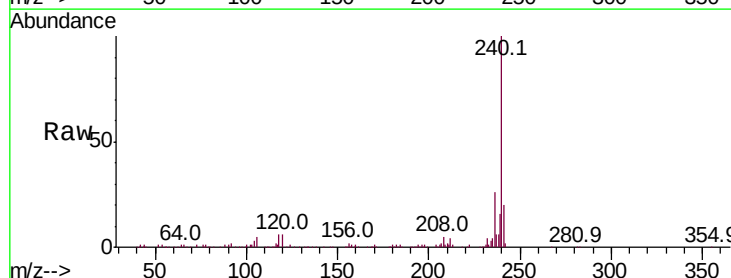
Tgt Ion:240 Resp: 198602

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

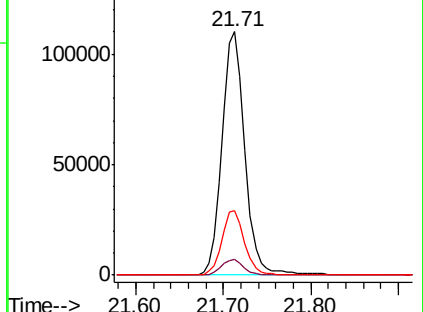
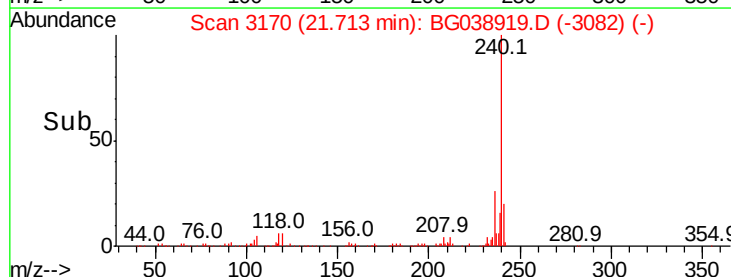
236 26.5 21.4 32.2

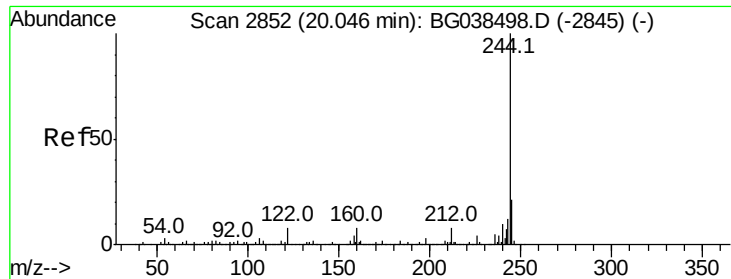


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.203 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038919.D

Acq: 4 Jan 2019 1:15

Instrument :

BNA_G

ClientSampleId :

TP-5

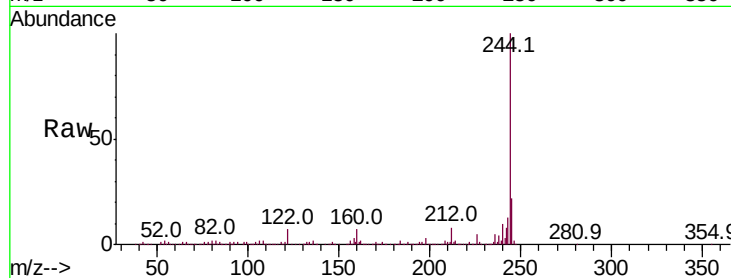
Tot Ion:244 Resp: 960033

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

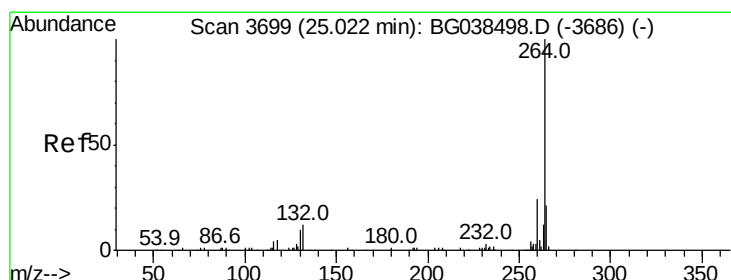
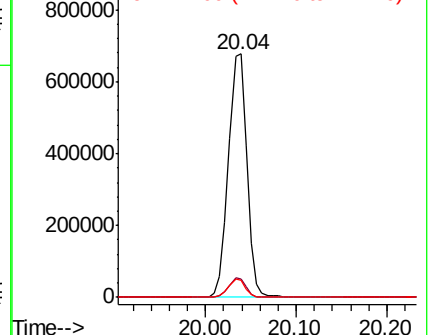
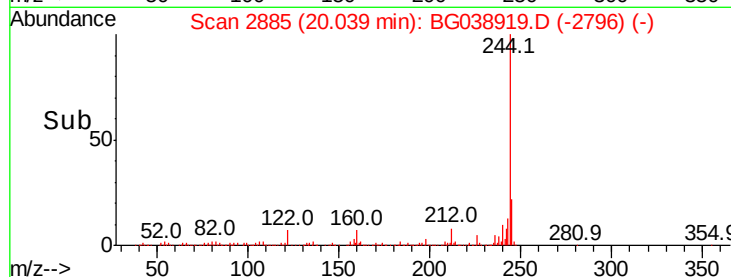
122 6.9 6.3 9.5



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# 3729

Delta R.T. -0.02 min

Lab File: BG038919.D

Acq: 4 Jan 2019 1:15

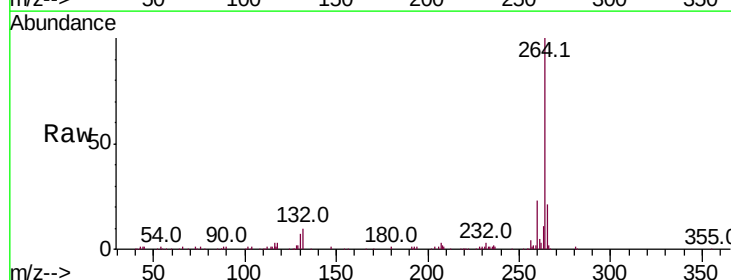
Tgt Ion:264 Resp: 208769

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.0 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

