

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038940.D
 Acq On : 4 Jan 2019 21:46
 Operator : JU/SJ
 Sample : K1023-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

Quant Time: Jan 04 23:14:01 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

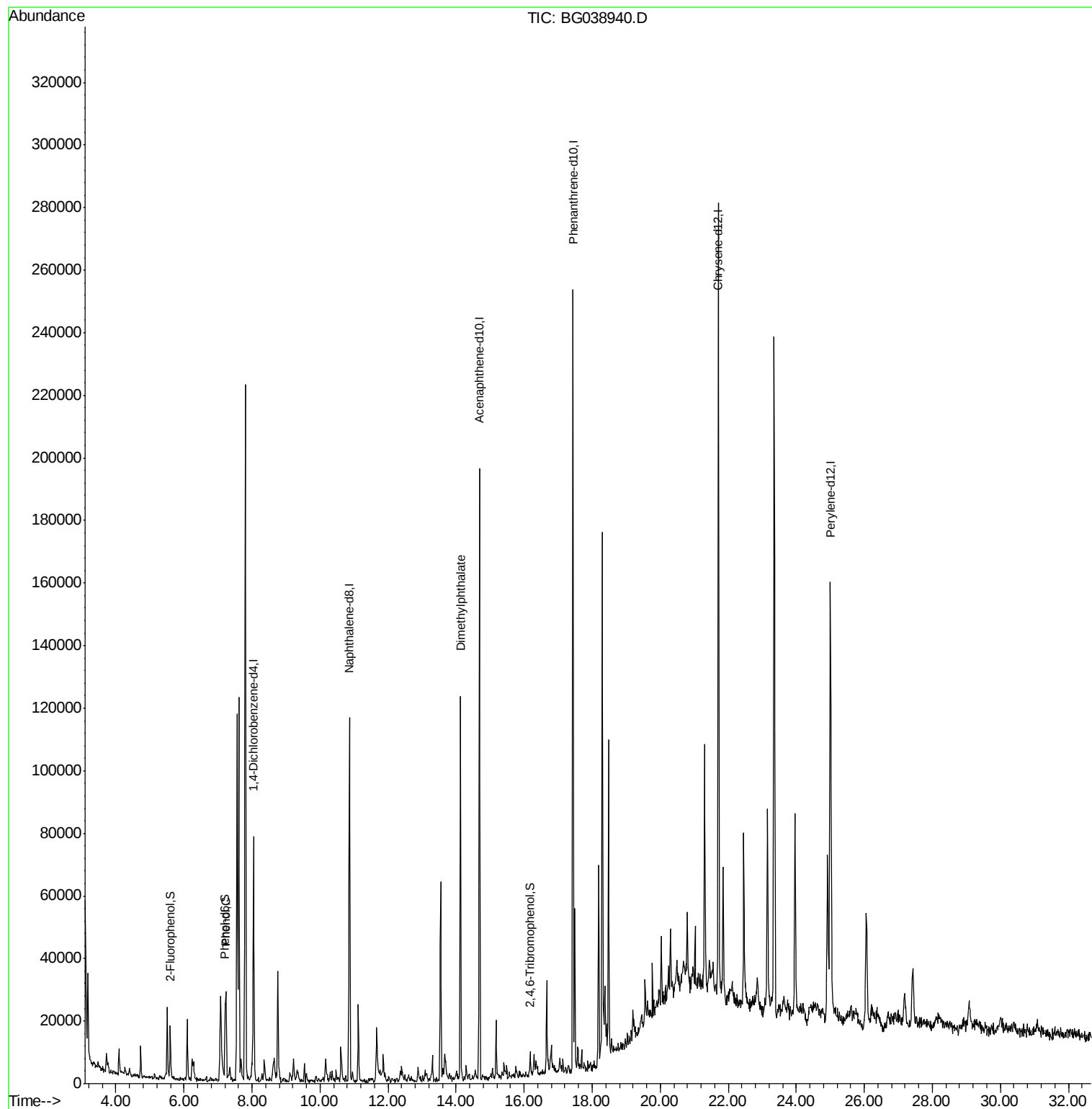
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22678	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	99884	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	69959	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	167294	20.00	ng	0.00
76) Chrysene-d12	21.71	240	164463	20.00	ng	-0.01
87) Perylene-d12	25.00	264	174076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	7438	5.82	ng	0.00
7) Phenol-d6	7.21	99	12460	7.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	3750	1.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	2085	2.16	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	5246	1.03	ng	-0.01
79) Terphenyl-d14	20.03	244	6445	0.85	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	14727	7.897	ng	97
50) Dimethylphthalate	14.13	163	83905	14.686	ng	97

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

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Response via : Initial Calibration



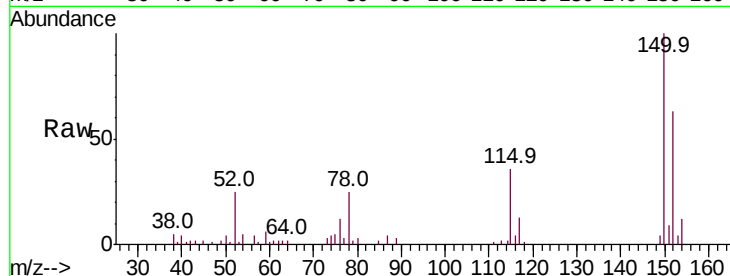


#1

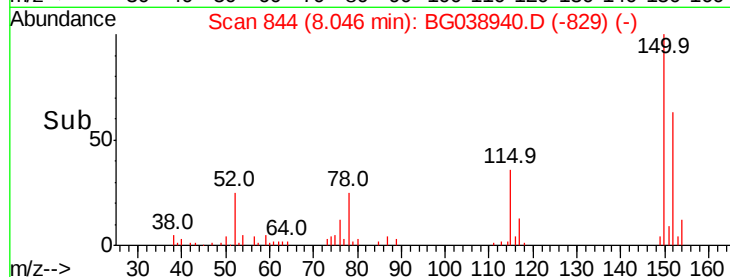
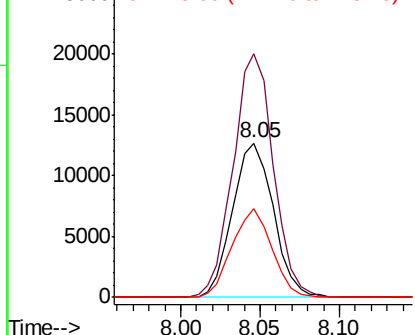
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038940.D
Acq: 4 Jan 2019 21:46

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Tot Ion:152 Resp: 22678
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 57.7 49.6 74.4



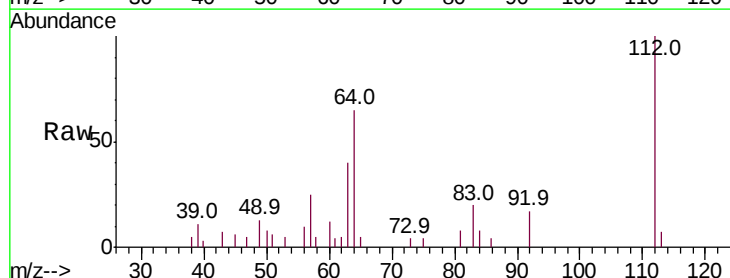
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



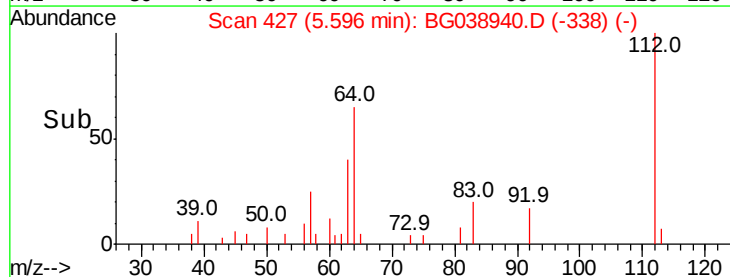
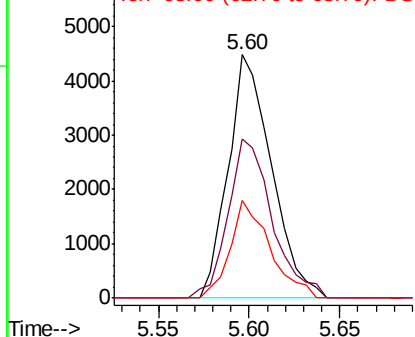
#5

2-Fluorophenol
Concen: 5.817 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038940.D
Acq: 4 Jan 2019 21:46

Tgt Ion:112 Resp: 7438
Ion Ratio Lower Upper
112 100
64 65.4 53.4 80.2
63 40.3 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: 7.099 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038940.D

Acq: 4 Jan 2019 21:46

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

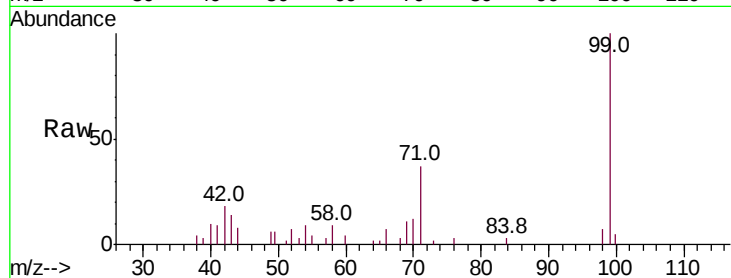
Tot Ion: 99 Resp: 12460

Ion Ratio Lower Upper

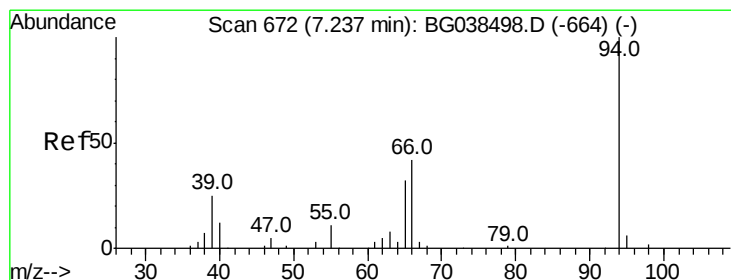
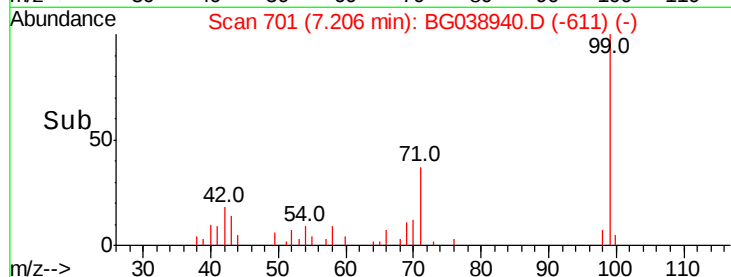
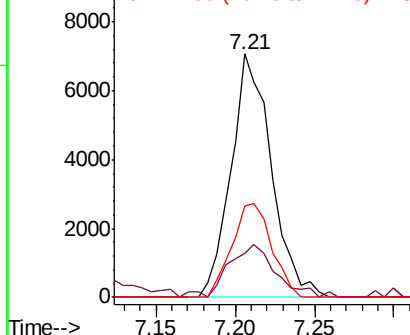
99 100

42 18.2 18.5 27.7#

71 37.4 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



#10

Phenol

Concen: 7.897 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038940.D

Acq: 4 Jan 2019 21:46

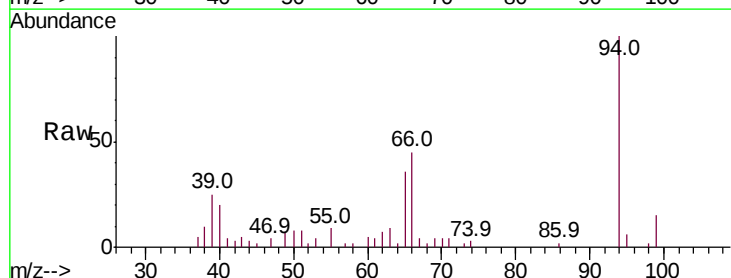
Tgt Ion: 94 Resp: 14727

Ion Ratio Lower Upper

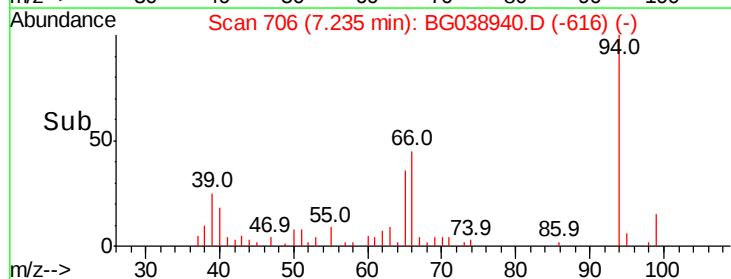
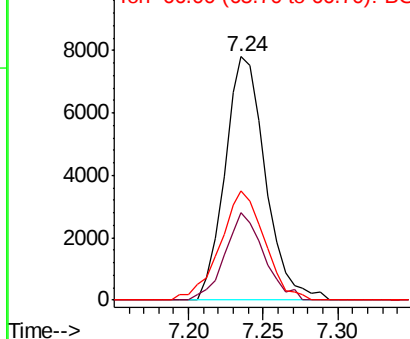
94 100

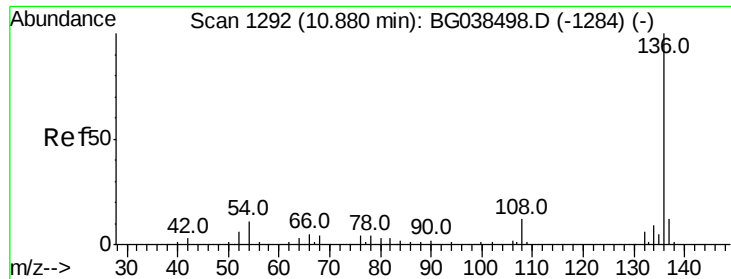
65 35.9 12.6 52.6

66 44.8 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

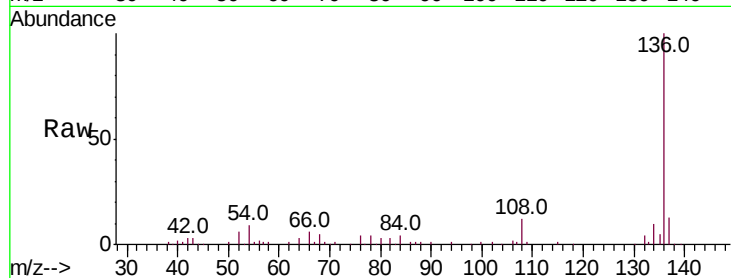




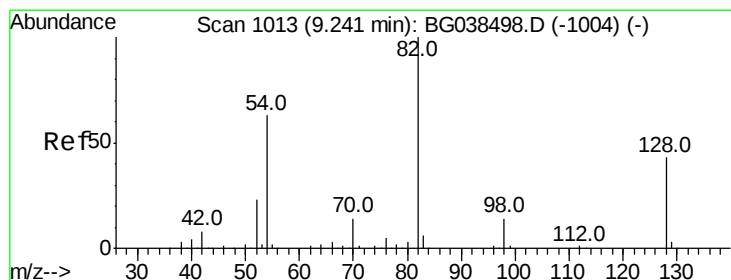
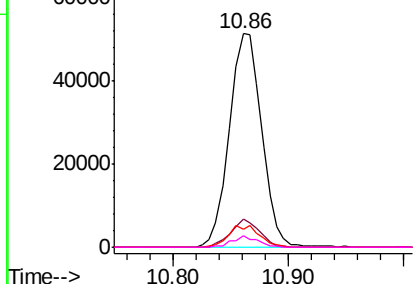
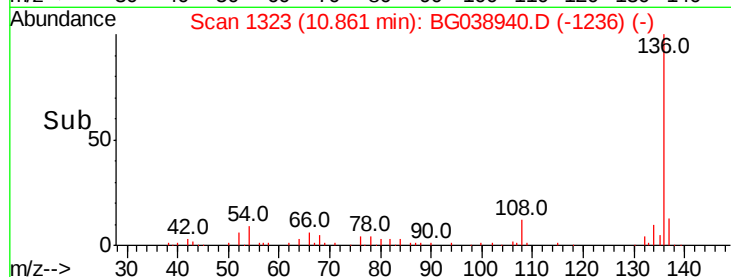
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038940.D
Acq: 4 Jan 2019 21:46

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Tot Ion:136 Resp: 99884
Ion Ratio Lower Upper
136 100
137 13.2 9.3 13.9
54 8.6 8.5 12.7
68 5.3 3.5 5.3#

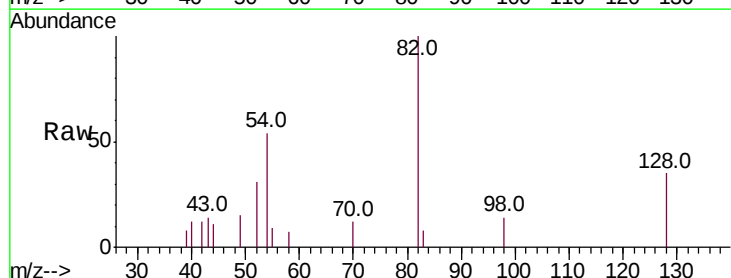


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

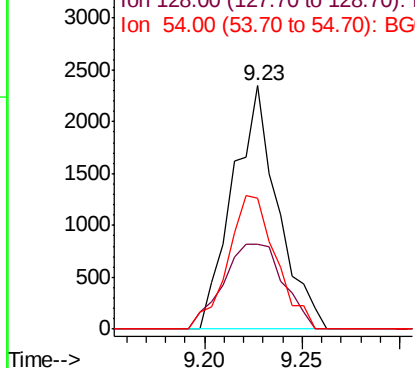
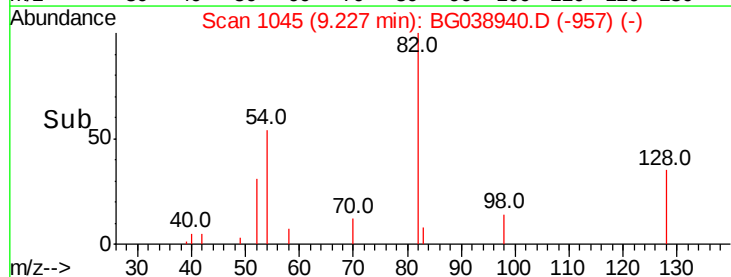


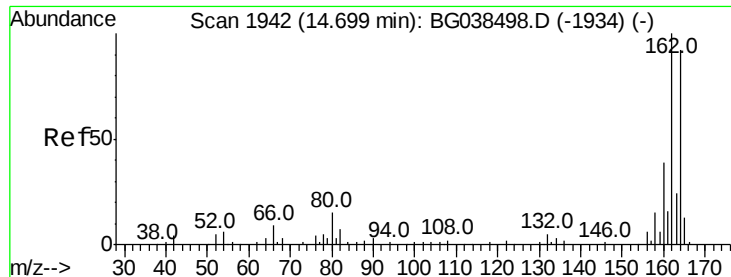
#23
Nitrobenzene-d5
Concen: 1.918 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038940.D
Acq: 4 Jan 2019 21:46

Tgt Ion: 82 Resp: 3750
Ion Ratio Lower Upper
82 100
128 34.7 34.6 52.0
54 53.8 50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG038940.D

Acq: 4 Jan 2019 21:46

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

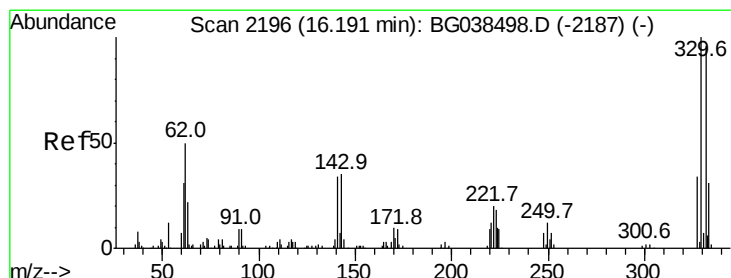
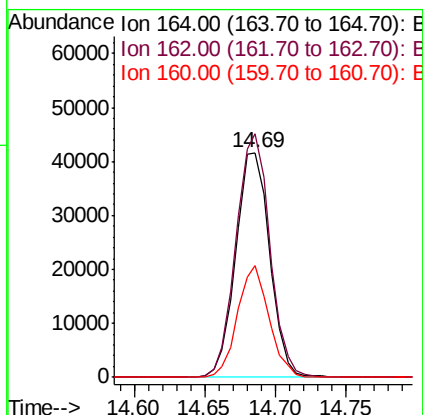
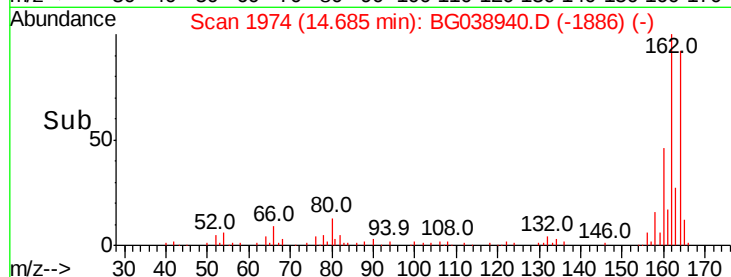
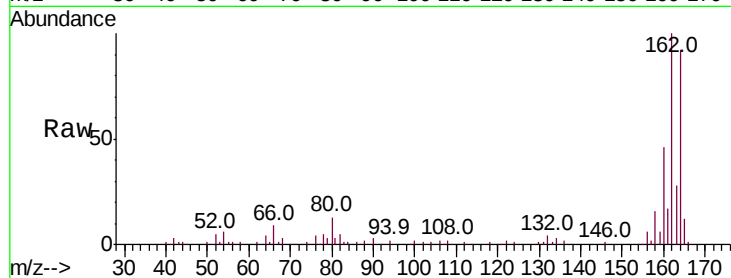
Tot Ion:164 Resp: 69959

Ion Ratio Lower Upper

164 100

162 108.5 86.6 130.0

160 49.8 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 2.163 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038940.D

Acq: 4 Jan 2019 21:46

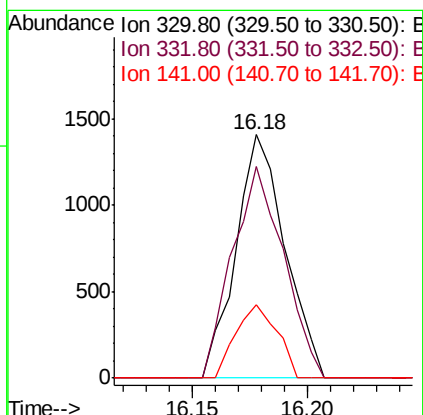
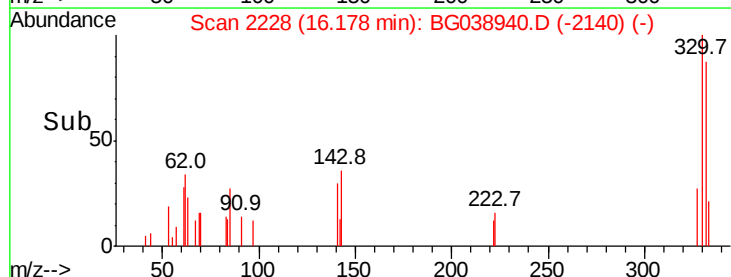
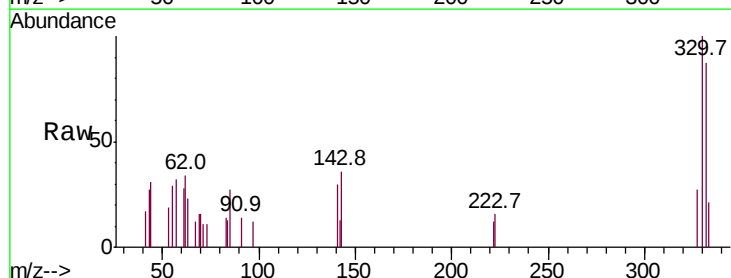
Tgt Ion:330 Resp: 2085

Ion Ratio Lower Upper

330 100

332 90.6 76.9 115.3

141 25.2 28.8 43.2#

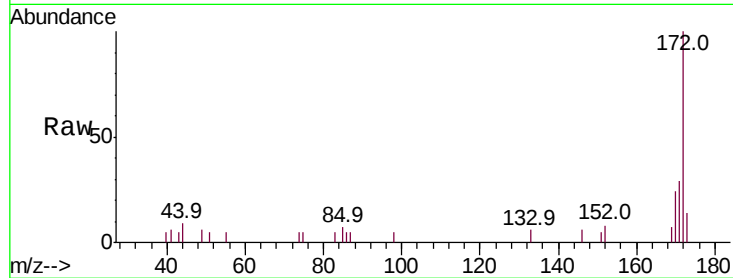




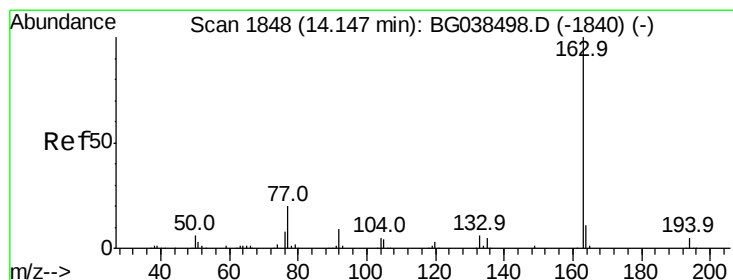
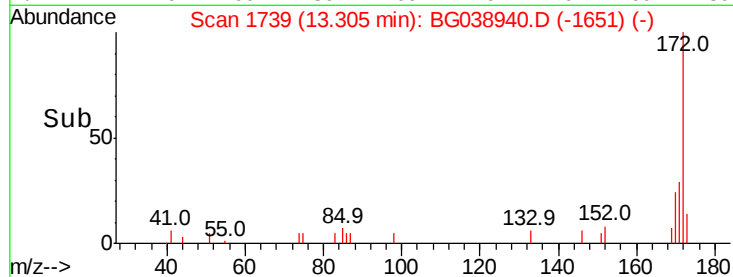
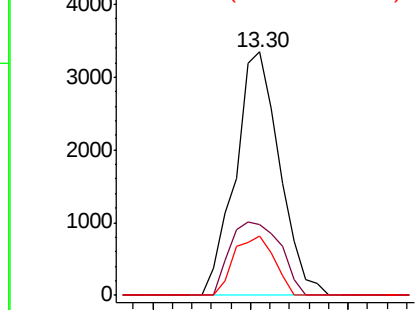
#45
2-Fluorobiphenyl
Concen: 1.029 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038940.D
Acq: 4 Jan 2019 21:46

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Tot Ion:172 Resp: 5246
Ion Ratio Lower Upper
172 100
171 29.3 29.8 44.6#
170 24.3 19.5 29.3

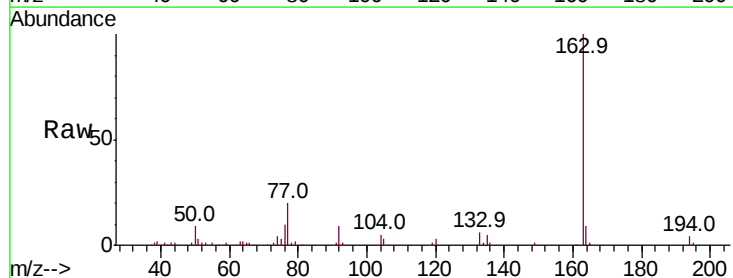


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

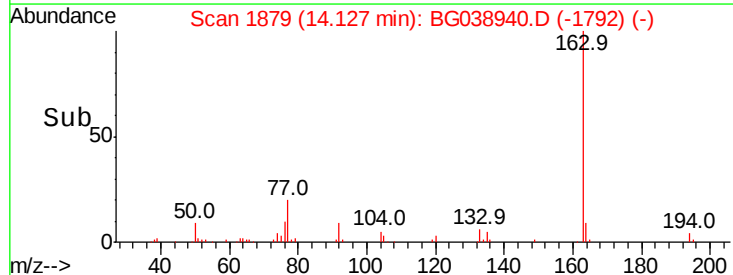
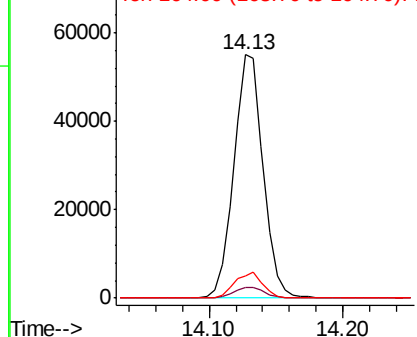


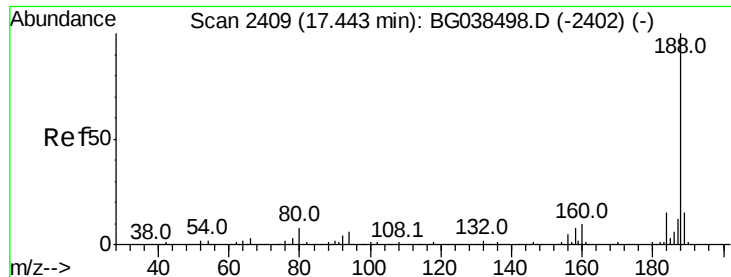
#50
Dimethylphthalate
Concen: 14.686 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038940.D
Acq: 4 Jan 2019 21:46

Tgt Ion:163 Resp: 83905
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038940.D

Acq: 4 Jan 2019 21:46

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

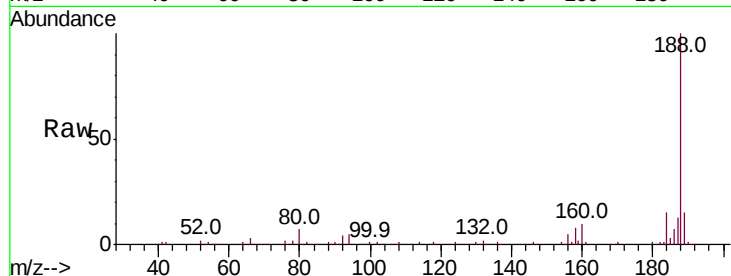
Tot Ion:188 Resp: 167294

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

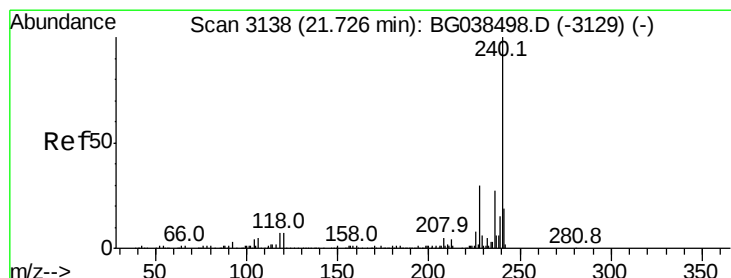
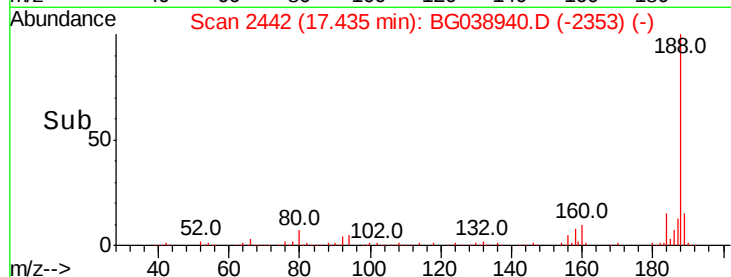
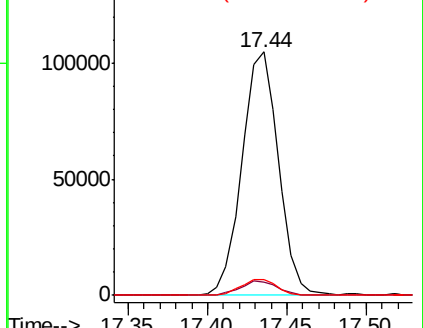
80 6.6 6.1 9.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038940.D

Acq: 4 Jan 2019 21:46

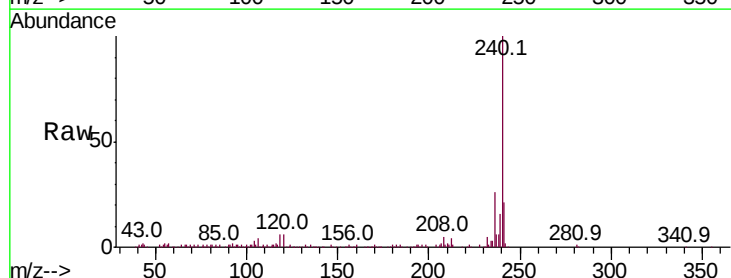
Tgt Ion:240 Resp: 164463

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

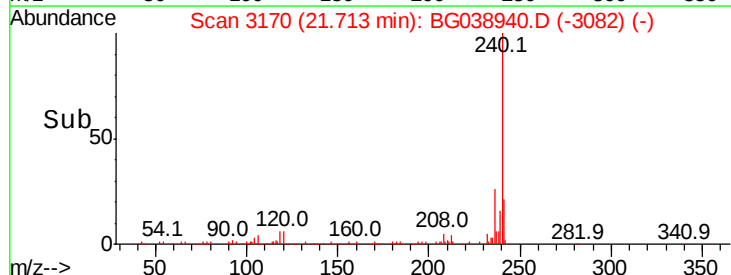
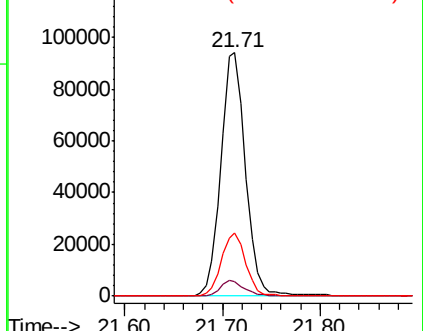
236 26.0 21.4 32.2

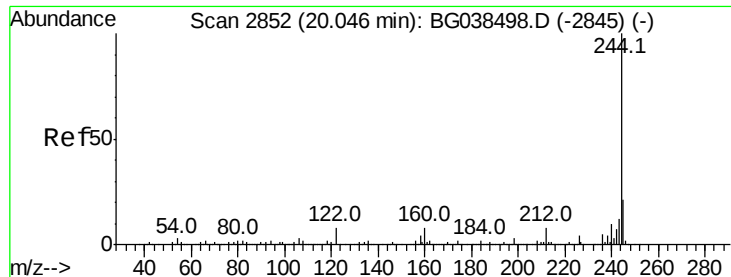


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.853 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038940.D

Acq: 4 Jan 2019 21:46

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PURGE-WATER

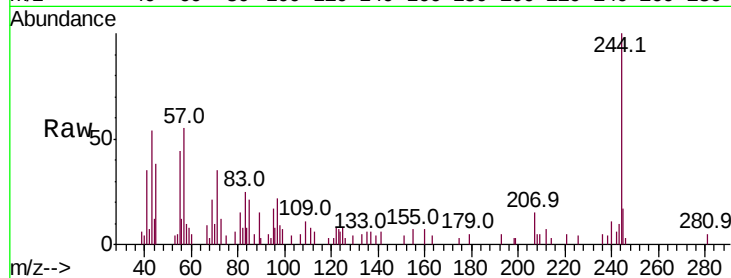
Tot Ion:244 Resp: 6445

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

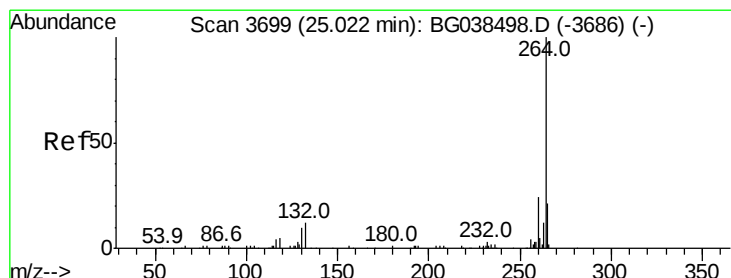
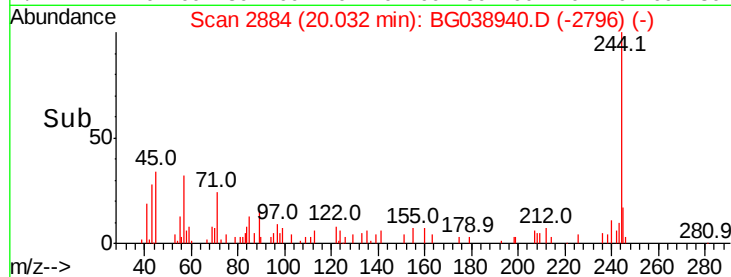
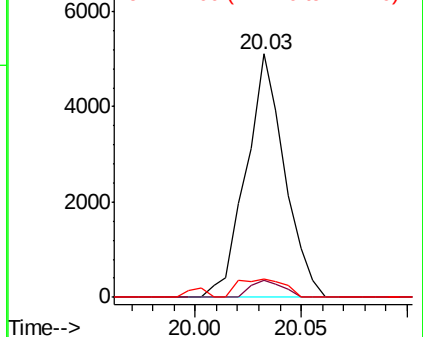
122 7.8 6.3 9.5



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: BG038940.D

Acq: 4 Jan 2019 21:46

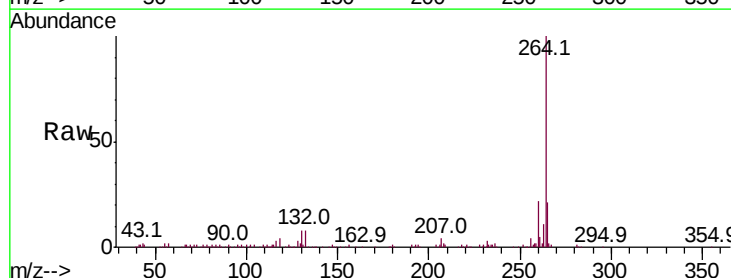
Tgt Ion:264 Resp: 174076

Ion Ratio Lower Upper

264 100

260 21.9 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

