

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041011.D
 Acq On : 1 Jun 2019 14:16
 Operator : HP/JU
 Sample : K3088-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-4

Quant Time: Jun 03 02:37:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60419	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	242744	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	173607	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	426317	20.00	ng	0.00
76) Chrysene-d12	21.77	240	422481	20.00	ng	-0.01
87) Perylene-d12	25.11	264	448135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	227837	68.00	ng	0.00
7) Phenol-d6	7.26	99	210902	40.76	ng	0.00
23) Nitrobenzene-d5	9.30	82	486911	89.05	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	344238	133.56	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1080640	89.64	ng	-0.01
79) Terphenyl-d14	20.09	244	1815284	91.19	ng	-0.01

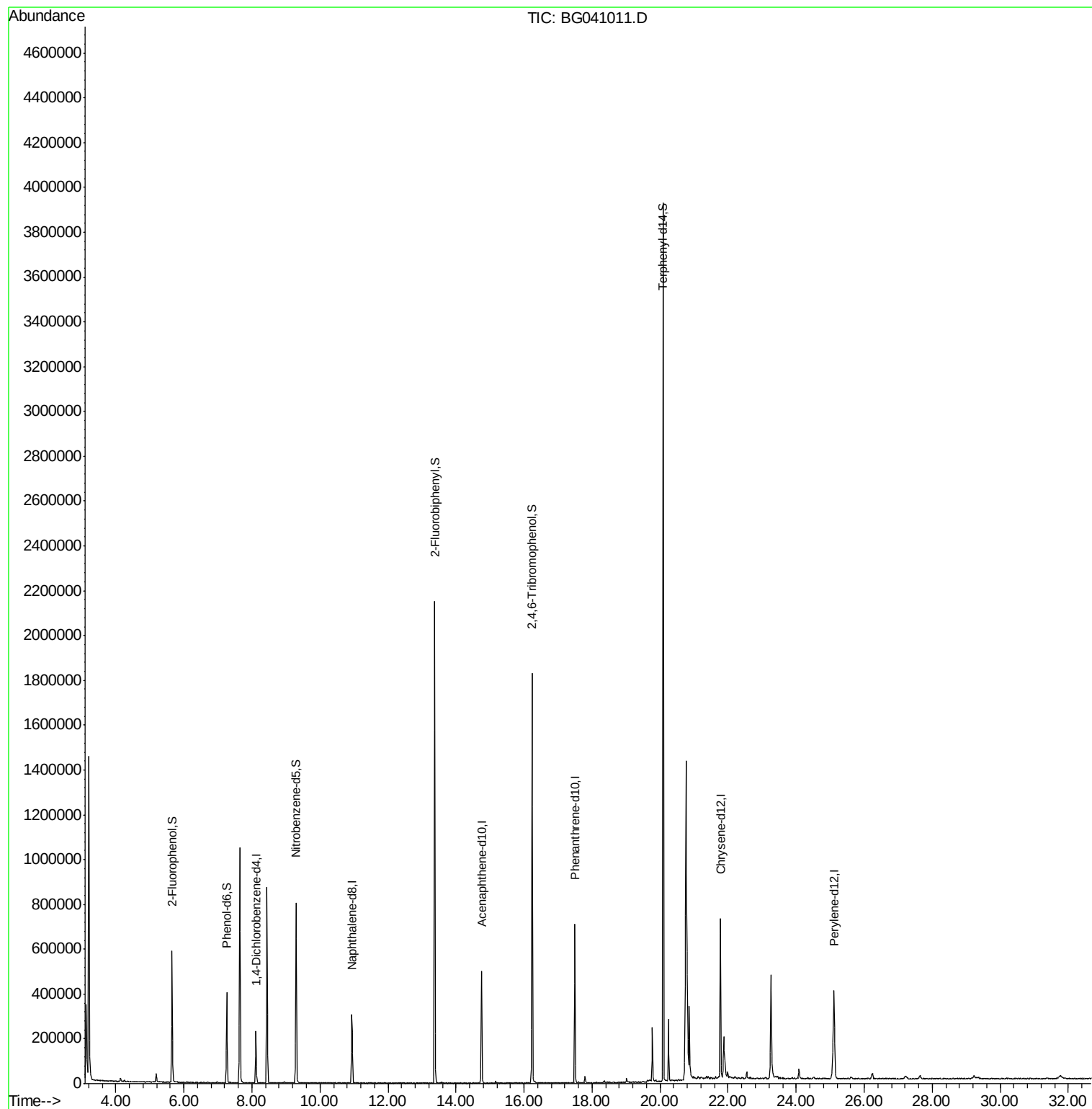
Target Compounds Qvalue

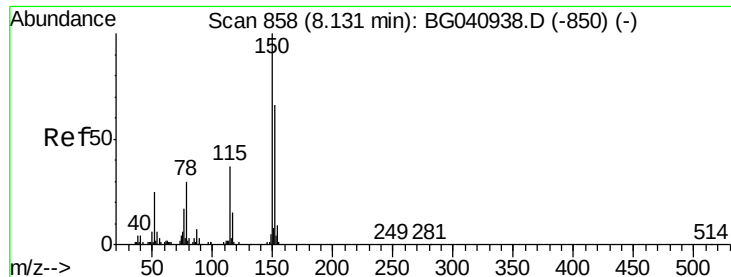
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041011.D
Acq On : 1 Jun 2019 14:16
Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-4

Quant Time: Jun 03 02:37:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

Instrument :

BNA_G

ClientSampleId :

W-4

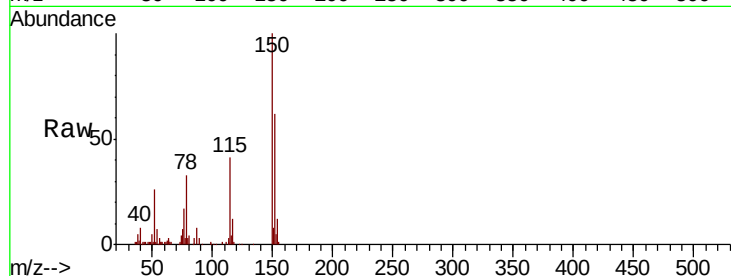
Tot Ion:152 Resp: 60419

Ion Ratio Lower Upper

152 100

150 160.4 120.6 180.8

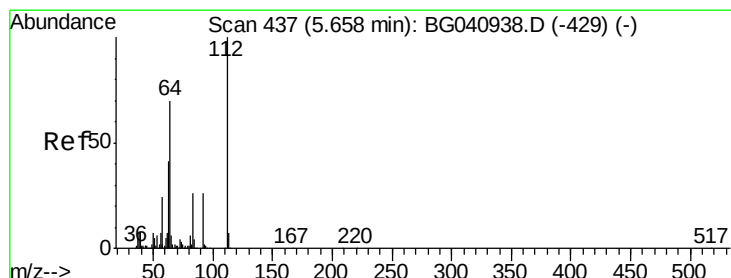
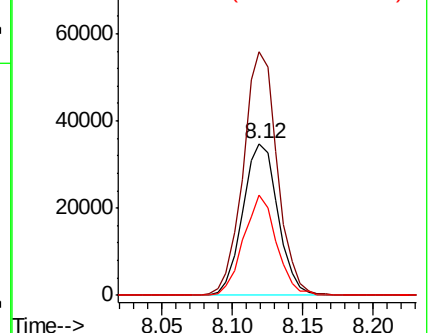
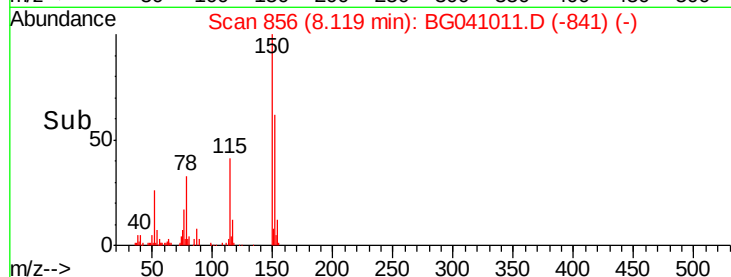
115 65.8 45.1 67.7



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: 67.998 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

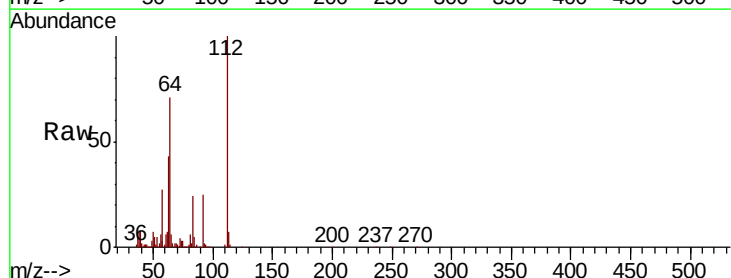
Tgt Ion:112 Resp: 227837

Ion Ratio Lower Upper

112 100

64 71.0 56.2 84.2

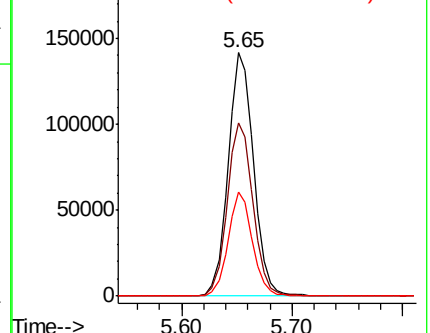
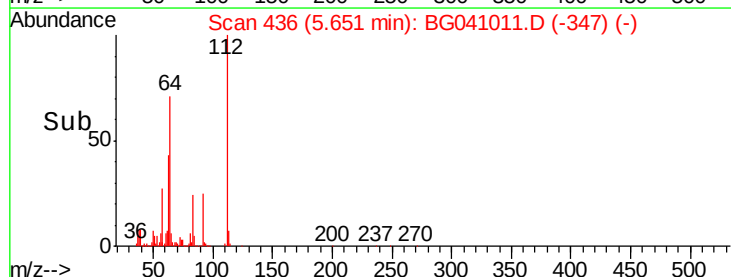
63 43.0 32.8 49.2

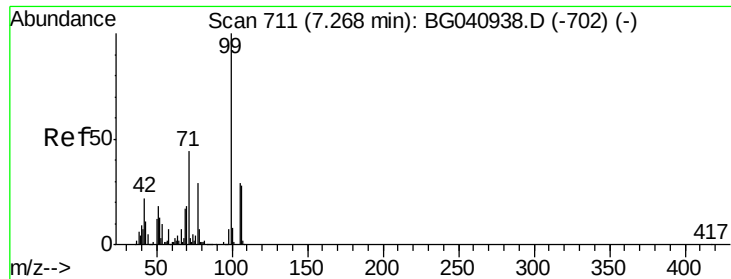


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.756 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

Instrument :

BNA_G

ClientSampleId :

W-4

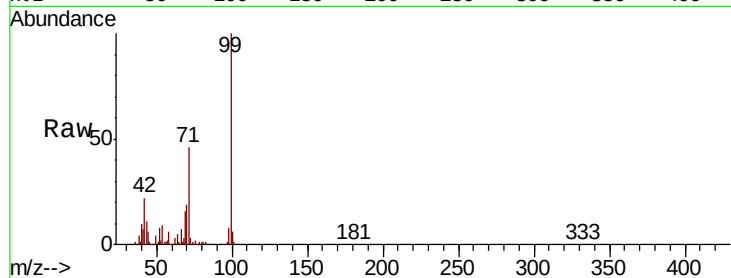
Tot Ion: 99 Resp: 210902

Ion Ratio Lower Upper

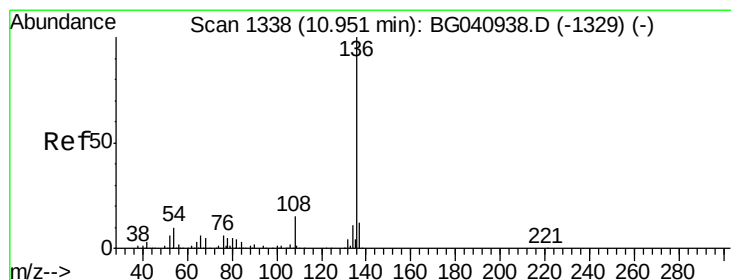
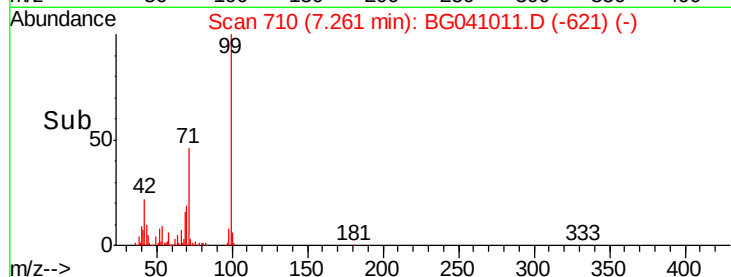
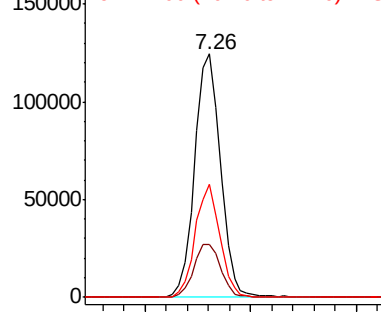
99 100

42 21.9 17.9 26.9

71 46.2 35.4 53.0



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: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

Tgt Ion: 136 Resp: 242744

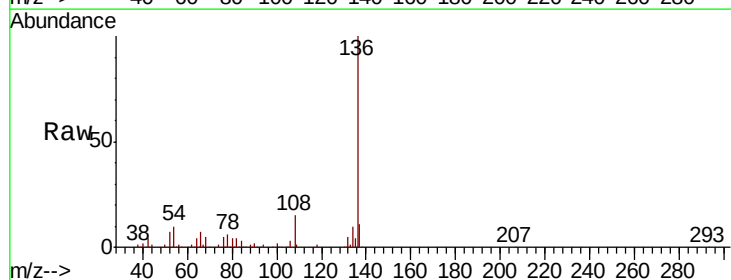
Ion Ratio Lower Upper

136 100

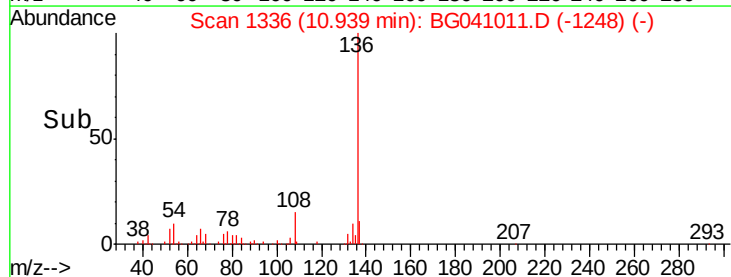
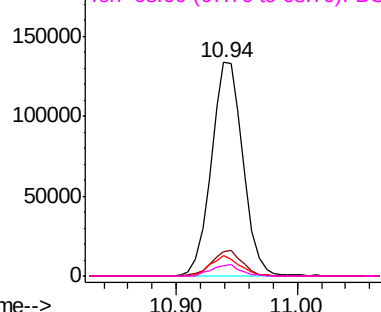
137 11.5 9.5 14.3

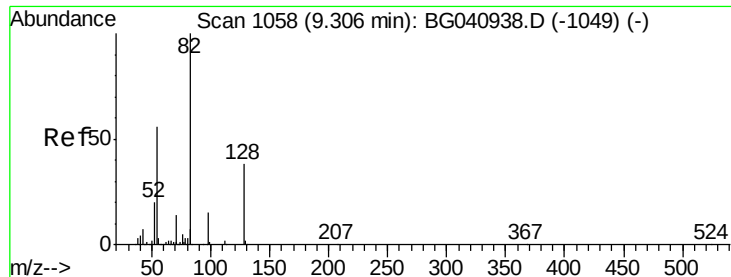
54 9.6 7.6 11.4

68 4.9 3.9 5.9



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

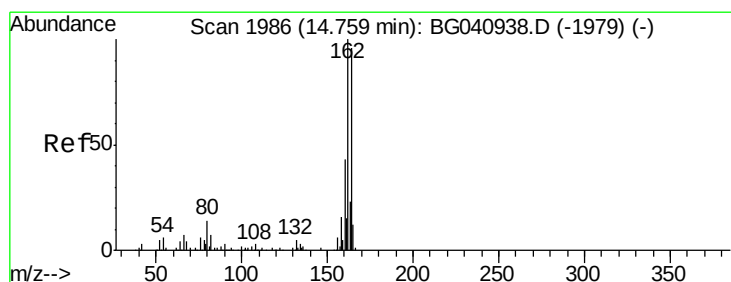
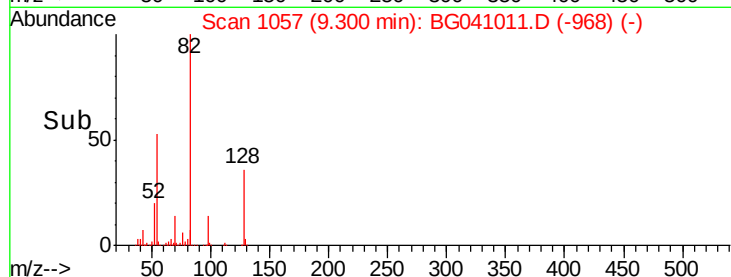
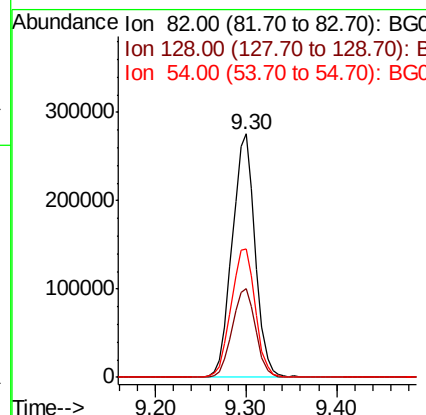
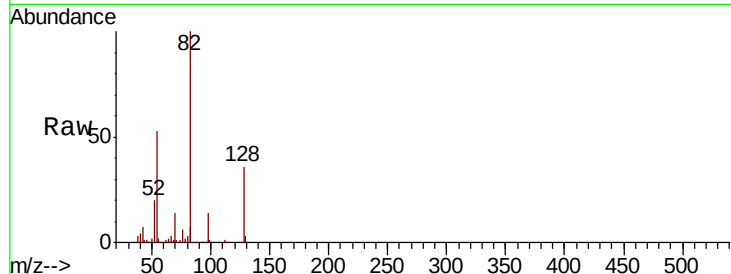




#23
 Nitrobenzene-d5
 Concen: 89.048 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041011.D
 Acq: 1 Jun 2019 14:16

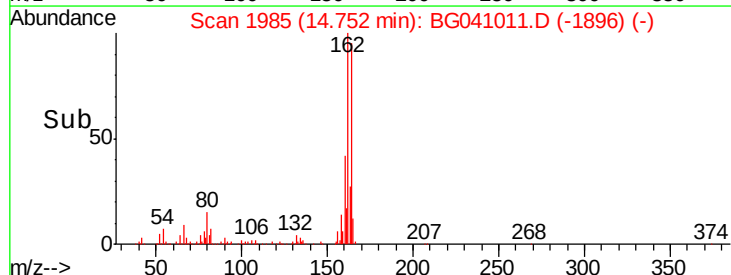
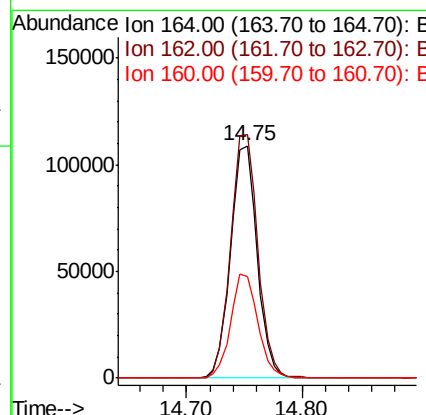
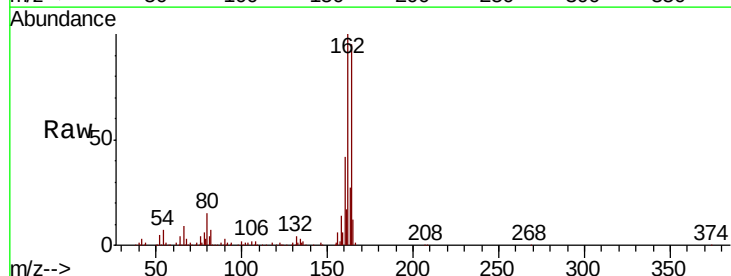
Instrument :
 BNA_G
 ClientSampleId :
 W-4

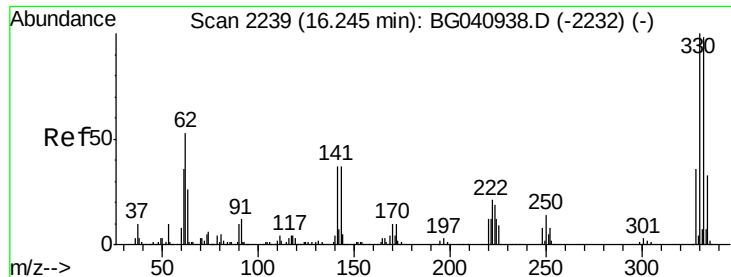
Tot Ion	82	Resp	486911
Ion Ratio	Lower	Upper	
82	100		
128	36.5	30.5	45.7
54	52.9	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG041011.D
 Acq: 1 Jun 2019 14:16

Tgt Ion	164	Resp	173607
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.0	124.4
160	43.8	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 133.564 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

Instrument :

BNA_G

ClientSampleId :

W-4

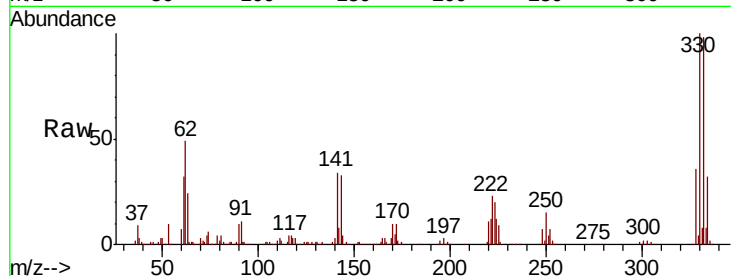
Tot Ion:330 Resp: 344238

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 36.7 28.7 43.1

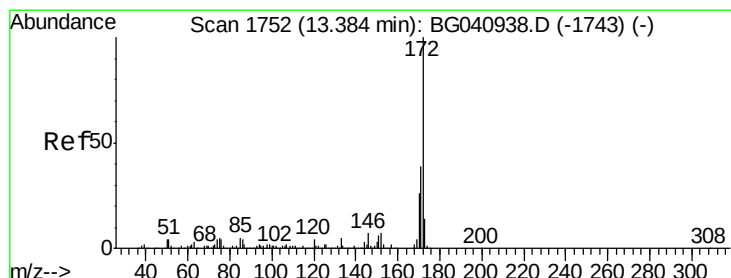
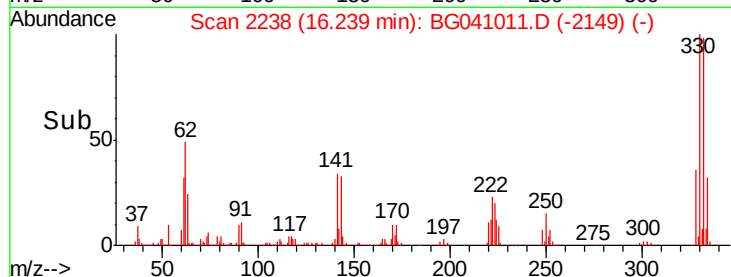
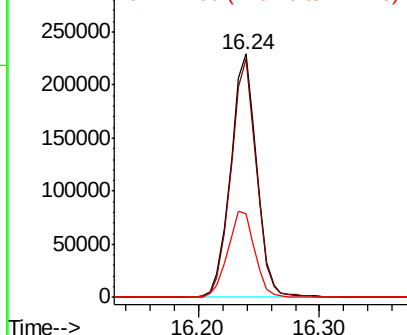


Abundance

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: 89.641 ng

RT: 13.37 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

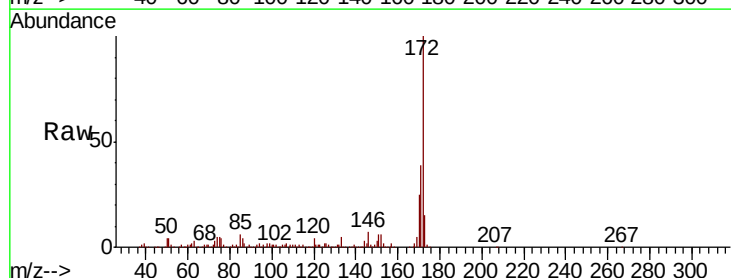
Tgt Ion:172 Resp: 1080640

Ion Ratio Lower Upper

172 100

171 38.6 31.1 46.7

170 24.8 20.5 30.7

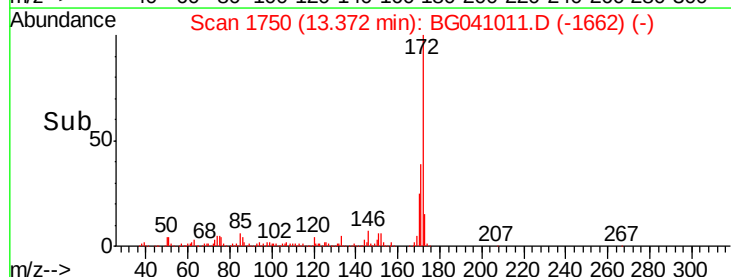
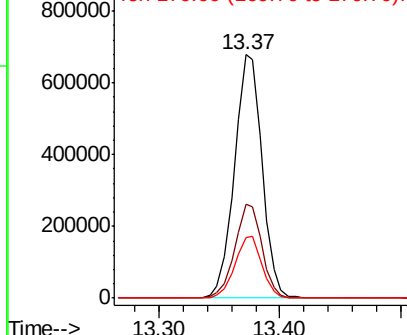


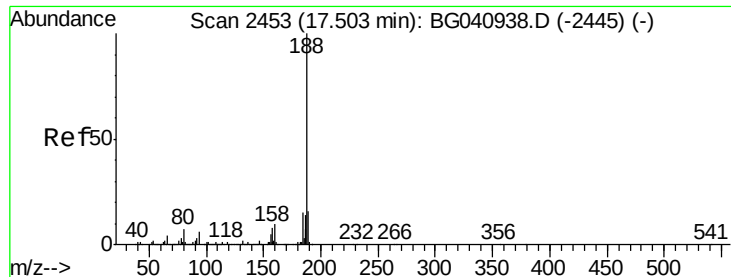
Abundance

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

Instrument :

BNA_G

ClientSampleId :

W-4

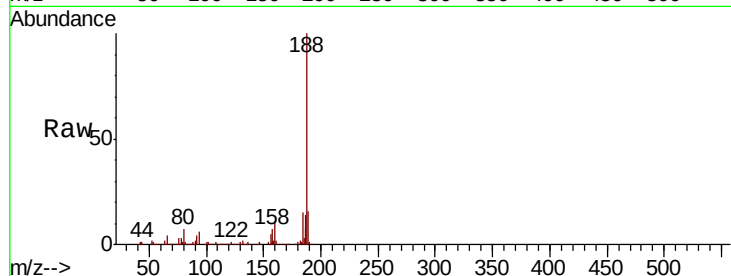
Tot Ion:188 Resp: 426317

Ion Ratio Lower Upper

188 100

94 6.3 4.7 7.1

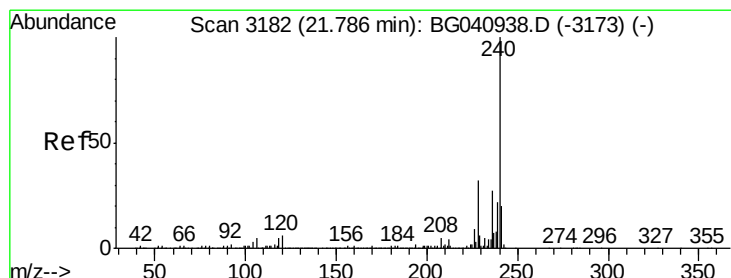
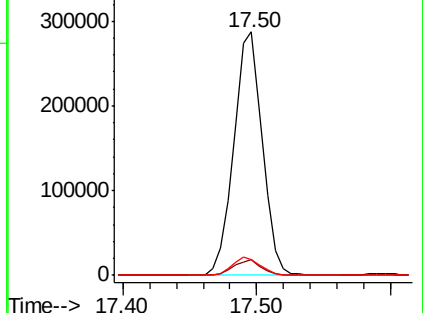
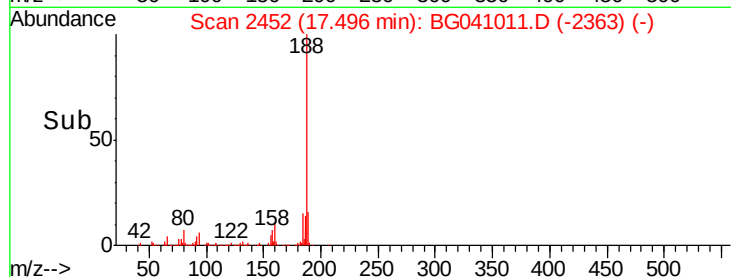
80 6.6 5.8 8.8



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: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

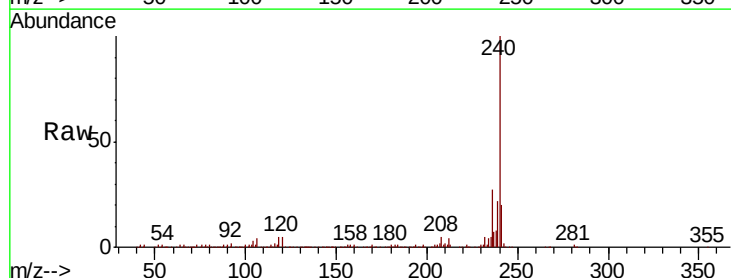
Tgt Ion:240 Resp: 422481

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

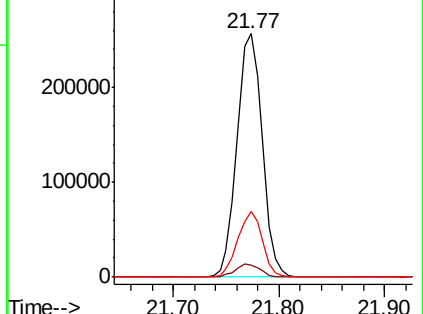
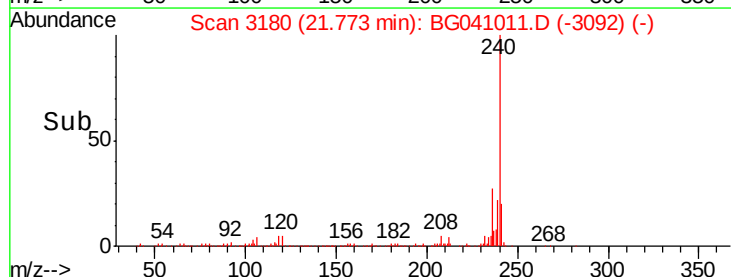
236 27.0 21.3 31.9

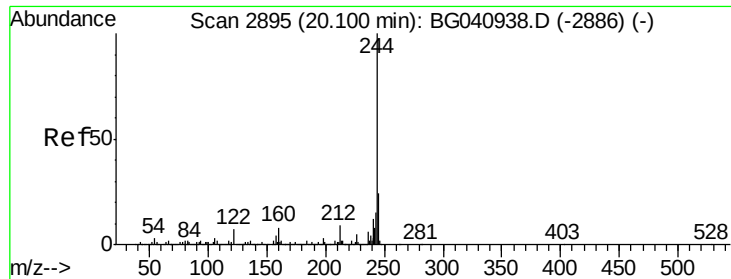


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.191 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

Instrument :

BNA_G

ClientSampleId :

W-4

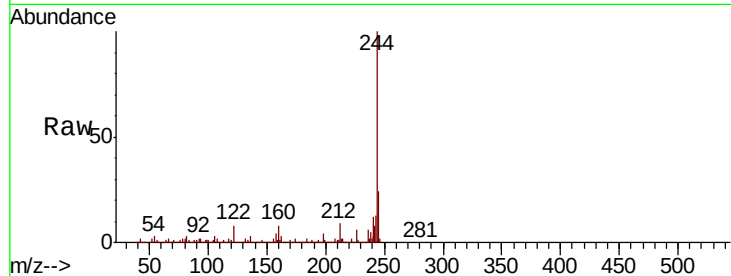
Tot Ion:244 Resp: 1815284

Ion Ratio Lower Upper

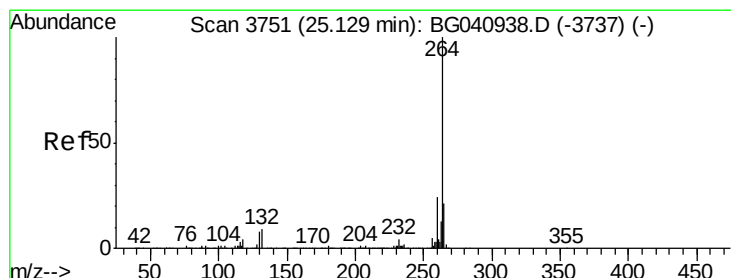
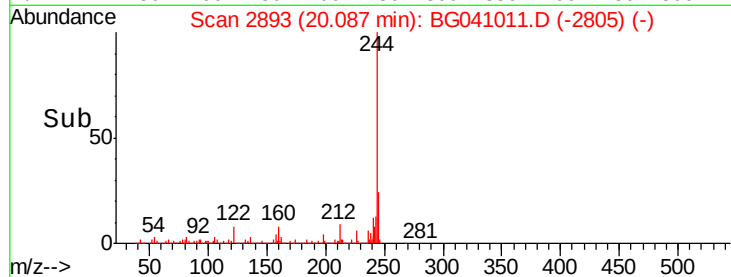
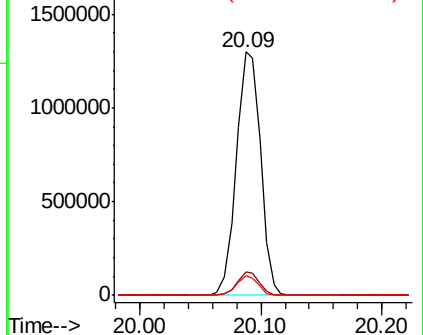
244 100

212 9.5 7.0 10.4

122 8.1 5.4 8.0#



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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041011.D

Acq: 1 Jun 2019 14:16

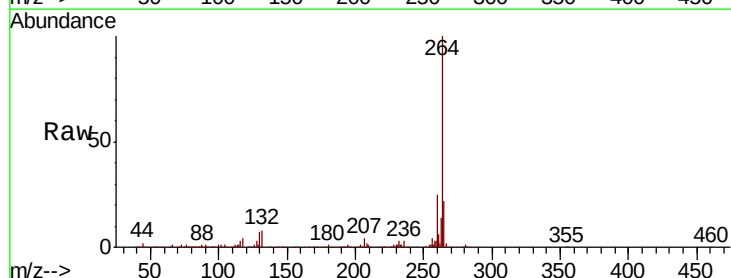
Tgt Ion:264 Resp: 448135

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.4

265 22.3 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

