

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041100.D
 Acq On : 7 Jun 2019 14:08
 Operator : HP/JU
 Sample : K3203-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW039-190604

Quant Time: Jun 08 17:47:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	34475	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	142226	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	115211	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308772	20.00	ng	0.00
76) Chrysene-d12	21.76	240	305015	20.00	ng	0.00
87) Perylene-d12	25.08	264	318308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	128453	67.19	ng	0.00
7) Phenol-d6	7.25	99	118269	40.05	ng	0.00
23) Nitrobenzene-d5	9.28	82	297812	92.96	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	254034	148.52	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	752631	94.08	ng	0.00
79) Terphenyl-d14	20.08	244	1394585	97.04	ng	0.00

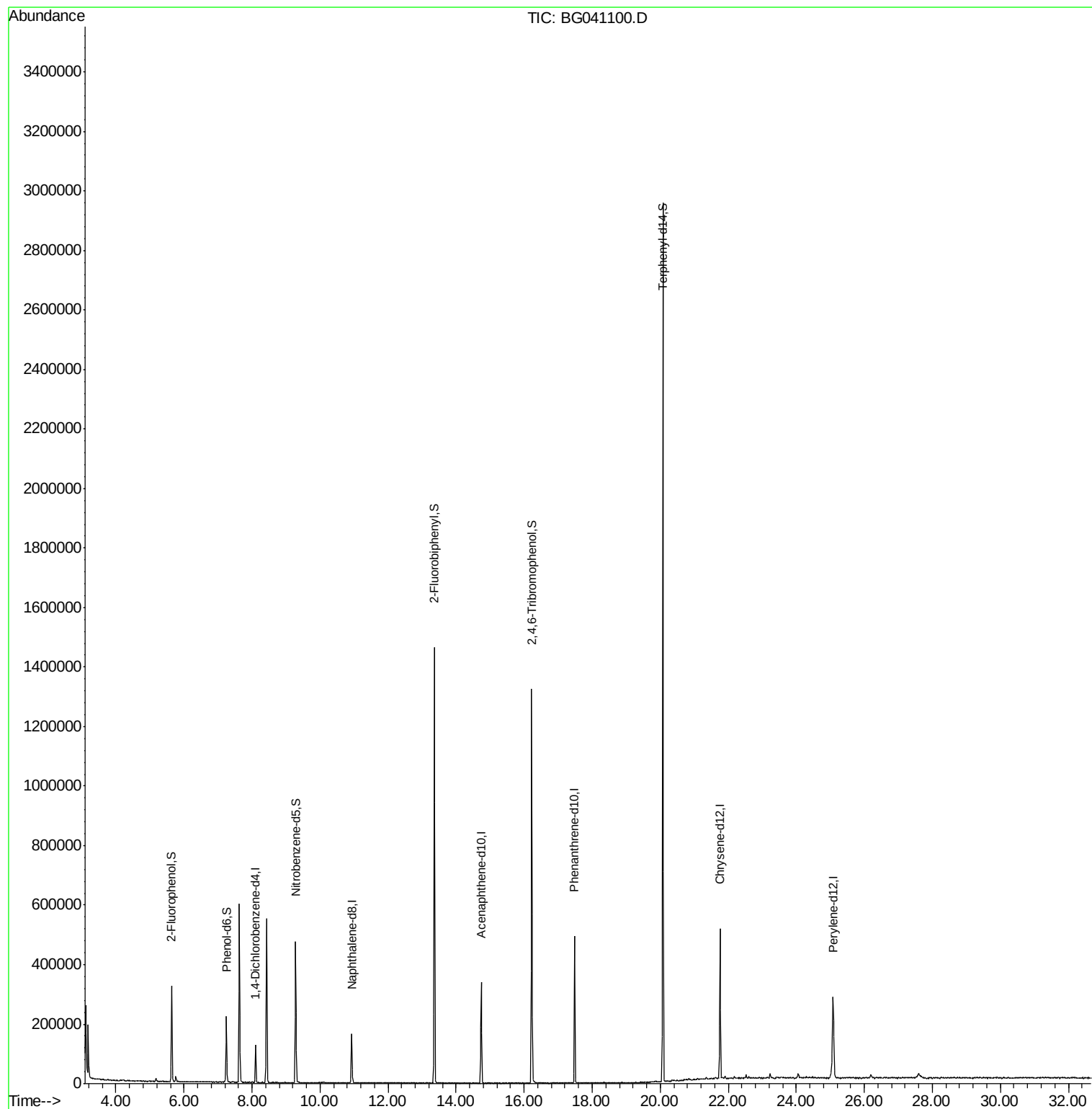
Target Compounds Qvalue

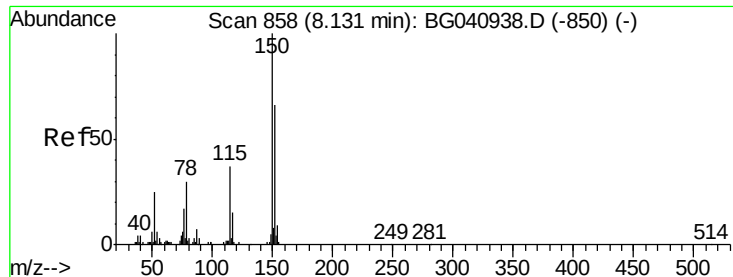
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SS043MW039-190604

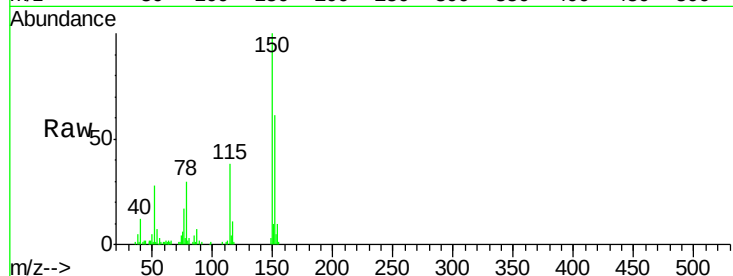
Tot Ion:152 Resp: 34475

Ion Ratio Lower Upper

152 100

150 163.6 111.7 167.5

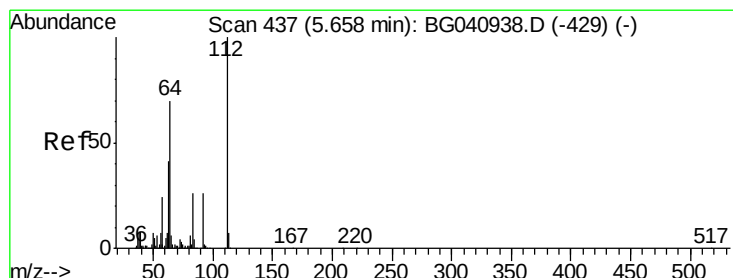
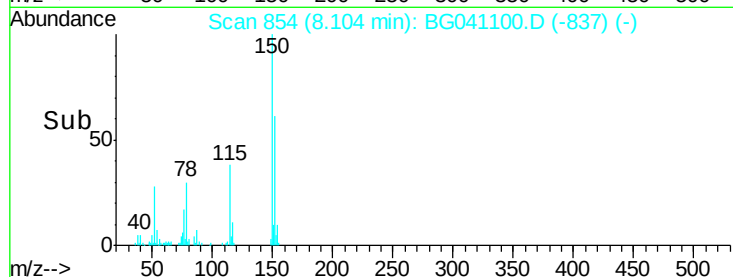
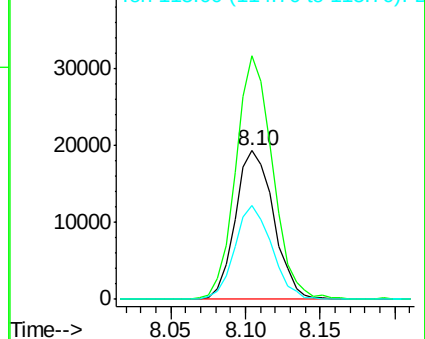
115 62.8 48.6 73.0



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: 67.187 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

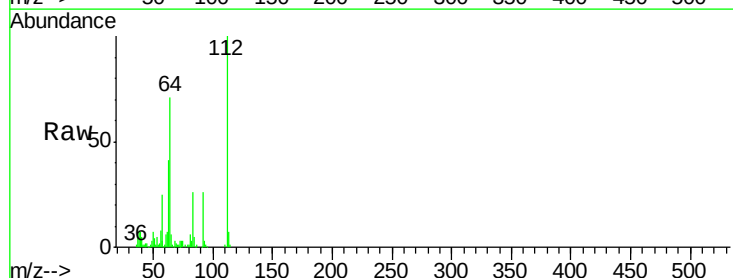
Tgt Ion:112 Resp: 128453

Ion Ratio Lower Upper

112 100

64 71.4 54.5 81.7

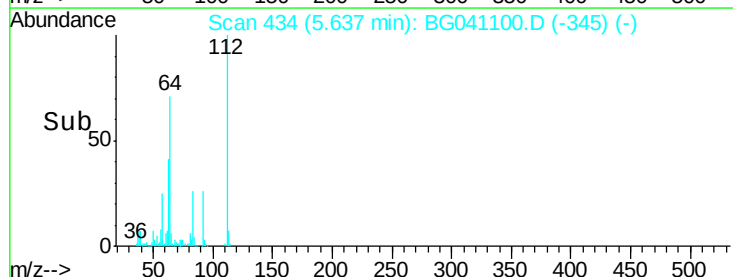
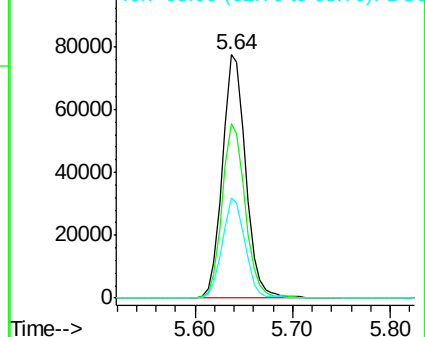
63 41.1 32.2 48.2

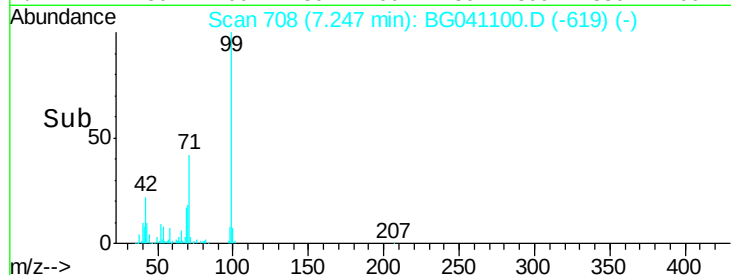
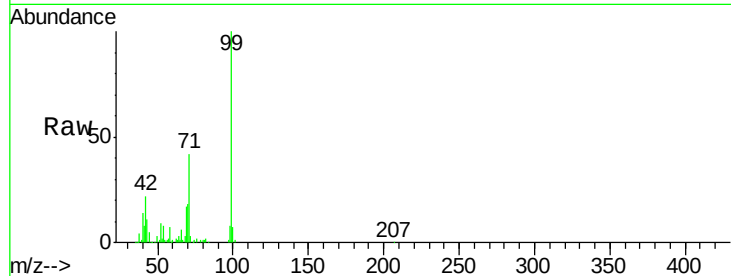
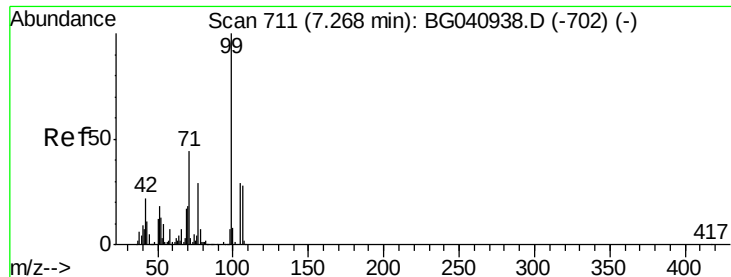


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.055 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SS043MW039-190604

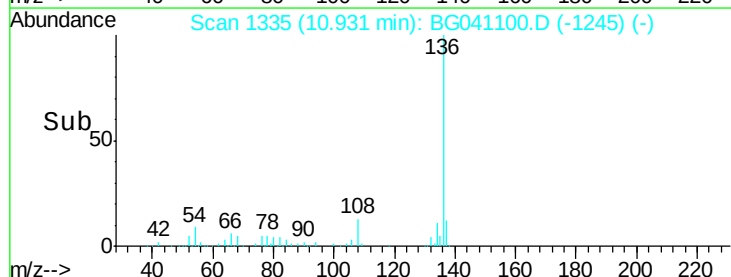
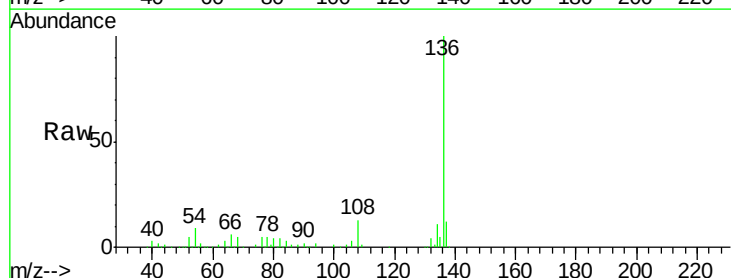
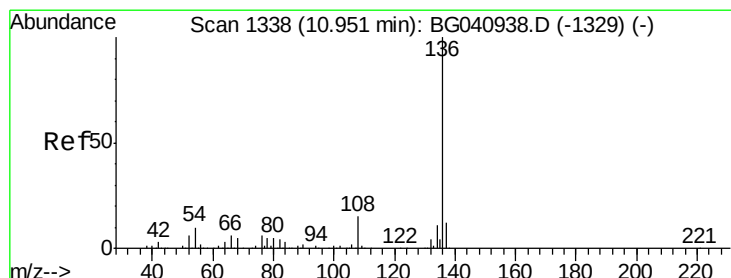
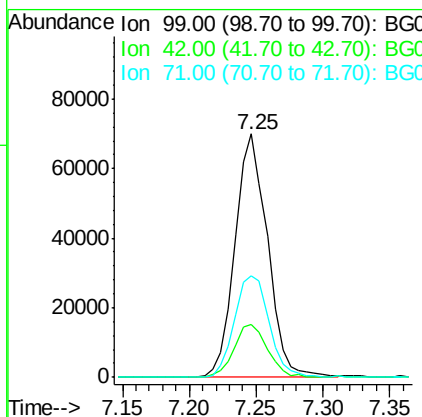
Tot Ion: 99 Resp: 118269

Ion Ratio Lower Upper

99 100

42 22.0 18.8 28.2

71 41.7 35.6 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

Tgt Ion: 136 Resp: 142226

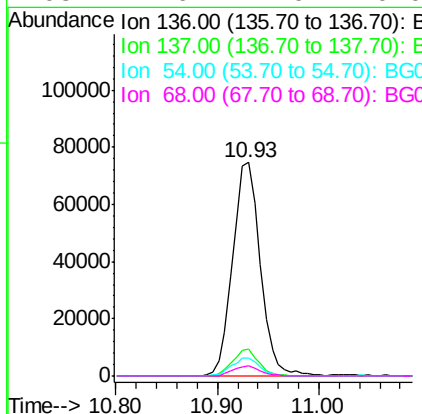
Ion Ratio Lower Upper

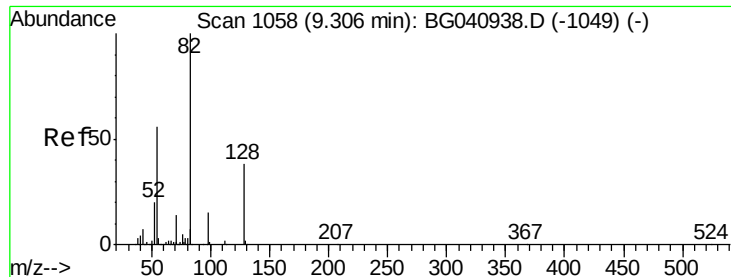
136 100

137 12.4 8.9 13.3

54 8.5 7.4 11.2

68 4.6 4.0 6.0

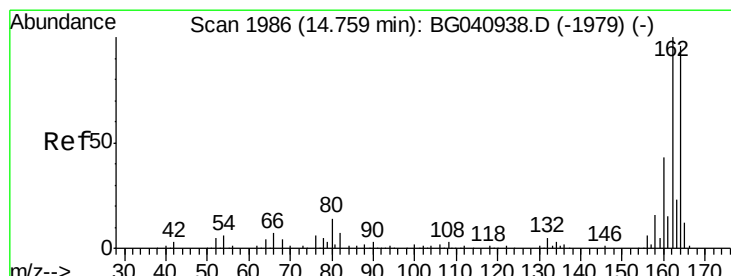
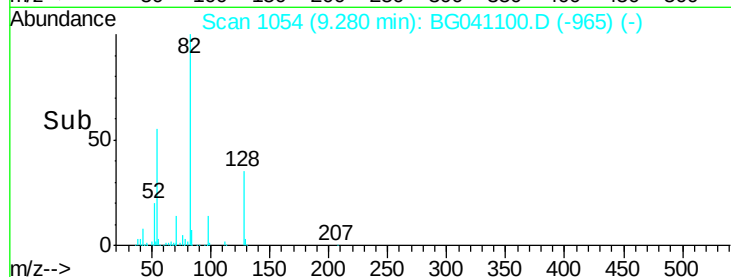
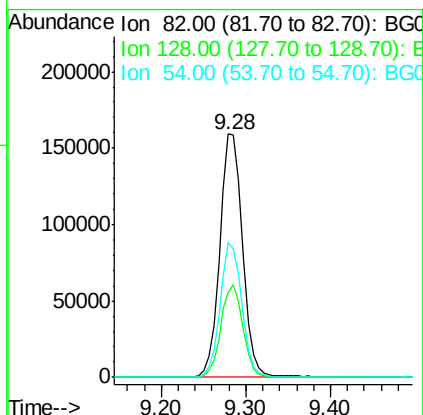
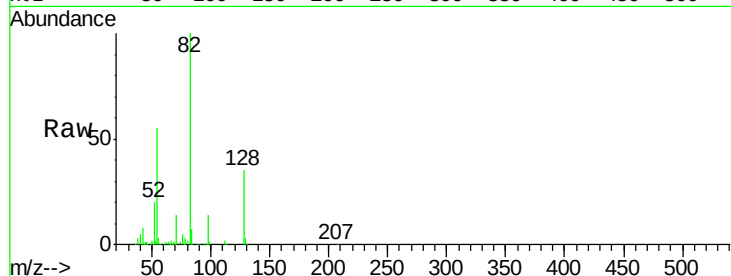




#23
Nitrobenzene-d5
Concen: 92.957 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041100.D
Acq: 7 Jun 2019 14:08

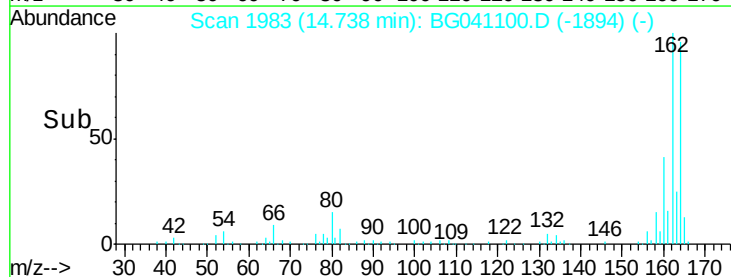
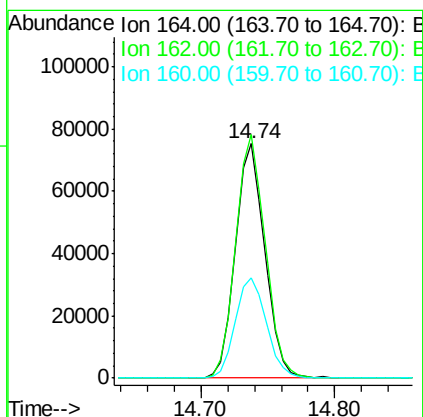
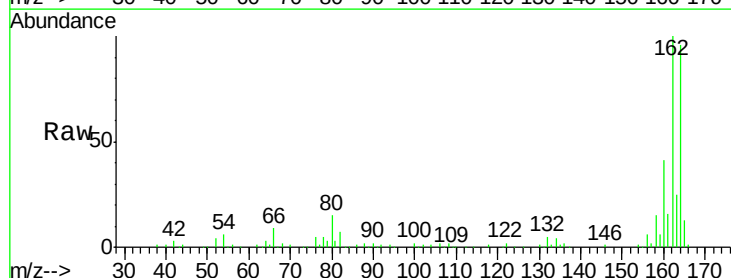
Instrument :
BNA_G
ClientSampleId :
SS043MW039-190604

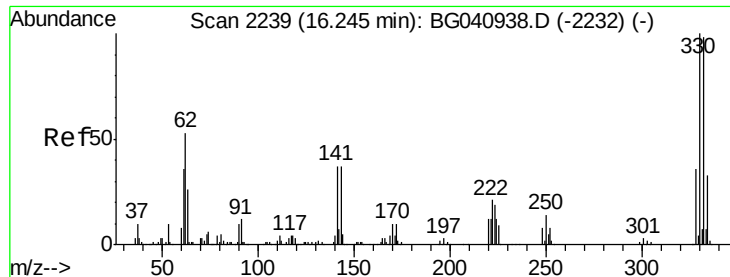
Tot Ion	82	Resp	297812
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.8	44.6
54	55.2	43.6	65.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041100.D
Acq: 7 Jun 2019 14:08

Tgt Ion	164	Resp	115211
Ion Ratio	Lower	Upper	
164	100		
162	103.8	85.4	128.0
160	42.6	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 148.524 ng

RT: 16.22 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SS043MW039-190604

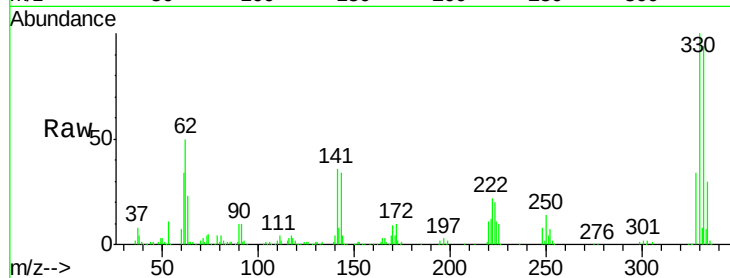
Tot Ion:330 Resp: 254034

Ion Ratio Lower Upper

330 100

332 96.5 77.9 116.9

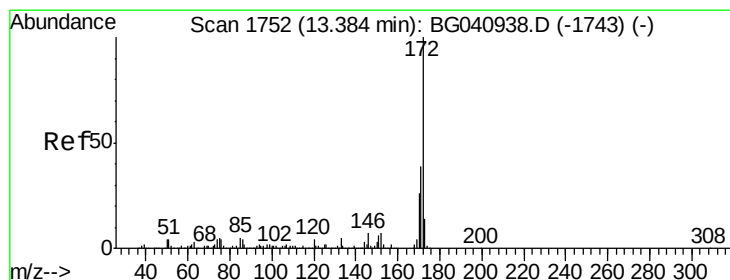
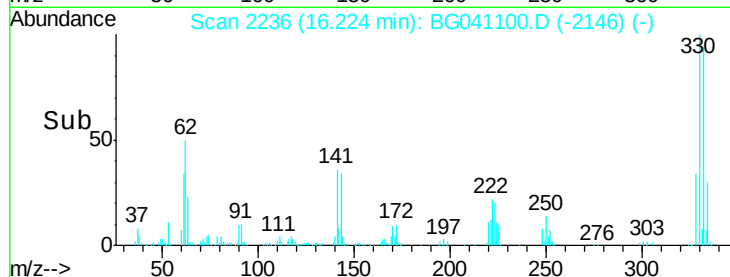
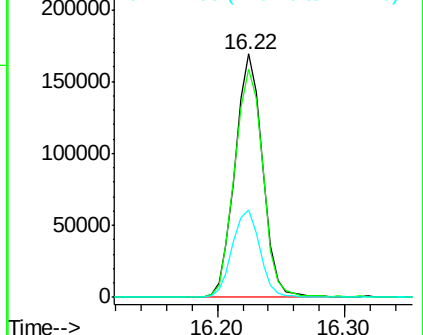
141 36.0 29.0 43.4



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: 94.077 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

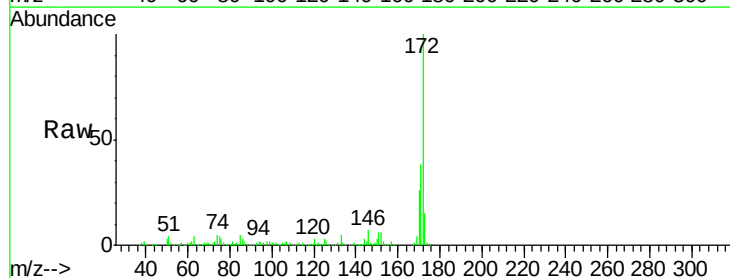
Tgt Ion:172 Resp: 752631

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

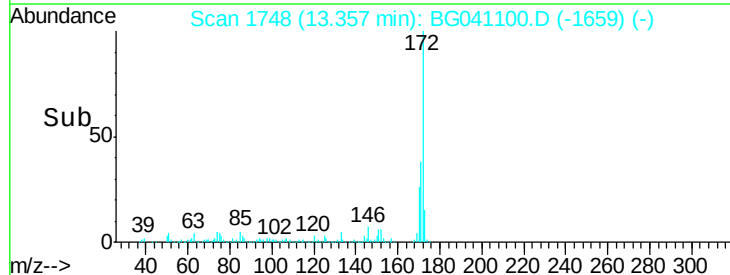
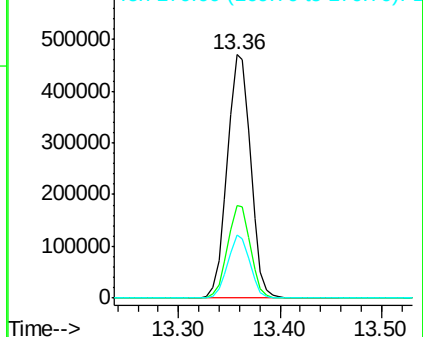
170 25.7 21.3 31.9

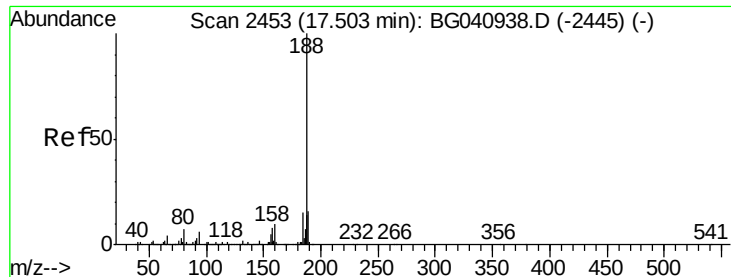


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SS043MW039-190604

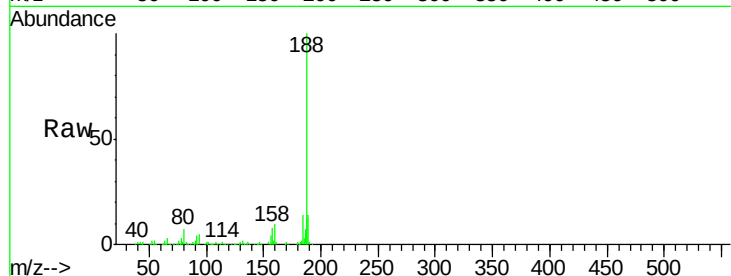
Tot Ion:188 Resp: 308772

Ion Ratio Lower Upper

188 100

94 5.5 4.6 7.0

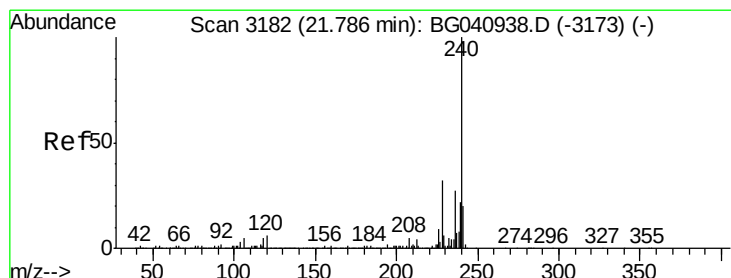
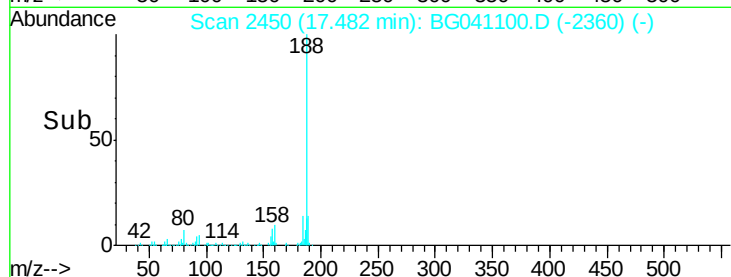
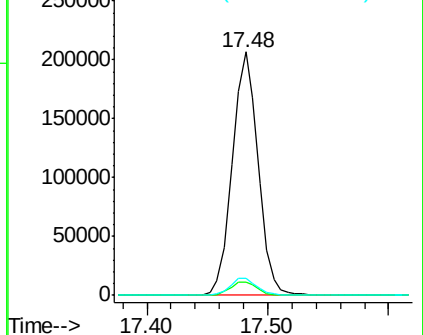
80 7.2 5.8 8.8



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

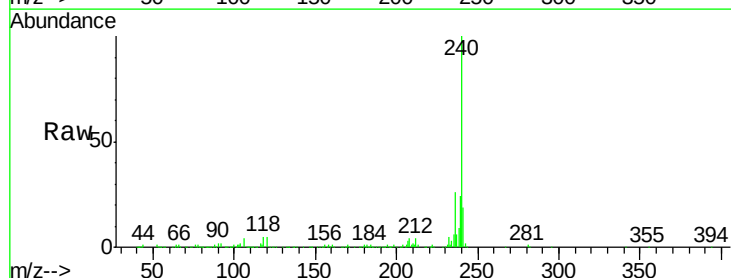
Tgt Ion:240 Resp: 305015

Ion Ratio Lower Upper

240 100

120 4.7 4.6 6.8

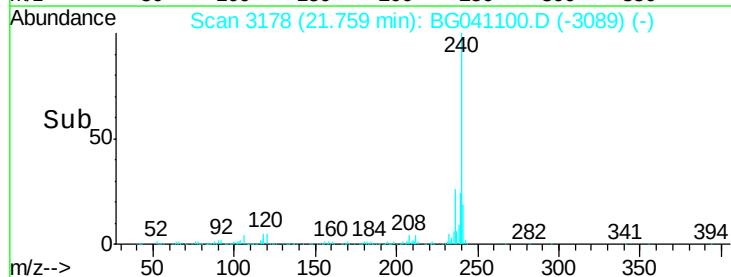
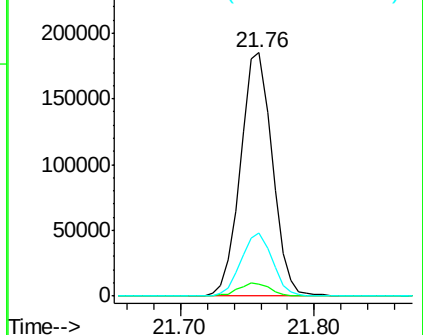
236 26.0 20.6 31.0

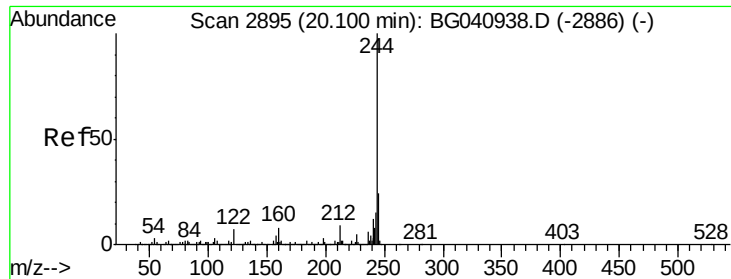


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.038 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SS043MW039-190604

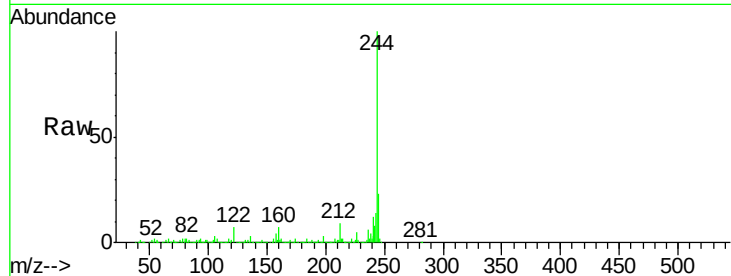
Tot Ion:244 Resp: 1394585

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

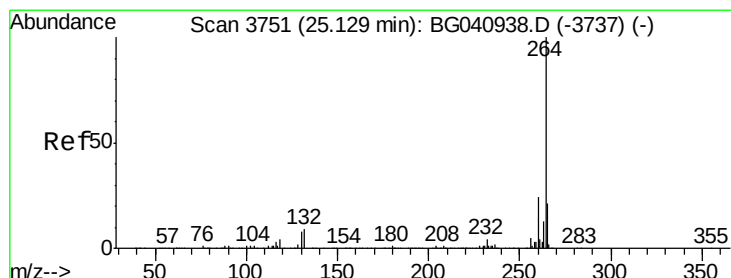
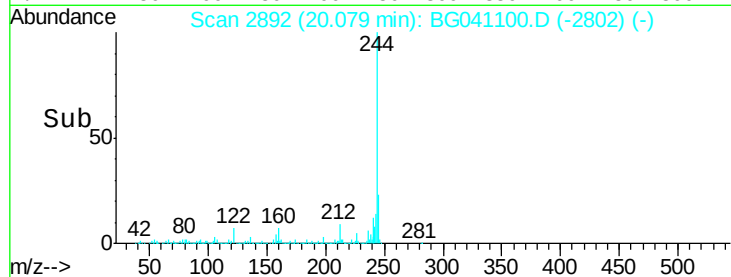
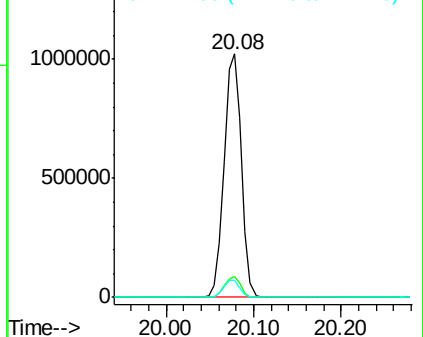
122 6.9 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041100.D

Acq: 7 Jun 2019 14:08

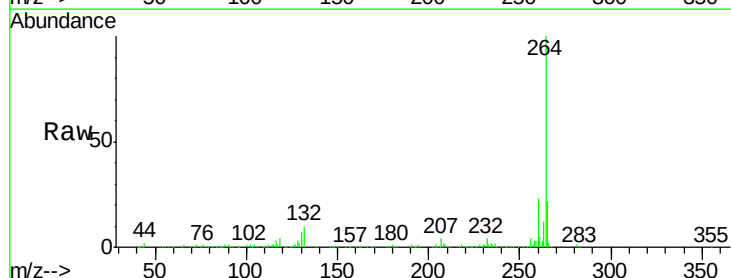
Tgt Ion:264 Resp: 318308

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.6 17.6 26.4



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

