

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041261.D
 Acq On : 14 Jun 2019 20:03
 Operator : HP/JU
 Sample : K3340-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-2

Quant Time: Jun 15 04:37:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 15:26:06 2019
 Response via : Initial Calibration

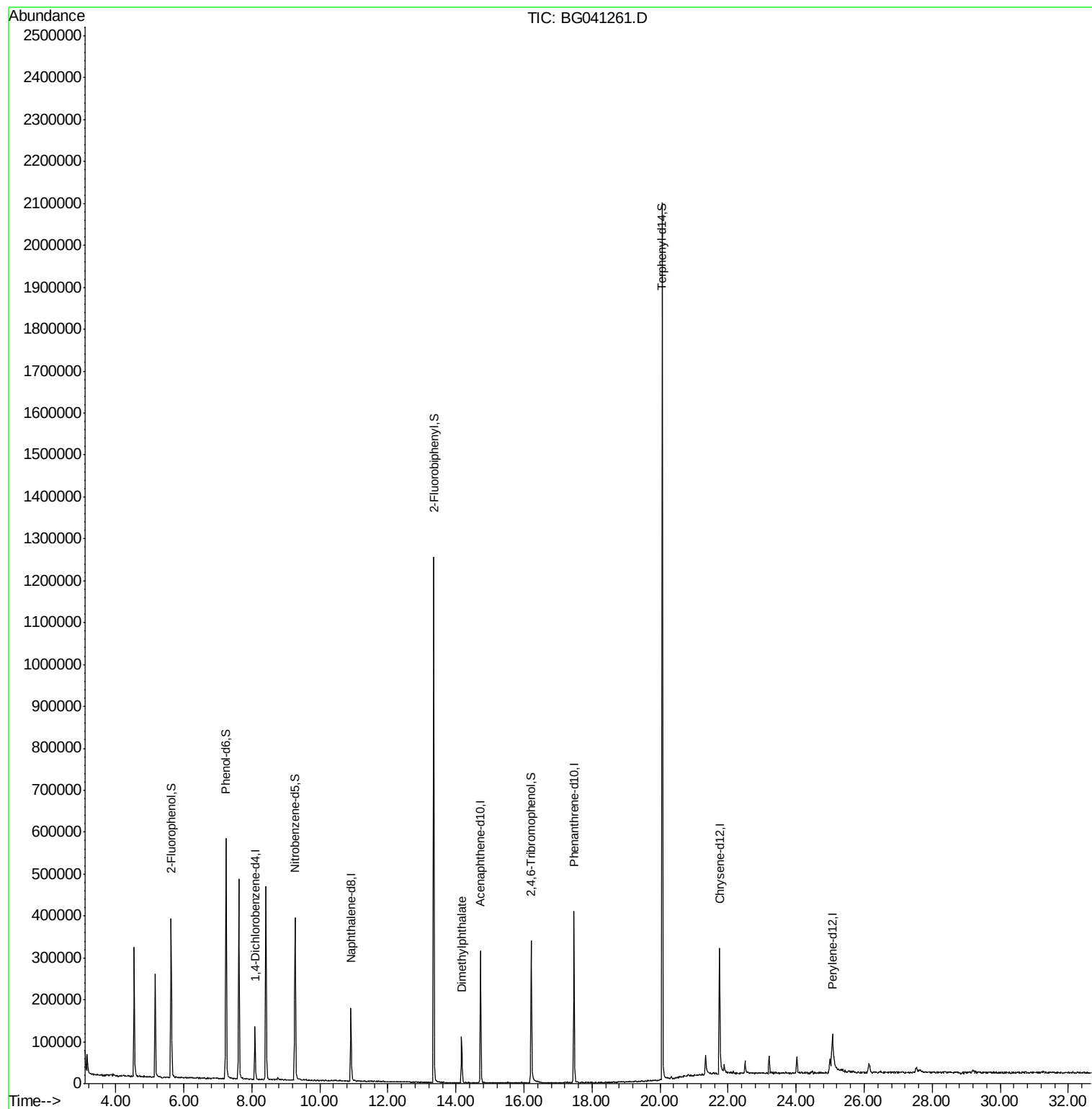
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36309	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	145202	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	109671	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	261053	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	232912	20.00	ng	-0.01
87) Perylene-d12	25.07	264	177436	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	154560	78.44	ng	0.00
7) Phenol-d6	7.24	99	304691	101.15	ng	0.00
23) Nitrobenzene-d5	9.27	82	256821	76.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	74473	49.09	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	628983	75.91	ng	-0.01
79) Terphenyl-d14	20.07	244	1013097	85.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.17	163	79229	8.571	ng	Qvalue 98

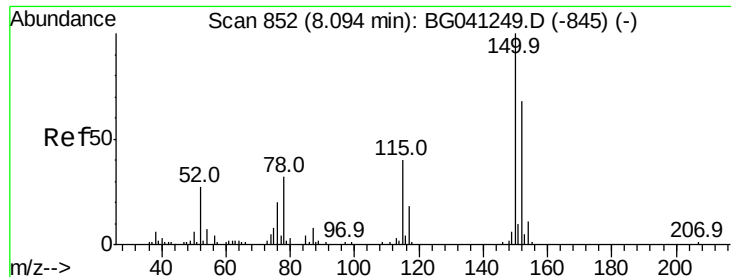
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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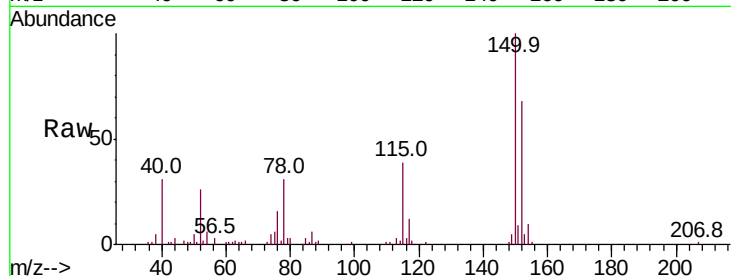


#1

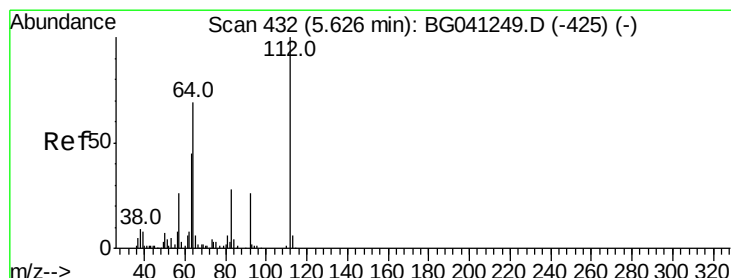
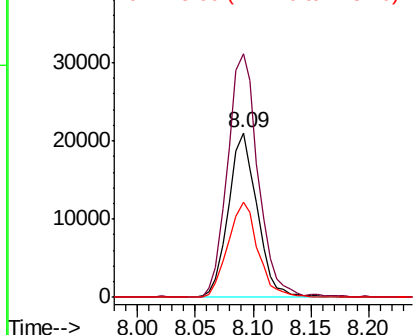
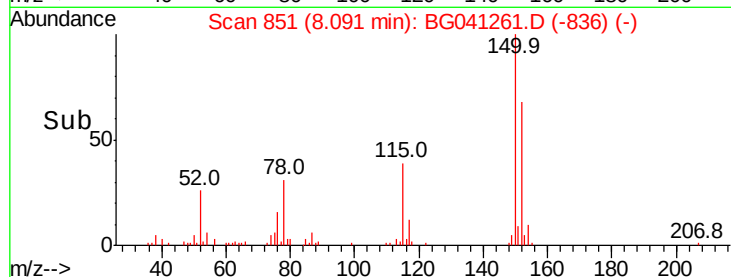
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG041261.D
Acq: 14 Jun 2019 20:03

Instrument :
BNA_G
ClientSampleId :
BUS-2

Tot Ion:152 Resp: 36309
Ion Ratio Lower Upper
152 100
150 147.9 120.6 180.8
115 58.0 45.1 67.7



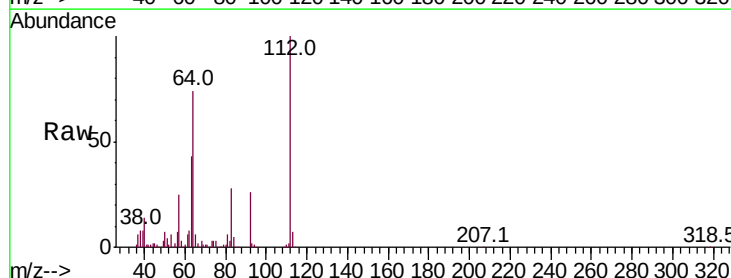
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



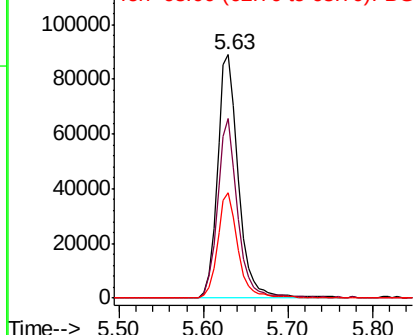
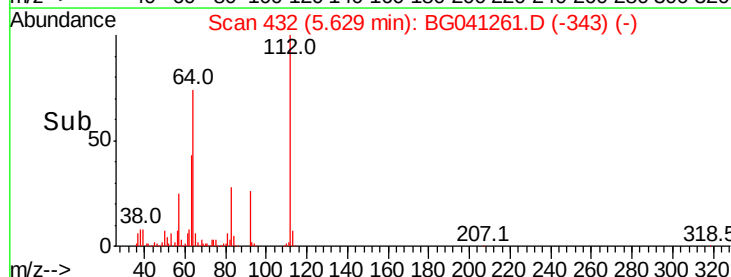
#5

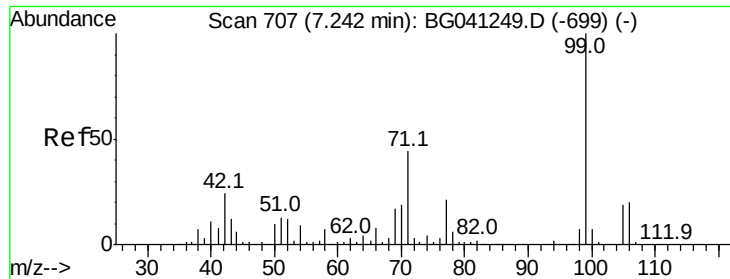
2-Fluorophenol
Concen: 78.437 ng
RT: 5.63 min Scan# 432
Delta R.T. -0.01 min
Lab File: BG041261.D
Acq: 14 Jun 2019 20:03

Tgt Ion:112 Resp: 154560
Ion Ratio Lower Upper
112 100
64 73.5 56.2 84.2
63 43.1 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: 101.146 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

Instrument :

BNA_G

ClientSampleId :

BUS-2

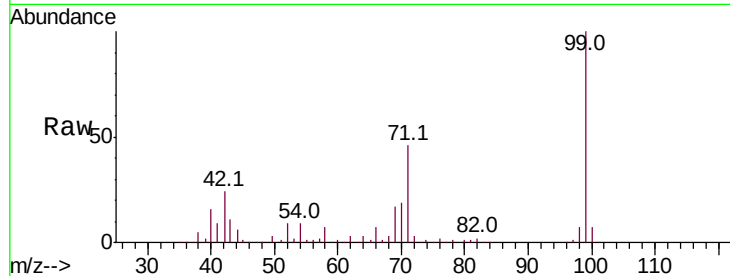
Tot Ion: 99 Resp: 304691

Ion Ratio Lower Upper

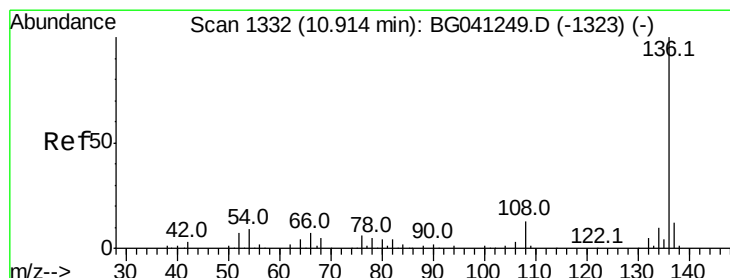
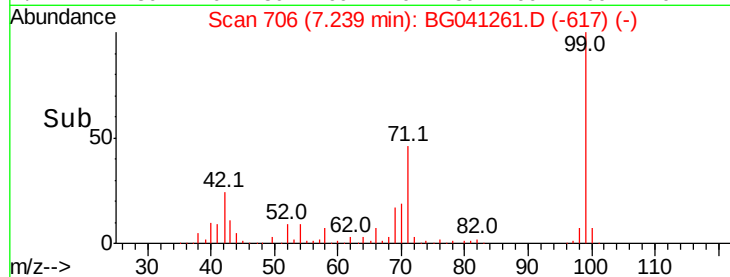
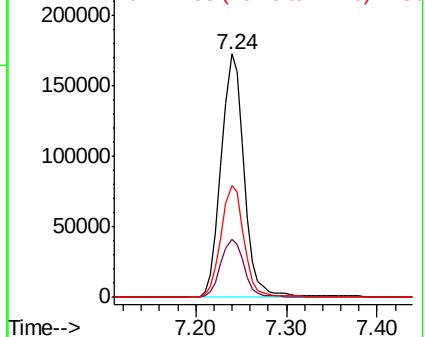
99 100

42 23.7 17.9 26.9

71 45.9 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: 10.91 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

Tgt Ion: 136 Resp: 145202

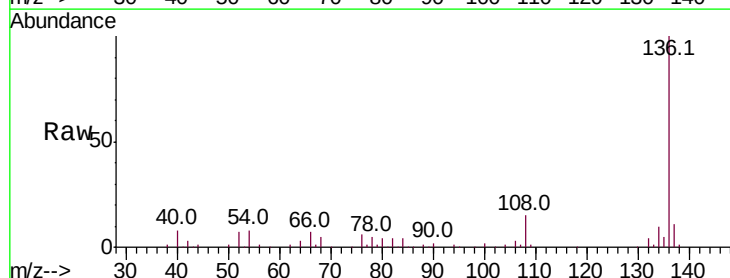
Ion Ratio Lower Upper

136 100

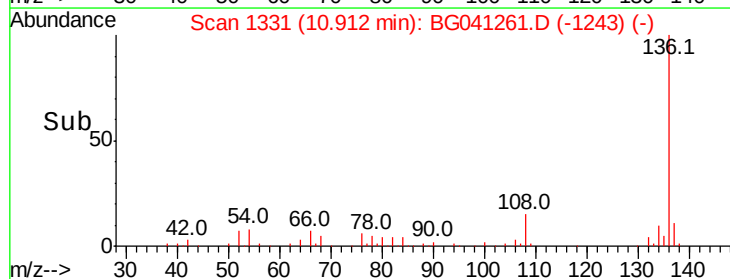
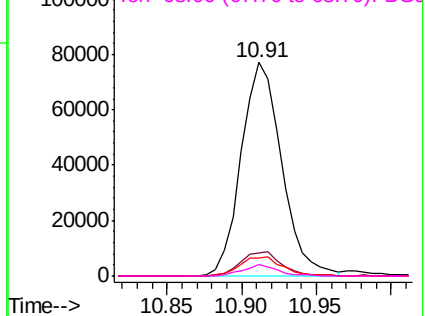
137 10.7 9.5 14.3

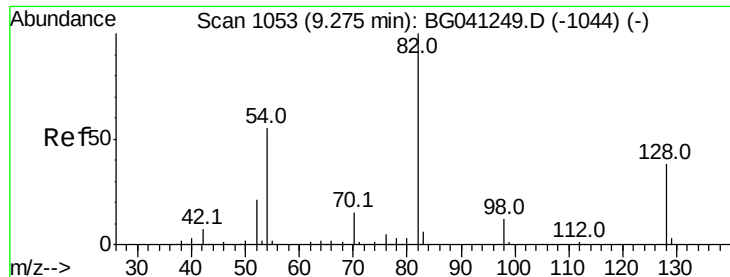
54 8.2 7.6 11.4

68 5.3 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

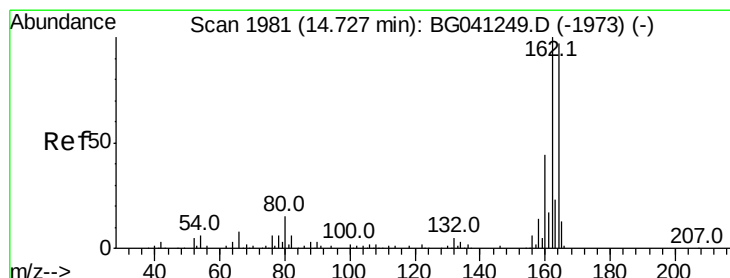
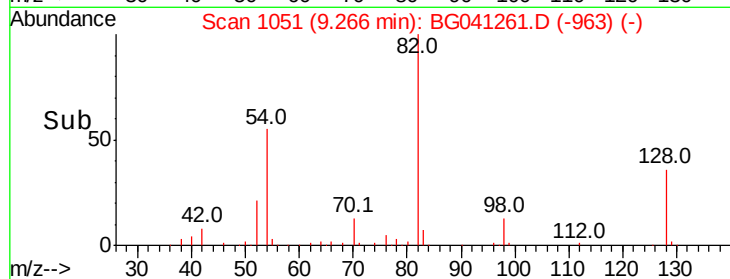
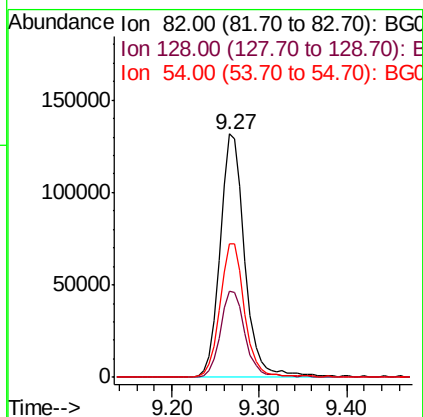
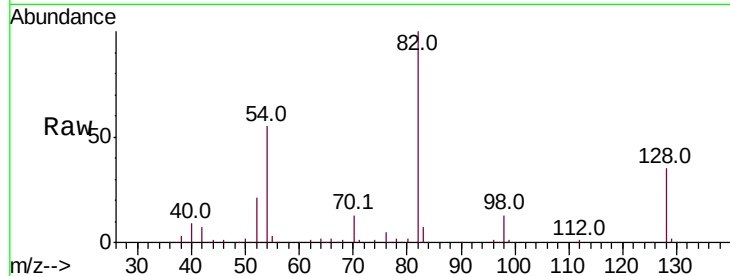




#23
Nitrobenzene-d5
Concen: 76.761 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG041261.D
Acq: 14 Jun 2019 20:03

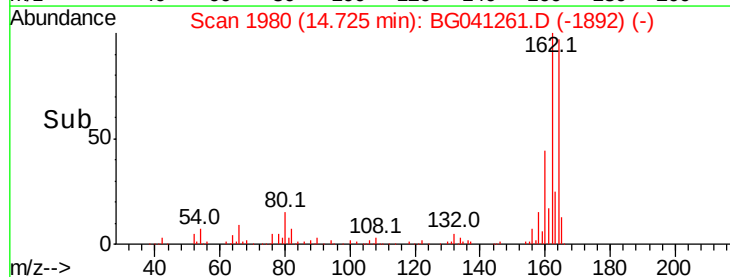
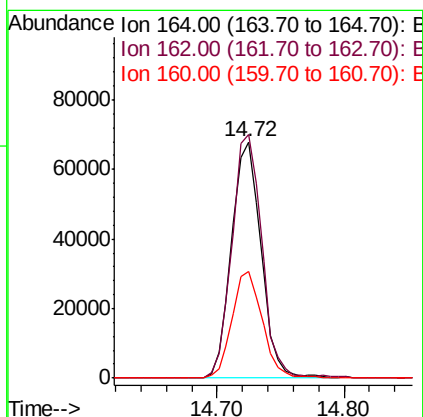
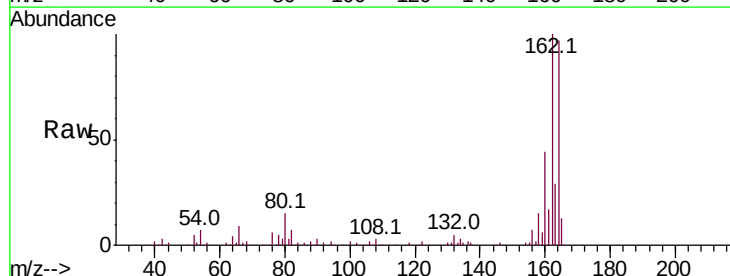
Instrument :
BNA_G
ClientSampleID :
BUS-2

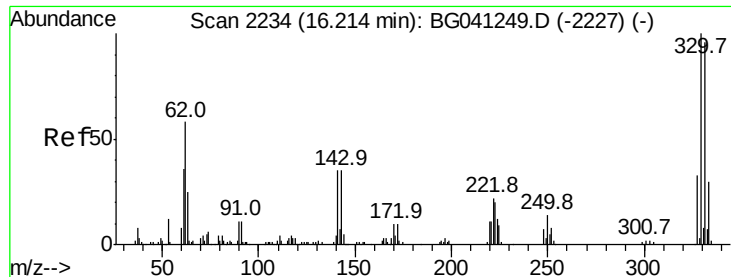
Tot Ion: 82 Resp: 256821
Ion Ratio Lower Upper
82 100
128 35.2 30.5 45.7
54 55.1 44.6 66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG041261.D
Acq: 14 Jun 2019 20:03

Tgt Ion:164 Resp: 109671
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.4
160 45.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 49.089 ng

RT: 16.21 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

Instrument :

BNA_G

ClientSampled :

BUS-2

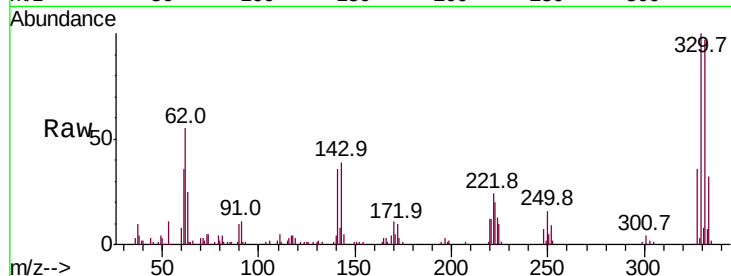
Tot Ion:330 Resp: 74473

Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

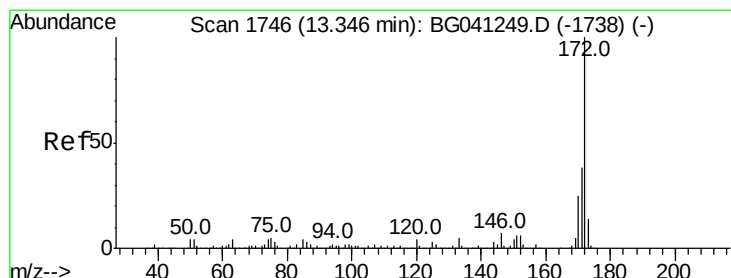
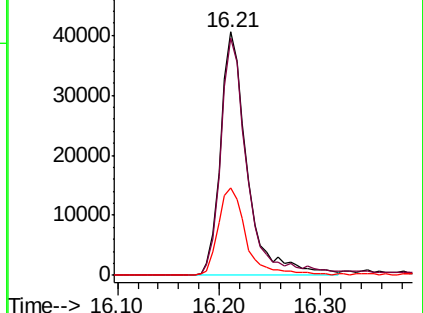
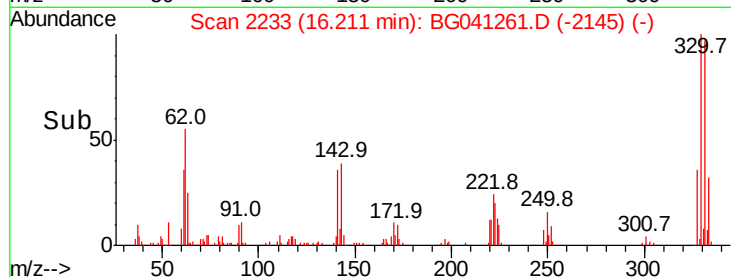
141 37.6 28.7 43.1



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: 75.913 ng

RT: 13.34 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

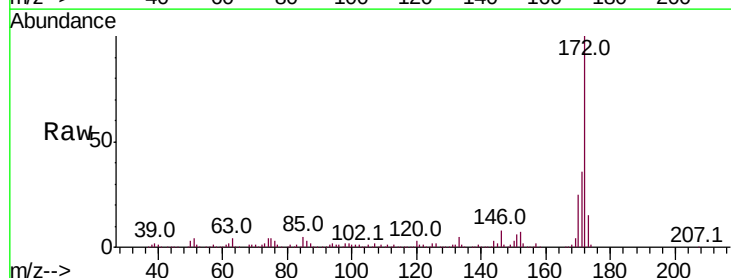
Tgt Ion:172 Resp: 628983

Ion Ratio Lower Upper

172 100

171 36.2 31.1 46.7

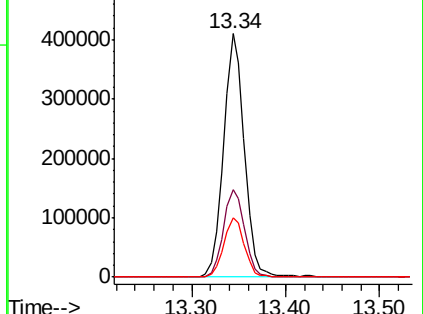
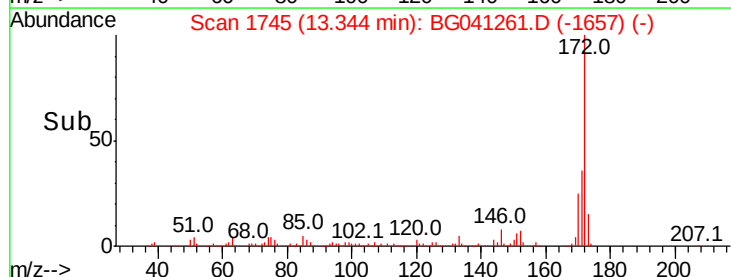
170 24.5 20.5 30.7

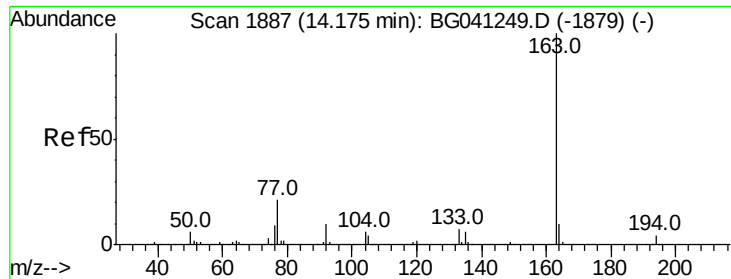


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.571 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

Instrument :

BNA_G

ClientSampleId :

BUS-2

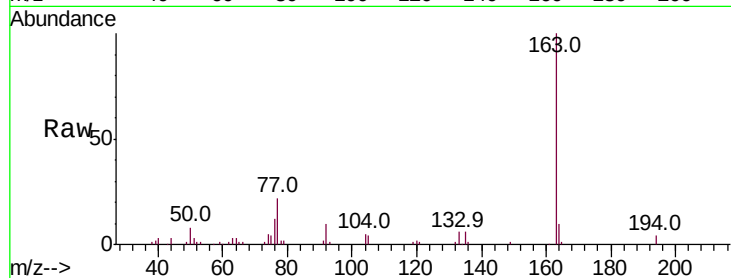
Tot Ion:163 Resp: 79229

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.8

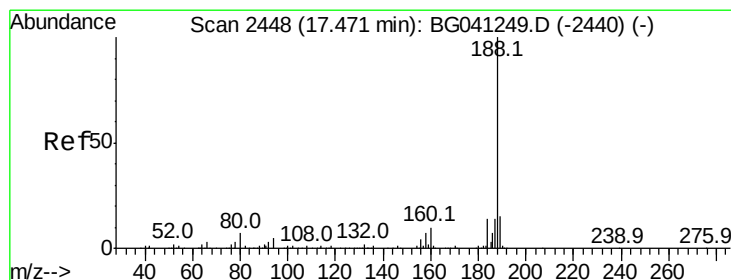
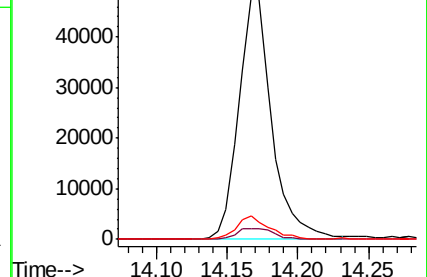
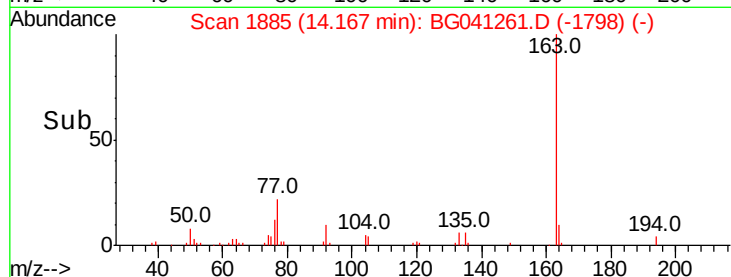
164 9.9 8.7 13.1



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: 17.47 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

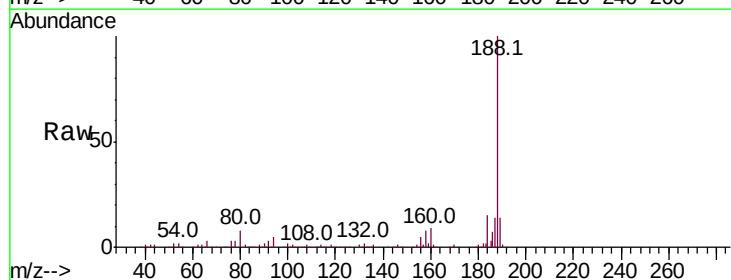
Tgt Ion:188 Resp: 261053

Ion Ratio Lower Upper

188 100

94 4.9 4.7 7.1

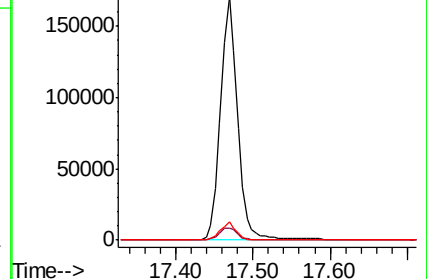
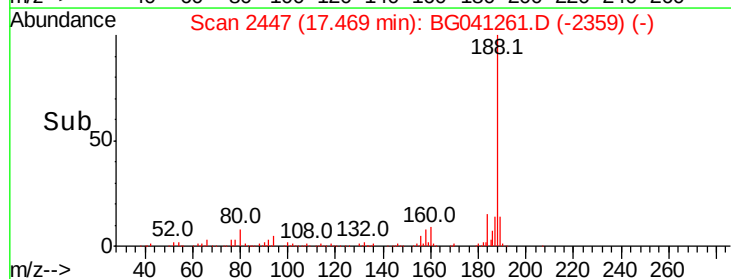
80 7.6 5.8 8.8

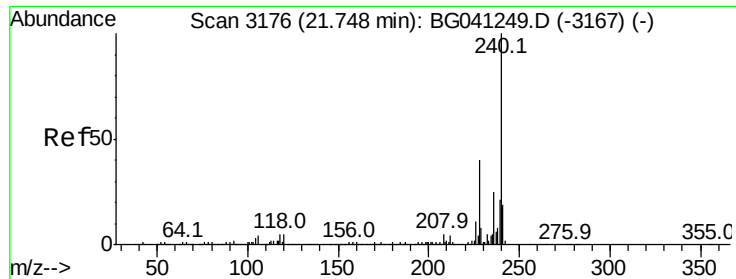


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

Instrument :

BNA_G

ClientSampled :

BUS-2

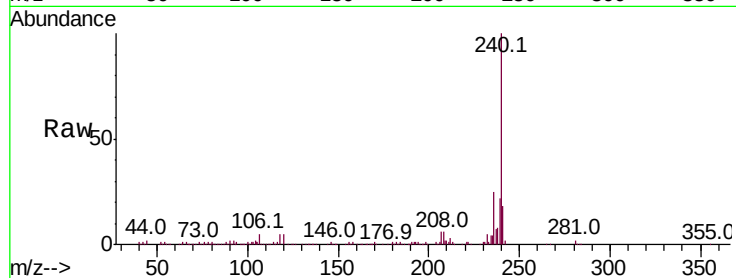
Tot Ion:240 Resp: 232912

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

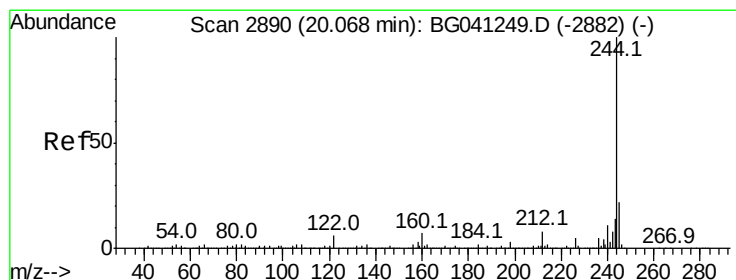
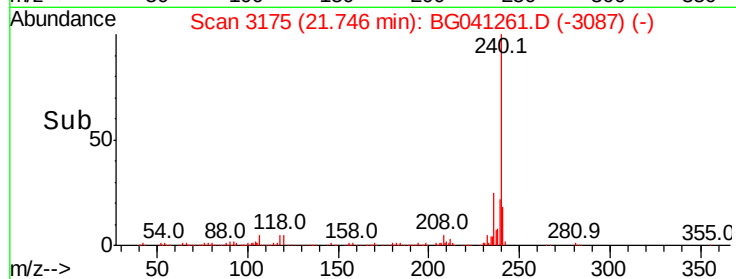
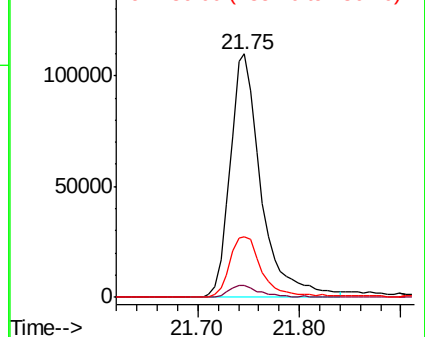
236 25.1 21.3 31.9



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: 85.284 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041261.D

Acq: 14 Jun 2019 20:03

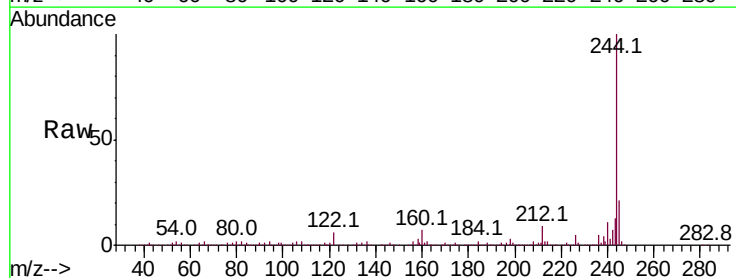
Tgt Ion:244 Resp: 1013097

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

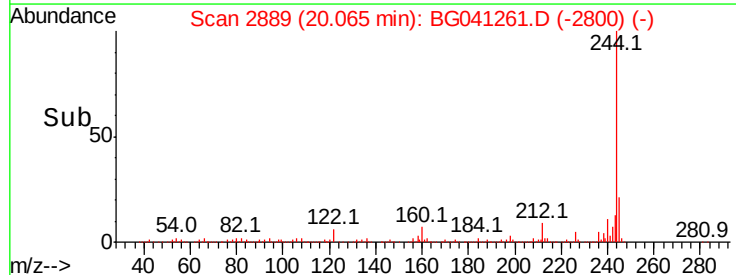
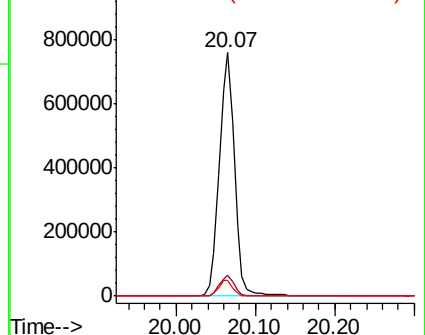
122 6.2 5.4 8.0

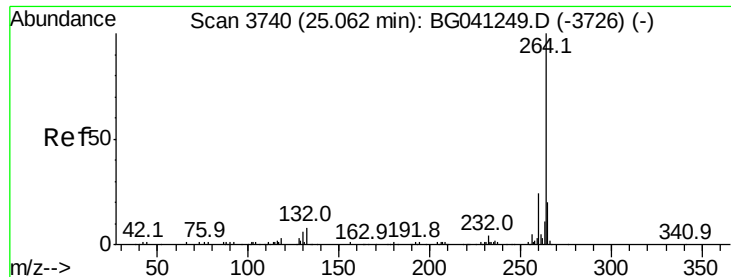


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG041261.D
Acq: 14 Jun 2019 20:03

Instrument :
BNA_G
ClientSampleId :
BUS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.5	17.0	25.4

