

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041445.D
 Acq On : 25 Jun 2019 15:52
 Operator : HP/JU
 Sample : K3455-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Quant Time: Jun 26 04:39:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	66368	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	244479	20.00	ng	-0.05
39) Acenaphthene-d10	14.69	164	171393	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	438437	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	482181	20.00	ng	-0.04
87) Perylene-d12	24.99	264	512573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	216364	59.90	ng	-0.04
7) Phenol-d6	7.20	99	261094	49.87	ng	-0.03
23) Nitrobenzene-d5	9.22	82	248686	42.78	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	182015	69.17	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	574989	45.60	ng	-0.03
79) Terphenyl-d14	20.03	244	1107750	45.53	ng	-0.03

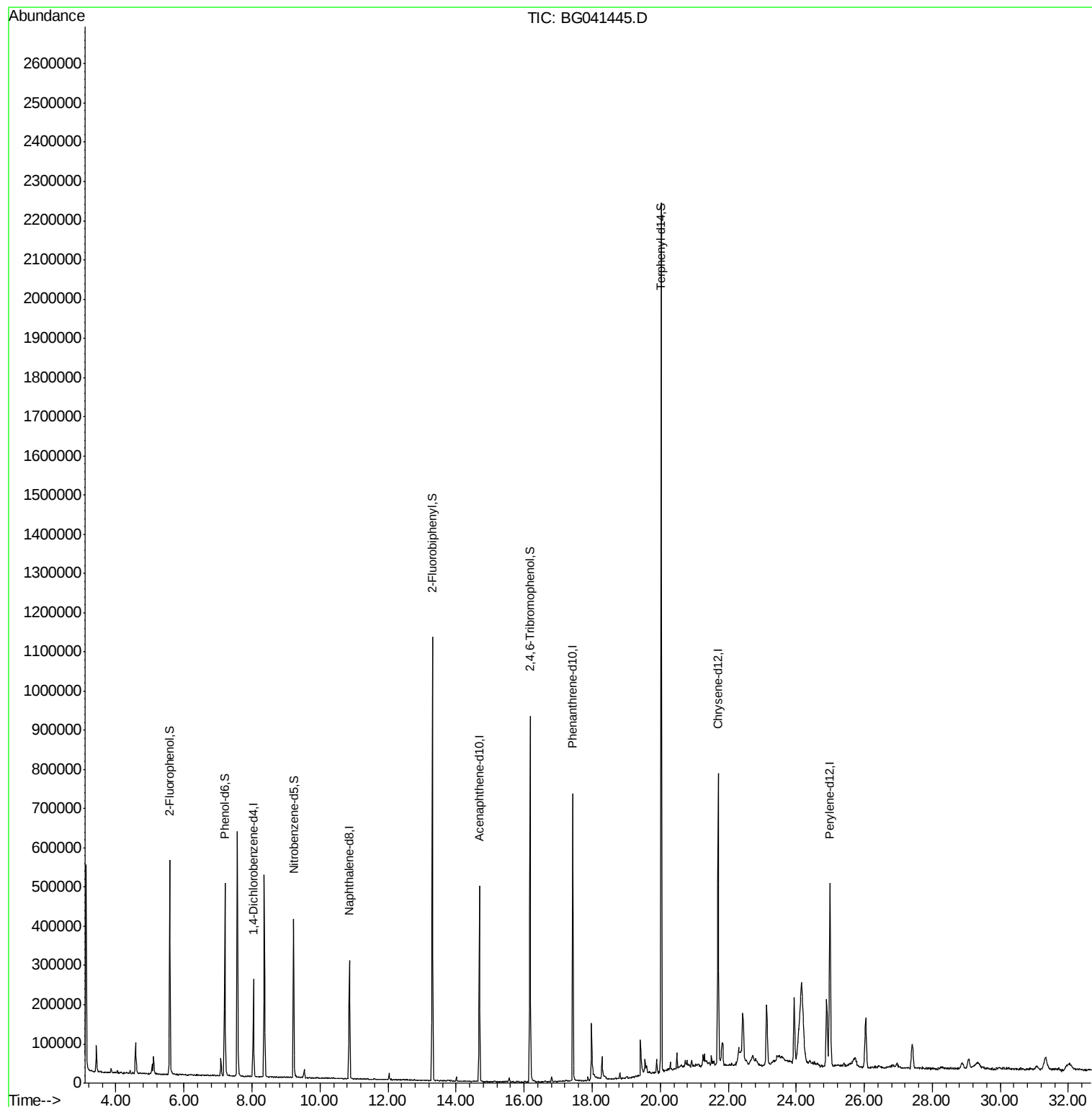
Target Compounds Qvalue

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

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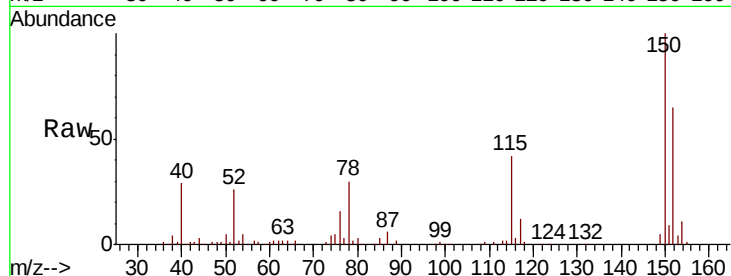


#1

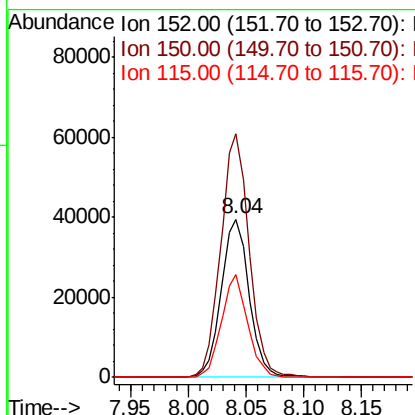
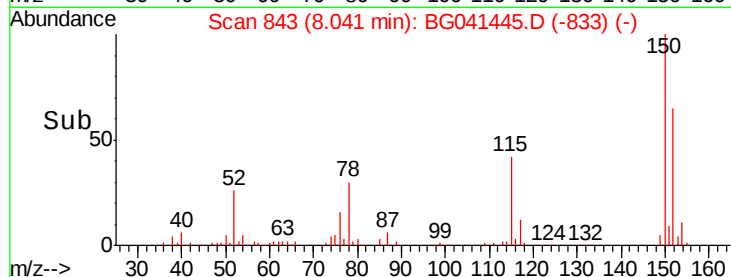
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tot Ion:152 Resp: 66368
Ion Ratio Lower Upper
152 100
150 153.6 120.6 181.0
115 64.5 47.9 71.9



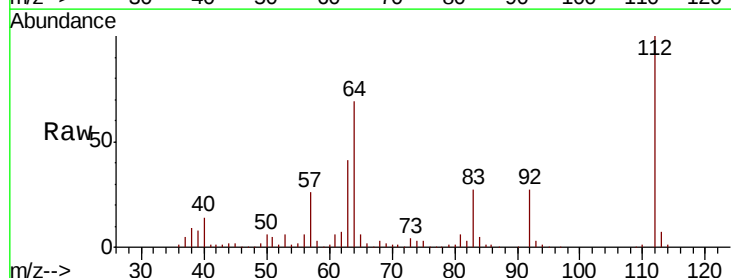
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



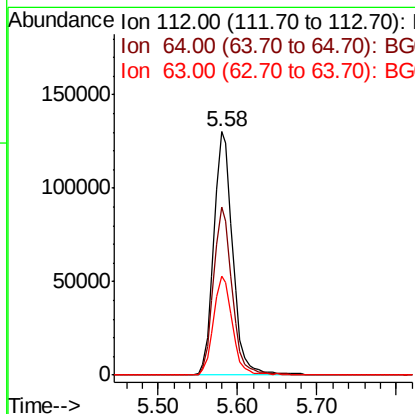
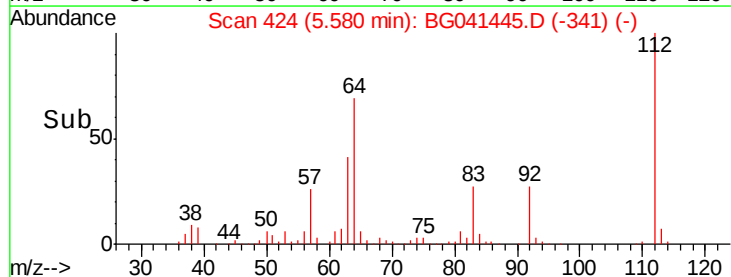
#5

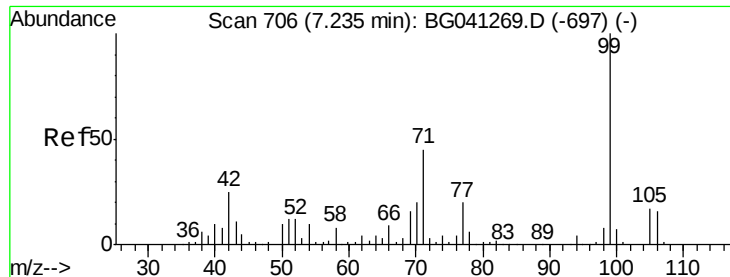
2-Fluorophenol
Concen: 59.901 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:112 Resp: 216364
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 40.5 34.6 51.8



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: 49.868 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

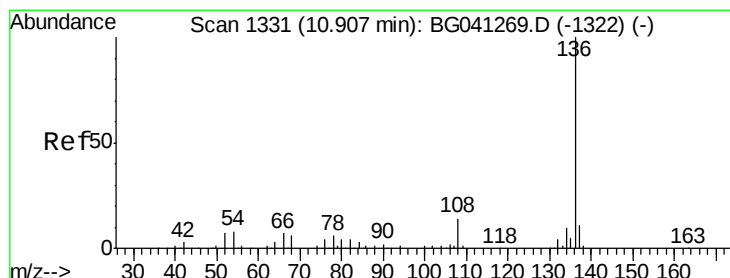
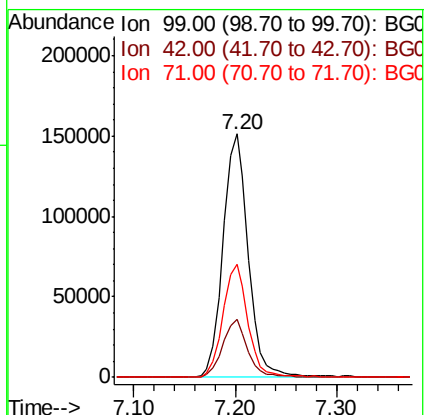
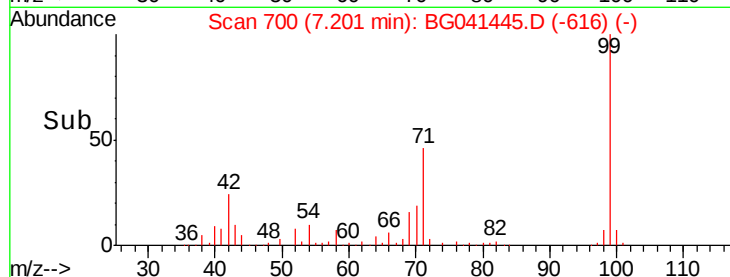
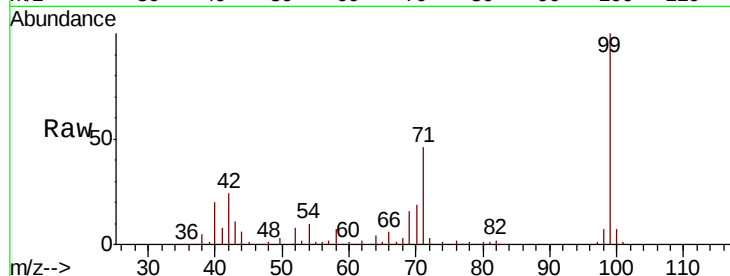
Tot Ion: 99 Resp: 261094

Ion Ratio Lower Upper

99 100

42 23.6 19.9 29.9

71 46.4 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Tgt Ion: 136 Resp: 244479

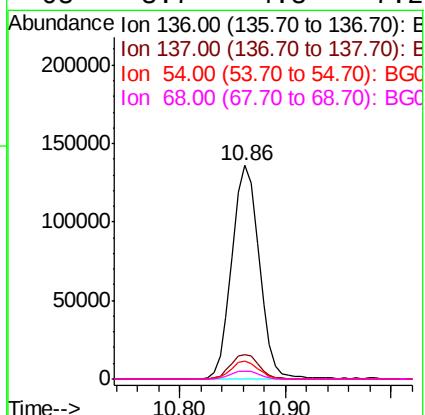
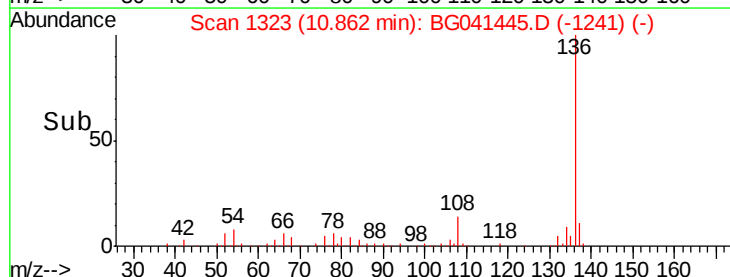
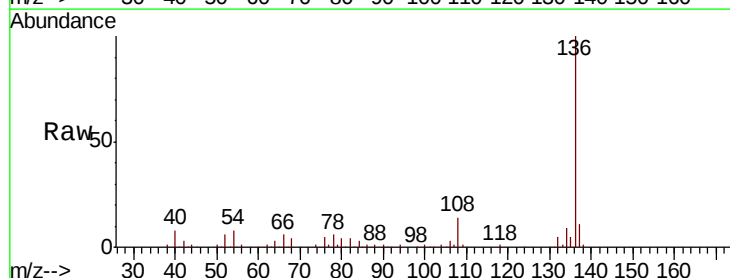
Ion Ratio Lower Upper

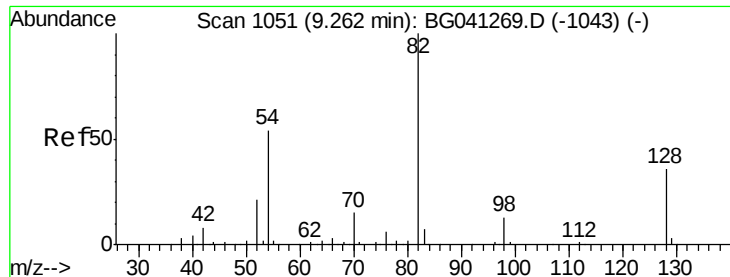
136 100

137 11.2 8.8 13.2

54 8.2 6.4 9.6

68 3.7 4.8 7.2#

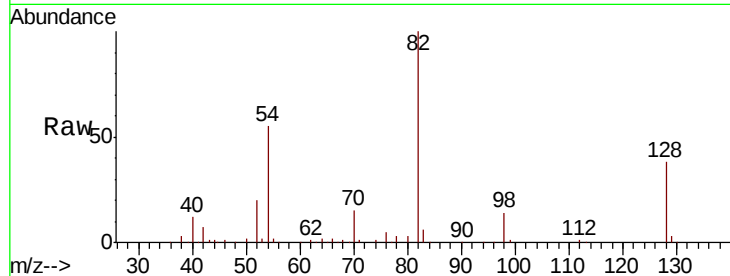




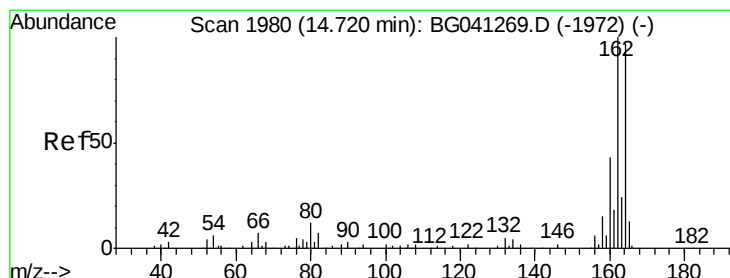
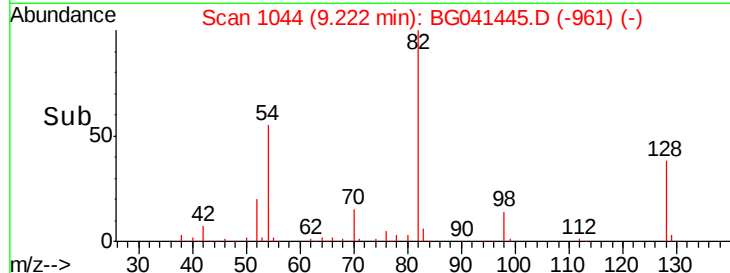
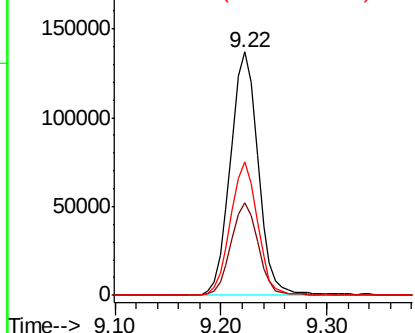
#23
 Nitrobenzene-d5
 Concen: 42.780 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BG041445.D
 Acq: 25 Jun 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Tot Ion	82.00	Resp	248686
Ion Ratio	100	Lower	Upper
128	37.8	29.2	43.8
54	54.7	43.4	65.0

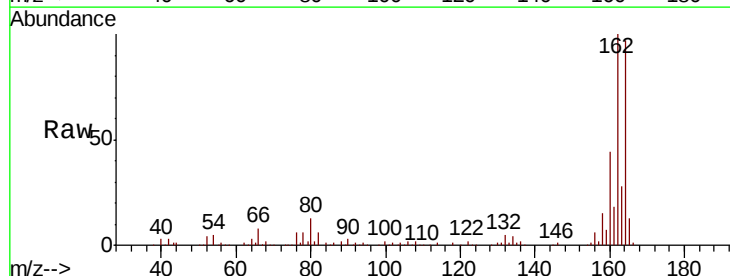


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

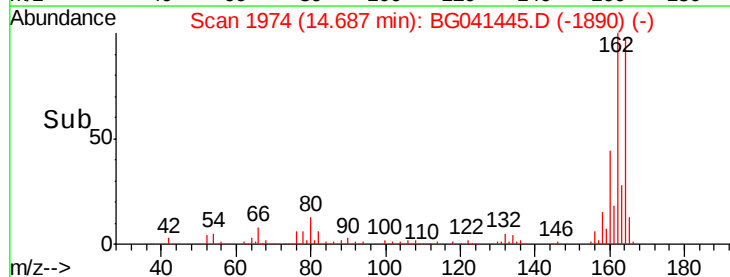
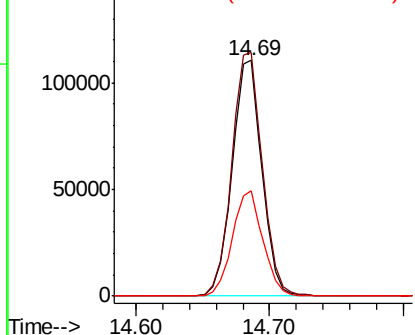


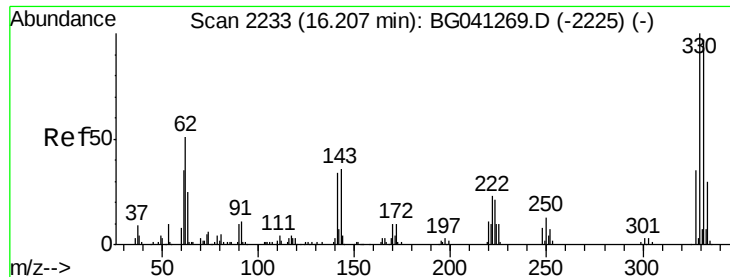
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041445.D
 Acq: 25 Jun 2019 15:52

Tgt Ion	164.00	Resp	171393
Ion Ratio	100	Lower	Upper
162	103.4	82.8	124.2
160	45.0	35.8	53.8



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: 69.174 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

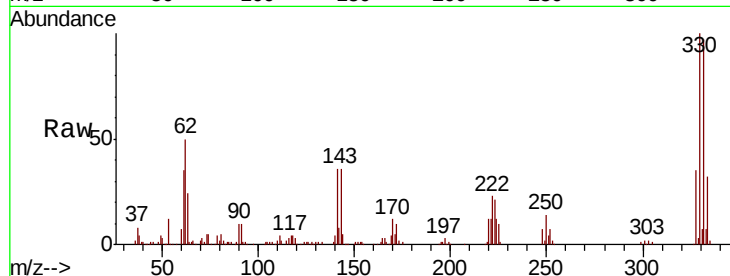
Tot Ion:330 Resp: 182015

Ion Ratio Lower Upper

330 100

332 96.6 75.5 113.3

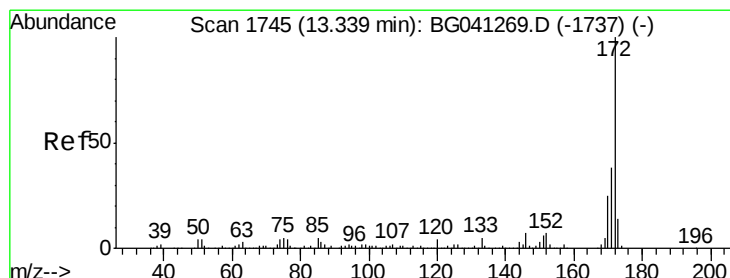
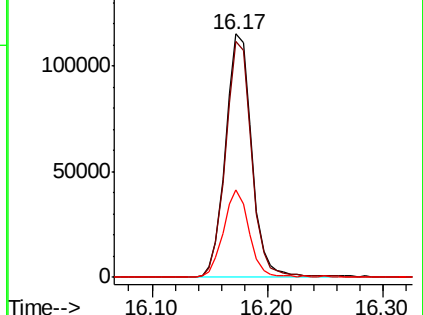
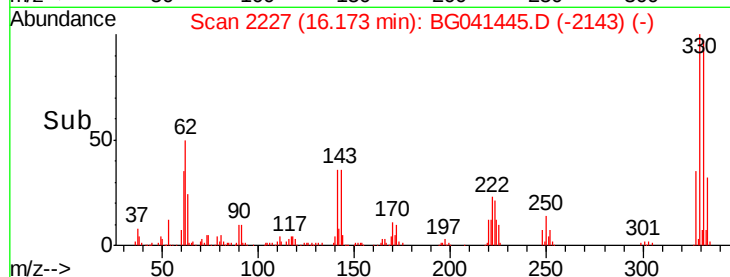
141 35.3 29.0 43.4



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: 45.597 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

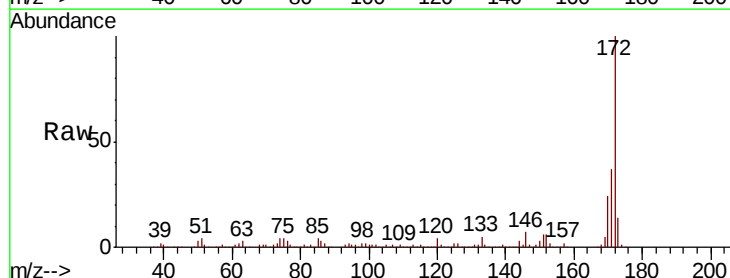
Tgt Ion:172 Resp: 574989

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

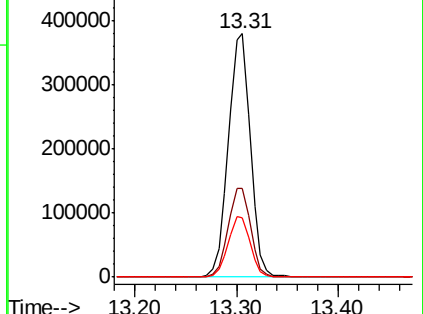
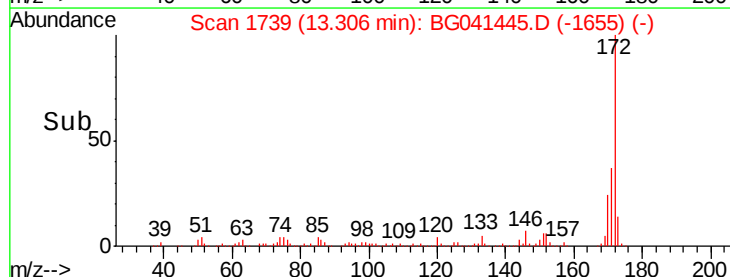
170 24.2 19.8 29.6

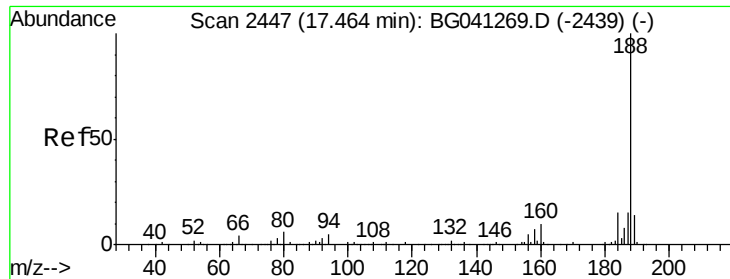


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

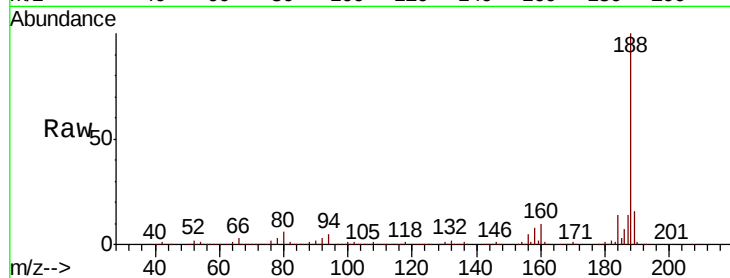
Tot Ion:188 Resp: 438437

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

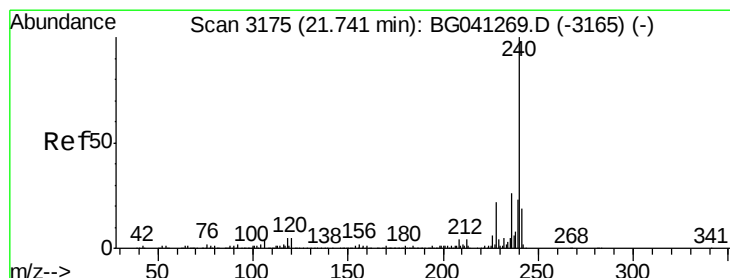
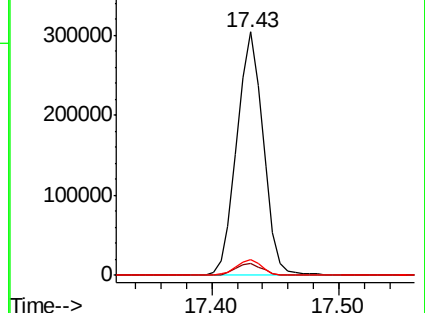
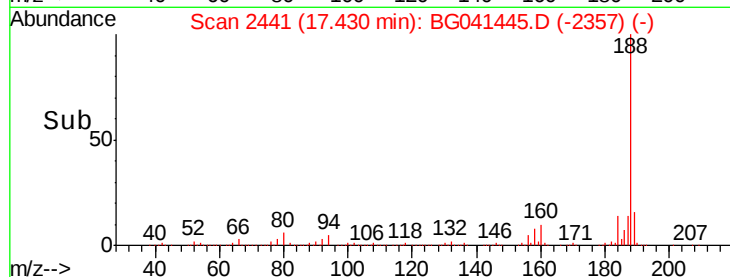
80 6.3 4.8 7.2



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: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

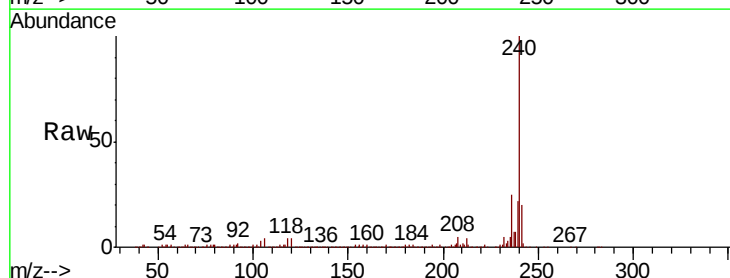
Tgt Ion:240 Resp: 482181

Ion Ratio Lower Upper

240 100

120 4.4 3.7 5.5

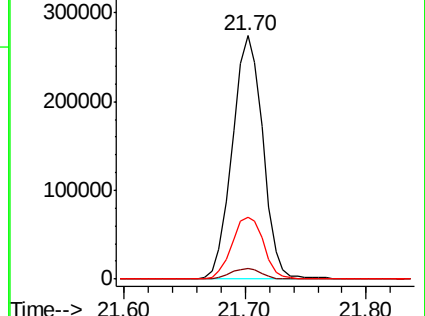
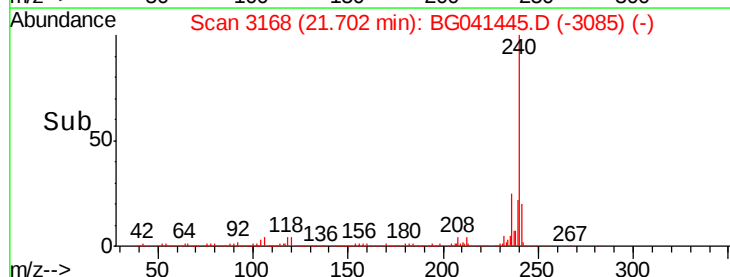
236 25.5 21.1 31.7

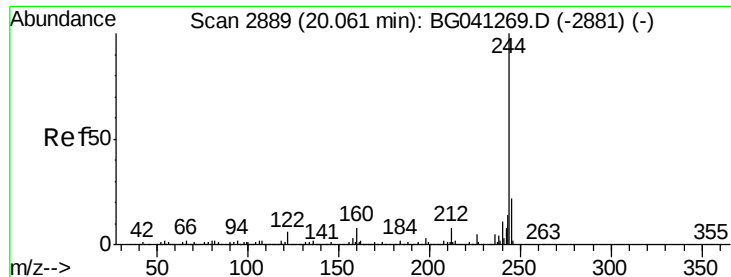


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 45.529 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

BNA_G

ClientSampled :

TP-1-MH

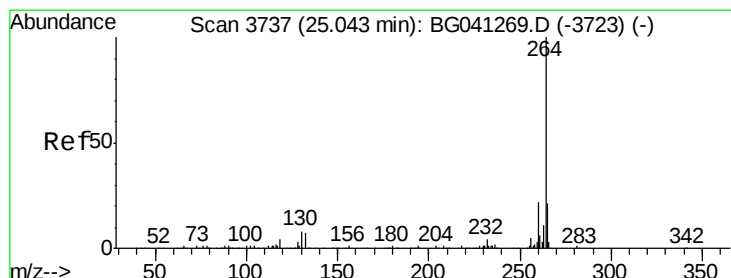
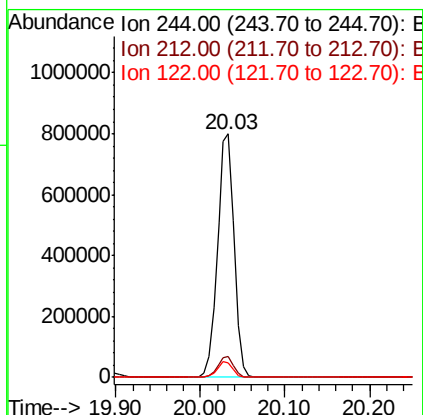
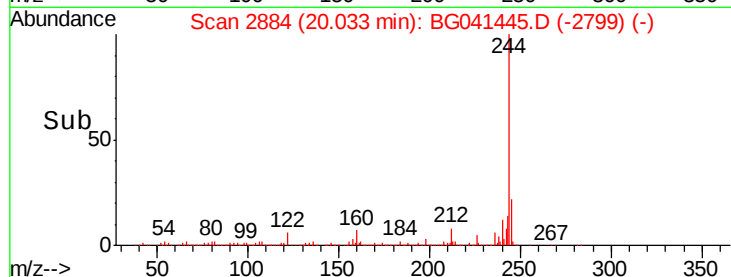
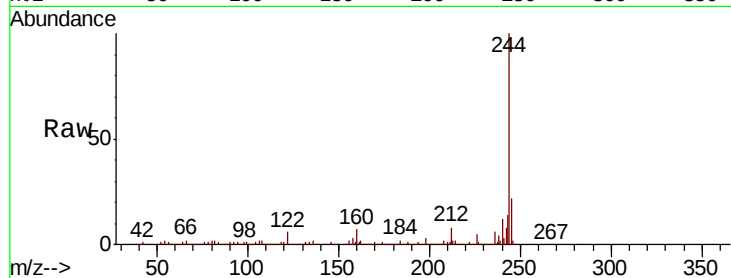
Tot Ion:244 Resp: 1107750

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 5.8 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Tgt Ion:264 Resp: 512573

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.2

265 21.7 17.2 25.8

