

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039445.D
 Acq On : 11 Feb 2019 22:07
 Operator : JU/SJ
 Sample : K1454-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Feb 12 03:36:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59747	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	265164	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	185442	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	458736	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	480768	20.00	ng	-0.02
87) Perylene-d12	25.21	264	481805	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	522909	149.79	ng	0.00
7) Phenol-d6	7.31	99	683009	132.92	ng	-0.01
23) Nitrobenzene-d5	9.35	82	497081	117.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	347585	174.06	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1180798	91.34	ng	-0.02
79) Terphenyl-d14	20.13	244	1938629	85.35	ng	-0.02

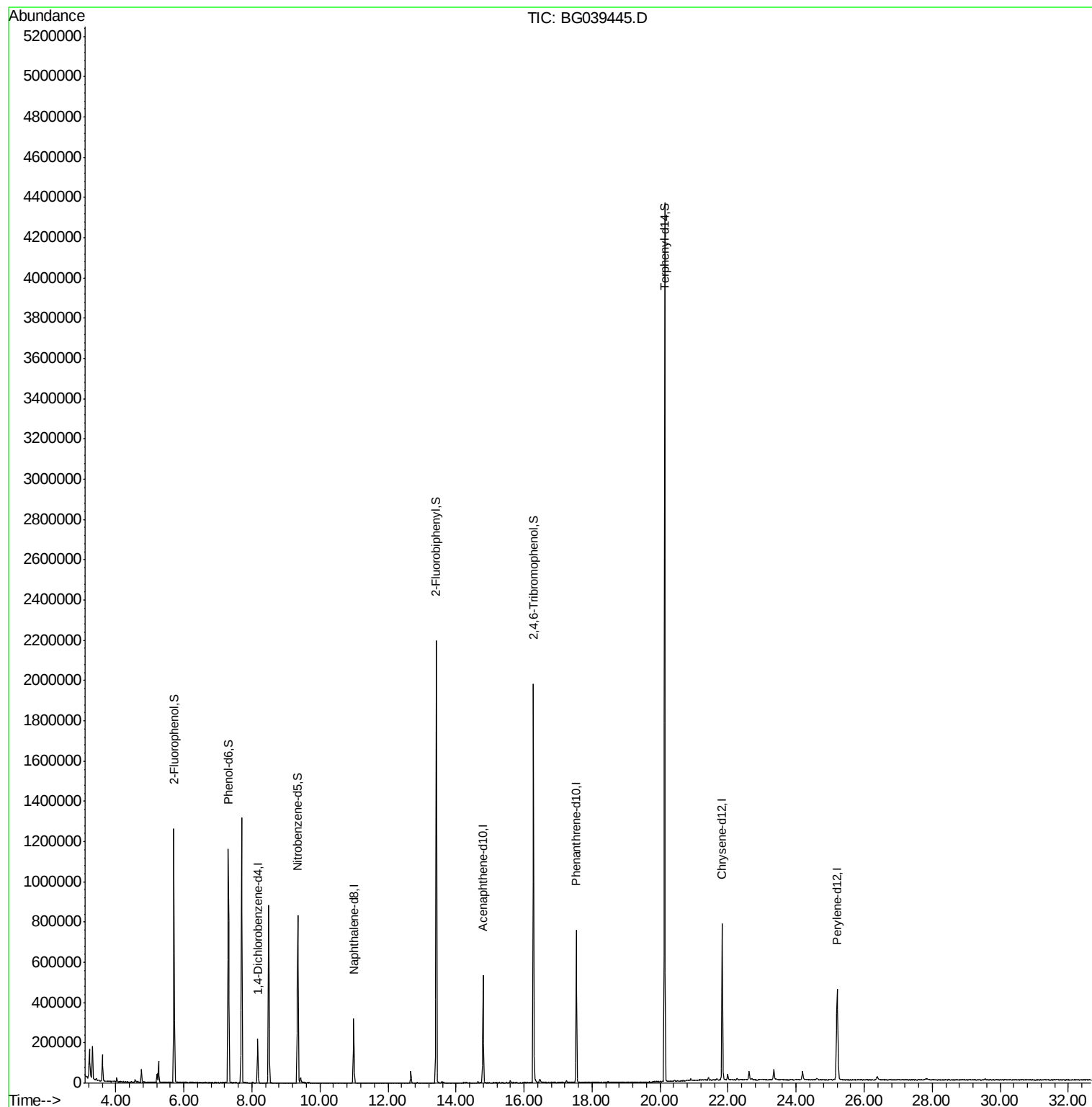
Target Compounds Qvalue

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

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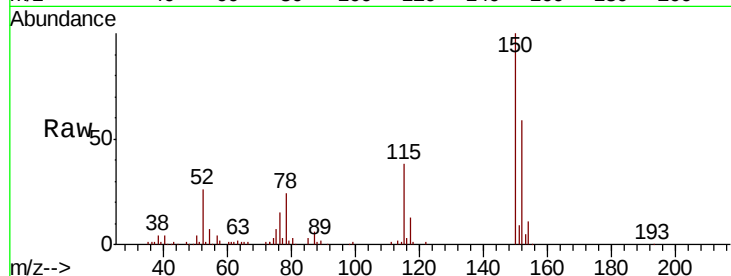


#1

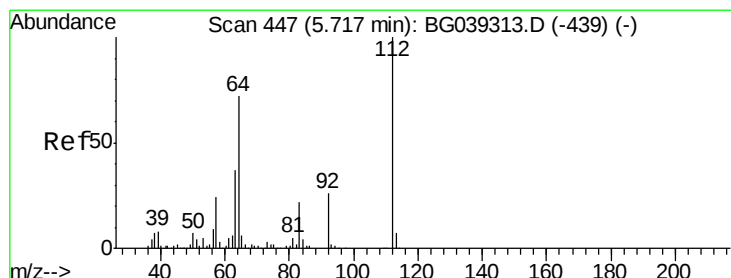
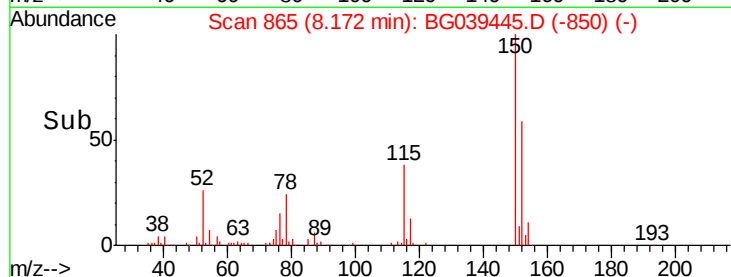
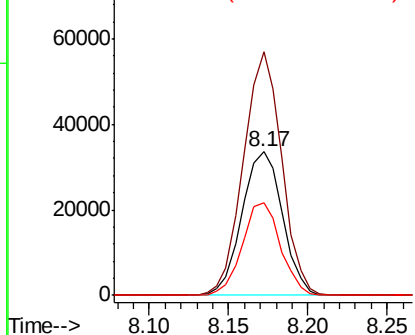
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039445.D
Acq: 11 Feb 2019 22:07

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.6	123.7	185.5
115	64.8	45.9	68.9



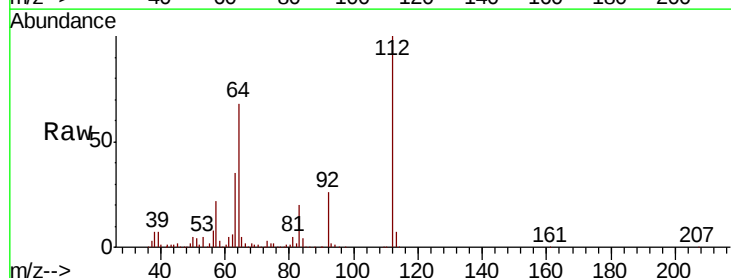
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



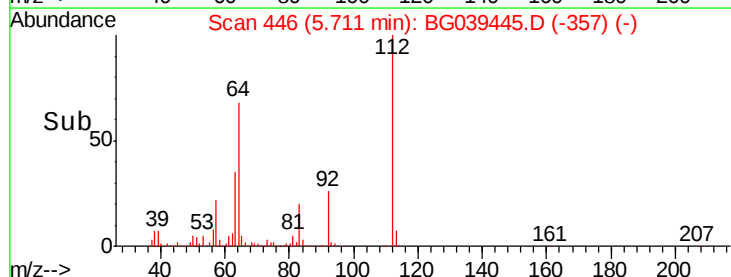
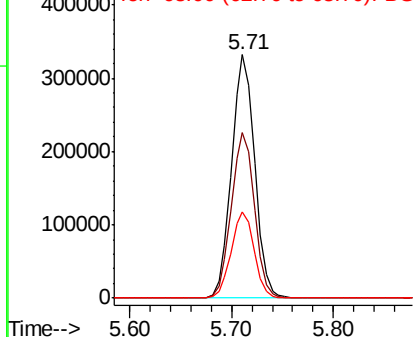
#5

2-Fluorophenol
Concen: 149.792 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039445.D
Acq: 11 Feb 2019 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.8	86.8
63	35.5	29.8	44.6



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: 132.920 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

Instrument :

BNA_G

ClientSampled :

TP-1

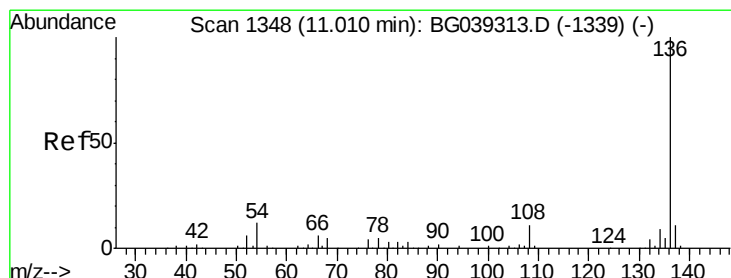
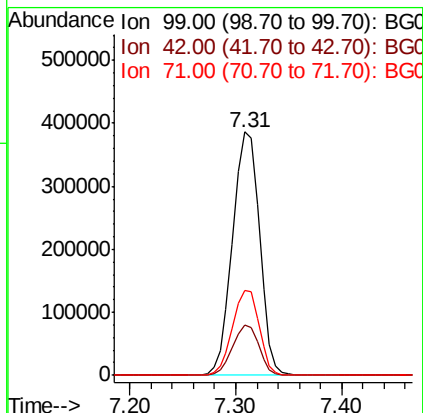
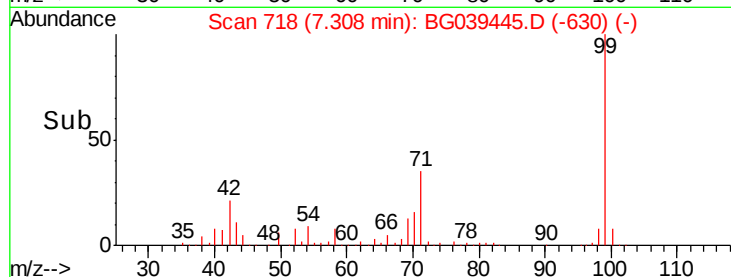
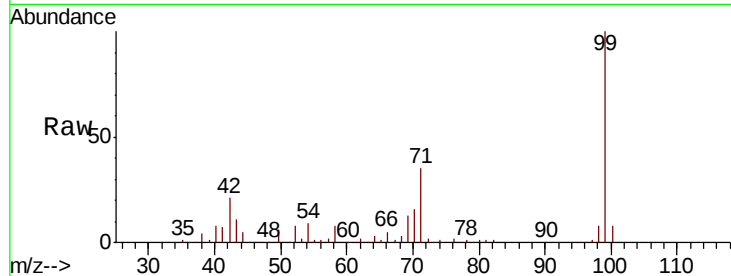
Tot Ion: 99 Resp: 683009

Ion Ratio Lower Upper

99 100

42 20.5 18.2 27.2

71 35.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

Tgt Ion: 136 Resp: 265164

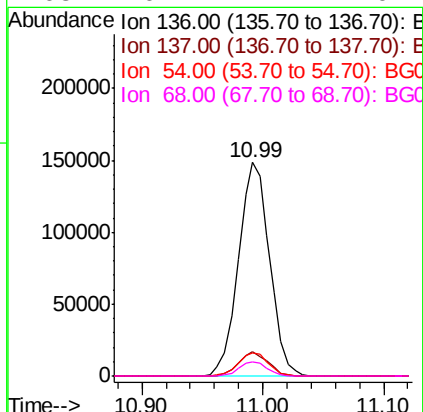
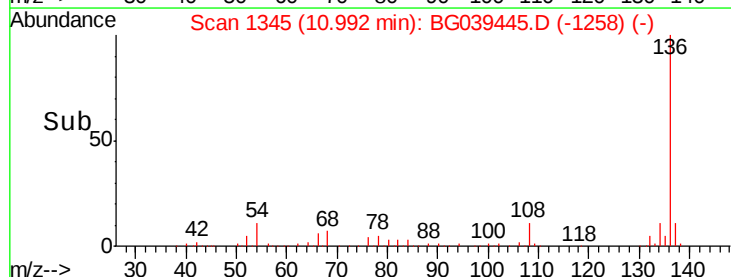
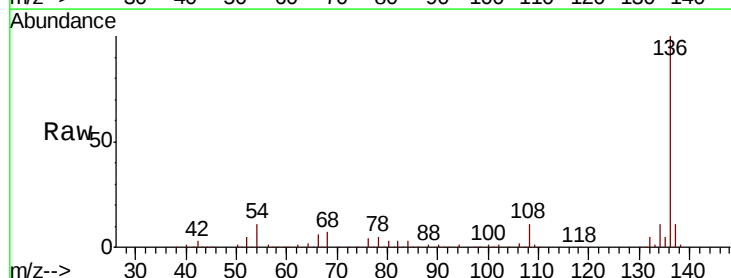
Ion Ratio Lower Upper

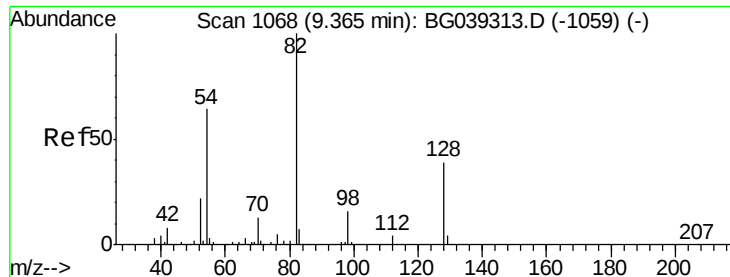
136 100

137 11.5 9.1 13.7

54 10.7 9.4 14.2

68 6.7 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 117.110 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

Instrument :

BNA_G

ClientSampleId :

TP-1

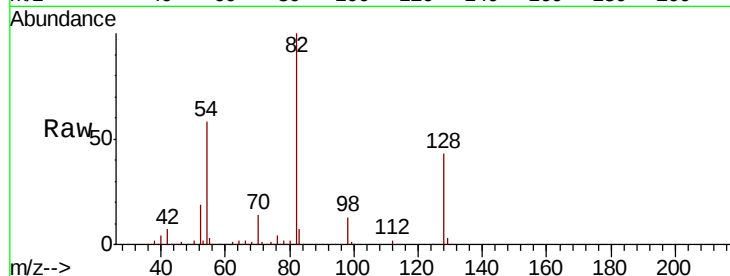
Tot Ion: 82 Resp: 497081

Ion Ratio Lower Upper

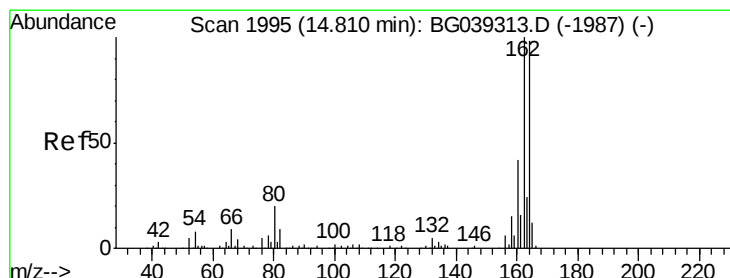
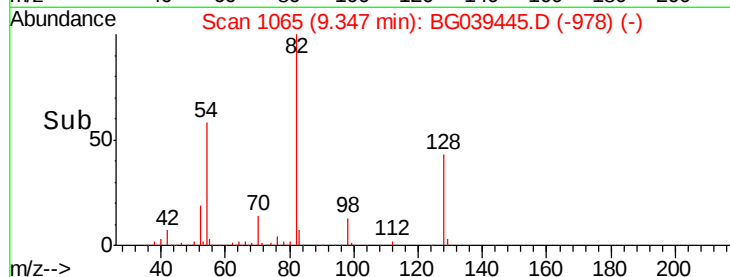
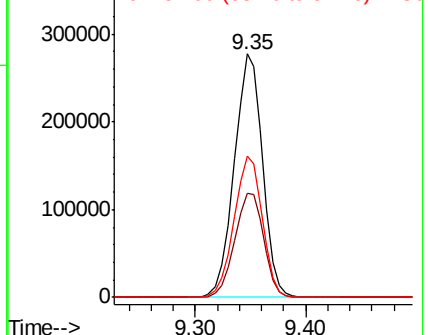
82 100

128 42.8 31.3 46.9

54 58.0 50.9 76.3



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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

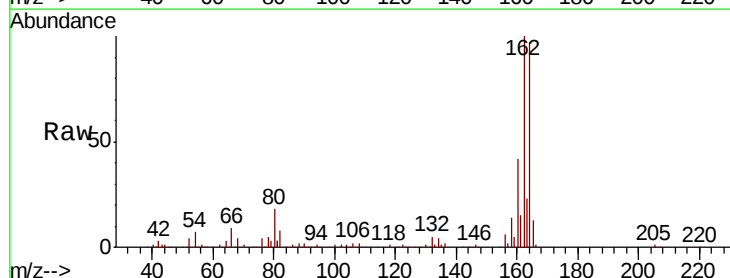
Tgt Ion:164 Resp: 185442

Ion Ratio Lower Upper

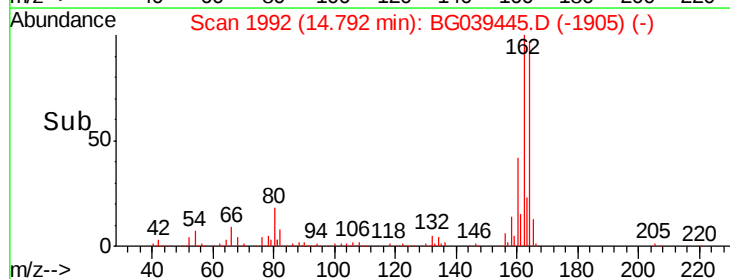
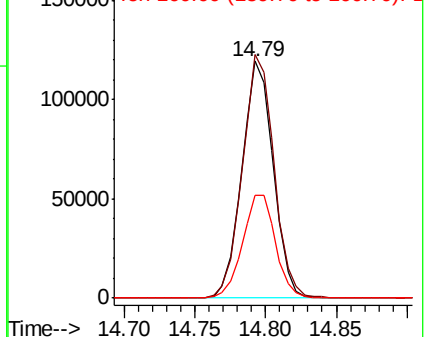
164 100

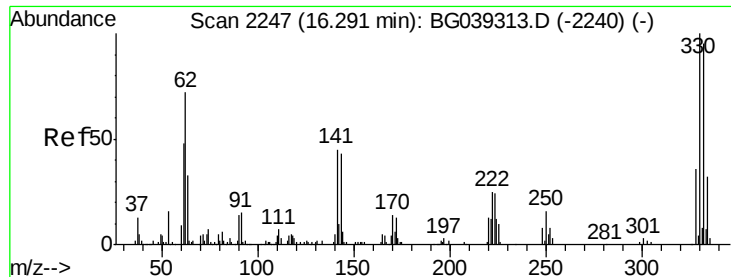
162 102.8 81.6 122.4

160 43.6 34.2 51.2



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: 174.063 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

Instrument :

BNA_G

ClientSampleId :

TP-1

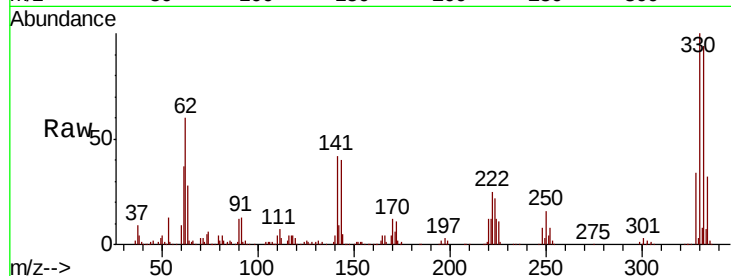
Tot Ion:330 Resp: 347585

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

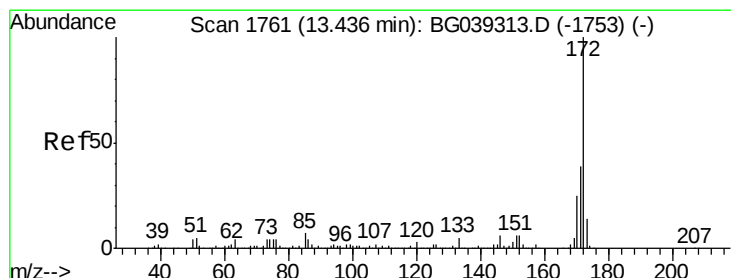
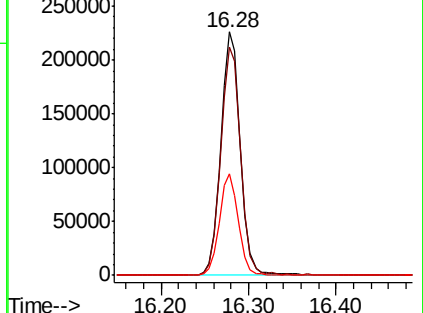
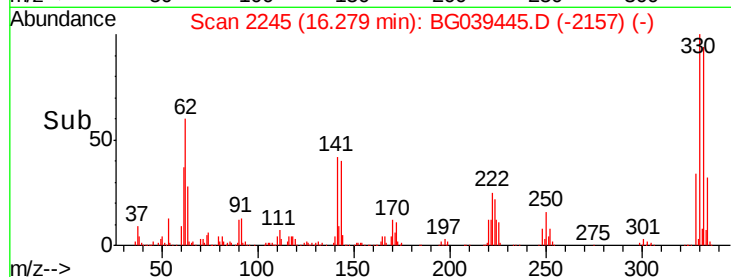
141 40.7 35.6 53.4



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: 91.345 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

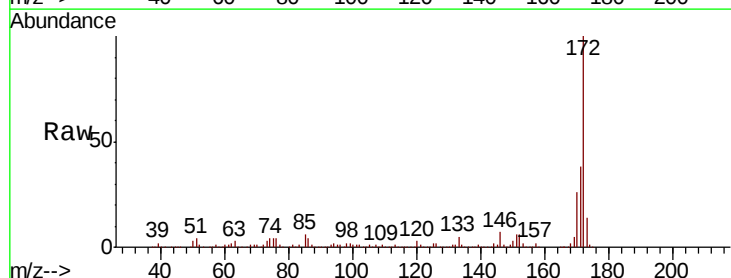
Tgt Ion:172 Resp: 1180798

Ion Ratio Lower Upper

172 100

171 38.2 30.8 46.2

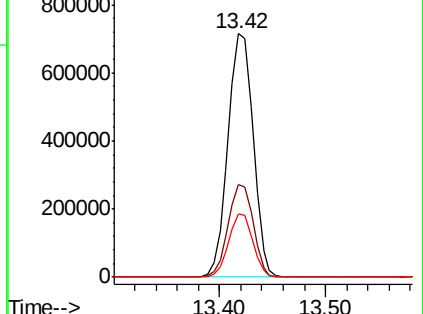
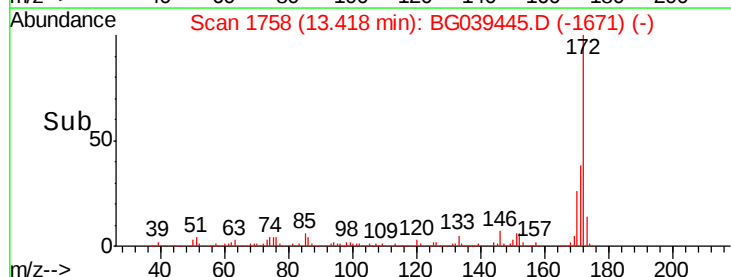
170 26.1 20.2 30.4

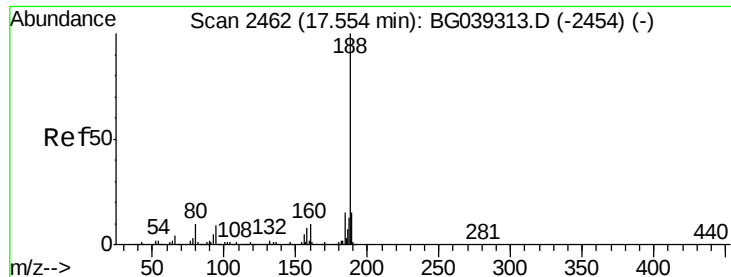


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

Instrument :

BNA_G

ClientSampleId :

TP-1

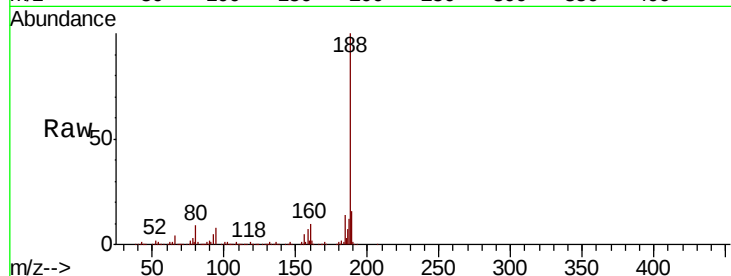
Tot Ion:188 Resp: 458736

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

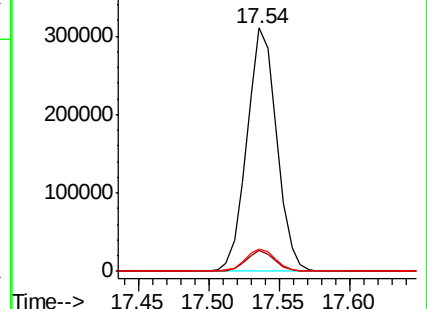
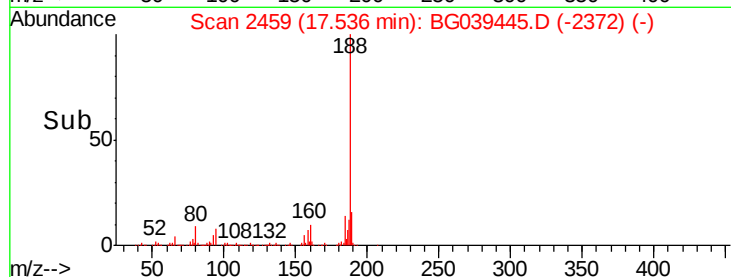
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

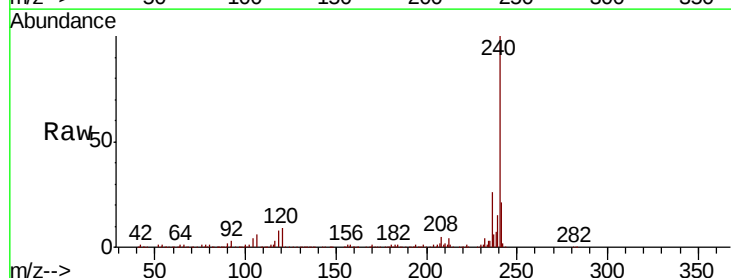
Tgt Ion:240 Resp: 480768

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

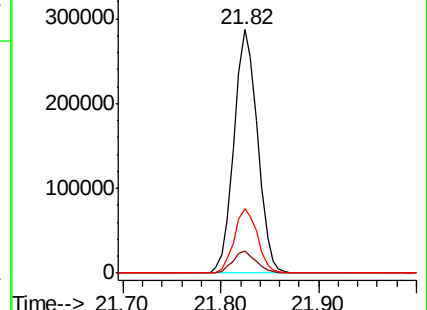
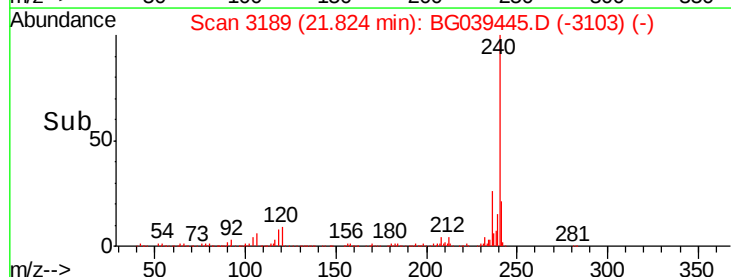
236 26.4 21.0 31.4



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: 85.352 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

Instrument :

BNA_G

ClientSampleId :

TP-1

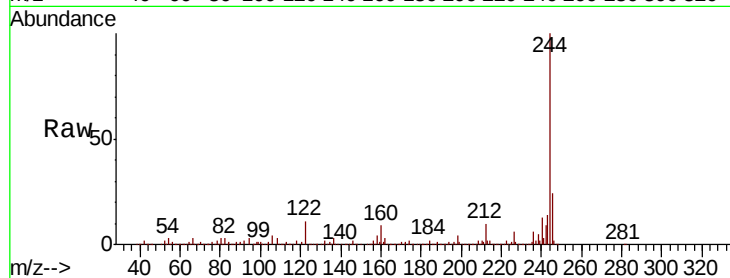
Tot Ion:244 Resp: 1938629

Ion Ratio Lower Upper

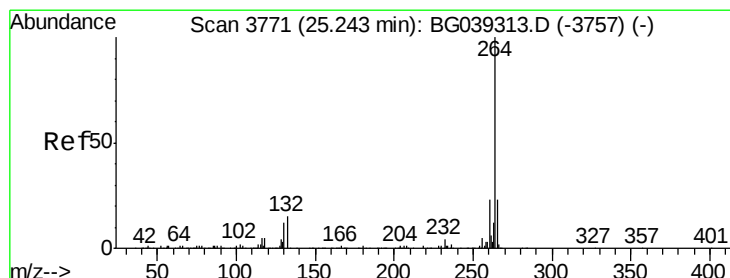
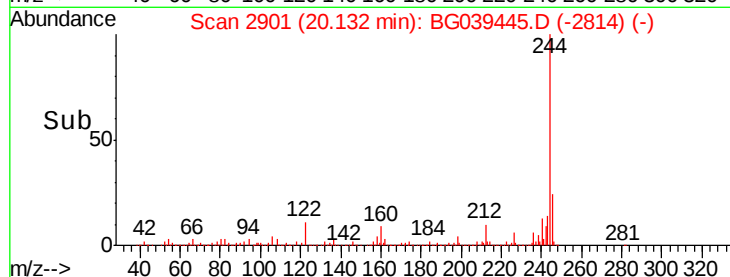
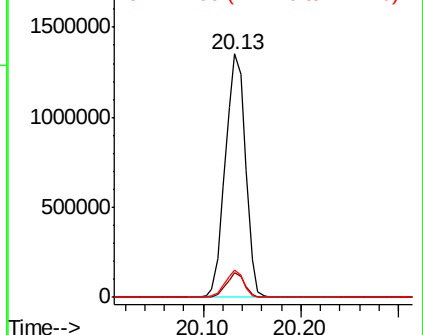
244 100

212 10.3 7.3 10.9

122 11.0 8.4 12.6



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: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039445.D

Acq: 11 Feb 2019 22:07

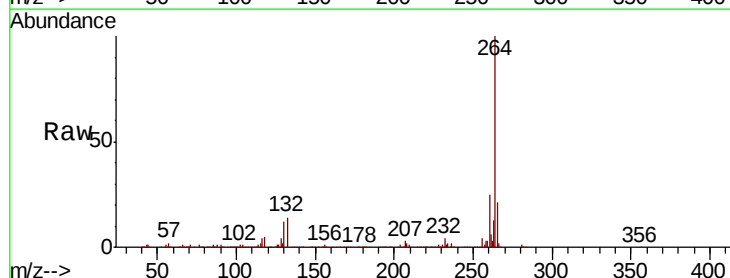
Tgt Ion:264 Resp: 481805

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 21.2 18.5 27.7



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

