

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041088.D
 Acq On : 6 Jun 2019 13:03
 Operator : HP/JU
 Sample : PB120371BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120371BL

Quant Time: Jun 06 23:34:57 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	8.11	152	48743	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	183389	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	121766	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	318224	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	365167	20.00	ng	-0.02
87) Perylene-d12	25.09	264	393779	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	308833	114.25	ng	-0.01
7) Phenol-d6	7.26	99	427482	102.40	ng	-0.01
23) Nitrobenzene-d5	9.29	82	295967	71.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	208771	115.49	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	655320	77.50	ng	-0.02
79) Terphenyl-d14	20.08	244	1258873	73.17	ng	-0.02

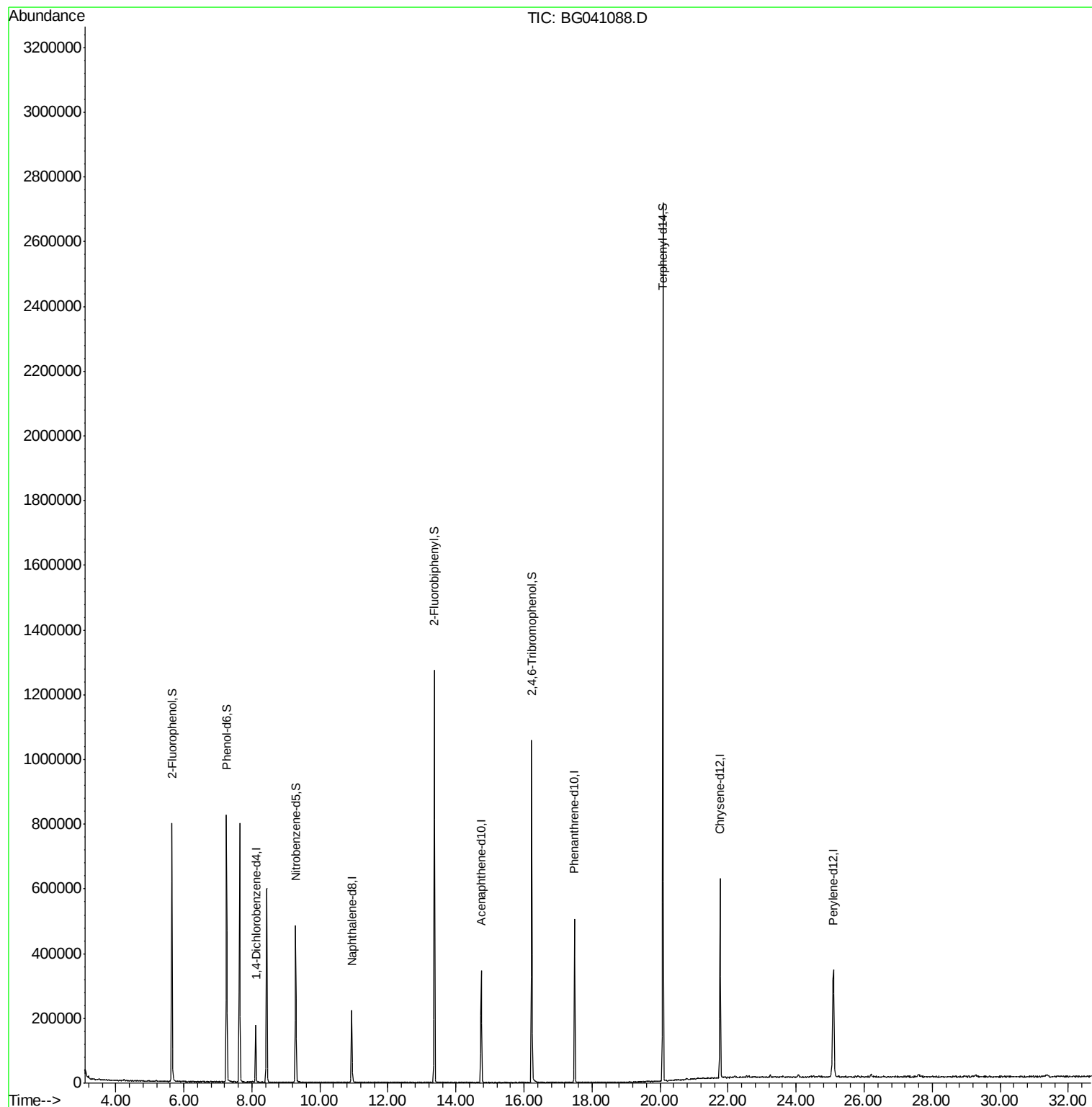
Target Compounds Qvalue

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

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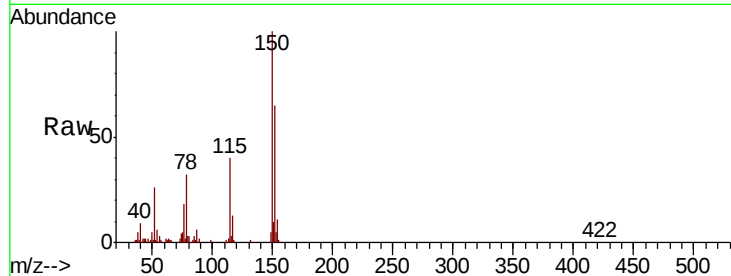


#1

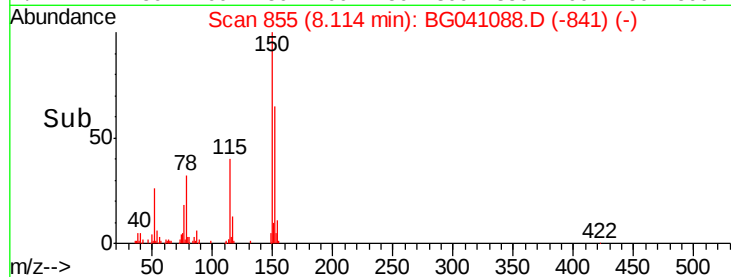
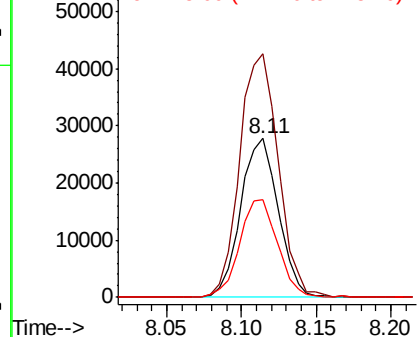
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tot Ion:152 Resp: 48743
Ion Ratio Lower Upper
152 100
150 153.0 120.6 180.8
115 61.7 45.1 67.7



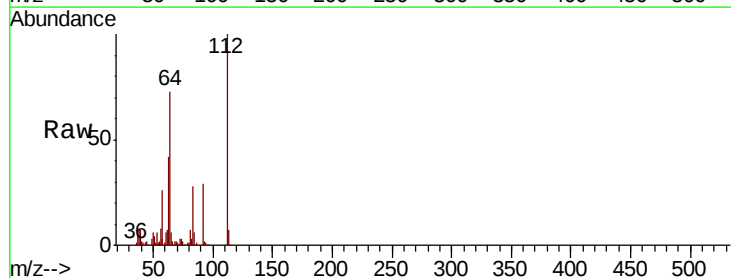
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



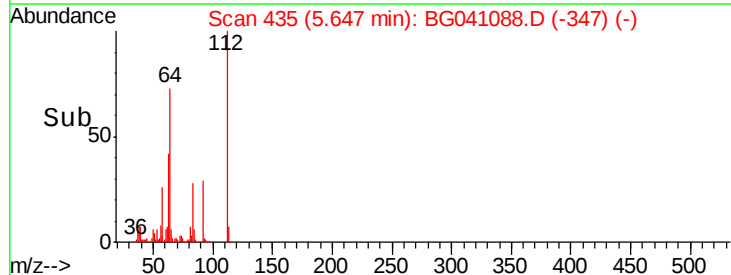
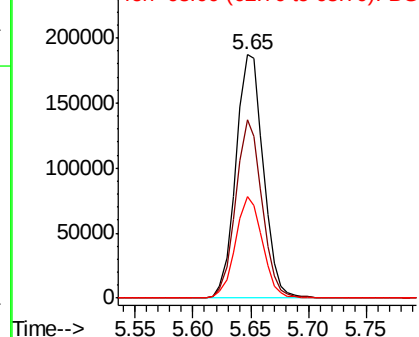
#5

2-Fluorophenol
Concen: 114.250 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:112 Resp: 308833
Ion Ratio Lower Upper
112 100
64 73.3 56.2 84.2
63 41.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.399 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

PB120371BL

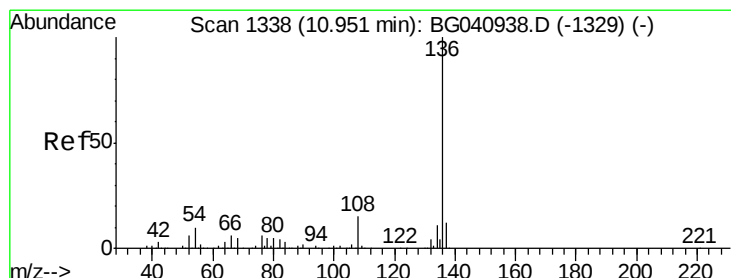
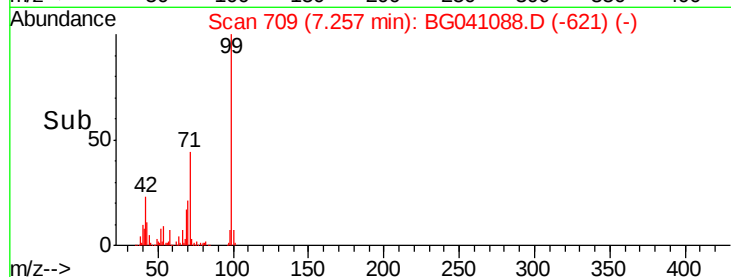
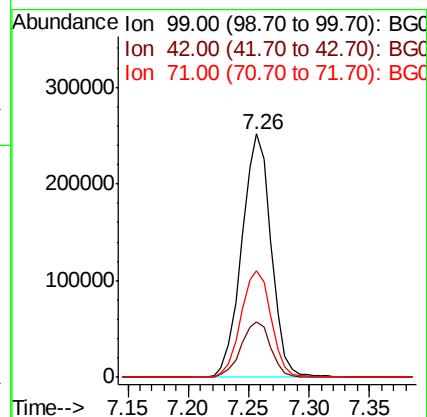
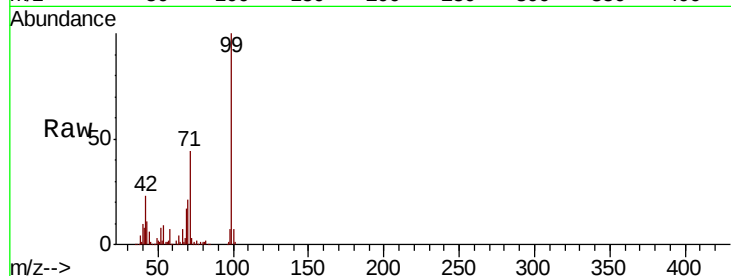
Tot Ion: 99 Resp: 427482

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 44.0 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

Tgt Ion: 136 Resp: 183389

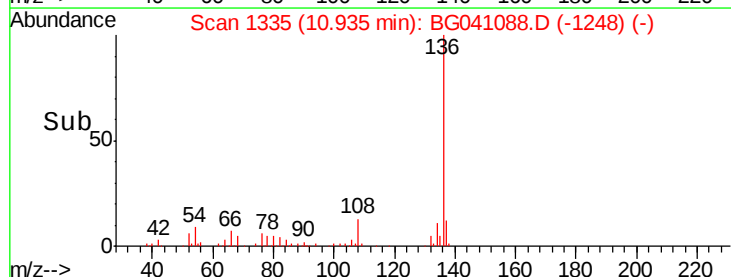
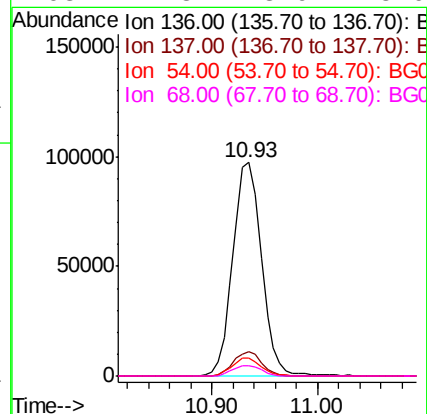
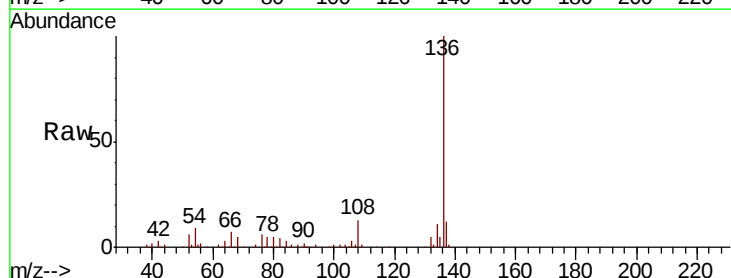
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 8.6 7.6 11.4

68 4.8 3.9 5.9

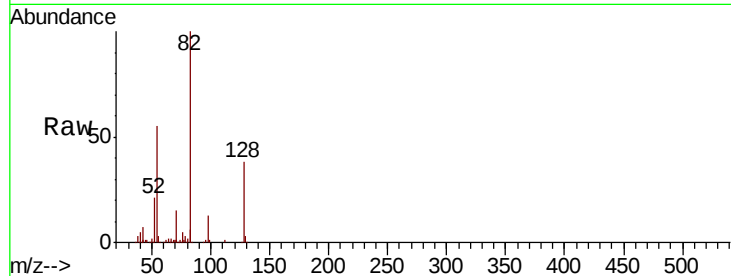




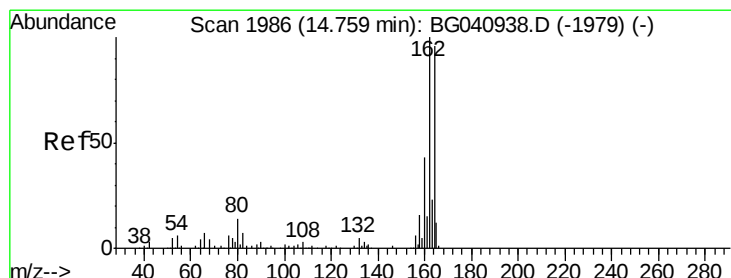
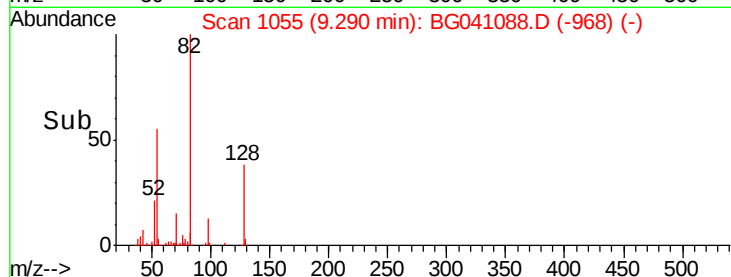
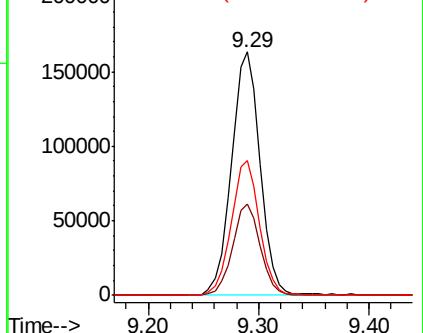
#23
Nitrobenzene-d5
Concen: 71.646 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tot Ion	82	Resp	295967
Ion Ratio	Lower	Upper	
82	100		
128	37.7	30.5	45.7
54	55.1	44.6	66.8

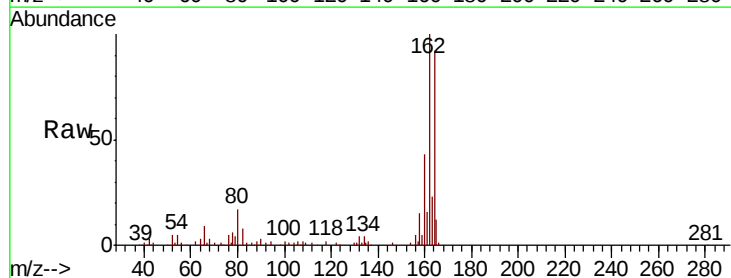


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

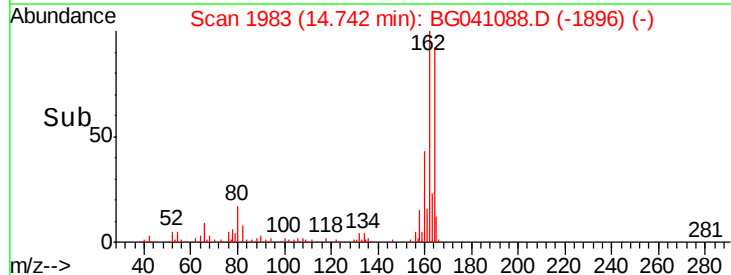
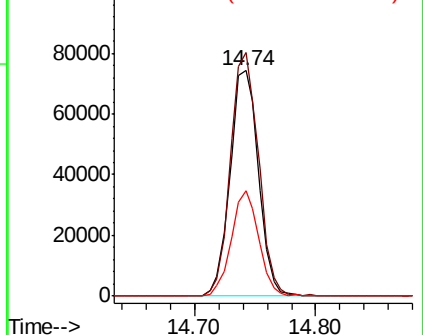


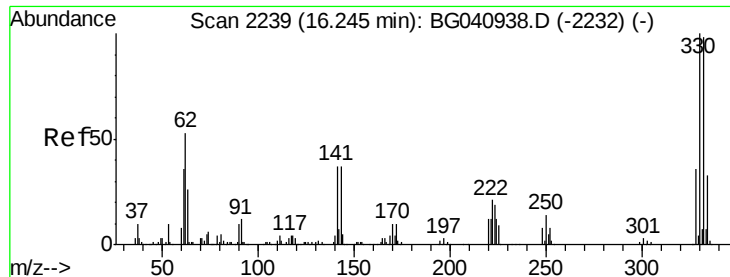
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion	164	Resp	121766
Ion Ratio	Lower	Upper	
164	100		
162	108.2	83.0	124.4
160	46.5	35.6	53.4



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: 115.490 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_G

ClientSampleId :

PB120371BL

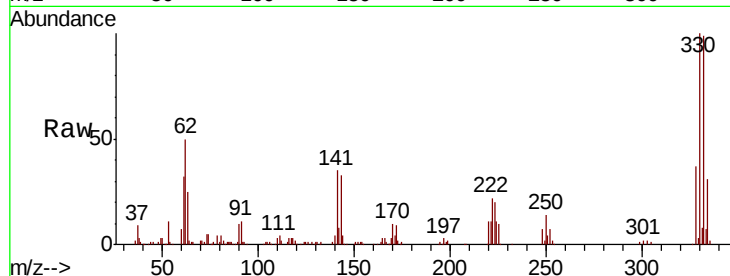
Tot Ion:330 Resp: 208771

Ion Ratio Lower Upper

330 100

332 95.4 78.5 117.7

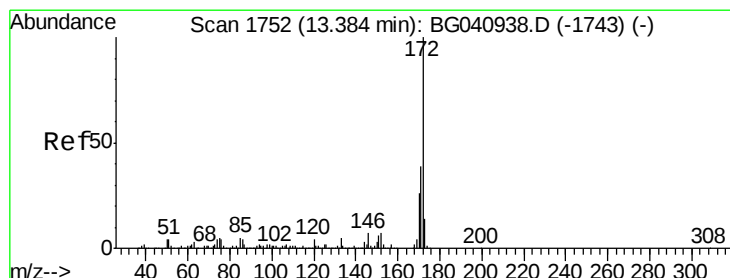
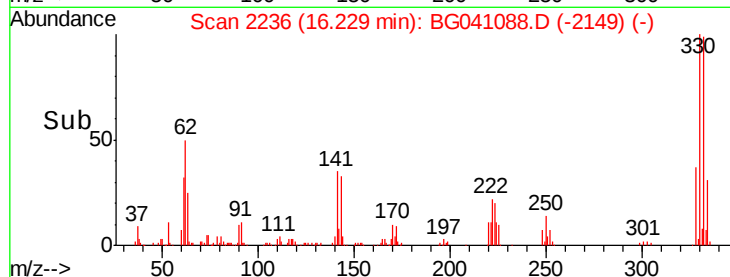
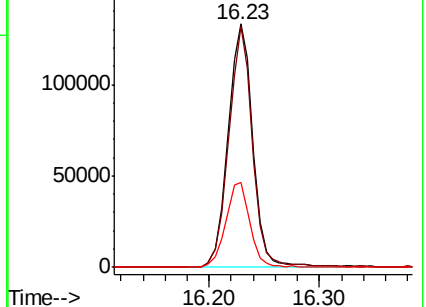
141 34.5 28.7 43.1



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: 77.504 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

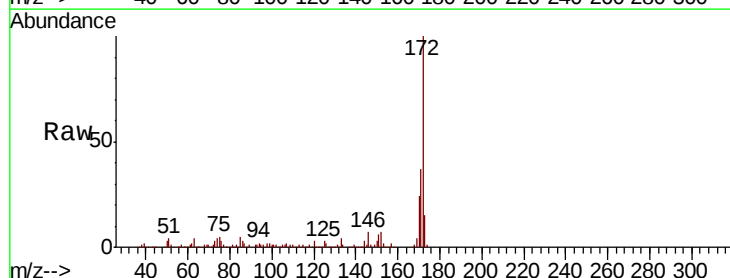
Tgt Ion:172 Resp: 655320

Ion Ratio Lower Upper

172 100

171 36.6 31.1 46.7

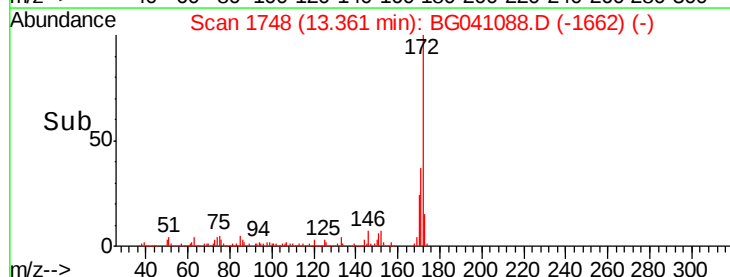
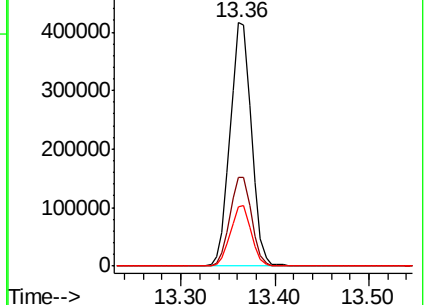
170 24.2 20.5 30.7

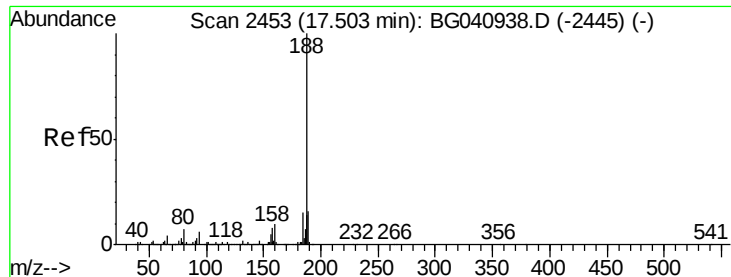


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.49 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_G

ClientSampled :

PB120371BL

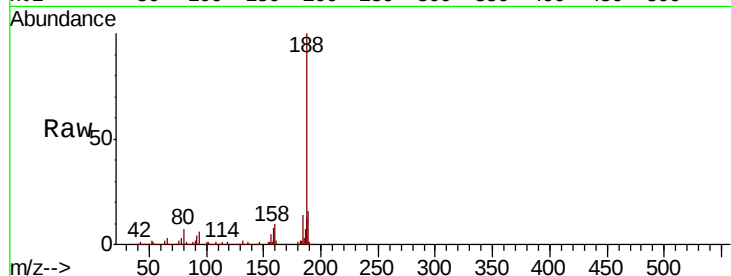
Tot Ion:188 Resp: 318224

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

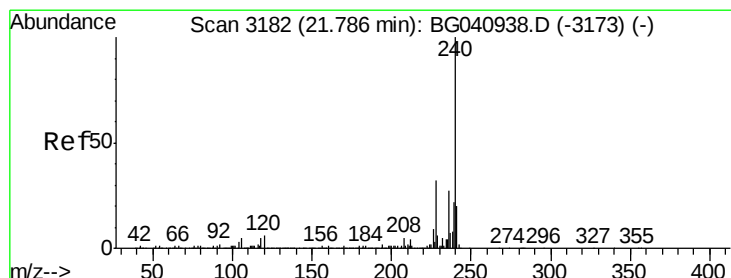
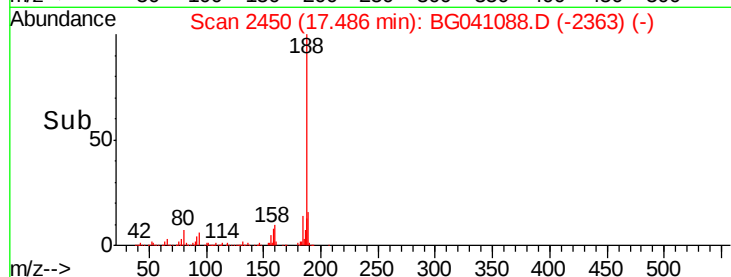
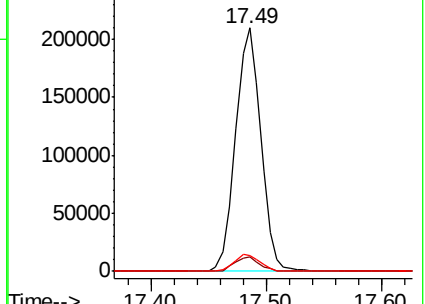
80 6.6 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

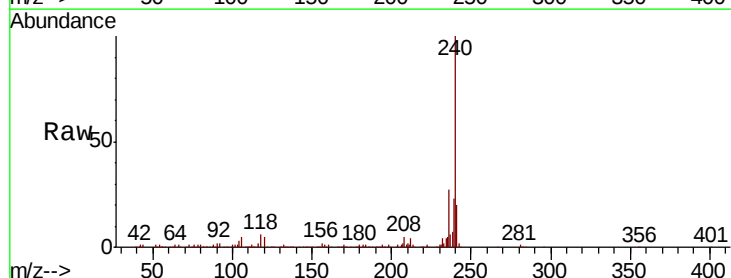
Tgt Ion:240 Resp: 365167

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

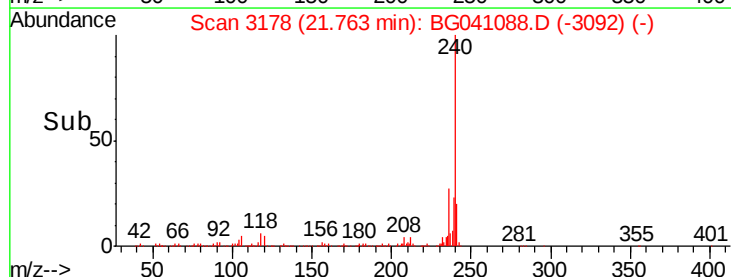
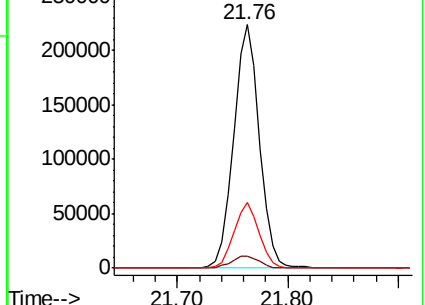
236 26.8 21.3 31.9

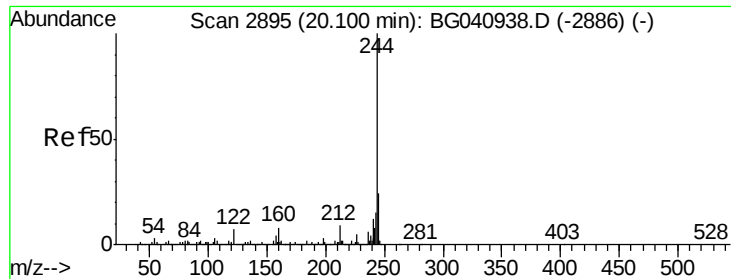


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.165 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

Instrument :

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PB120371BL

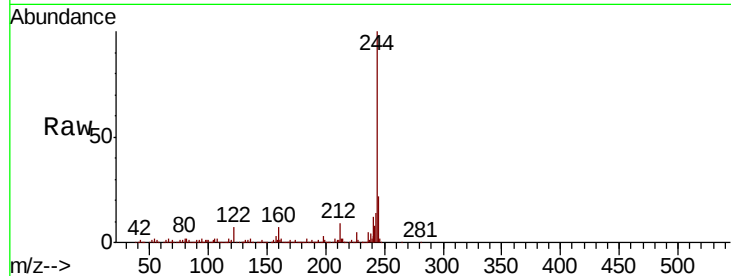
Tot Ion:244 Resp: 1258873

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

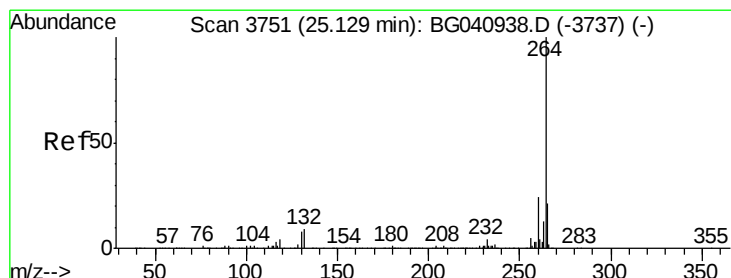
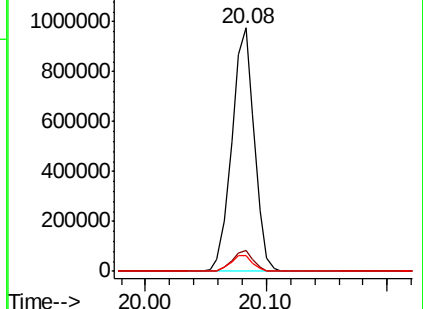
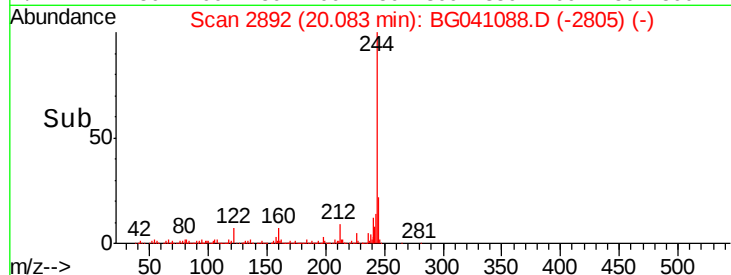
122 6.7 5.4 8.0



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: 25.09 min Scan# 3745

Delta R.T. -0.03 min

Lab File: BG041088.D

Acq: 6 Jun 2019 13:03

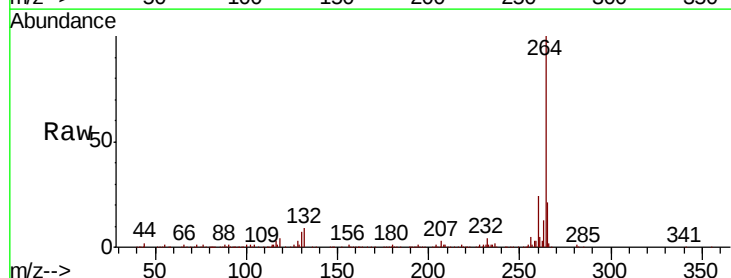
Tgt Ion:264 Resp: 393779

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.3 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

