

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045657.D
 Acq On : 9 Jun 2020 10:22
 Operator : CG/JU
 Sample : PB129381BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BL

Quant Time: Jun 09 11:15:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	53650	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	229839	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170932	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	414450	20.00	ng	0.00
76) Chrysene-d12	21.60	240	404756	20.00	ng	0.00
87) Perylene-d12	24.74	264	421648	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	367883	134.01	ng	0.00
7) Phenol-d6	7.14	99	519789	133.03	ng	-0.01
23) Nitrobenzene-d5	9.11	82	372576	88.40	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	278783	127.53	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	905517	89.86	ng	0.00
79) Terphenyl-d14	19.96	244	1645153	94.80	ng	0.00

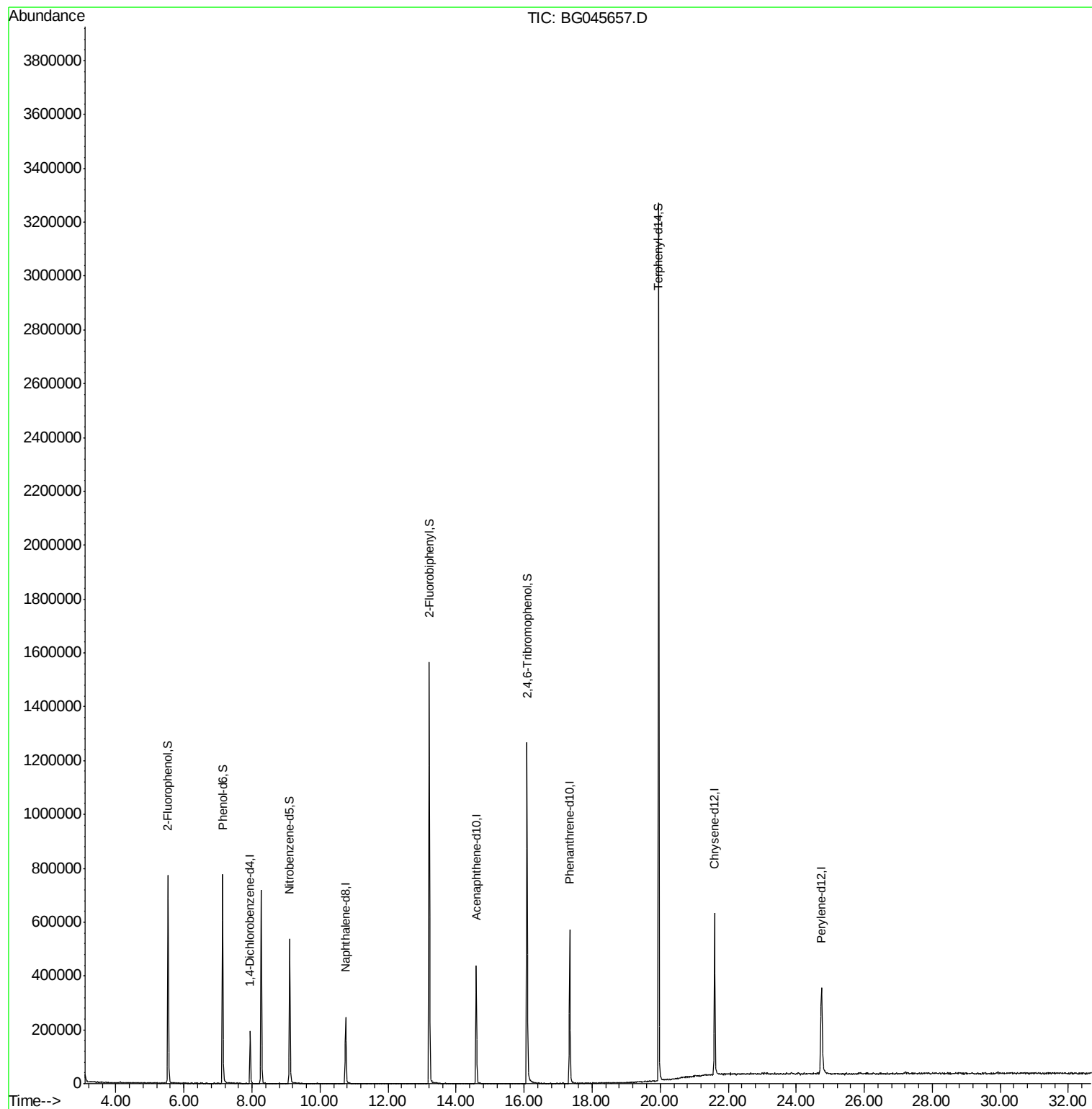
Target Compounds	Qvalue
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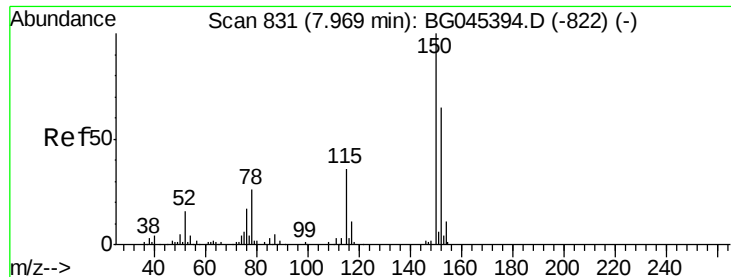
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampleId :

PB129381BL

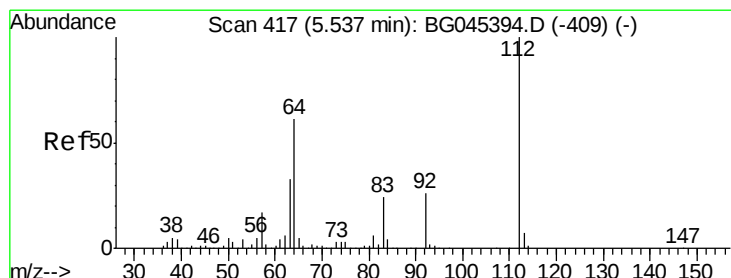
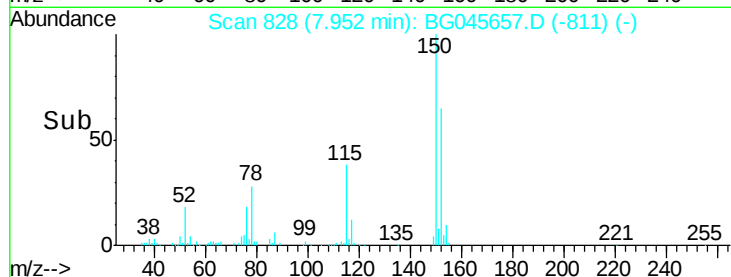
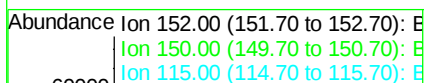
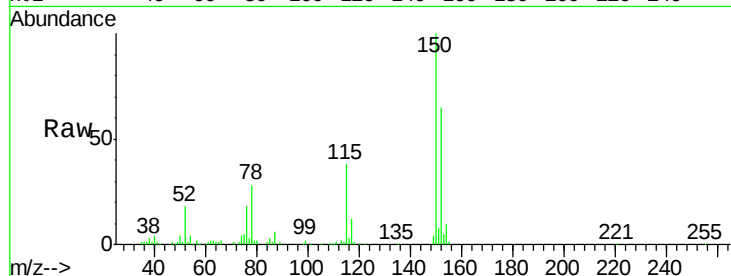
Tgt Ion:152 Resp: 53650

Ion Ratio Lower Upper

152 100

150 153.5 122.4 183.6

115 57.7 44.2 66.4



#5

2-Fluorophenol

Concen: 134.01 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

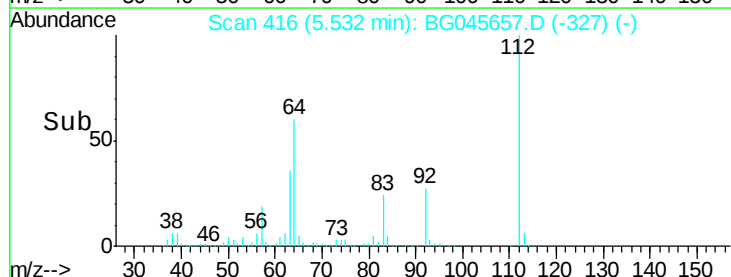
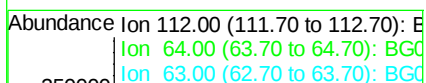
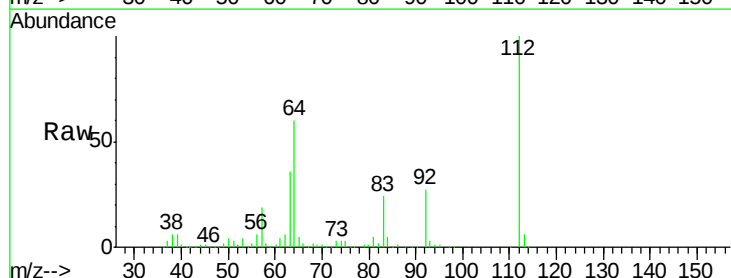
Tgt Ion:112 Resp: 367883

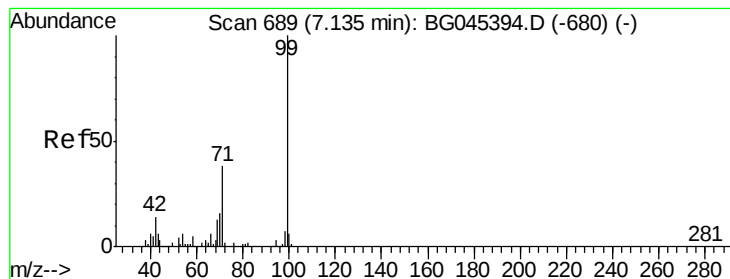
Ion Ratio Lower Upper

112 100

64 59.9 48.6 72.8

63 35.9 26.5 39.7





#7

Phenol-d6

Concen: 133.03 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampleId :

PB129381BL

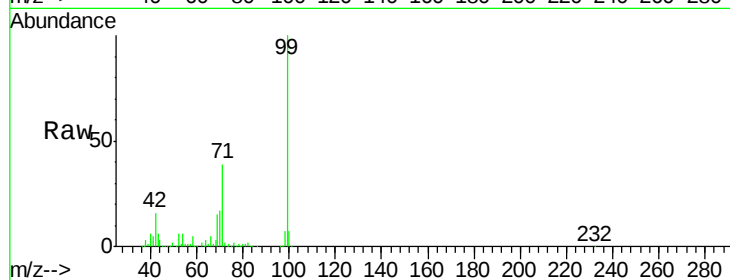
Tgt Ion: 99 Resp: 519789

Ion Ratio Lower Upper

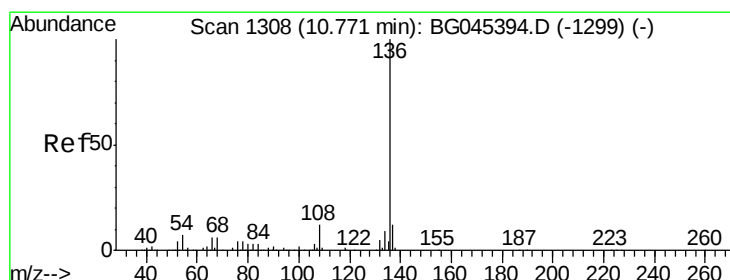
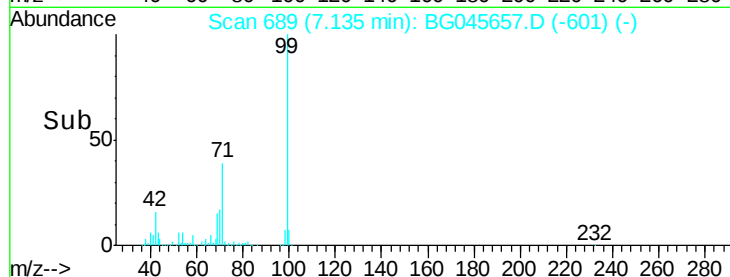
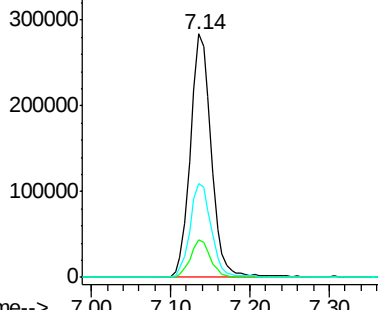
99 100

42 15.6 11.3 16.9

71 38.7 30.8 46.2



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: 20.00 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Tgt Ion: 136 Resp: 229839

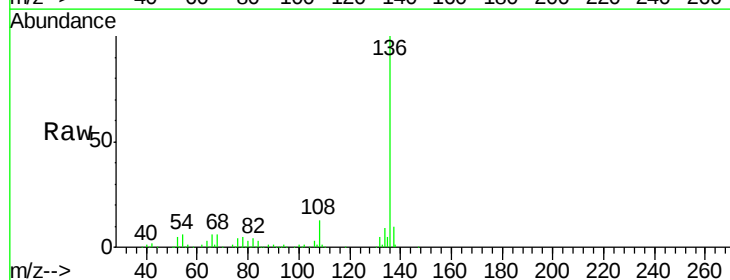
Ion Ratio Lower Upper

136 100

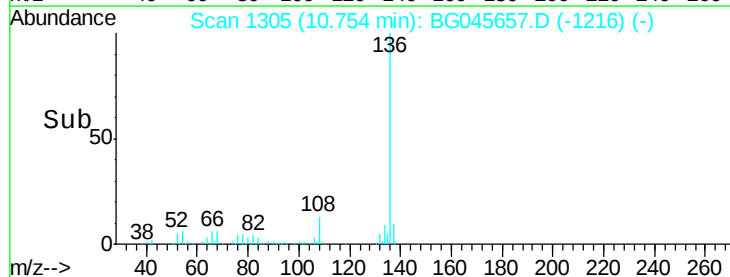
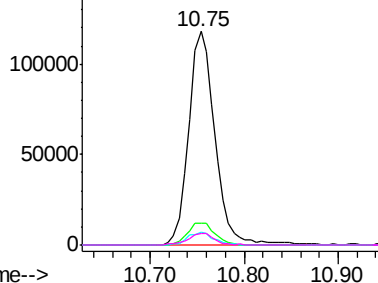
137 9.9 9.4 14.2

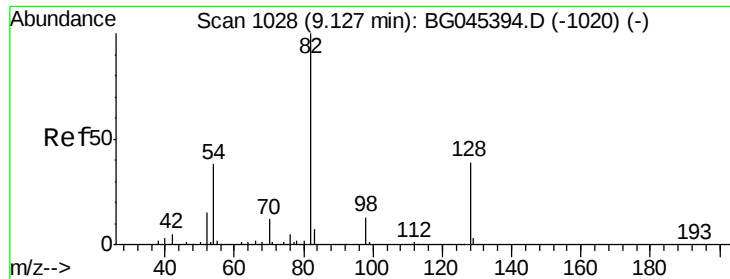
54 6.0 5.8 8.6

68 5.6 4.5 6.7



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

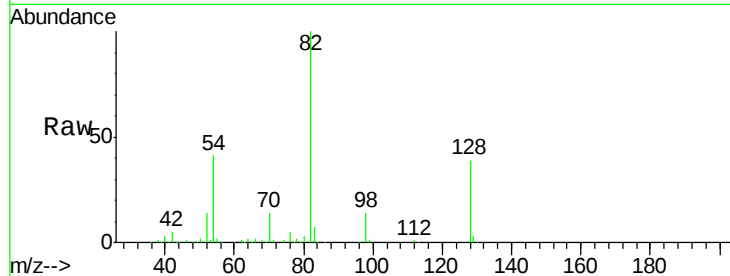




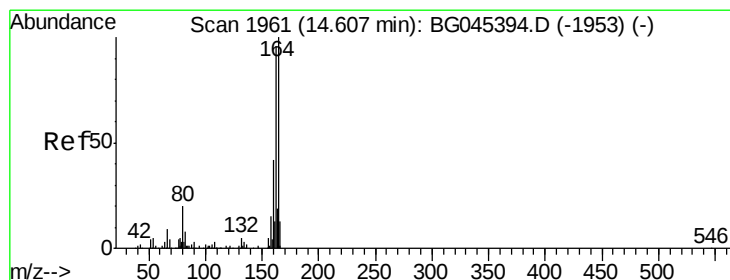
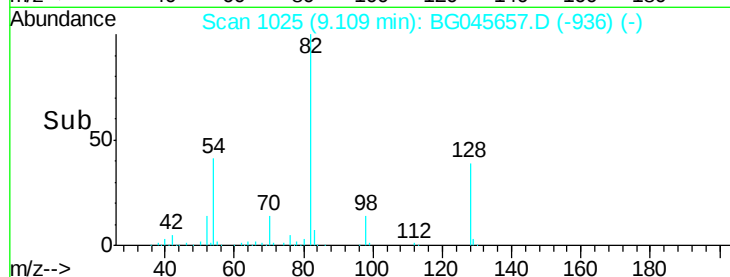
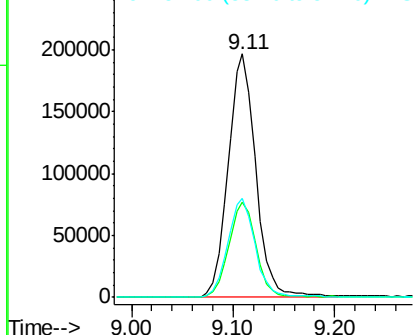
#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

Instrument :
BNA_G
ClientSampleId :
PB129381BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	40.7	30.3	45.5

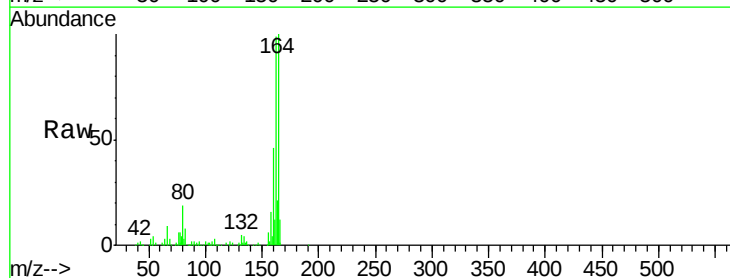


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

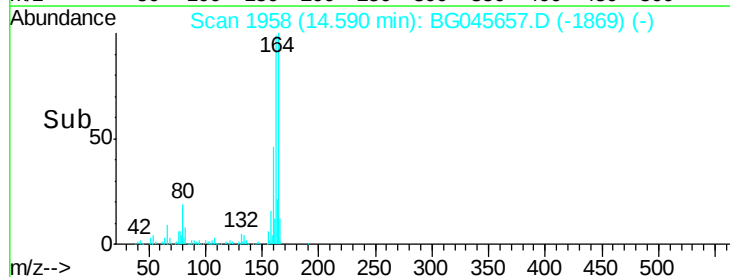
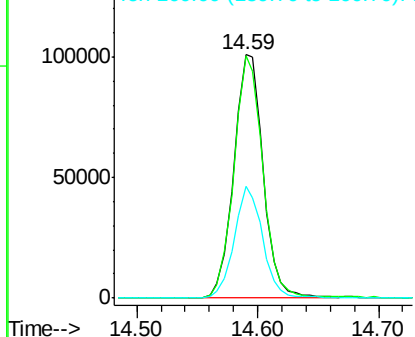


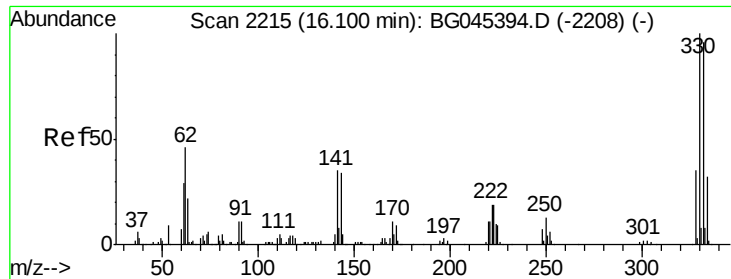
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	76.9	115.3
160	45.9	33.8	50.8



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: 127.53 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampleId :

PB129381BL

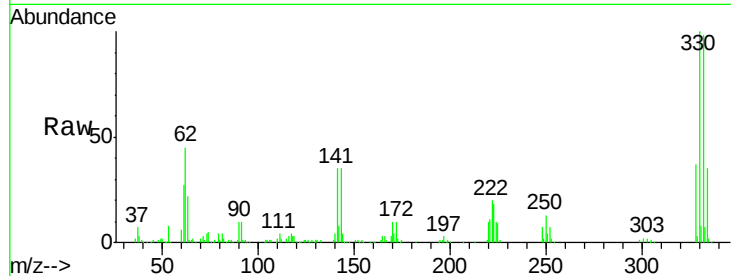
Tgt Ion:330 Resp: 278783

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

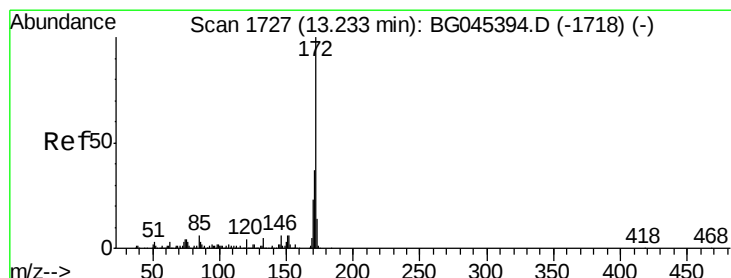
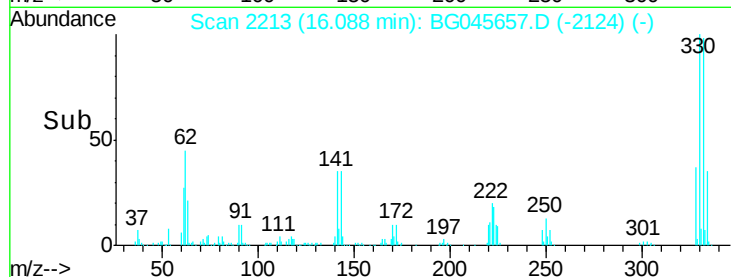
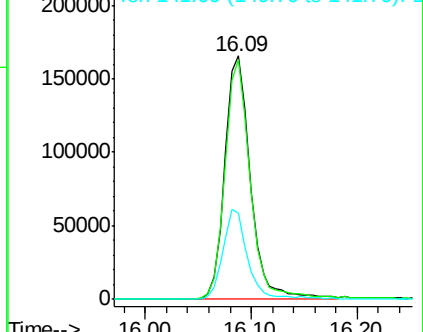
141 36.2 28.2 42.4



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: 89.86 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

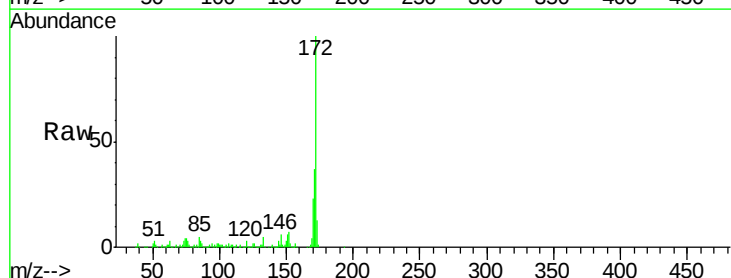
Tgt Ion:172 Resp: 905517

Ion Ratio Lower Upper

172 100

171 36.7 29.5 44.3

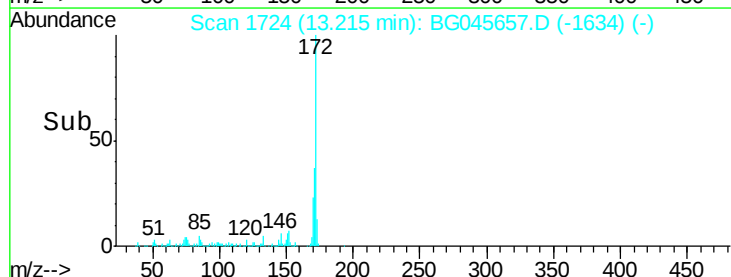
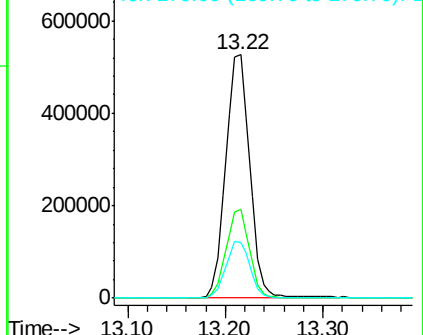
170 22.9 18.5 27.7

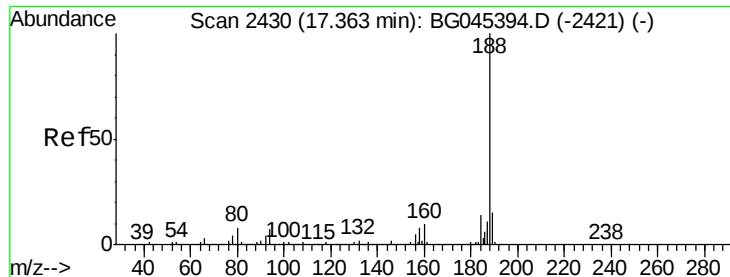


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampleId :

PB129381BL

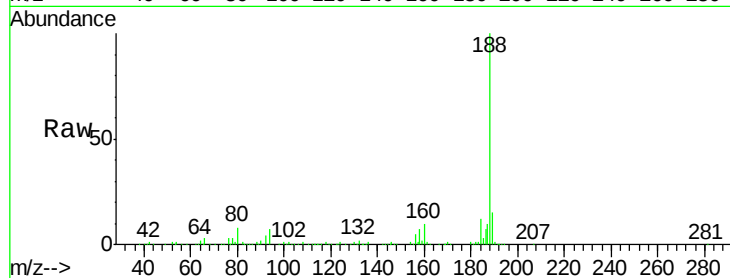
Tgt Ion:188 Resp: 414450

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

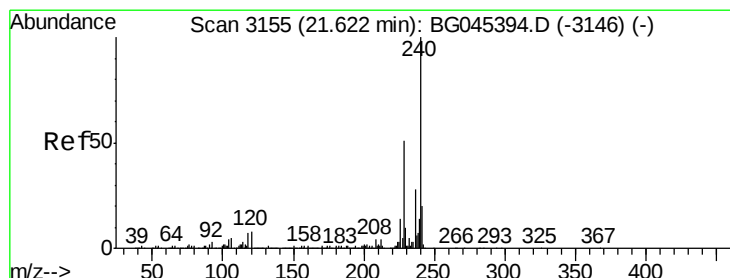
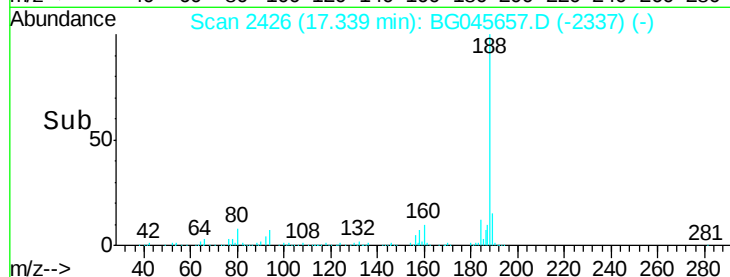
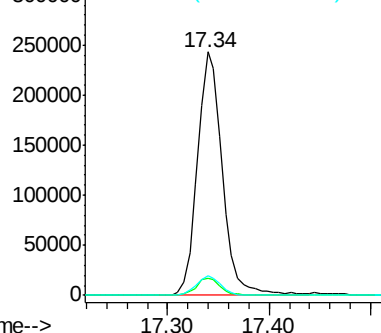
80 8.1 6.6 10.0



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: 20.00 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

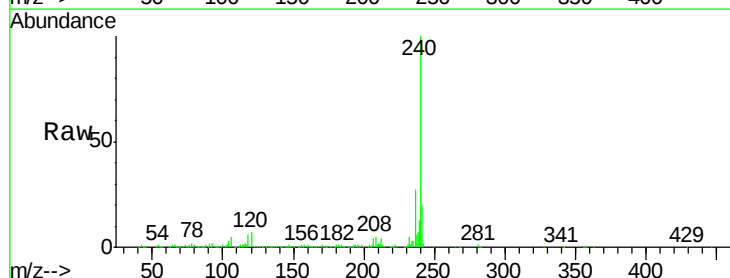
Tgt Ion:240 Resp: 404756

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

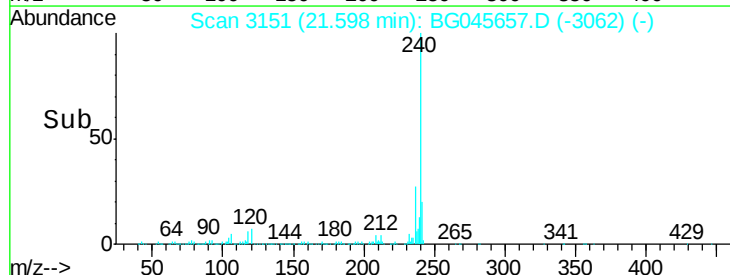
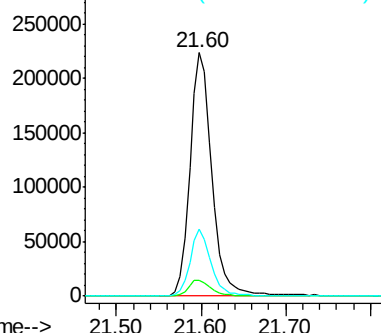
236 27.4 22.3 33.5

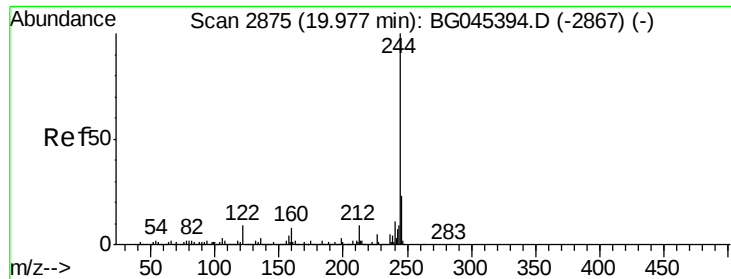


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.80 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampled :

PB129381BL

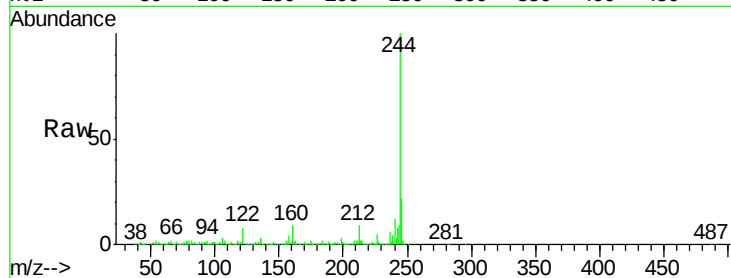
Tgt Ion:244 Resp: 1645153

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

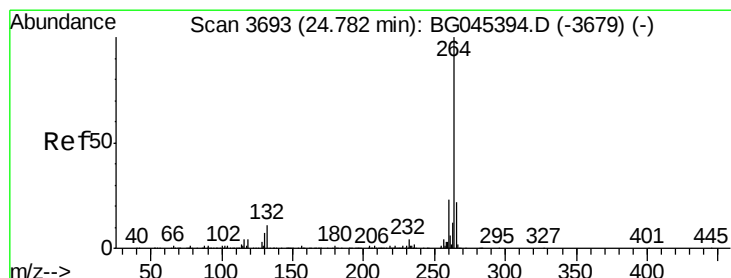
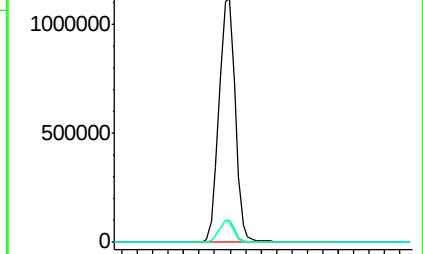
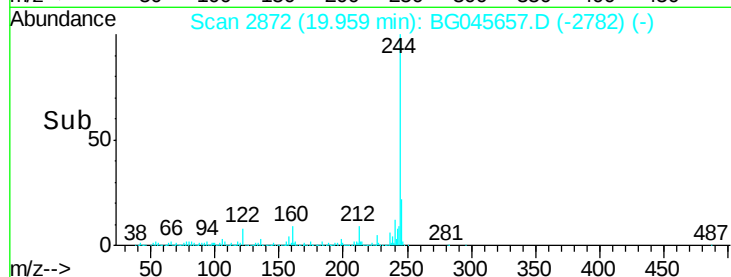
122 8.1 6.8 10.2



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: 20.00 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

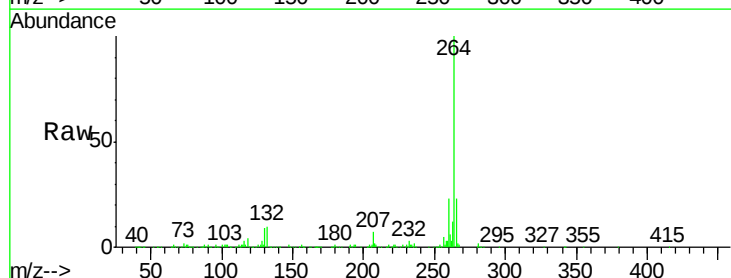
Tgt Ion:264 Resp: 421648

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 23.1 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

