

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045633.D
 Acq On : 6 Jun 2020 3:39
 Operator : CG/JU
 Sample : PB129334TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129334TB

Quant Time: Jun 06 04:54:00 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	54525	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	220049	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	147959	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	346493	20.00	ng	0.00
76) Chrysene-d12	21.60	240	358943	20.00	ng	0.00
87) Perylene-d12	24.75	264	377400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	382087	136.95	ng	0.00
7) Phenol-d6	7.14	99	528746	133.15	ng	0.00
23) Nitrobenzene-d5	9.11	82	367619	91.10	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	263495	139.25	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	840963	96.41	ng	0.00
79) Terphenyl-d14	19.96	244	1576882	102.46	ng	0.00

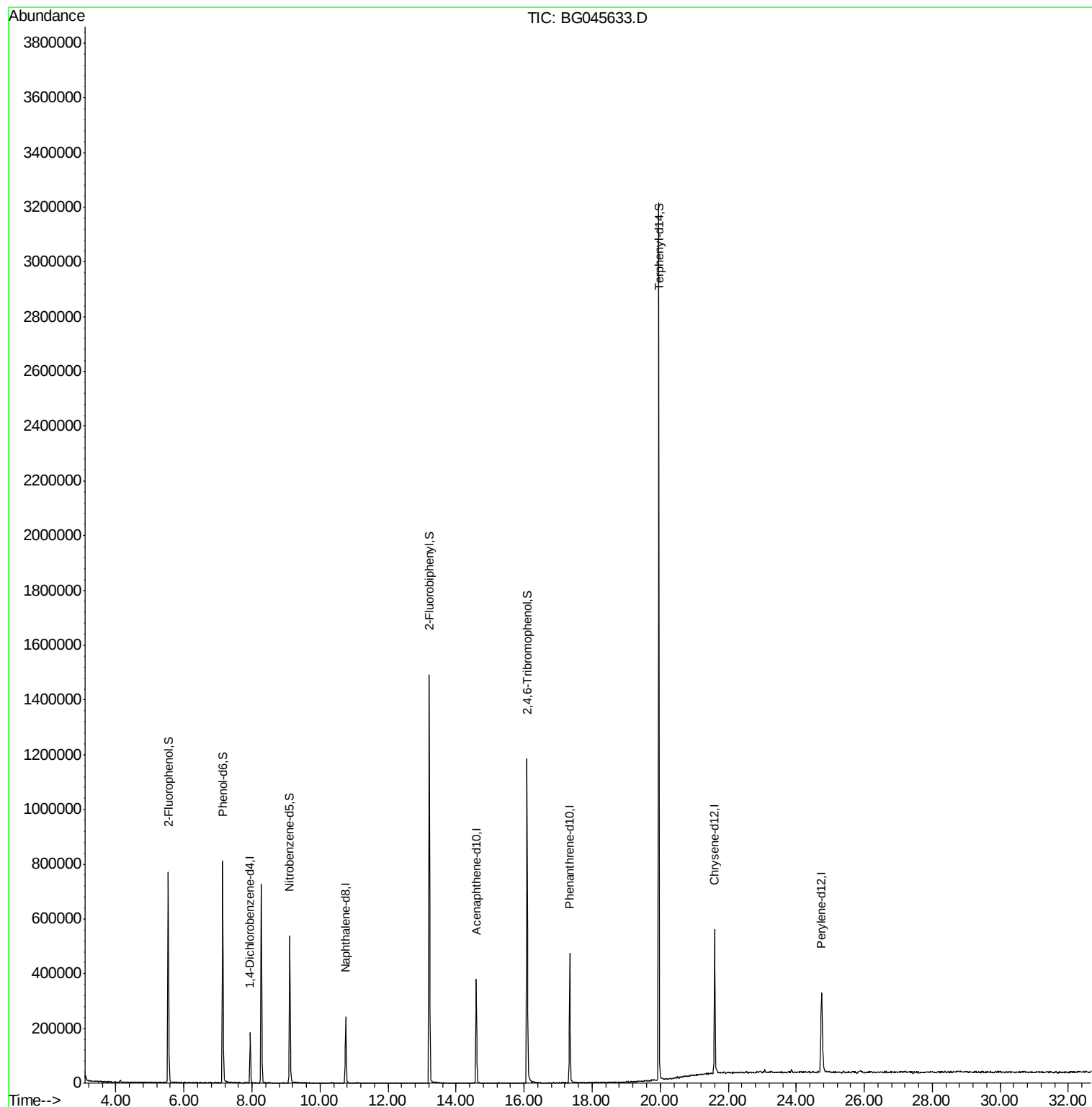
Target Compounds	Qvalue
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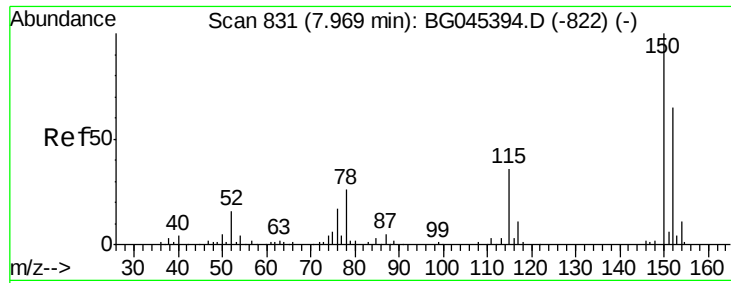
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

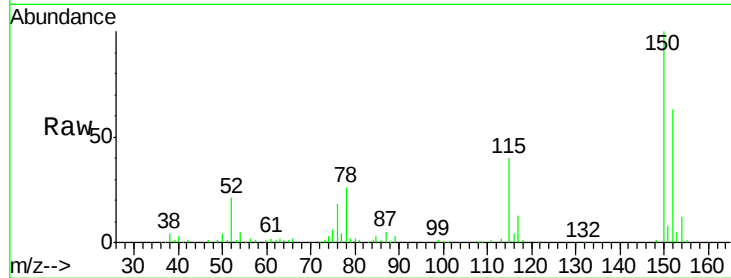
Tgt Ion:152 Resp: 54525

Ion Ratio Lower Upper

152 100

150 157.5 122.4 183.6

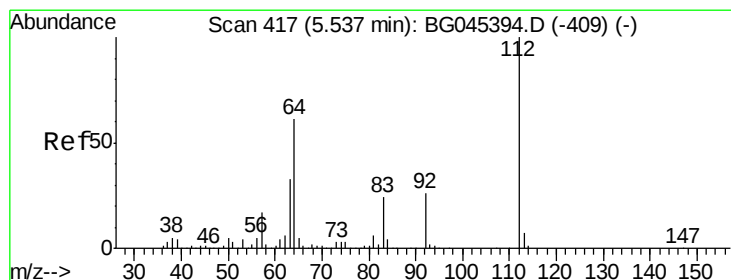
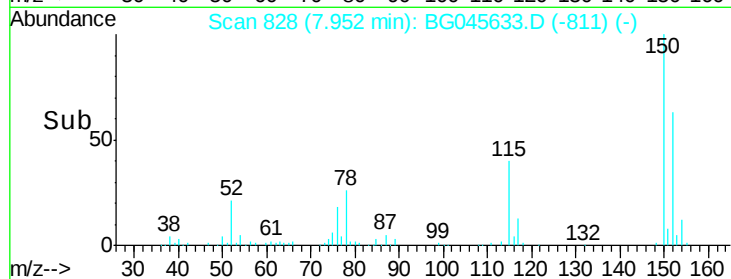
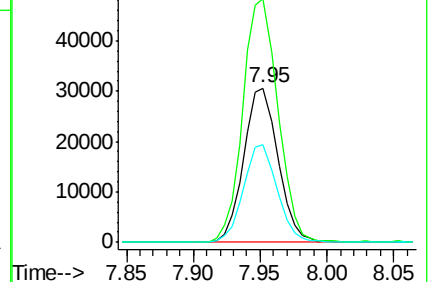
115 63.0 44.2 66.4



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: 136.95 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

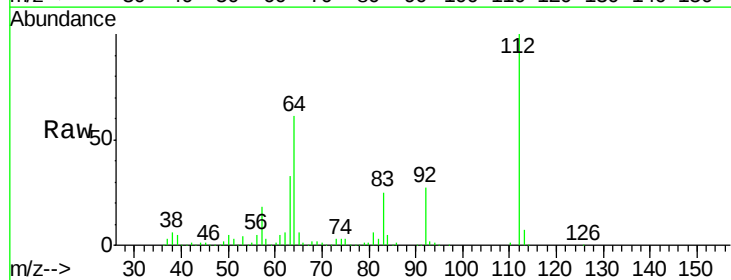
Tgt Ion:112 Resp: 382087

Ion Ratio Lower Upper

112 100

64 61.2 48.6 72.8

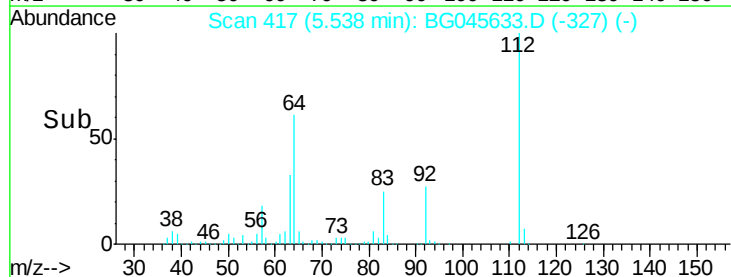
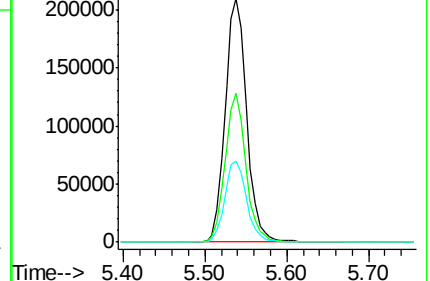
63 33.5 26.5 39.7

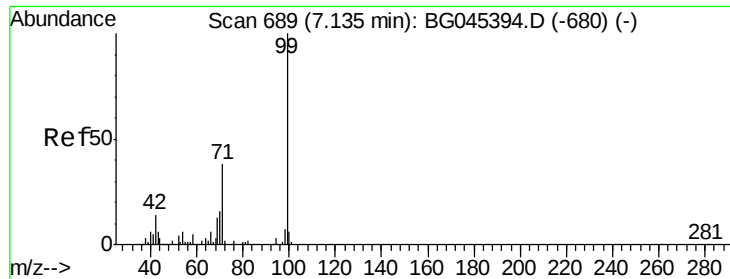


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.15 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

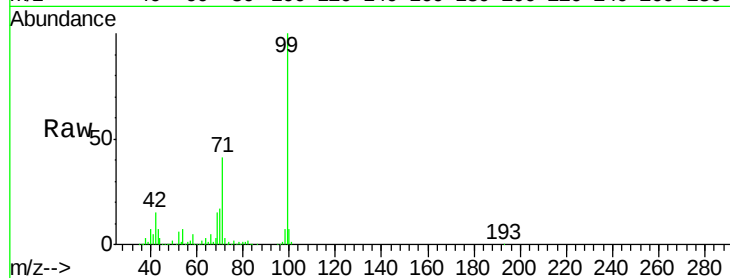
Tgt Ion: 99 Resp: 528746

Ion Ratio Lower Upper

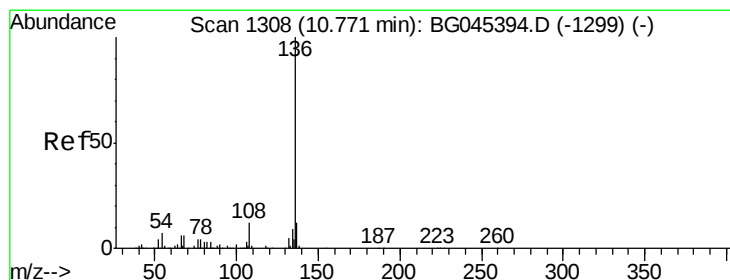
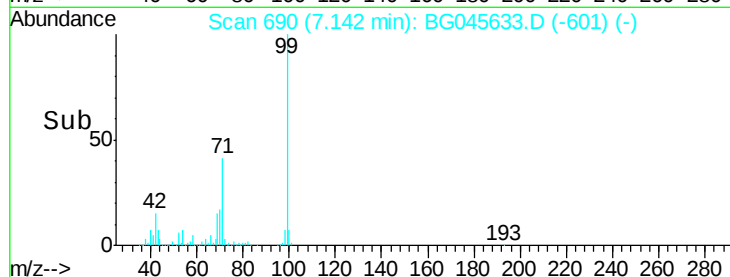
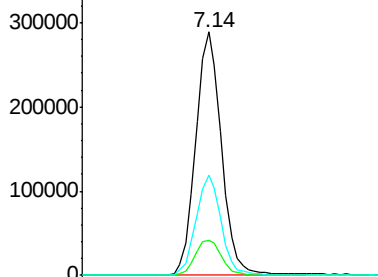
99 100

42 14.6 11.3 16.9

71 41.2 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. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Tgt Ion: 136 Resp: 220049

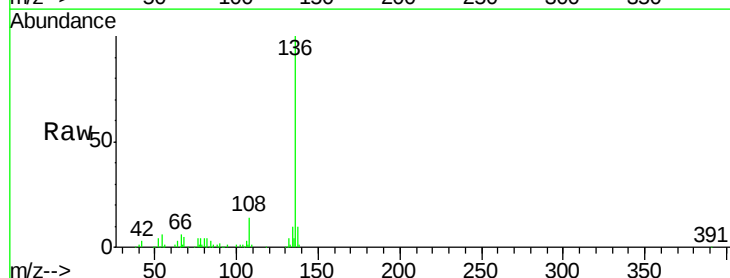
Ion Ratio Lower Upper

136 100

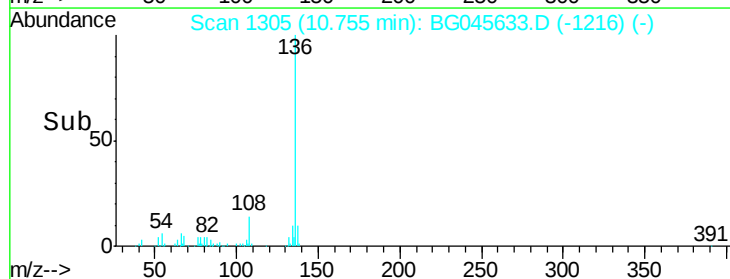
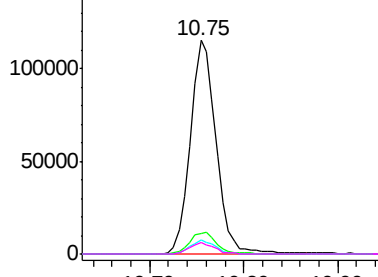
137 9.9 9.4 14.2

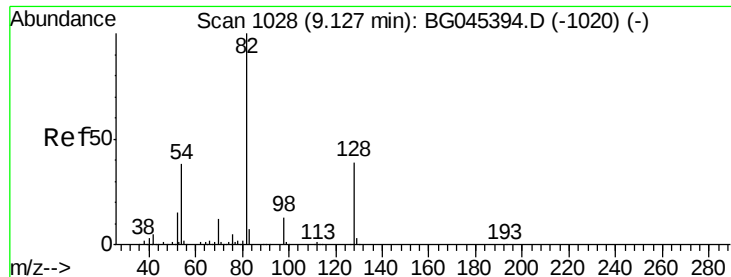
54 6.4 5.8 8.6

68 5.2 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

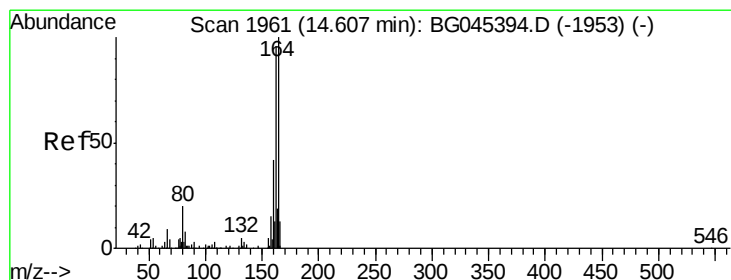
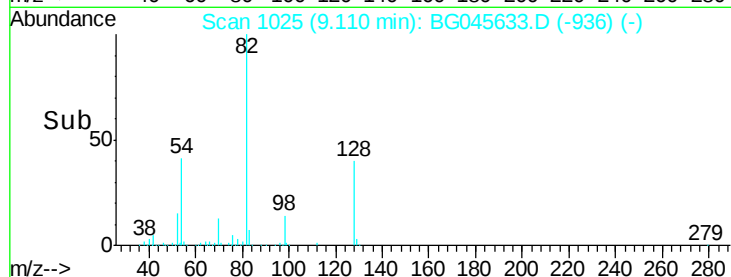
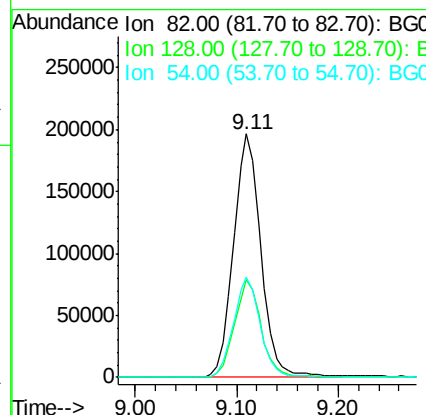
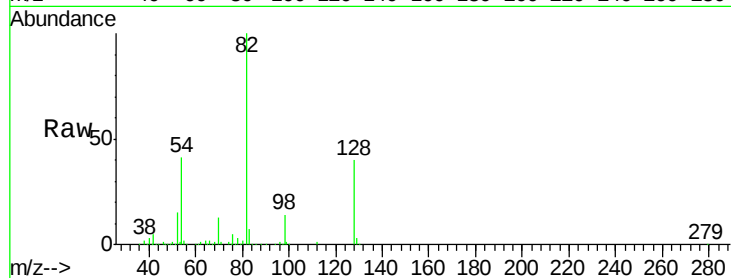




#23
 Nitrobenzene-d5
 Concen: 91.10 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045633.D
 Acq: 6 Jun 2020 3:39

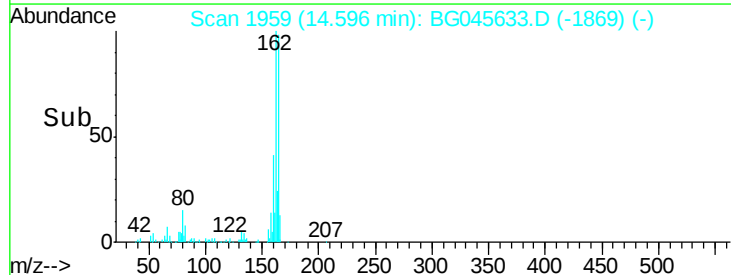
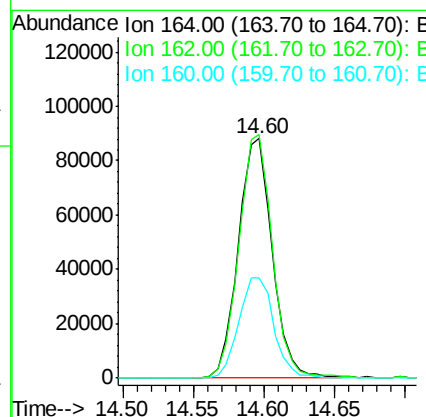
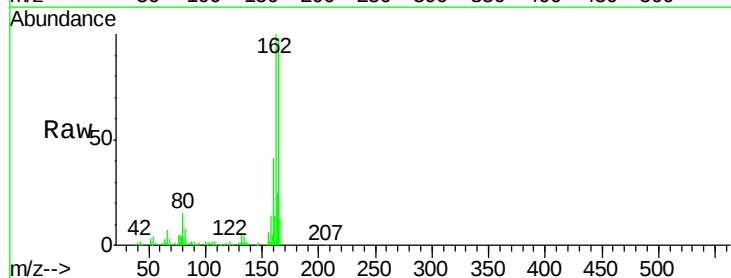
Instrument :
 BNA_G
 ClientSampleId :
 PB129334TB

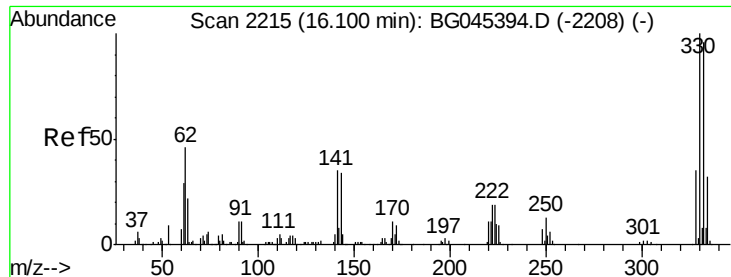
Tgt Ion: 82 Resp: 367619
 Ion Ratio Lower Upper
 82 100
 128 40.2 30.9 46.3
 54 41.3 30.3 45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045633.D
 Acq: 6 Jun 2020 3:39

Tgt Ion: 164 Resp: 147959
 Ion Ratio Lower Upper
 164 100
 162 101.6 76.9 115.3
 160 41.7 33.8 50.8





#42

2,4,6-Tribromophenol

Concen: 139.25 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

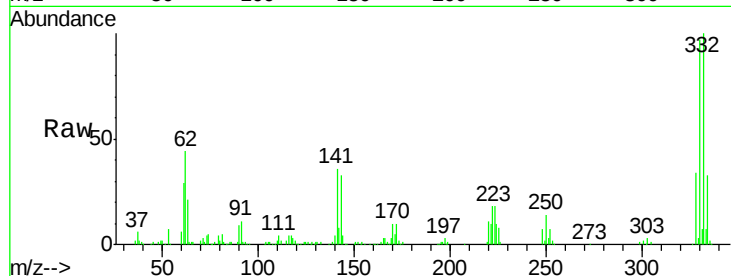
Tgt Ion:330 Resp: 263495

Ion Ratio Lower Upper

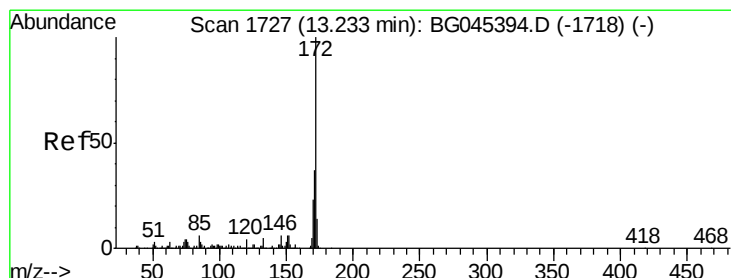
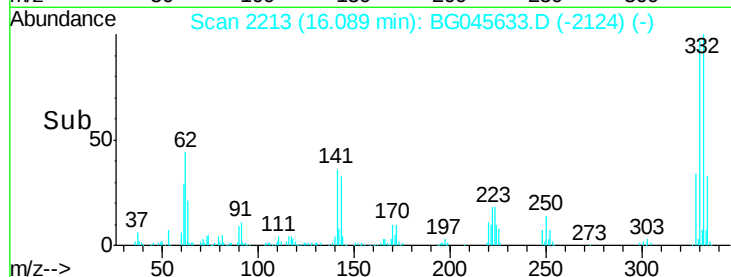
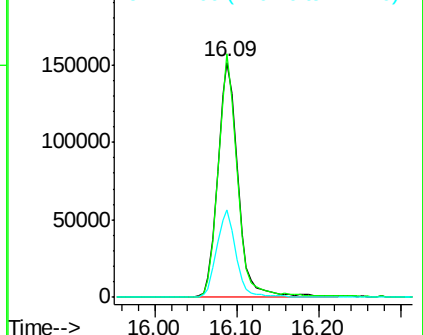
330 100

332 97.2 78.2 117.4

141 35.6 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: 96.41 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

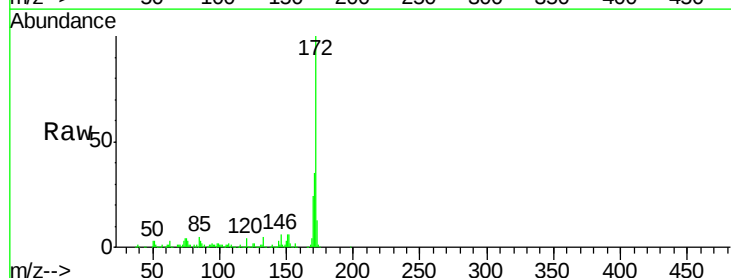
Tgt Ion:172 Resp: 840963

Ion Ratio Lower Upper

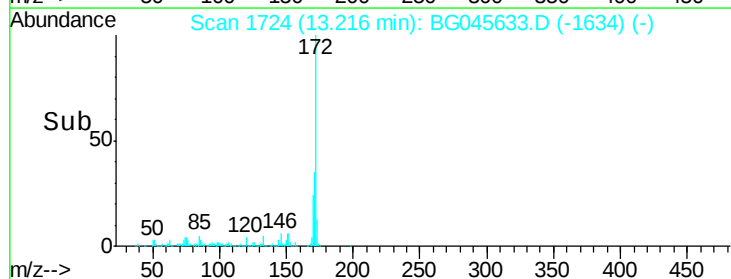
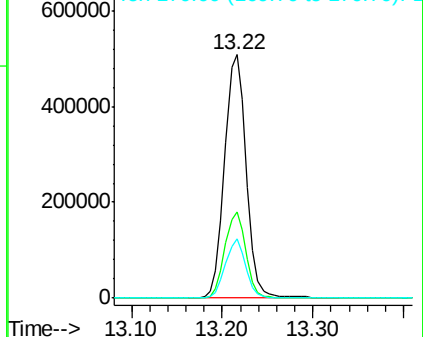
172 100

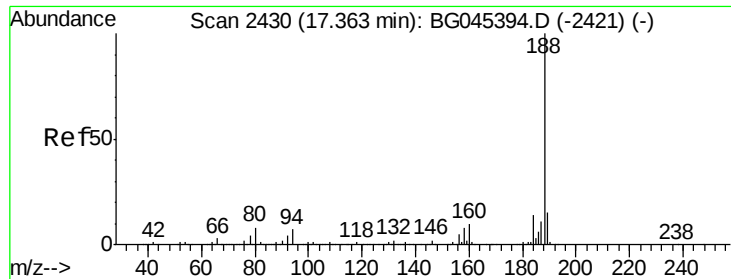
171 35.2 29.5 44.3

170 24.3 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. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

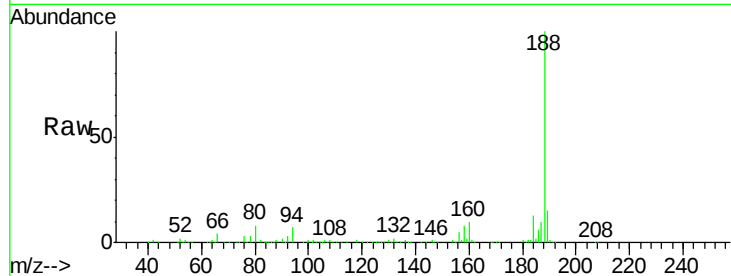
Tgt Ion:188 Resp: 346493

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

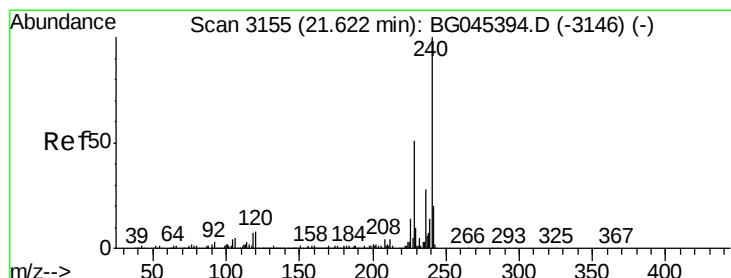
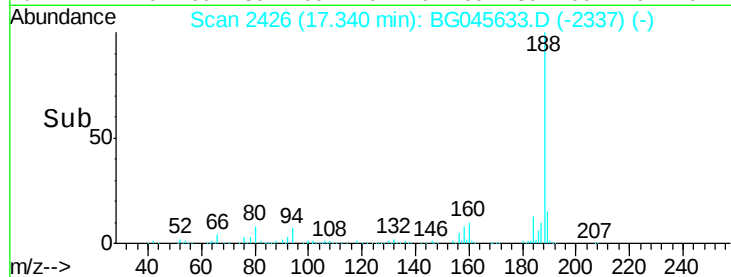
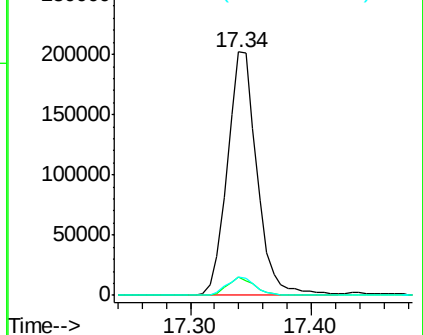
80 7.7 6.6 10.0



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. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

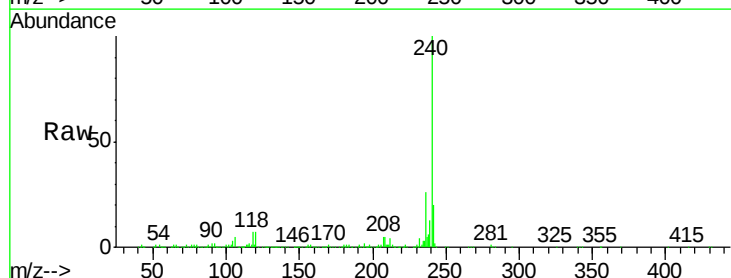
Tgt Ion:240 Resp: 358943

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

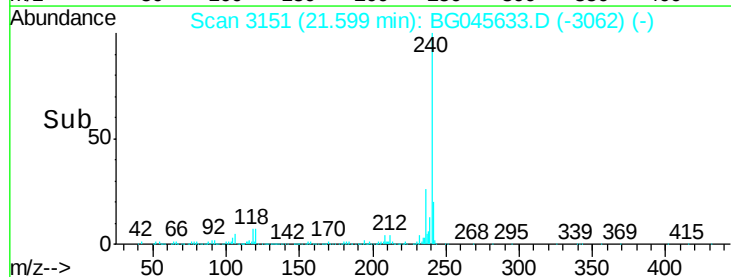
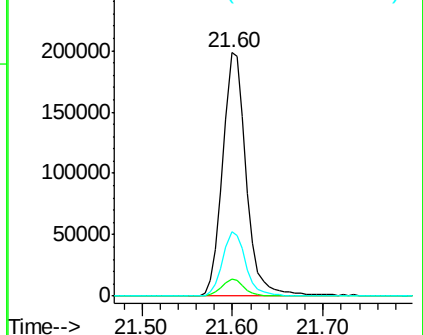
236 26.5 22.3 33.5

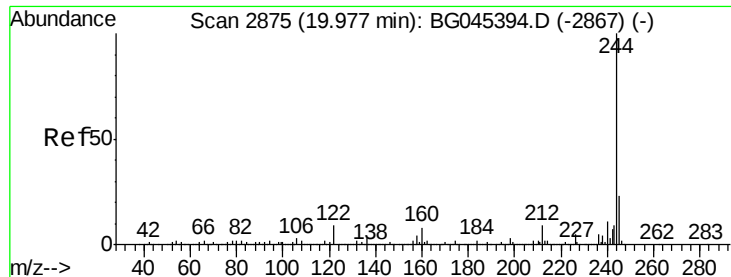


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.46 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

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PB129334TB

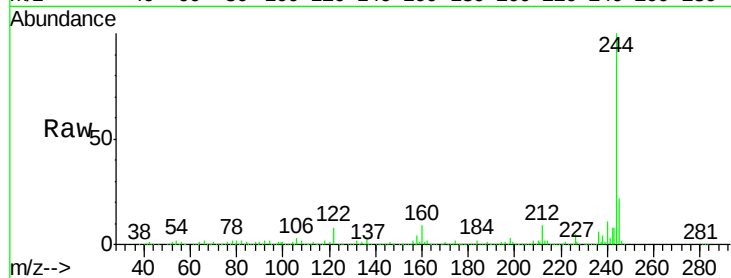
Tgt Ion:244 Resp: 1576882

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

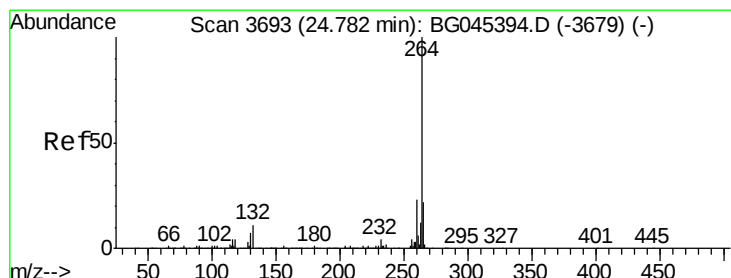
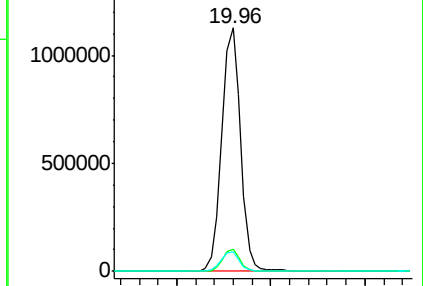
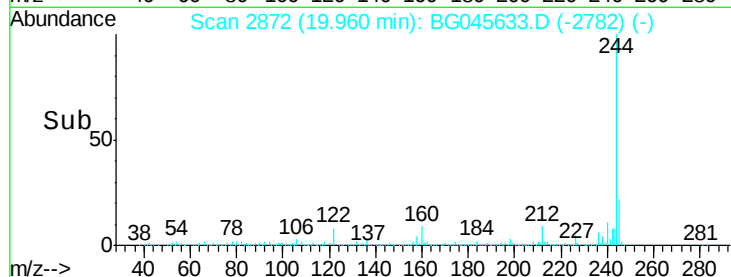
122 7.9 6.8 10.2



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: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

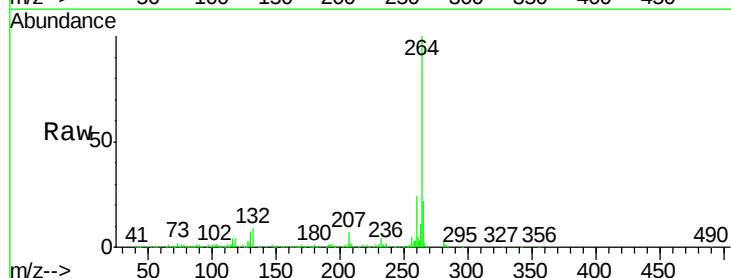
Tgt Ion:264 Resp: 377400

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.8 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

