

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045627.D
 Acq On : 5 Jun 2020 22:14
 Operator : CG/JU
 Sample : L2903-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Jun 06 02:28:36 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

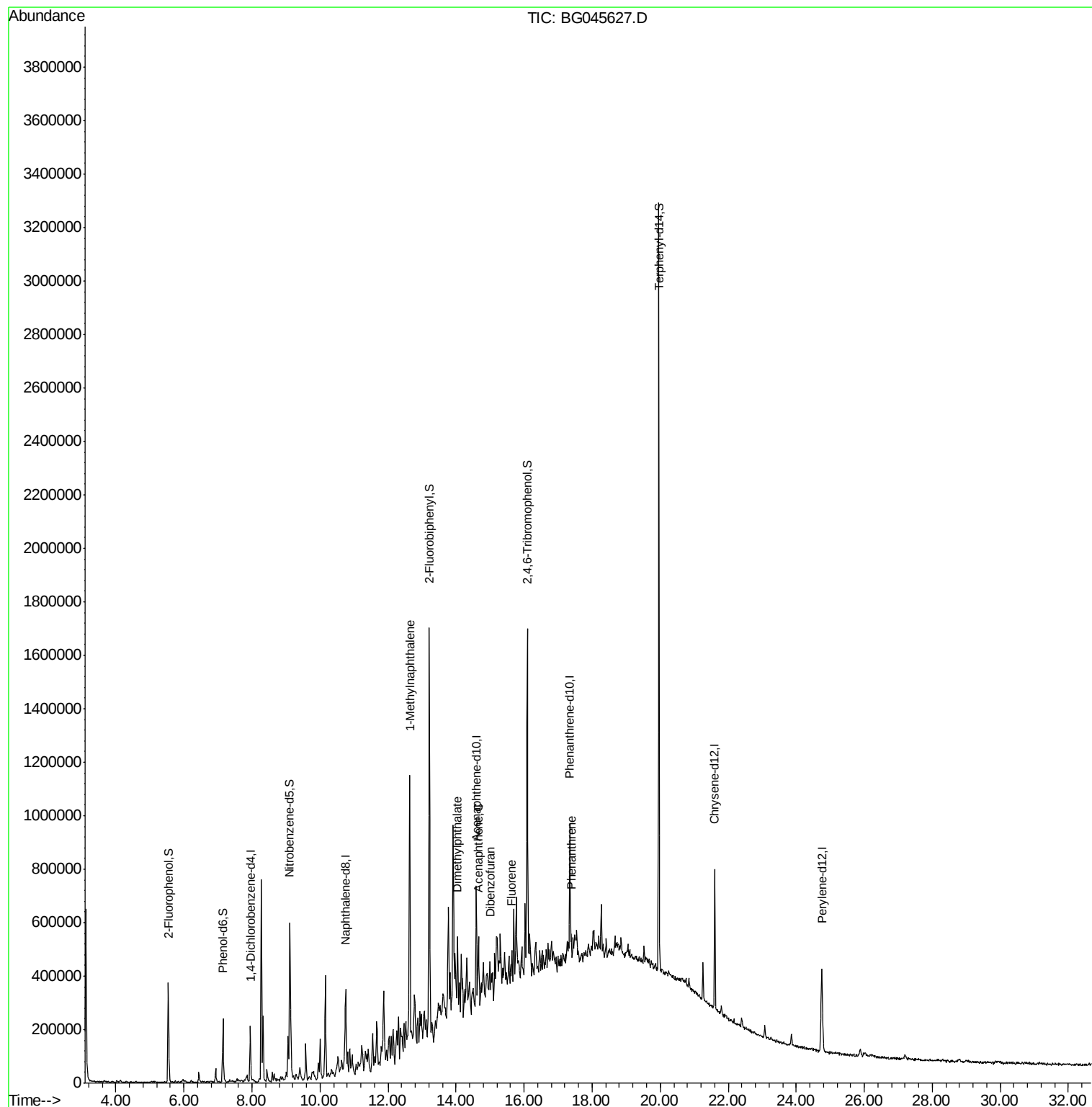
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61698	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	217850	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	142801	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	306273	20.00	ng	0.00
76) Chrysene-d12	21.60	240	324518	20.00	ng	0.00
87) Perylene-d12	24.75	264	364960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	196106	62.12	ng	0.00
7) Phenol-d6	7.14	99	159895	35.58	ng	0.00
23) Nitrobenzene-d5	9.11	82	404838	101.34	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	265214	145.22	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	815305	96.84	ng	0.00
79) Terphenyl-d14	19.97	244	1406011	101.05	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.64	142	473922	66.31	ng	# 96
50) Dimethylphthalate	14.05	163	138473	14.14	ng	97
52) Acenaphthene	14.66	154	35464	4.63	ng	96
55) Dibenzofuran	15.00	168	32944	2.90	ng	# 73
58) Fluorene	15.64	166	55322	5.92	ng	96
71) Phenanthrene	17.39	178	39834	2.98	ng	# 87

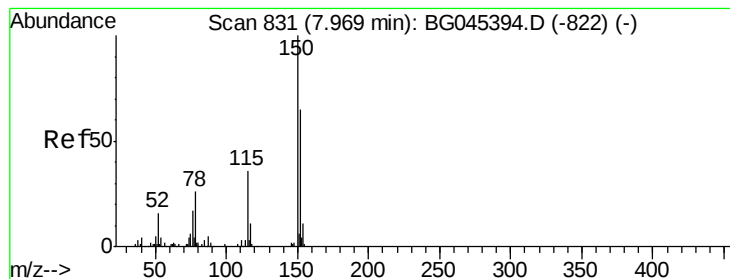
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045627.D
Acq On : 5 Jun 2020 22:14
Operator : CG/JU
Sample : L2903-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Time: Jun 06 02:28:36 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

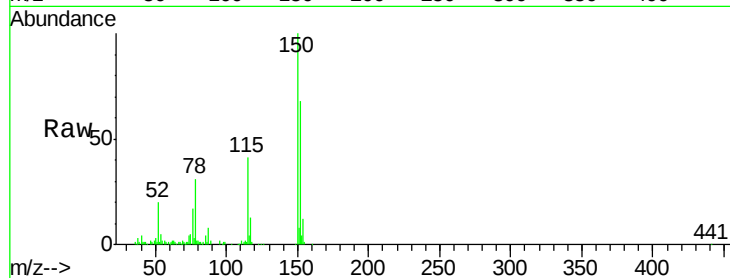
Tgt Ion:152 Resp: 61698

Ion Ratio Lower Upper

152 100

150 147.2 122.4 183.6

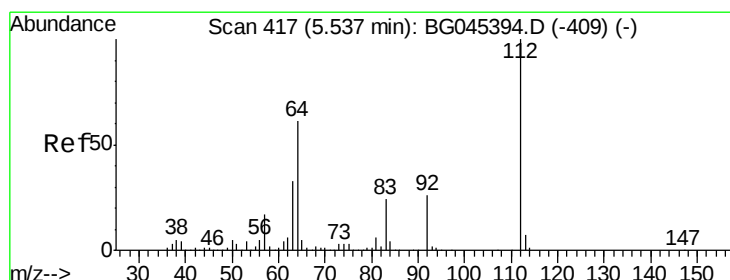
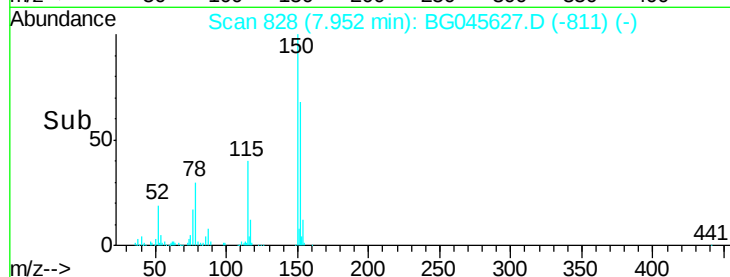
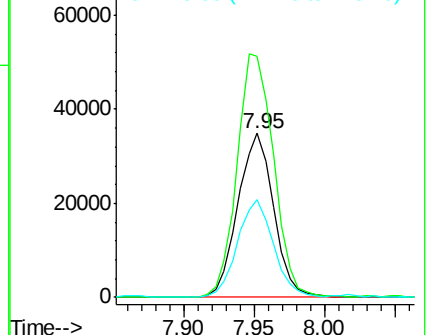
115 60.0 44.2 66.4



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: 62.12 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

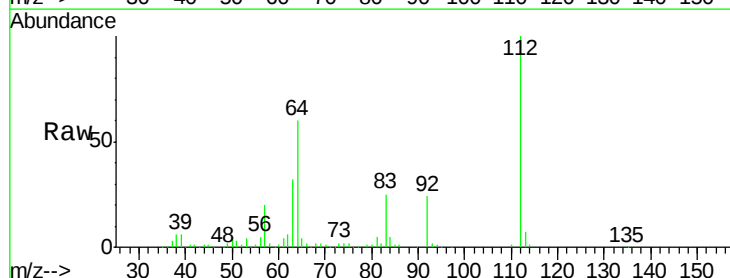
Tgt Ion:112 Resp: 196106

Ion Ratio Lower Upper

112 100

64 59.9 48.6 72.8

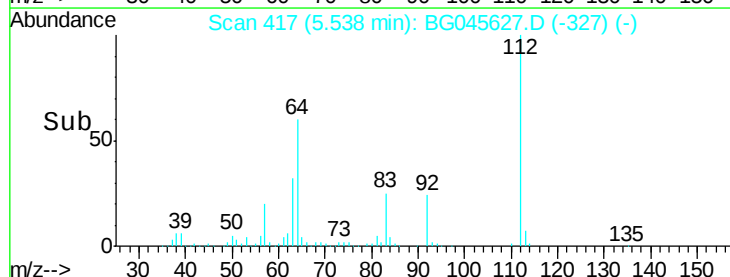
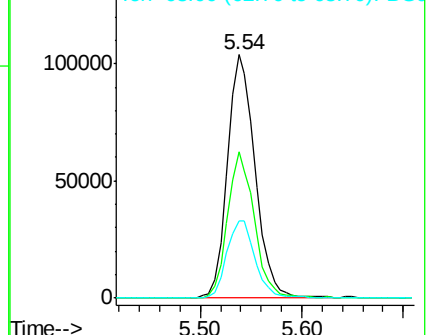
63 31.7 26.5 39.7

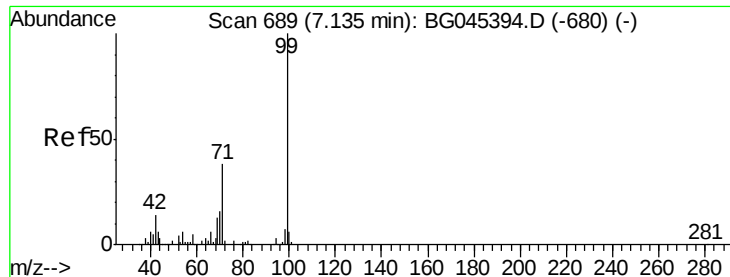


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.58 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

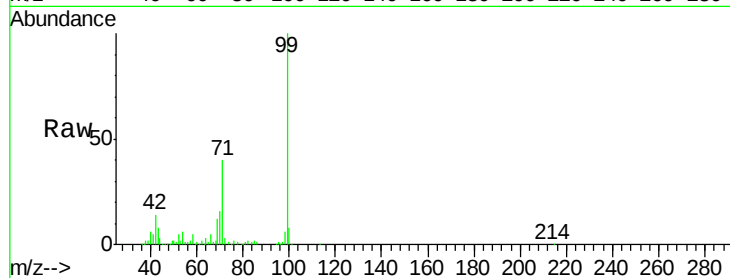
Tgt Ion: 99 Resp: 159895

Ion Ratio Lower Upper

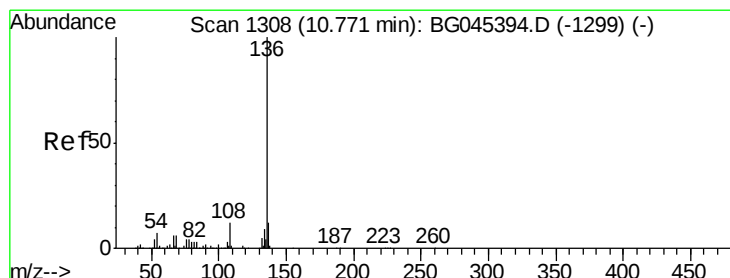
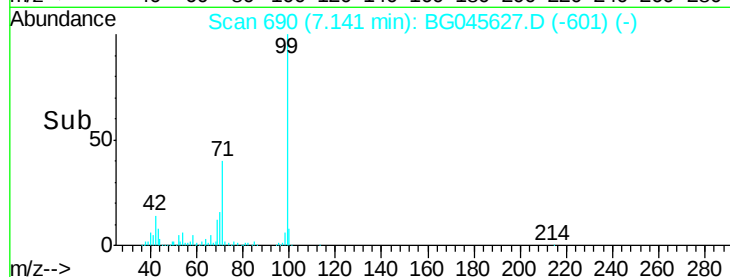
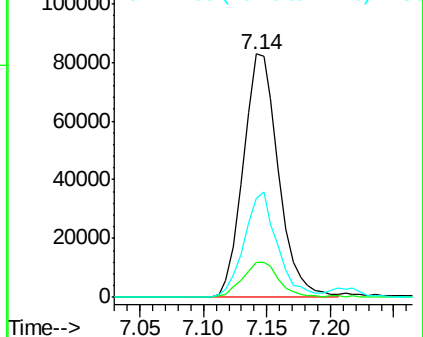
99 100

42 14.2 11.3 16.9

71 40.4 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: BG045627.D

Acq: 5 Jun 2020 22:14

Tgt Ion: 136 Resp: 217850

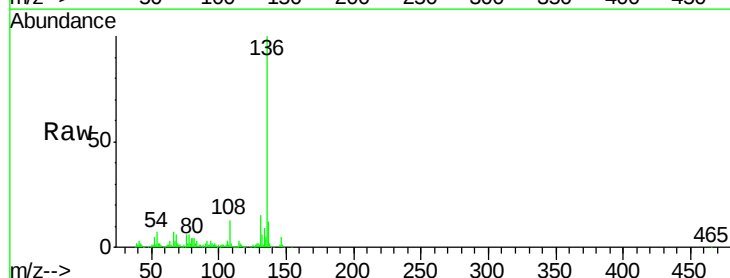
Ion Ratio Lower Upper

136 100

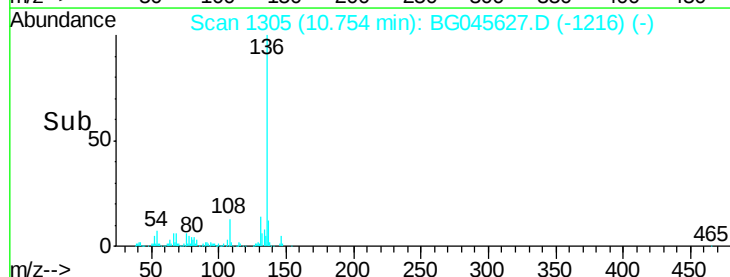
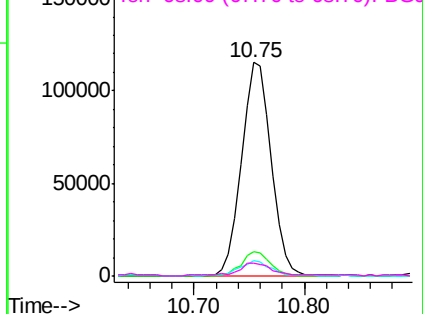
137 11.5 9.4 14.2

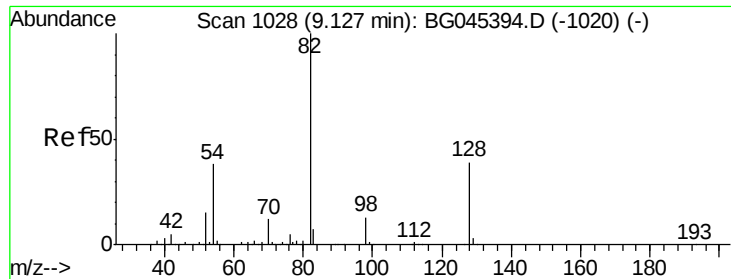
54 7.2 5.8 8.6

68 5.9 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

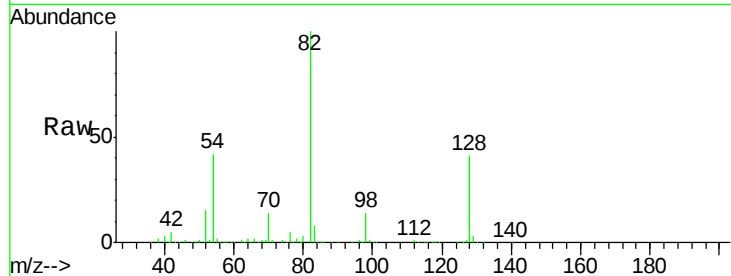




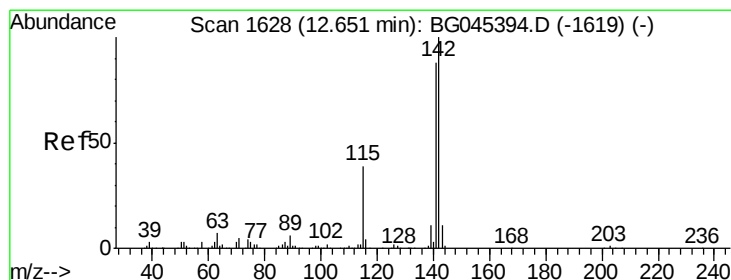
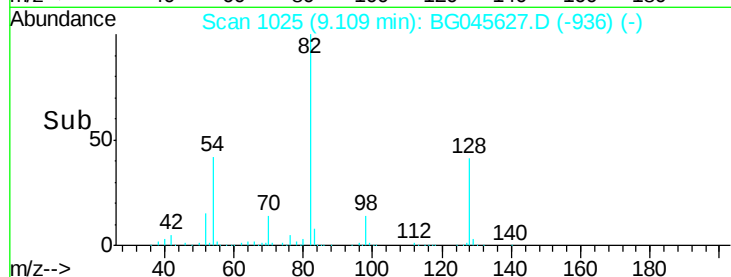
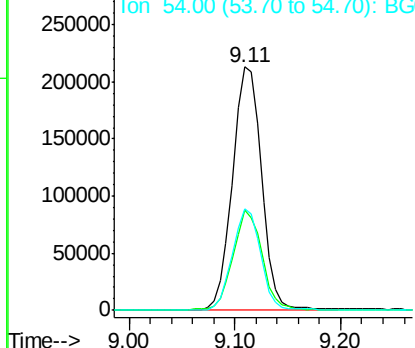
#23
 Nitrobenzene-d5
 Concen: 101.34 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045627.D
 Acq: 5 Jun 2020 22:14

Instrument :
 BNA_G
 ClientSampled :
 MW-16

Tgt Ion: 82 Resp: 404838
 Ion Ratio Lower Upper
 82 100
 128 41.1 30.9 46.3
 54 41.8 30.3 45.5

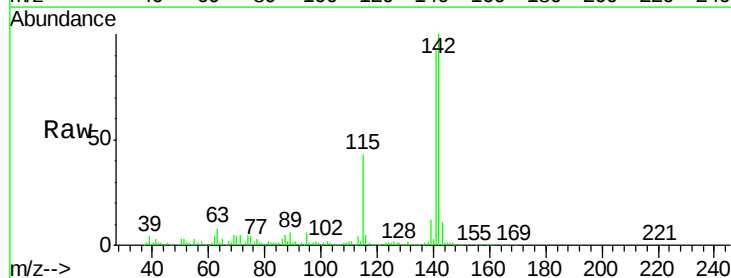


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

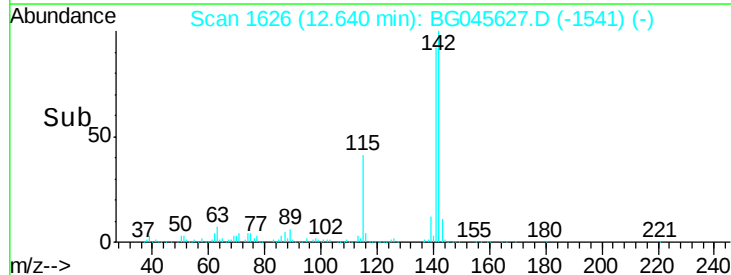
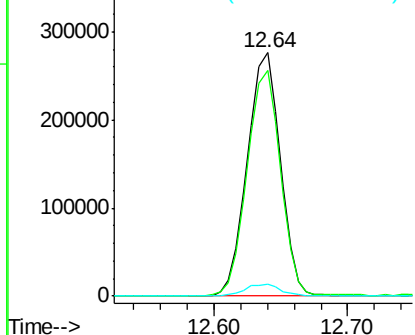


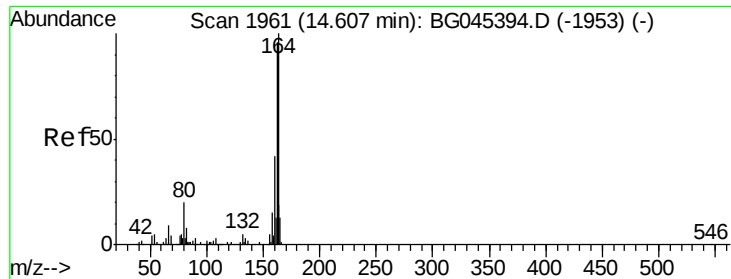
#38
 1-Methylnaphthalene
 Concen: 66.31 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BG045627.D
 Acq: 5 Jun 2020 22:14

Tgt Ion: 142 Resp: 473922
 Ion Ratio Lower Upper
 142 100
 141 92.5 70.8 106.2
 116 4.8 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): BGC
 Ion 141.00 (140.70 to 141.70): BGC
 Ion 116.00 (115.70 to 116.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

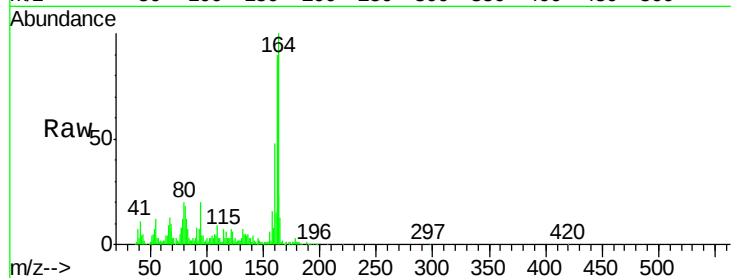
Tgt Ion:164 Resp: 142801

Ion Ratio Lower Upper

164 100

162 90.5 76.9 115.3

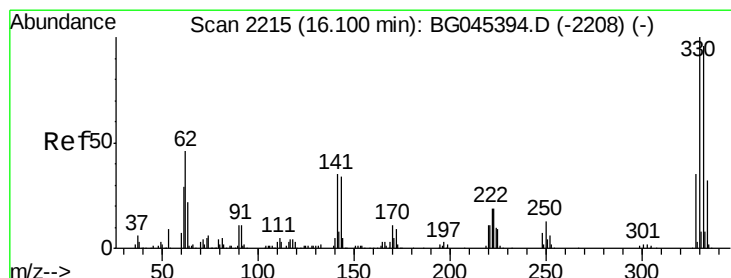
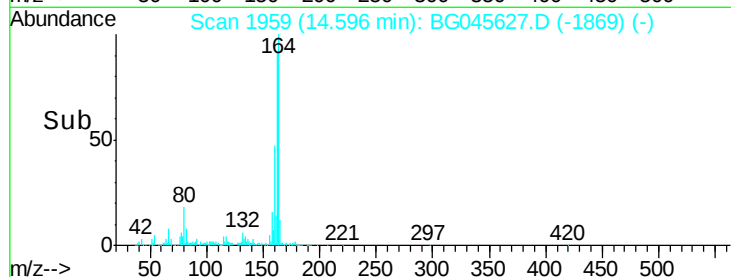
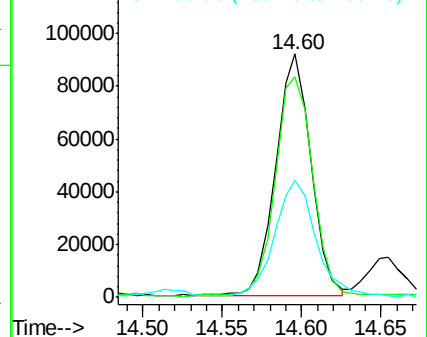
160 47.9 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 145.22 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

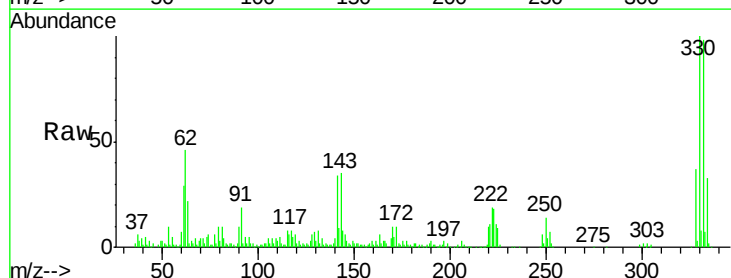
Tgt Ion:330 Resp: 265214

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

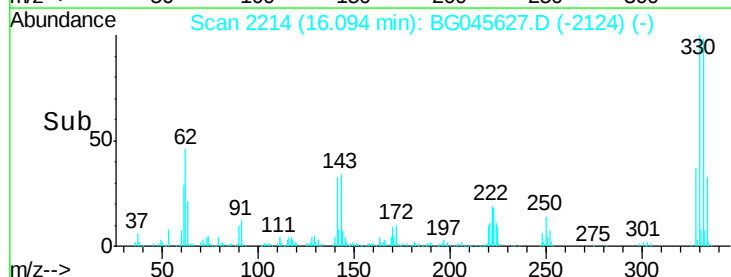
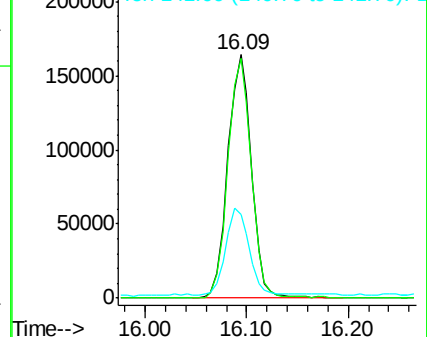
141 35.8 28.2 42.4

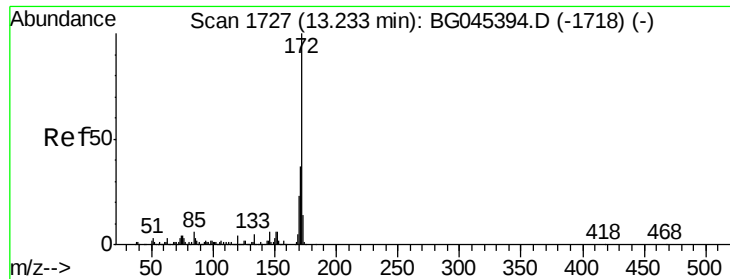


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

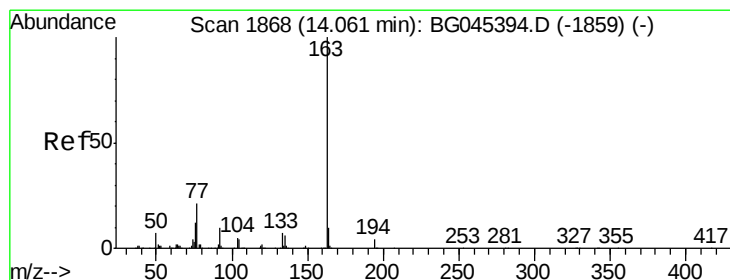
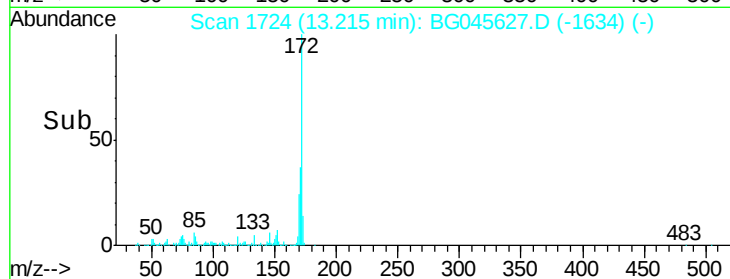
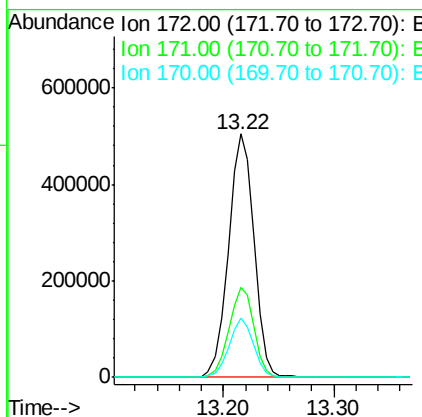
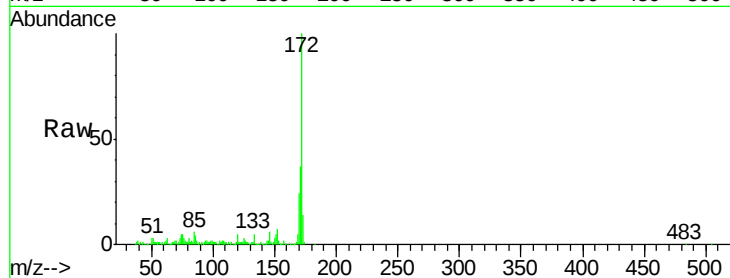




#45
2-Fluorobiphenyl
Concen: 96.84 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

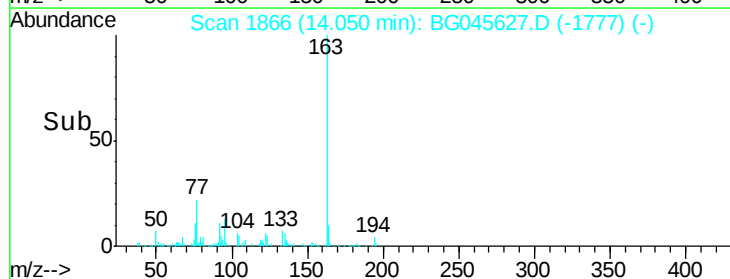
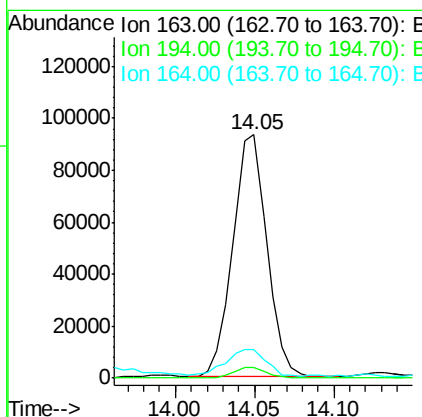
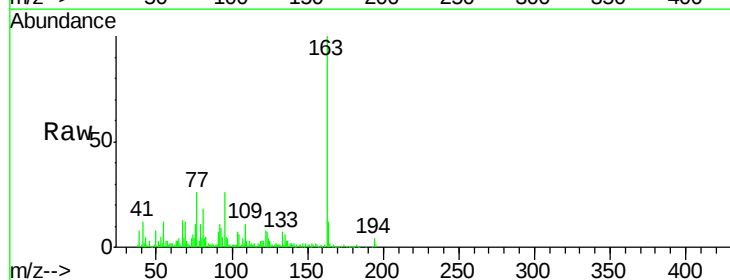
Instrument :
BNA_G
ClientSampleId :
MW-16

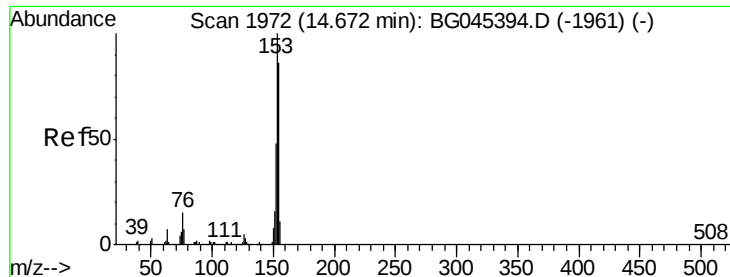
Tgt Ion:172 Resp: 815305
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.2 18.5 27.7



#50
Dimethylphthalate
Concen: 14.14 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:163 Resp: 138473
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 11.9 8.3 12.5





#52

Acenaphthene

Concen: 4.63 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

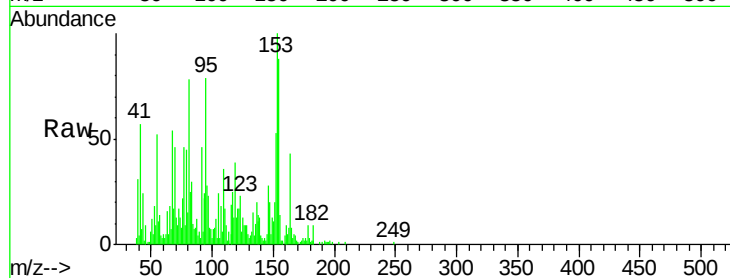
Tgt Ion:154 Resp: 35464

Ion Ratio Lower Upper

154 100

153 113.3 92.8 139.2

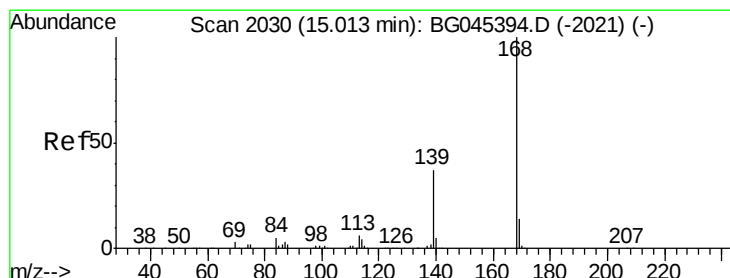
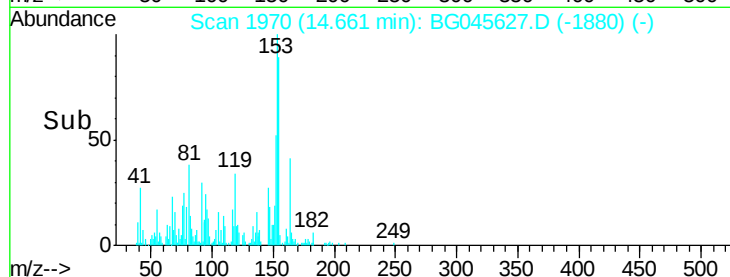
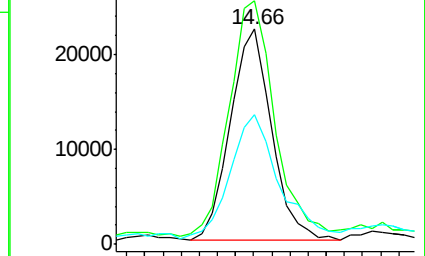
152 60.5 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 2.90 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

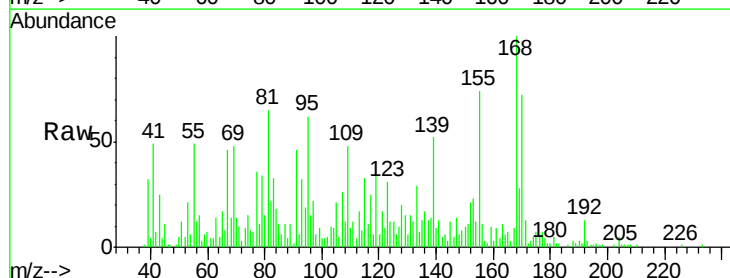
Tgt Ion:168 Resp: 32944

Ion Ratio Lower Upper

168 100

139 52.0 29.9 44.9#

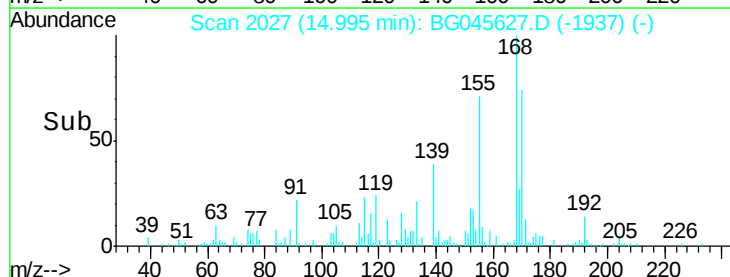
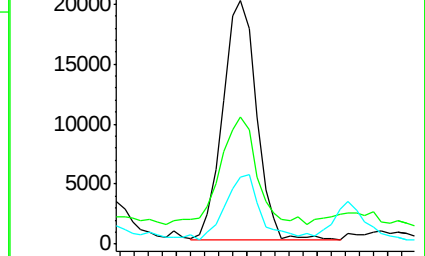
169 27.7 10.9 16.3#

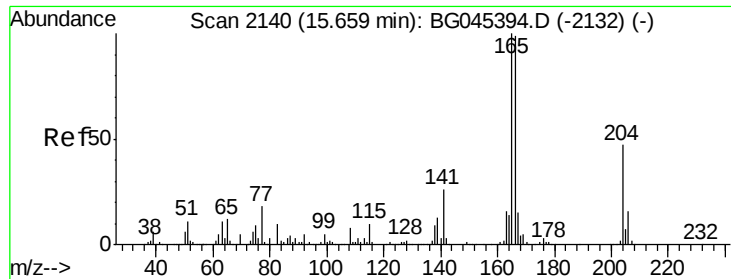


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 5.92 ng

RT: 15.64 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

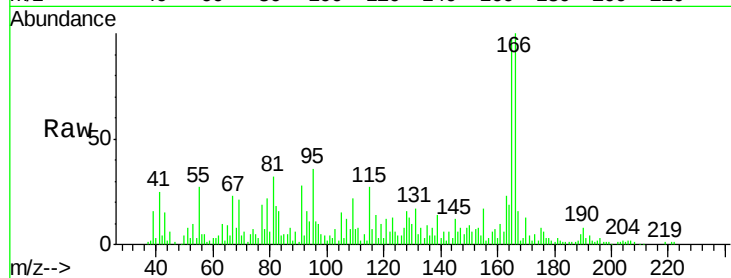
Tgt Ion:166 Resp: 55322

Ion Ratio Lower Upper

166 100

165 96.8 80.8 121.2

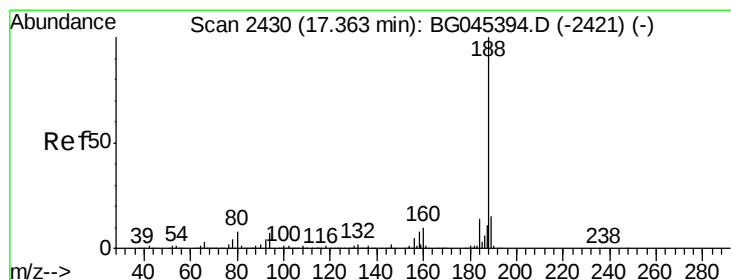
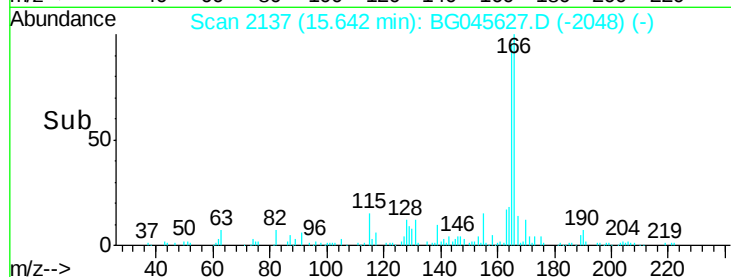
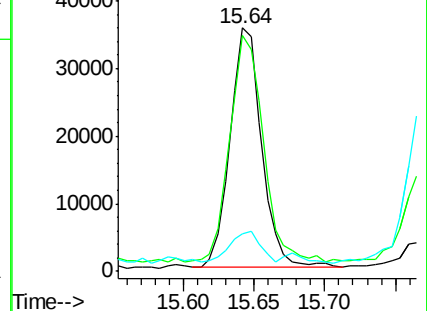
167 15.5 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

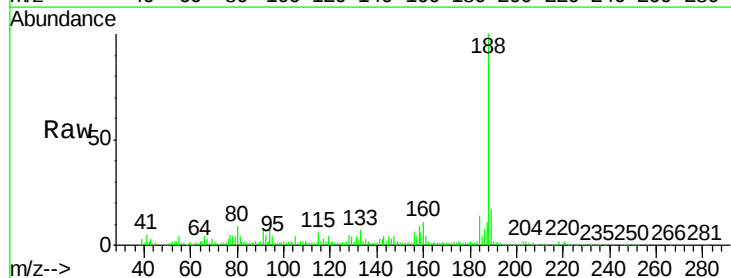
Tgt Ion:188 Resp: 306273

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

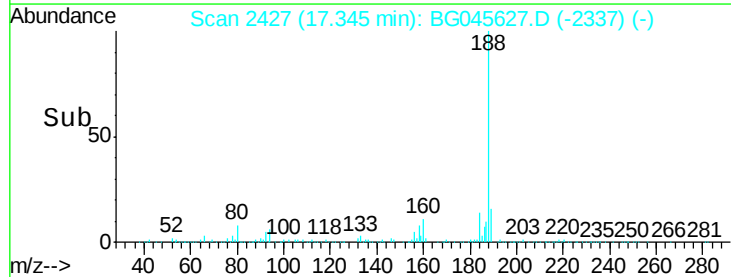
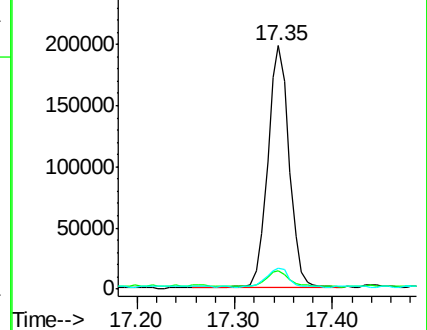
80 8.8 6.6 10.0

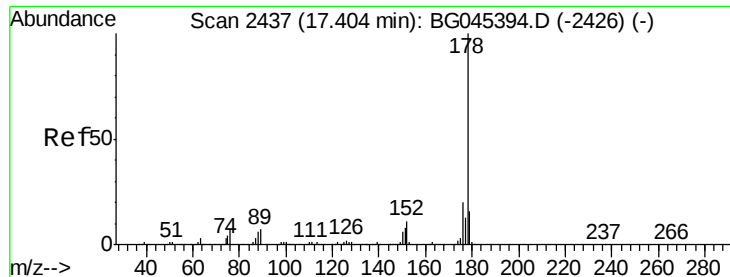


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 2.98 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

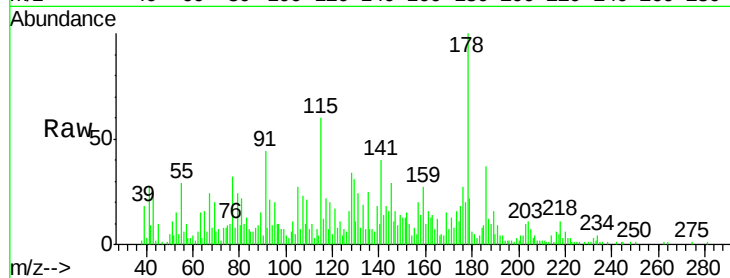
Tgt Ion:178 Resp: 39834

Ion Ratio Lower Upper

178 100

176 26.8 16.2 24.4#

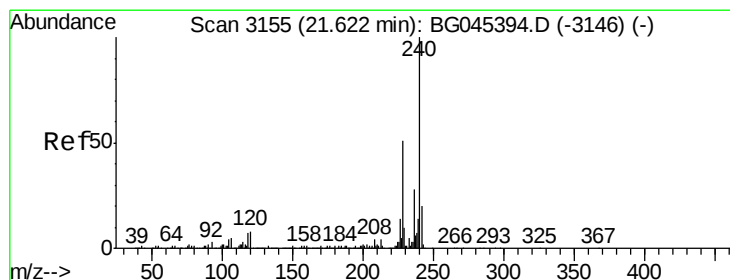
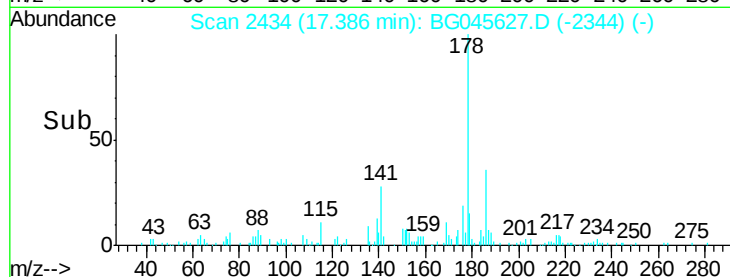
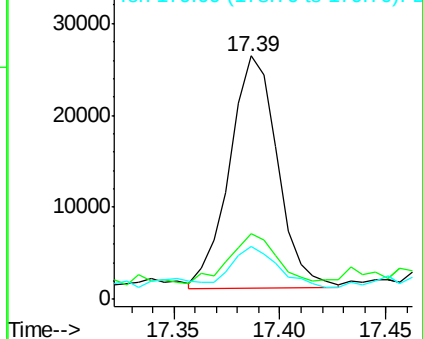
179 21.7 13.1 19.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

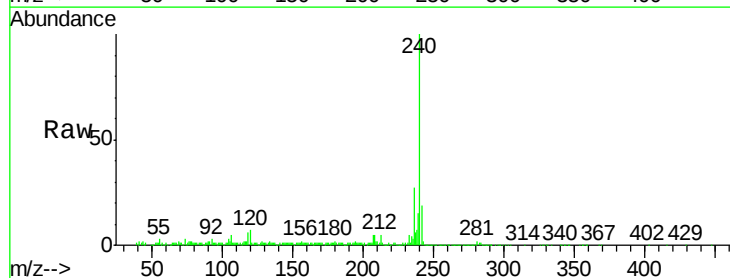
Tgt Ion:240 Resp: 324518

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

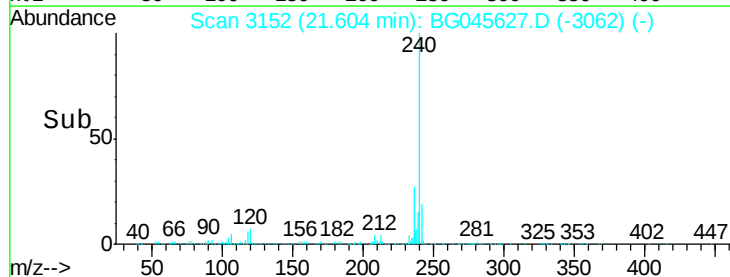
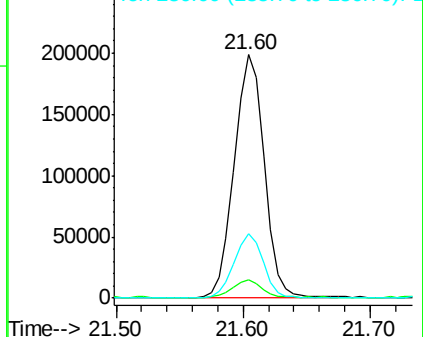
236 26.7 22.3 33.5

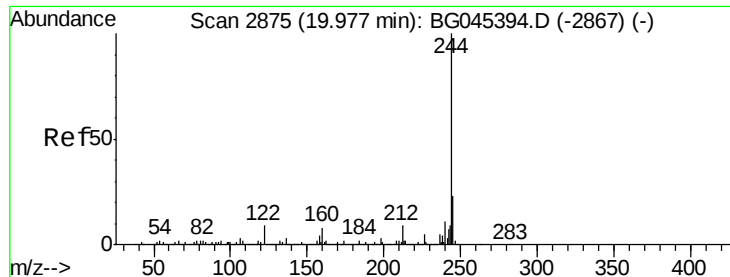


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.05 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

Instrument :

BNA_G

ClientSampleId :

MW-16

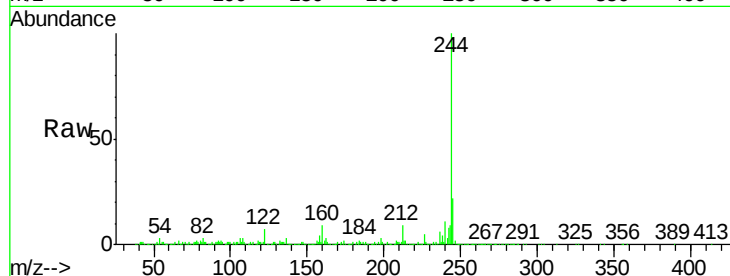
Tgt Ion:244 Resp: 1406011

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

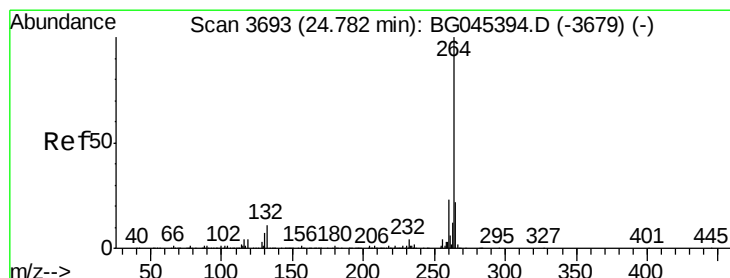
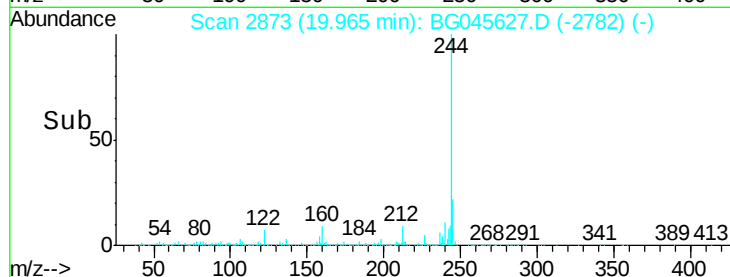
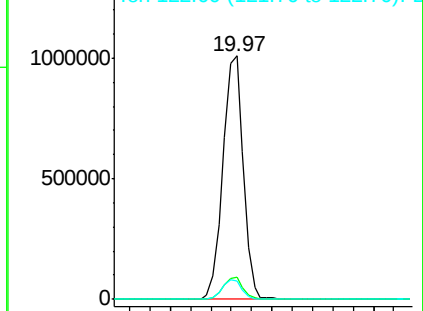
122 7.5 6.8 10.2



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# 3688

Delta R.T. 0.00 min

Lab File: BG045627.D

Acq: 5 Jun 2020 22:14

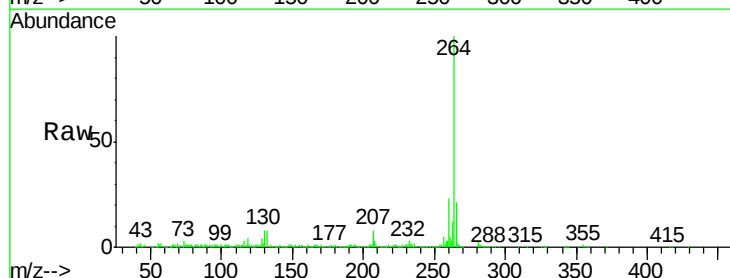
Tgt Ion:264 Resp: 364960

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.4 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

