

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045623.D
 Acq On : 5 Jun 2020 19:31
 Operator : CG/JU
 Sample : L2886-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GEN

Quant Time: Jun 06 01:58:46 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

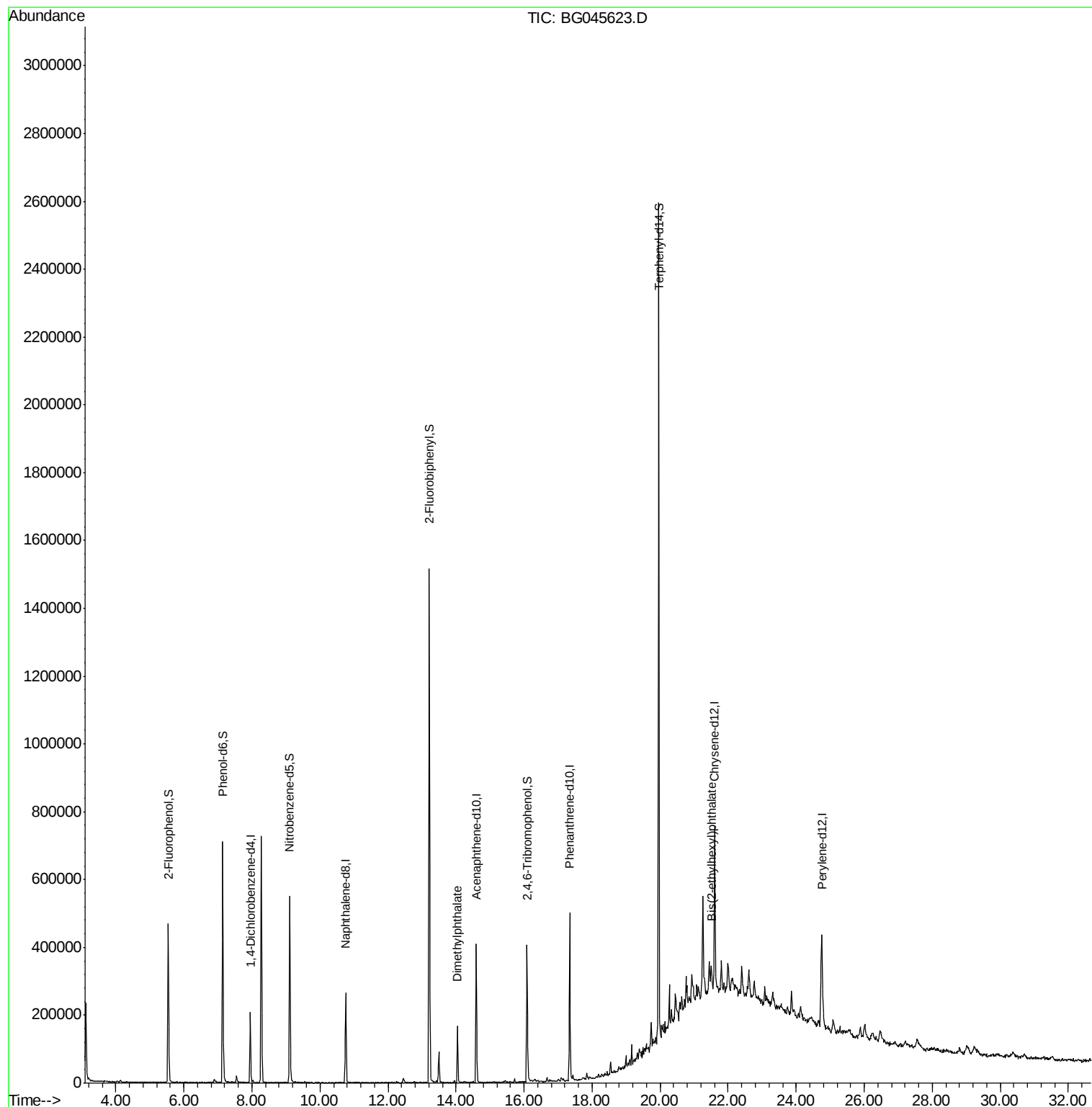
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60861	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	234148	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	157746	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	347946	20.00	ng	0.00
76) Chrysene-d12	21.60	240	311855	20.00	ng	0.00
87) Perylene-d12	24.75	264	324001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	237844	76.37	ng	0.00
7) Phenol-d6	7.14	99	465389	105.00	ng	0.00
23) Nitrobenzene-d5	9.11	82	372478	86.75	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	88624	43.93	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	841473	90.48	ng	0.00
79) Terphenyl-d14	19.96	244	1206832	90.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	118442	10.95	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	23838	2.26	ng	98

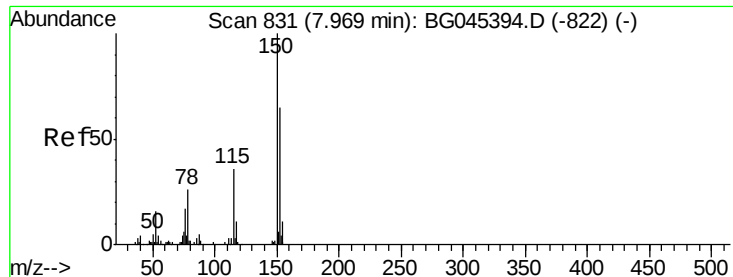
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

BNA_G

ClientSampleId :

GEN

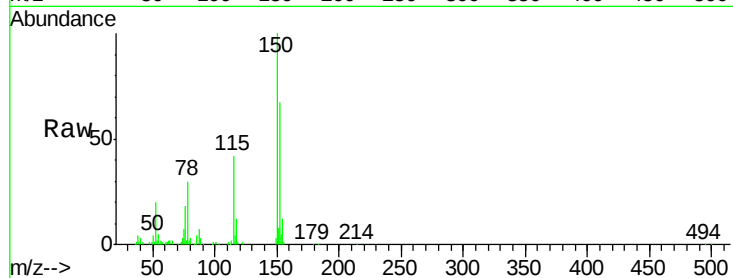
Tgt Ion:152 Resp: 60861

Ion Ratio Lower Upper

152 100

150 149.2 122.4 183.6

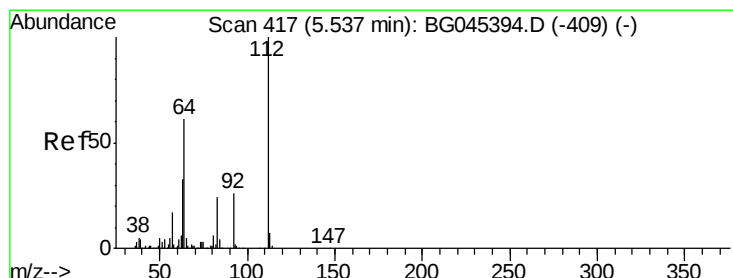
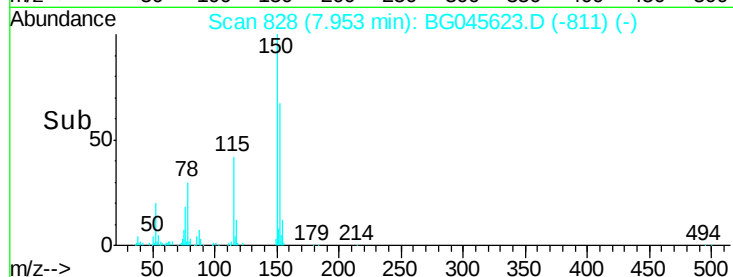
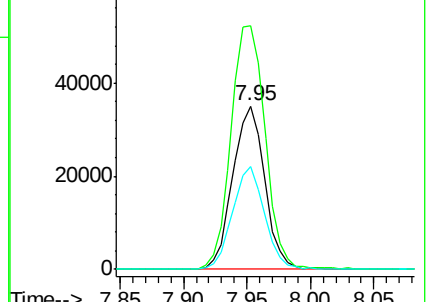
115 62.8 44.2 66.4



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: 76.37 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

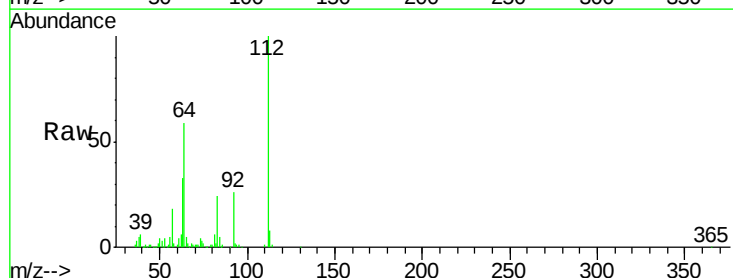
Tgt Ion:112 Resp: 237844

Ion Ratio Lower Upper

112 100

64 59.0 48.6 72.8

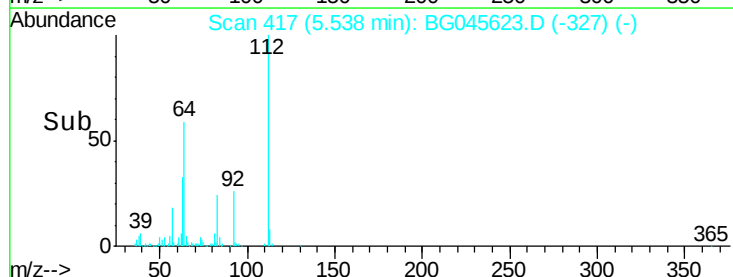
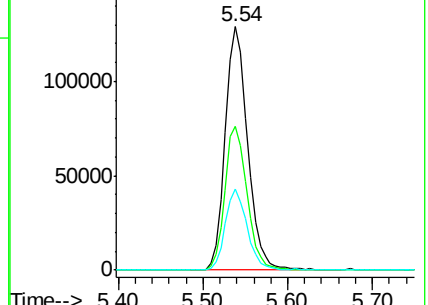
63 33.0 26.5 39.7



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: 105.00 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

BNA_G

ClientSampleId :

GEN

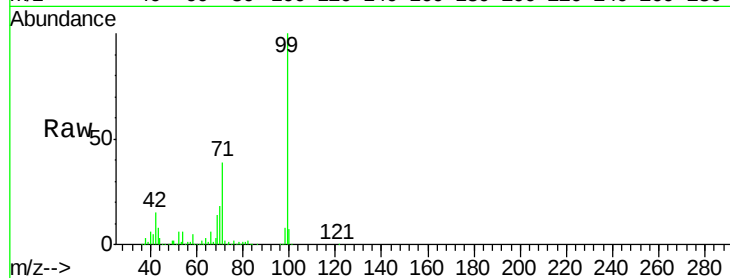
Tgt Ion: 99 Resp: 465389

Ion Ratio Lower Upper

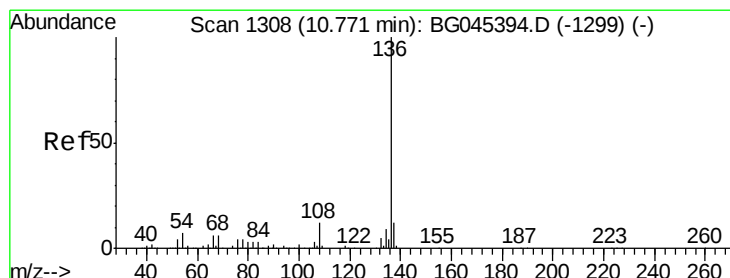
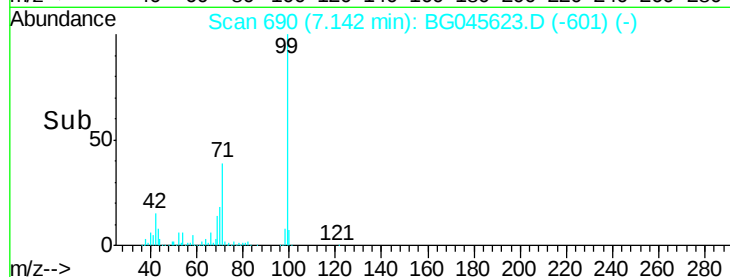
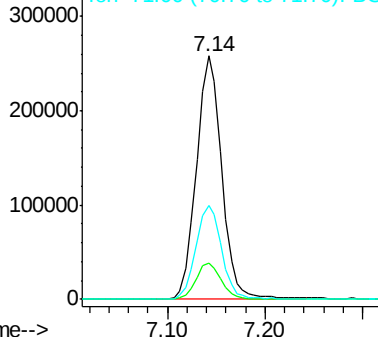
99 100

42 14.7 11.3 16.9

71 38.6 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: BG045623.D

Acq: 5 Jun 2020 19:31

Tgt Ion: 136 Resp: 234148

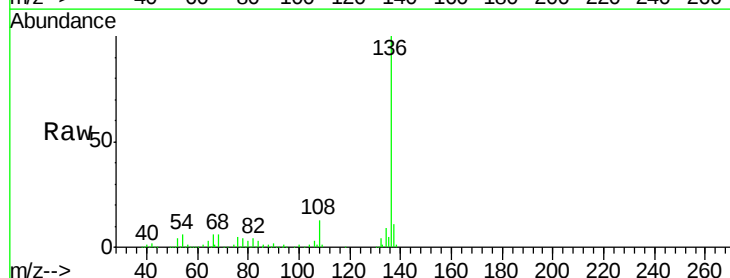
Ion Ratio Lower Upper

136 100

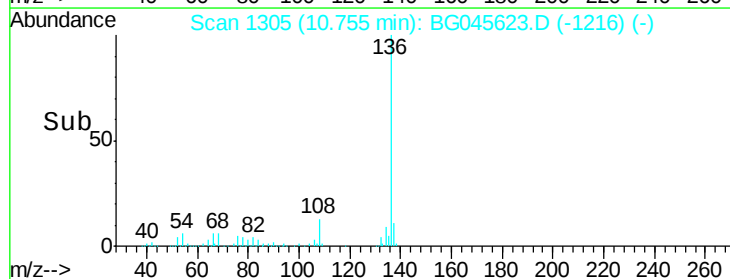
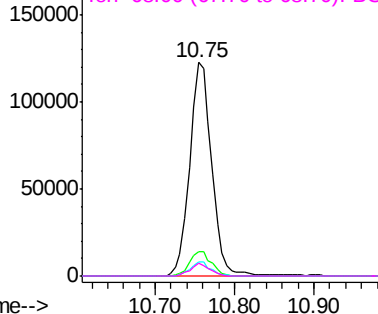
137 11.5 9.4 14.2

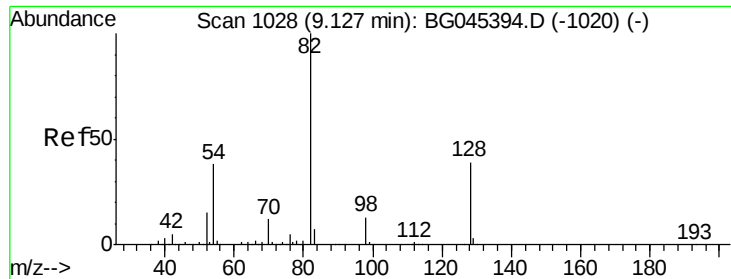
54 6.5 5.8 8.6

68 5.7 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

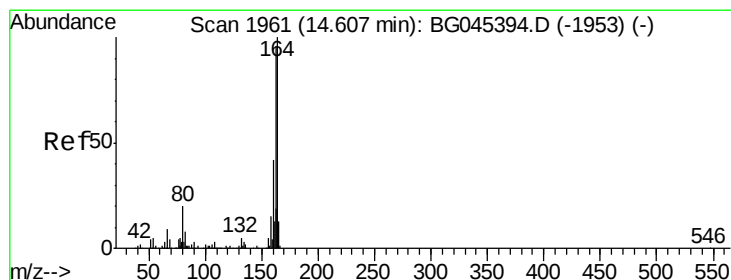
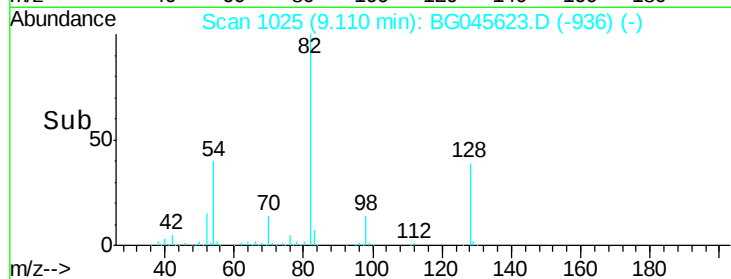
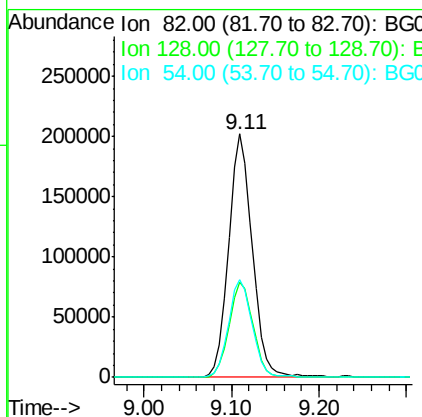
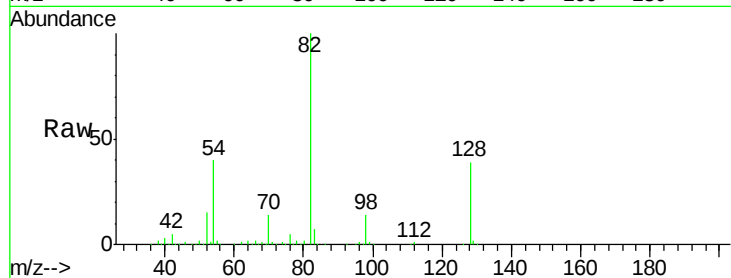




#23
 Nitrobenzene-d5
 Concen: 86.75 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

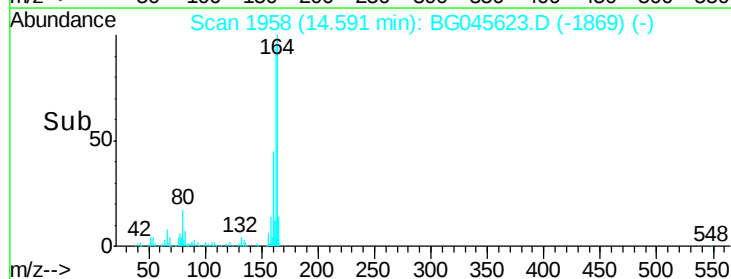
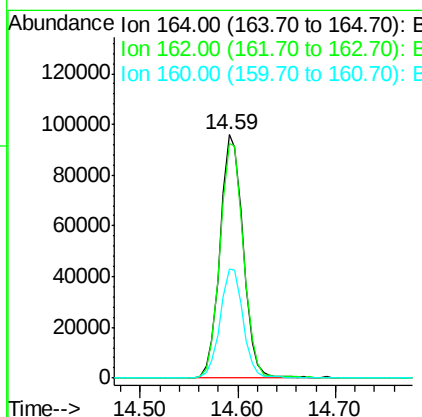
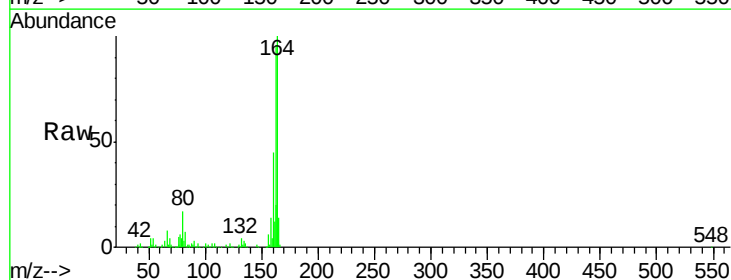
Instrument :
 BNA_G
 ClientSampleId :
 GEN

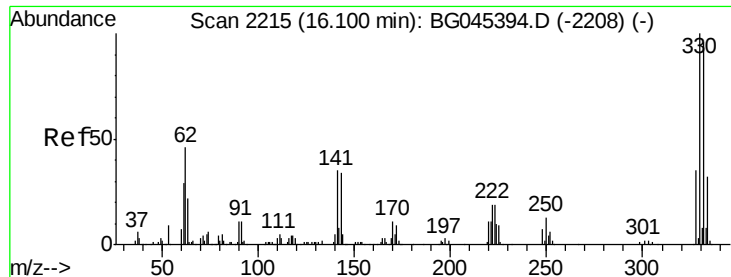
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	40.3	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	76.9	115.3
160	44.9	33.8	50.8

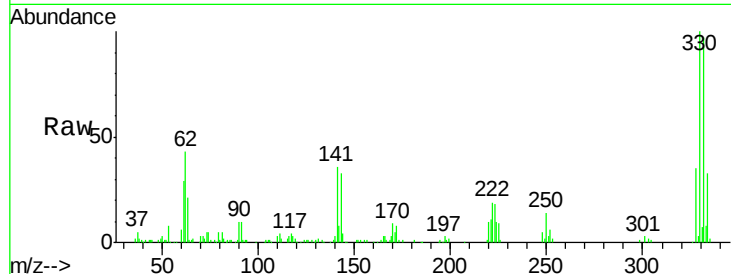




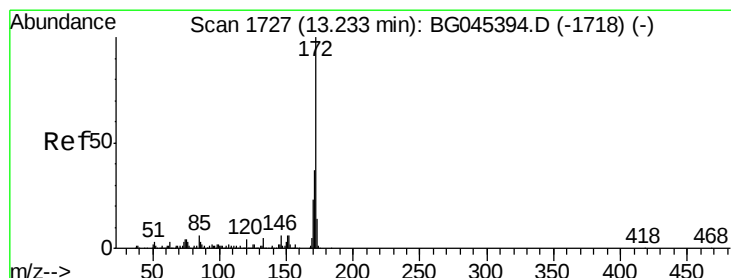
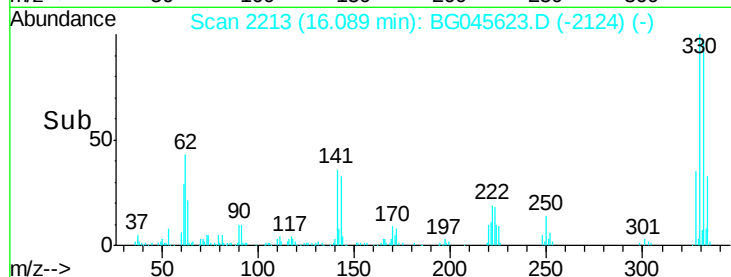
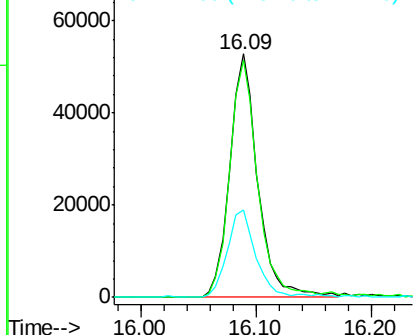
#42
 2,4,6-Tribromophenol
 Concen: 43.93 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

Instrument :
 BNA_G
 ClientSampleId :
 GEN

Tgt Ion:330 Resp: 88624
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.4
 141 37.0 28.2 42.4

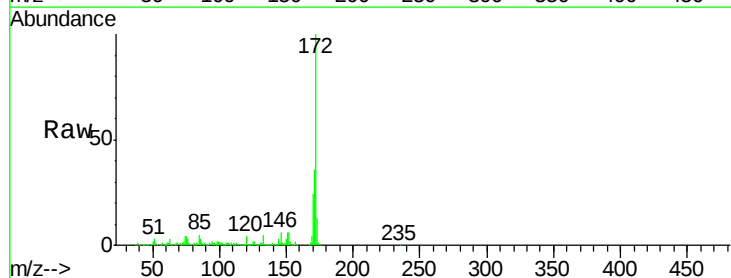


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

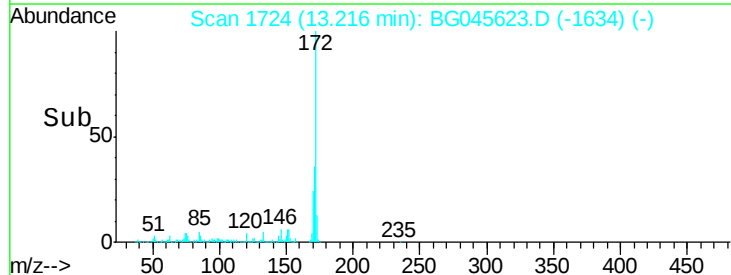
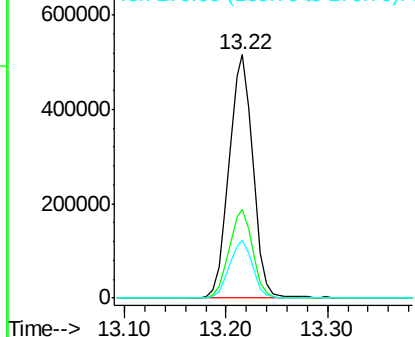


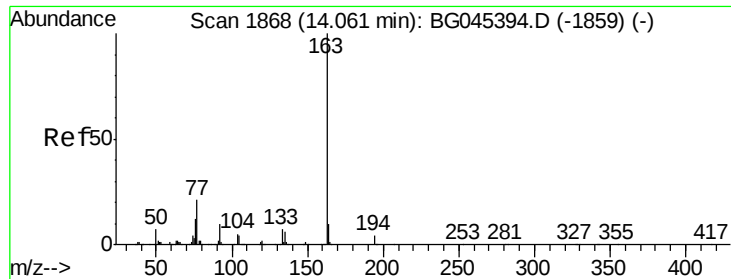
#45
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

Tgt Ion:172 Resp: 841473
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 23.7 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





#50

Dimethylphthalate

Concen: 10.95 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

BNA_G

ClientSampleId :

GEN

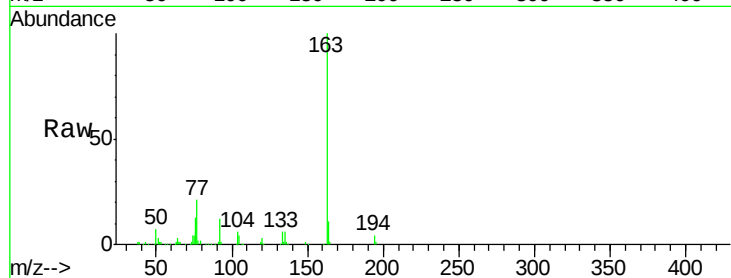
Tgt Ion:163 Resp: 118442

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

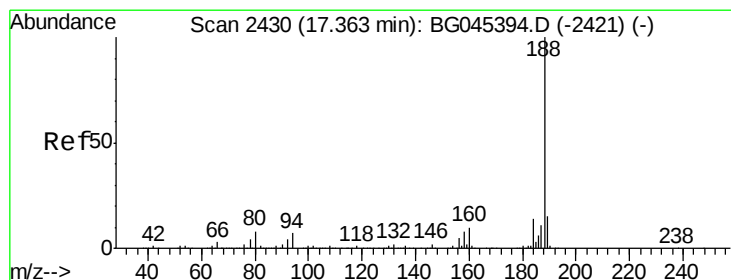
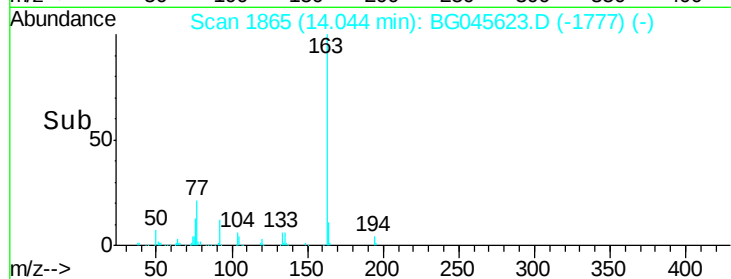
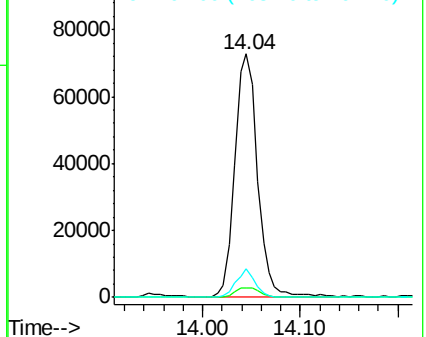
164 11.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

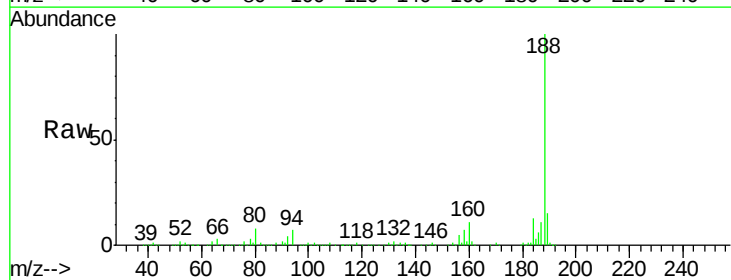
Tgt Ion:188 Resp: 347946

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

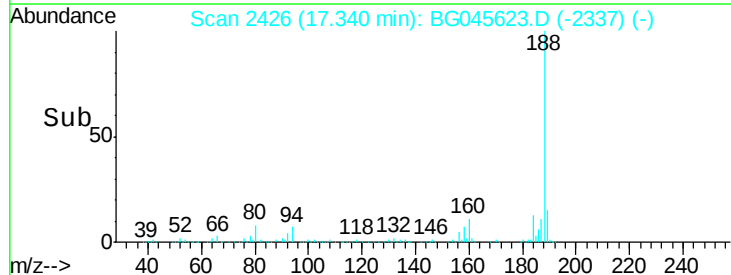
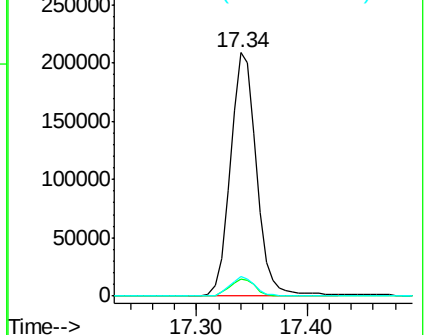
80 8.0 6.6 10.0

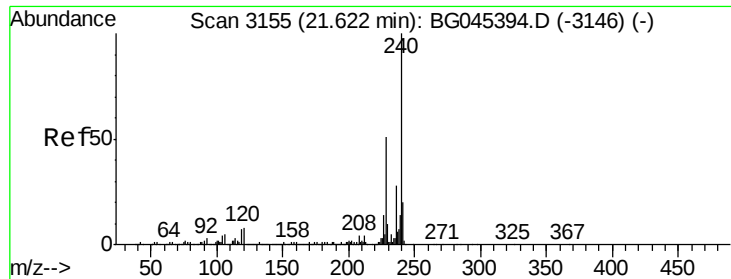


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3152

Delta R.T. 0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

BNA_G

ClientSampleId :

GEN

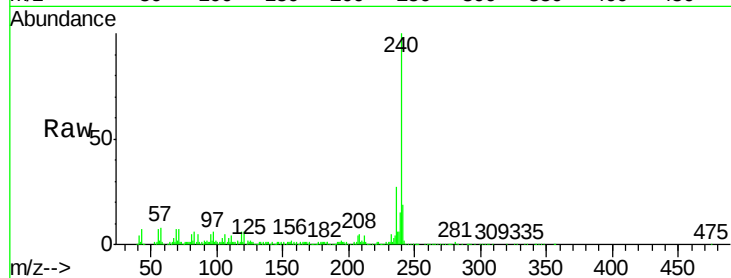
Tgt Ion:240 Resp: 311855

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

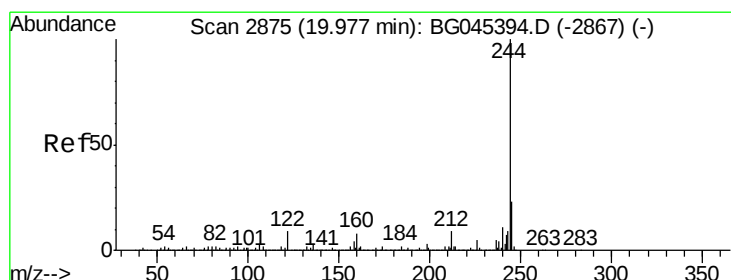
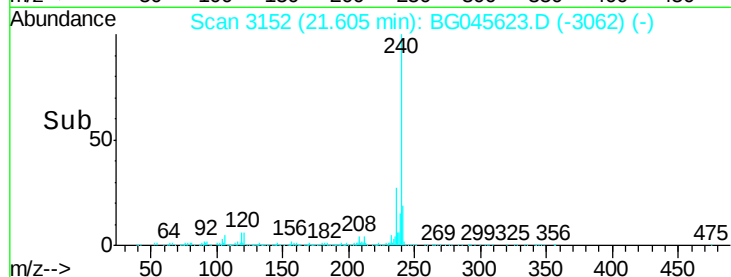
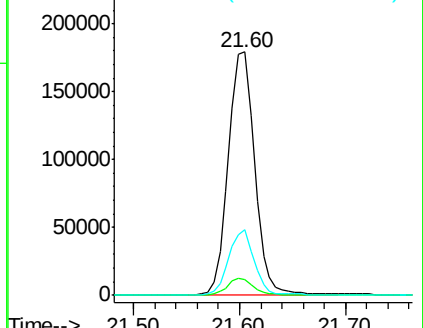
236 27.0 22.3 33.5



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: 90.26 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

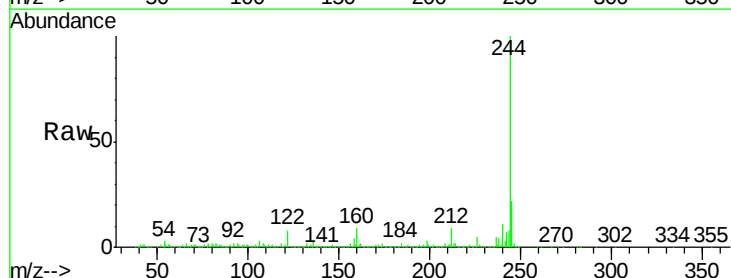
Tgt Ion:244 Resp: 1206832

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

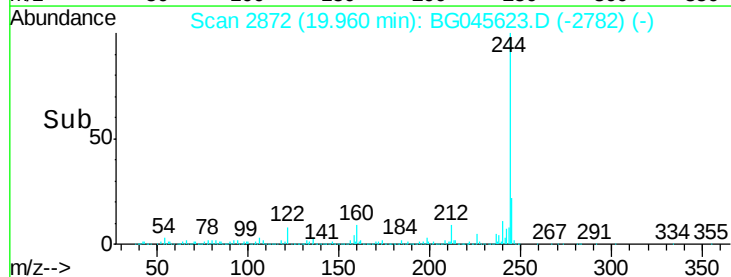
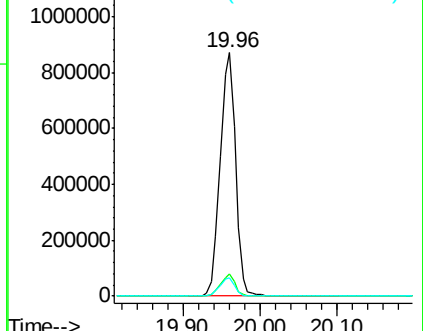
122 7.8 6.8 10.2

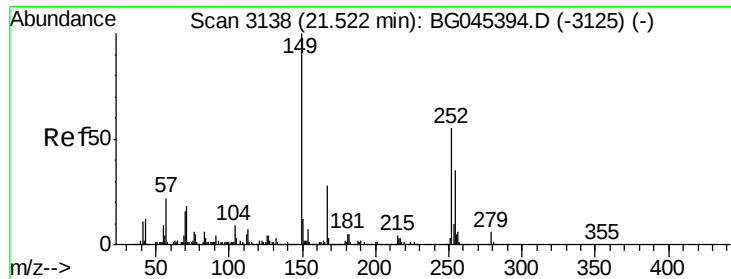


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

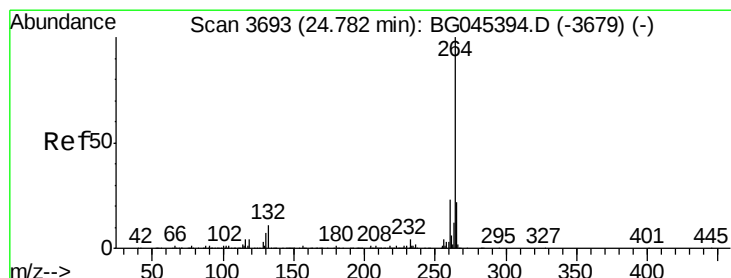
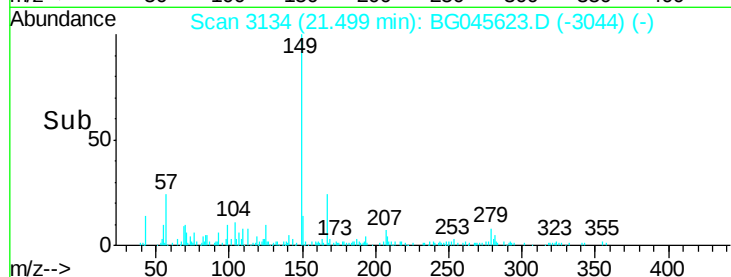
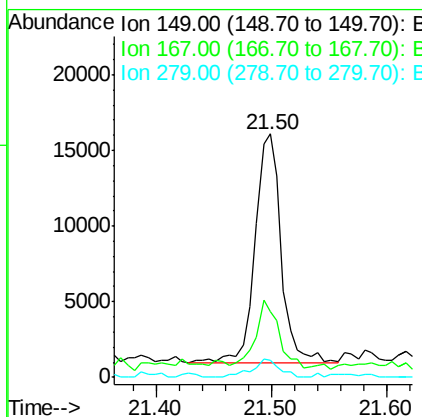
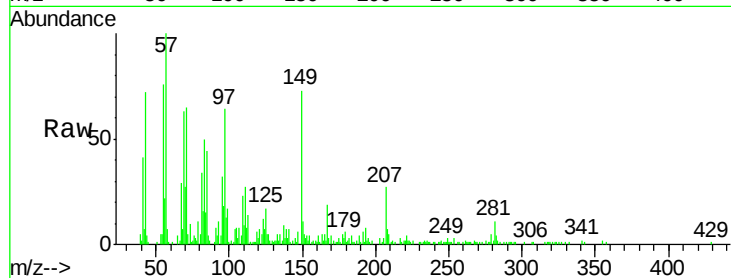




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.26 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

Instrument :
 BNA_G
 ClientSampleId :
 GEN

Tgt Ion:149 Resp: 23838
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.2 33.2
 279 7.0 4.7 7.1



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

Tgt Ion:264 Resp: 324001
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.4
 265 20.6 17.6 26.4

