

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 01:17:57 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

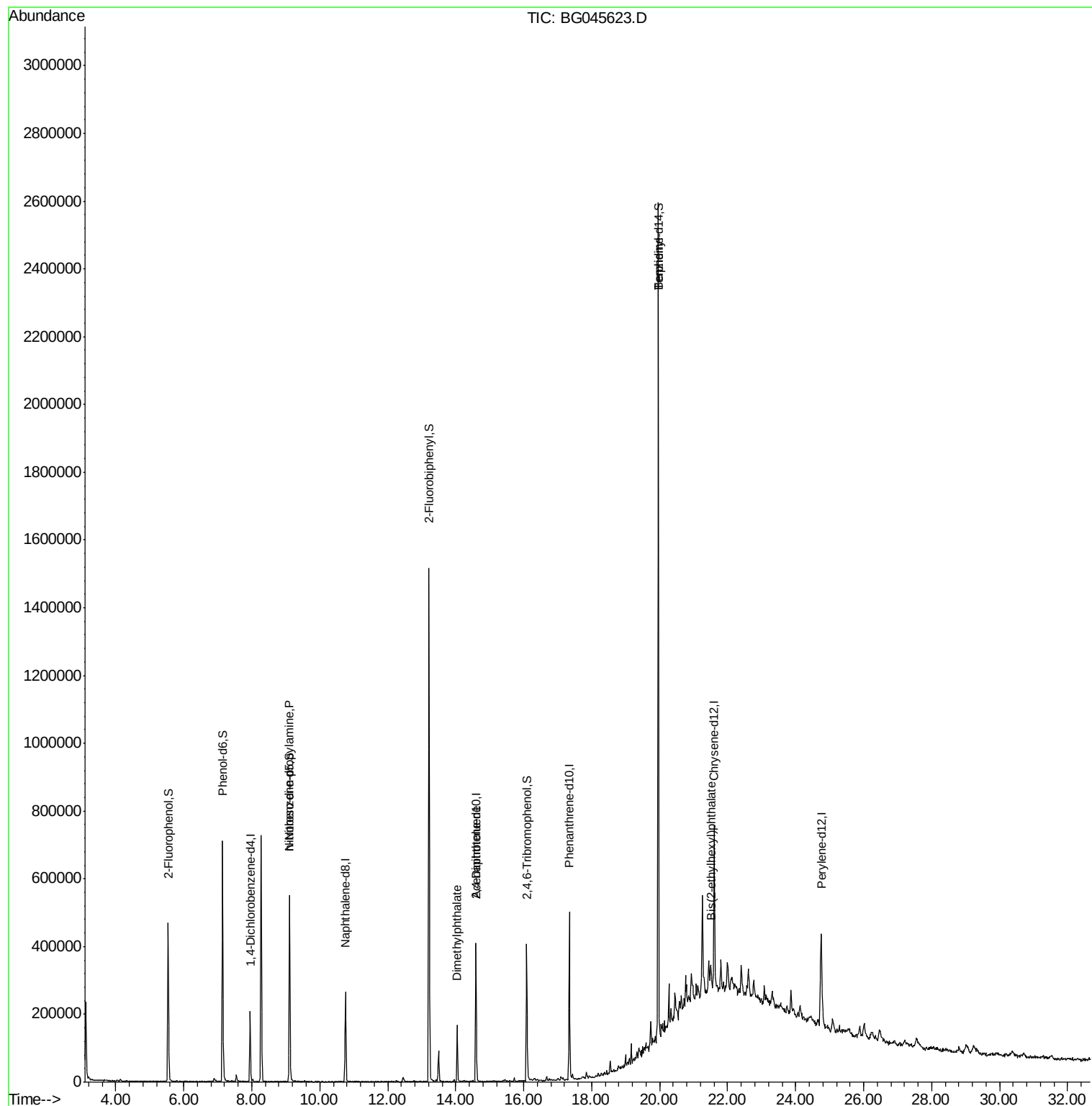
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60861	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	234148	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	157746	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	347946	20.00	ng	0.00
76) Chrysene-d12	21.60	240	311855	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						
19) n-Nitroso-di-n-propylamine	9.11	70	51975	16.957	ng	Qvalue # 81
50) Dimethylphthalate	14.04	163	118442	10.945	ng	98
57) 2,4-Dinitrotoluene	14.59	165	20688	5.850	ng	# 24
77) Benzidine	19.95	184	23199	2.649	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.50	149	23838	2.260	ng	98

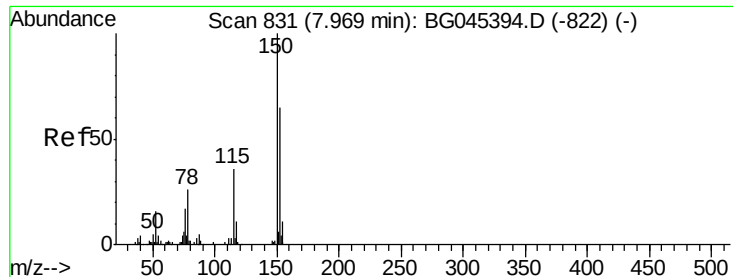
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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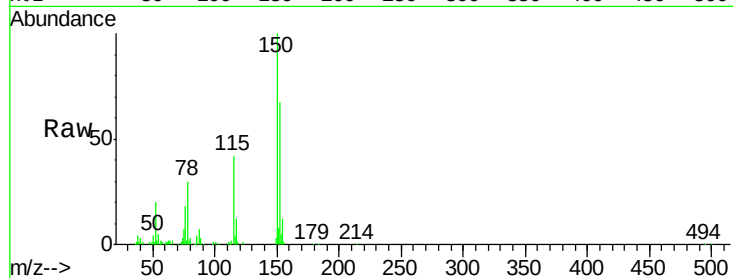


#1

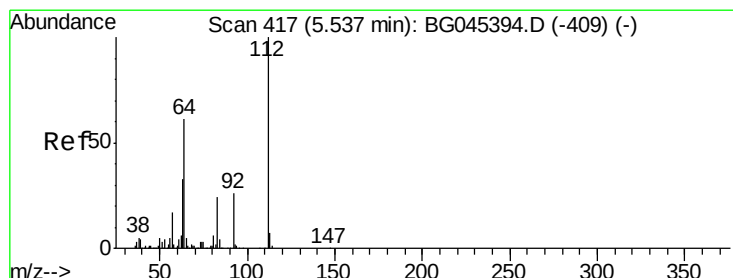
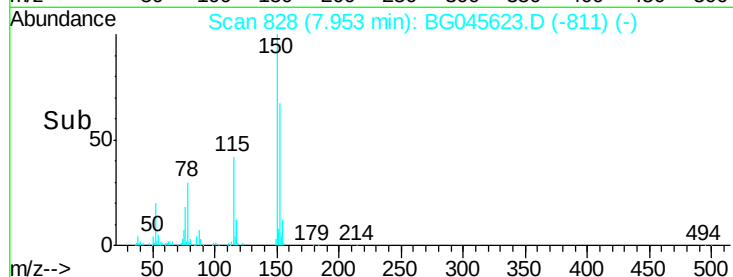
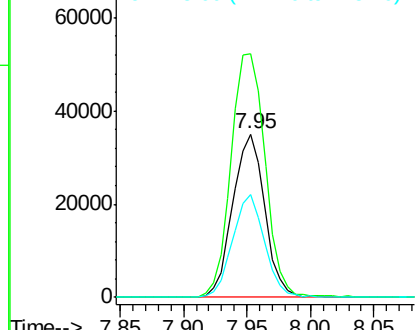
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045623.D
Acq: 5 Jun 2020 19:31

Instrument :
BNA_G
ClientSampleId :
GEN

Tot Ion:152 Resp: 60861
Ion Ratio Lower Upper
152 100
150 149.2 122.4 183.6
115 62.8 44.2 66.4



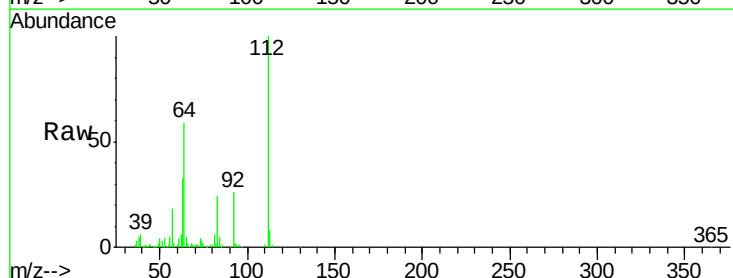
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



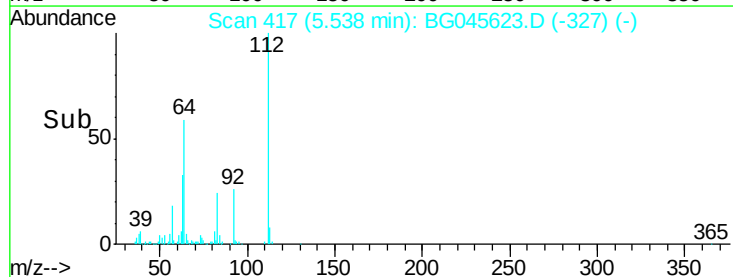
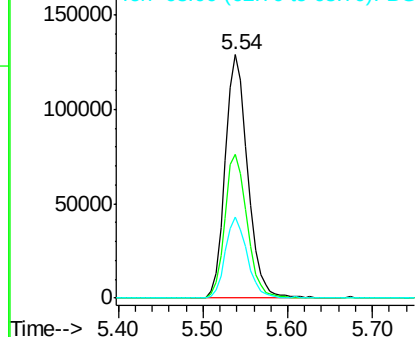
#5

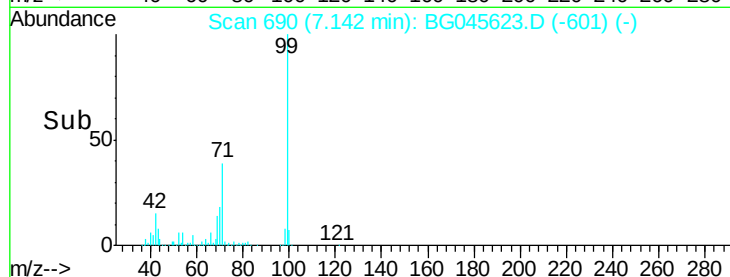
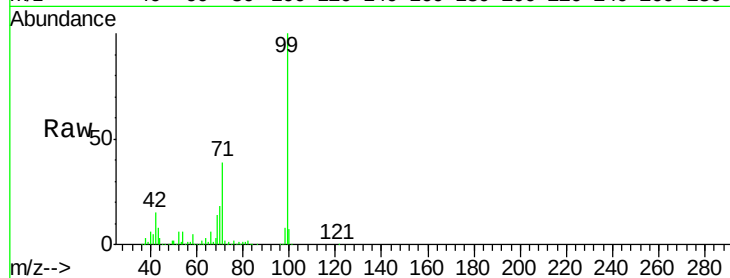
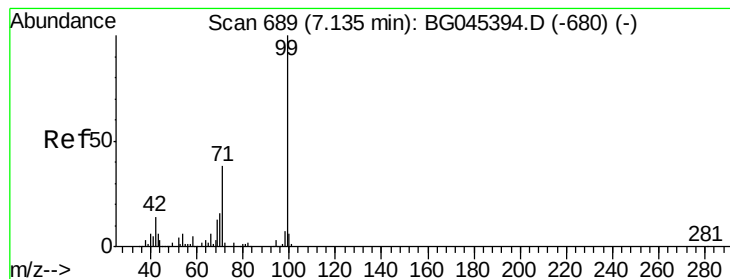
2-Fluorophenol
Concen: 76.374 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045623.D
Acq: 5 Jun 2020 19:31

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: 104.996 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

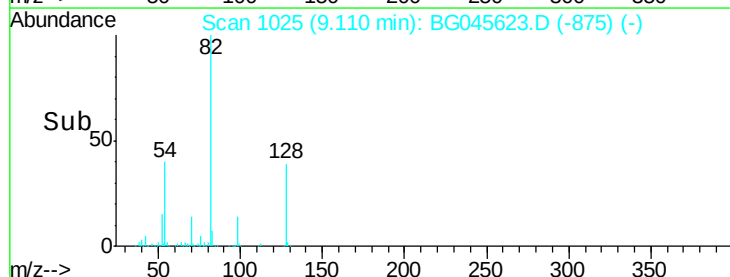
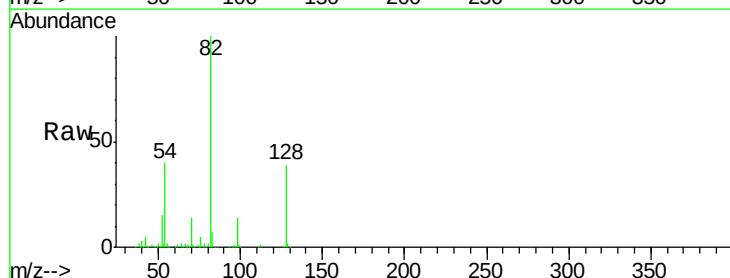
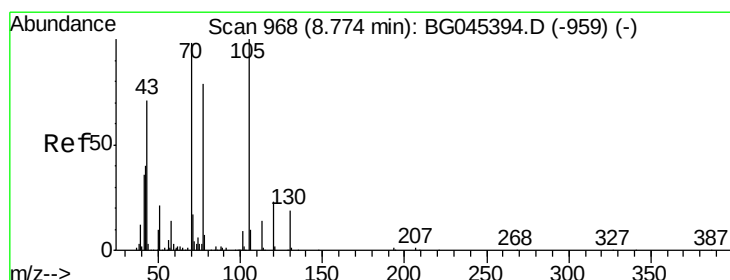
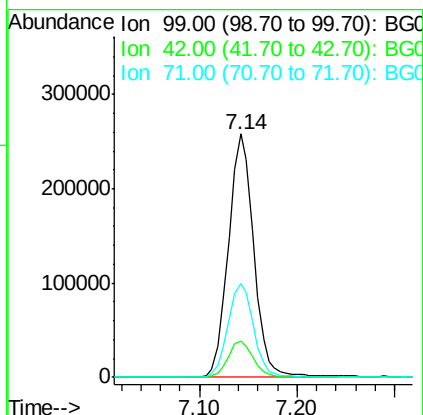
Tot Ion: 99 Resp: 465389

Ion Ratio Lower Upper

99 100

42 14.7 11.3 16.9

71 38.6 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.957 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Tgt Ion: 70 Resp: 51975

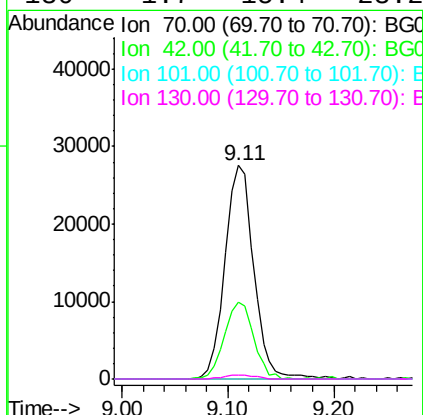
Ion Ratio Lower Upper

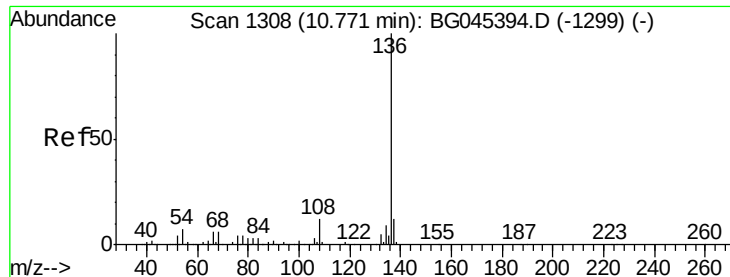
70 100

42 36.2 33.2 49.8

101 0.0 7.8 11.6#

130 1.7 15.4 23.2#

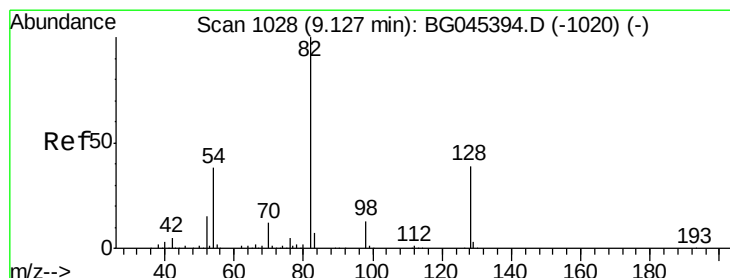
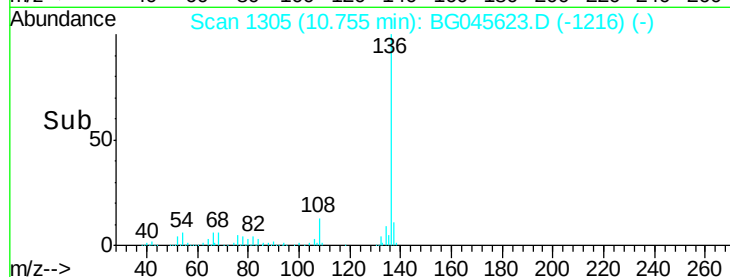
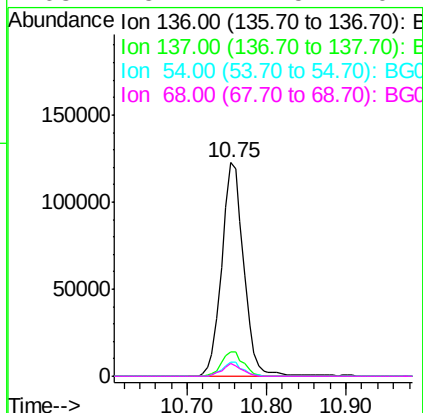
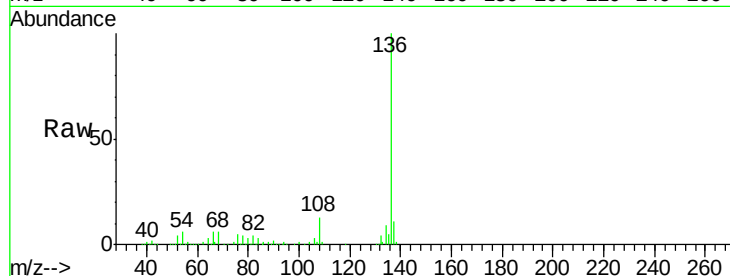




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045623.D
Acq: 5 Jun 2020 19:31

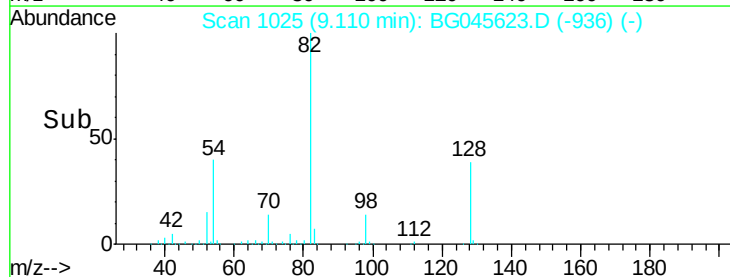
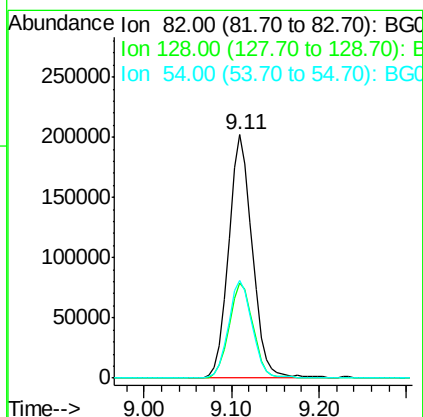
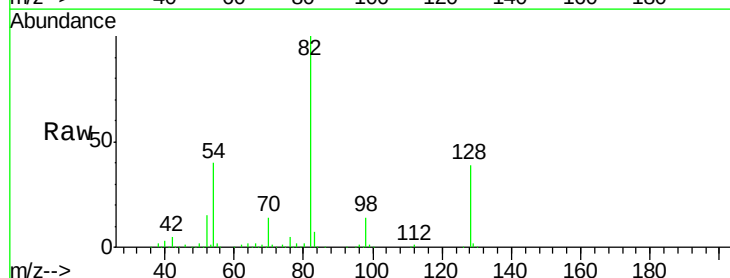
Instrument :
BNA_G
ClientSampleId :
GEN

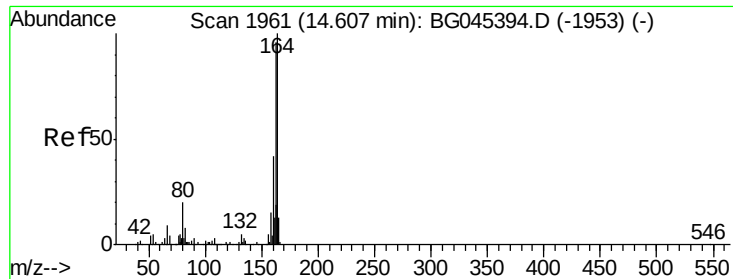
Tot Ion:136	Resp:	234148	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.4	14.2	
54 6.5	5.8	8.6	
68 5.7	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 86.748 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045623.D
Acq: 5 Jun 2020 19:31

Tgt	Ion: 82	Resp:	372478
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	40.3	30.3	45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

BNA_G

ClientSampleId :

GEN

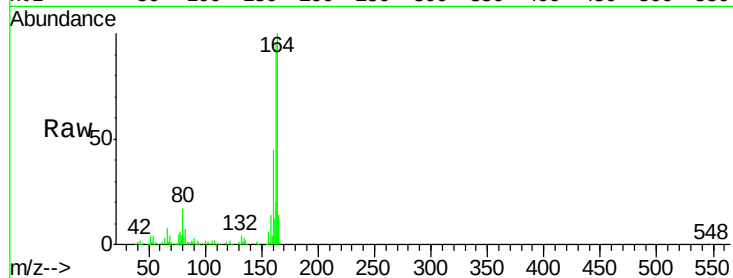
Tot Ion:164 Resp: 157746

Ion Ratio Lower Upper

164 100

162 96.3 76.9 115.3

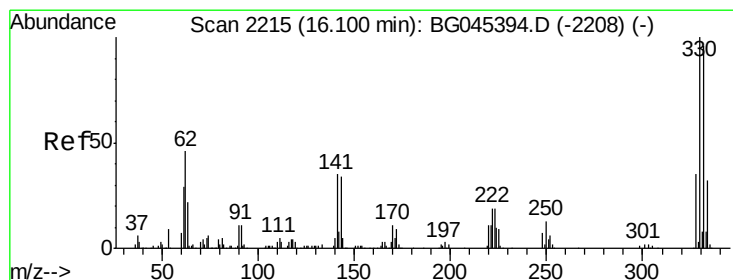
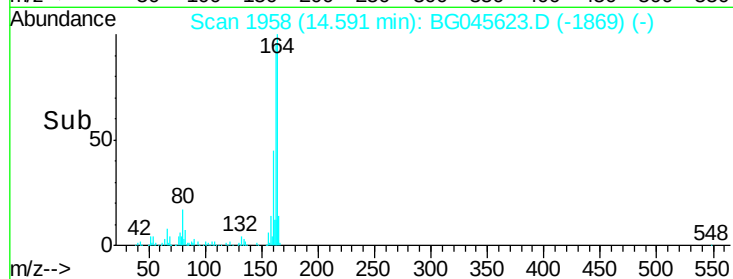
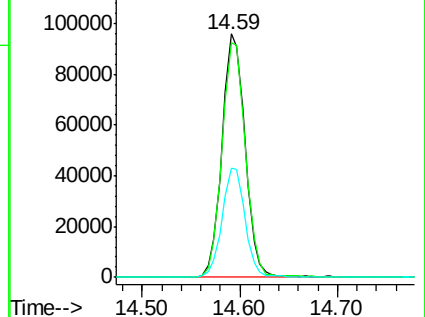
160 44.9 33.8 50.8



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: 43.930 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

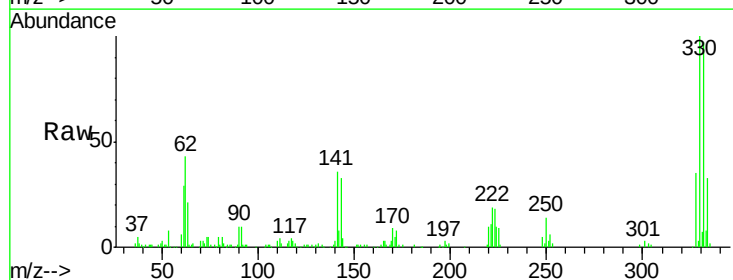
Tgt Ion:330 Resp: 88624

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

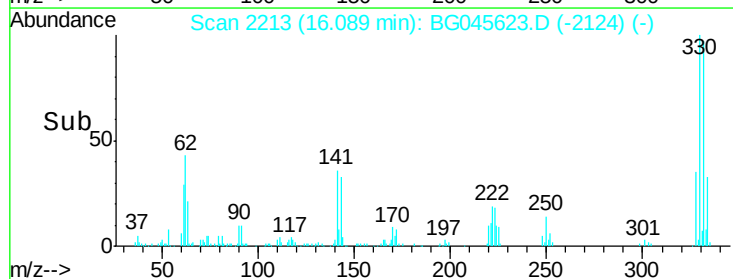
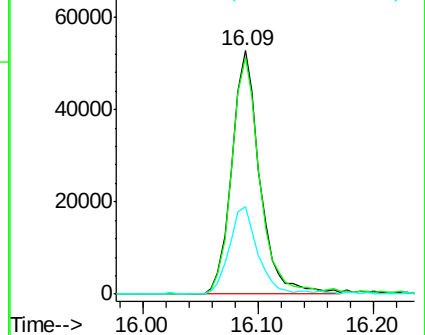
141 37.0 28.2 42.4

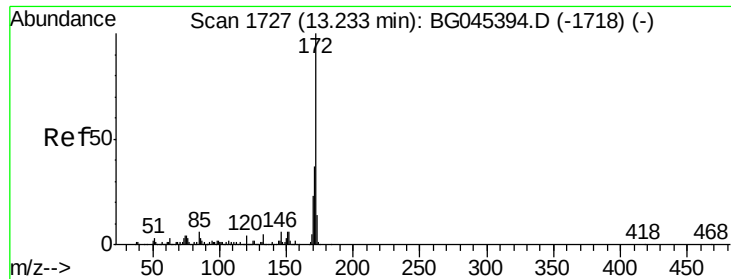


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 90.482 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

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GEN

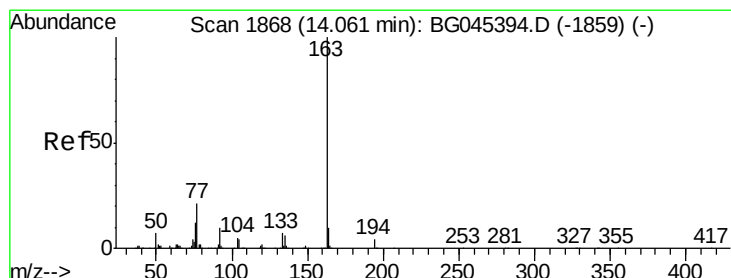
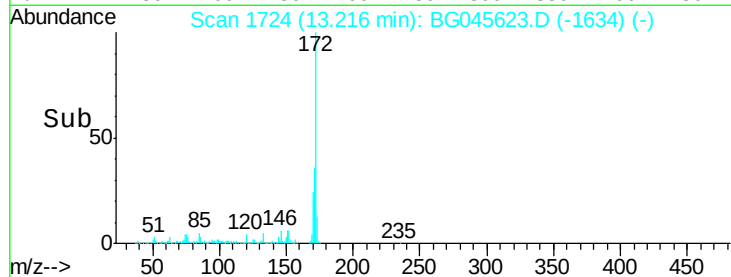
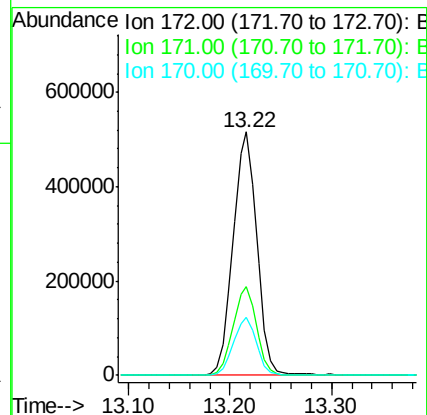
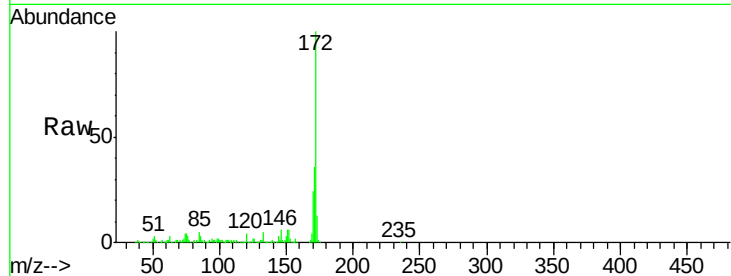
Tot Ion:172 Resp: 841473

Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

170 23.7 18.5 27.7



#50

Dimethylphthalate

Concen: 10.945 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

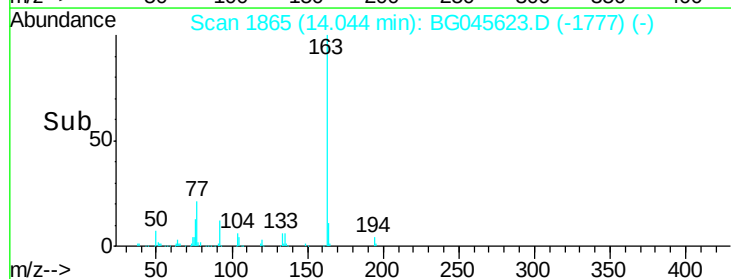
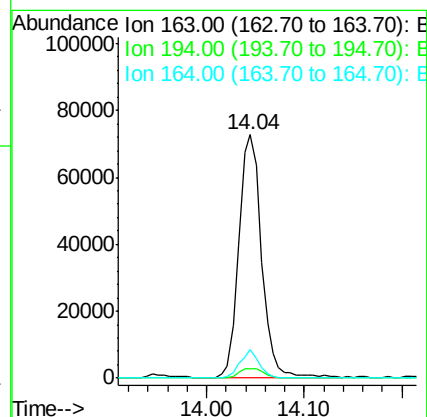
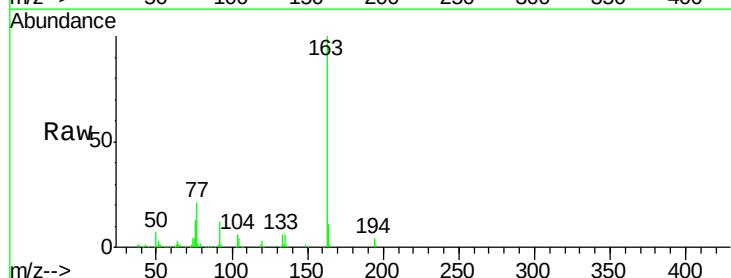
Tgt Ion:163 Resp: 118442

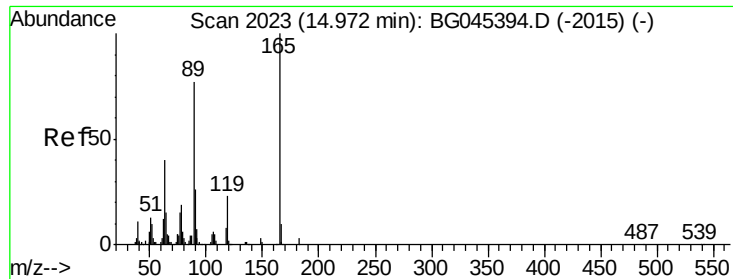
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 11.5 8.3 12.5

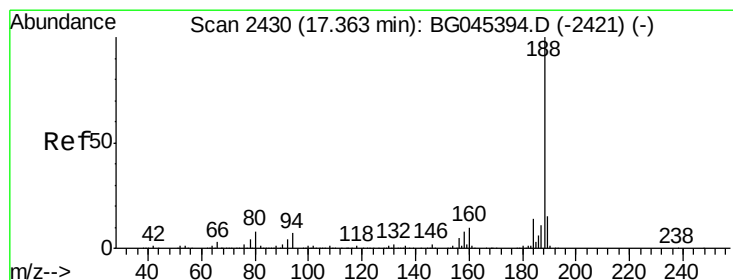
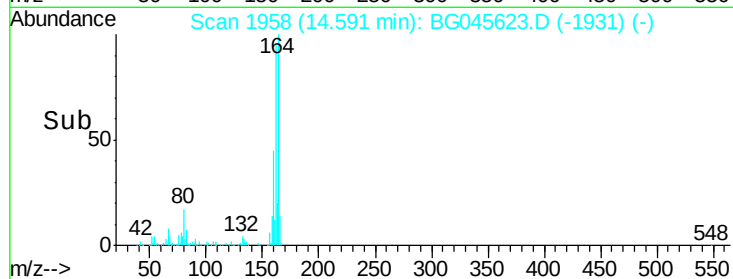
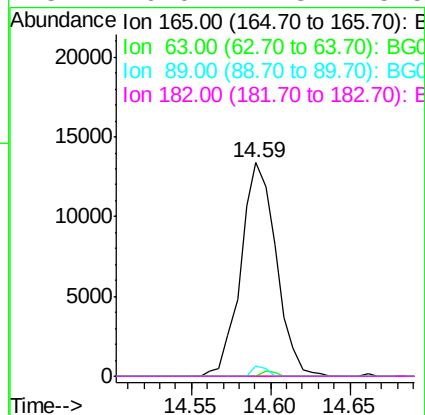
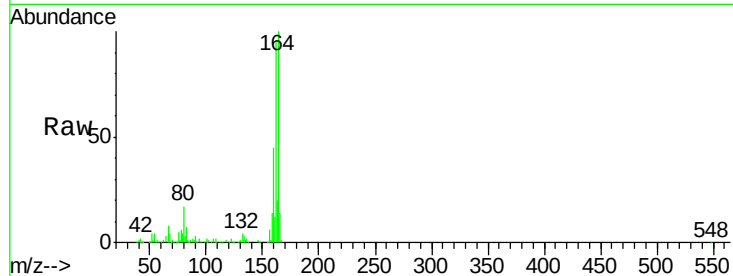




#57
 2,4-Dinitrotoluene
 Concen: 5.850 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.37 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

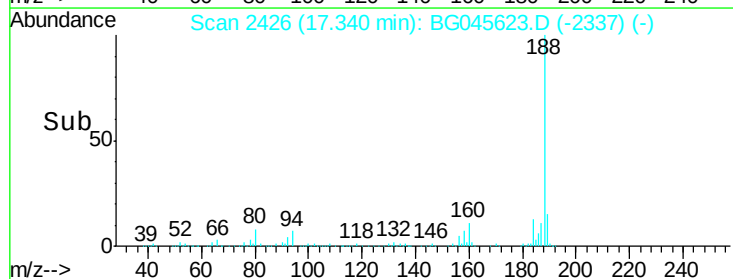
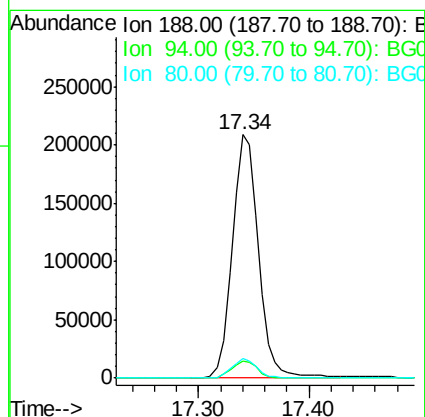
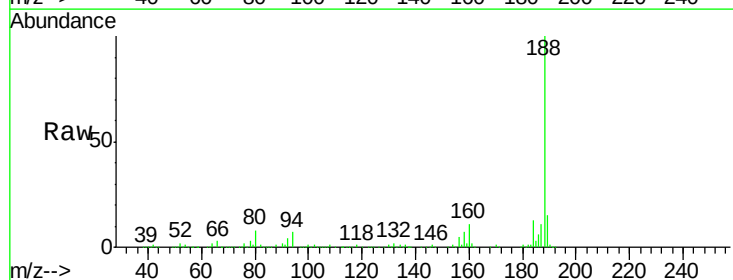
Instrument :
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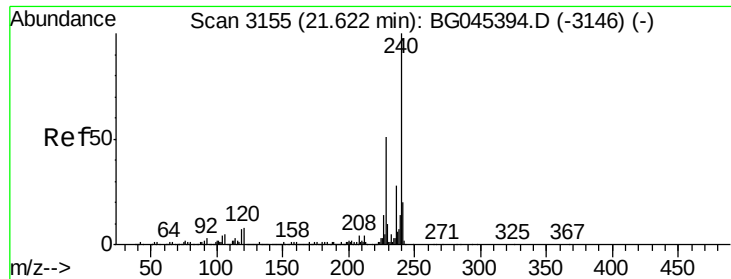
Tot Ion:165 Resp: 20688
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.5 48.7#
 89 4.6 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 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





#76

Chrysene-d12

Concen: 20.000 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

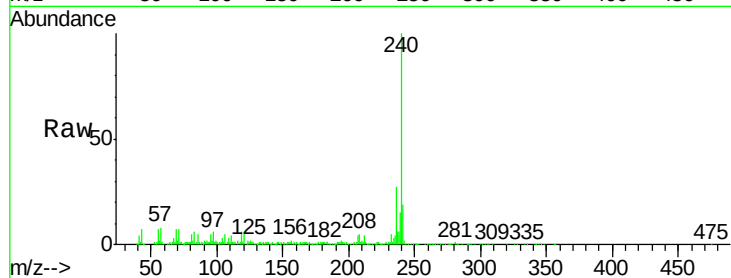
Tot Ion:240 Resp: 311855

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

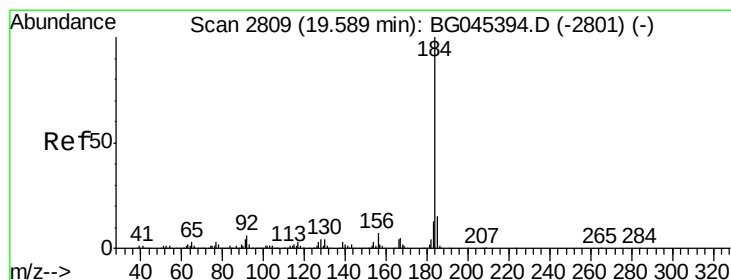
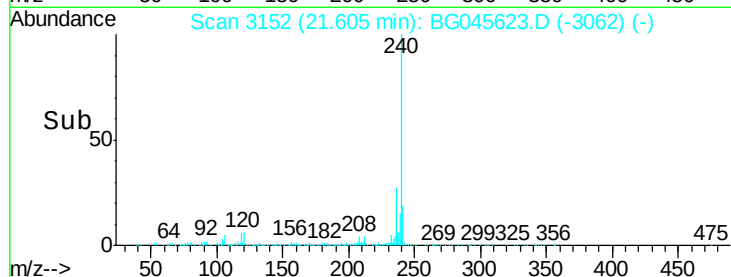
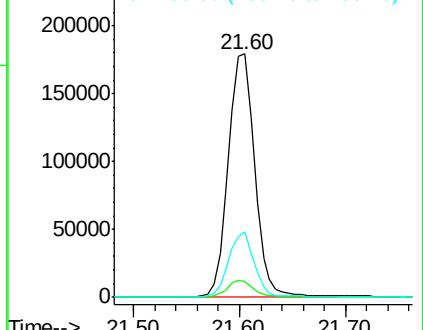
236 27.0 22.3 33.5



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



#77

Benzidine

Concen: 2.649 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

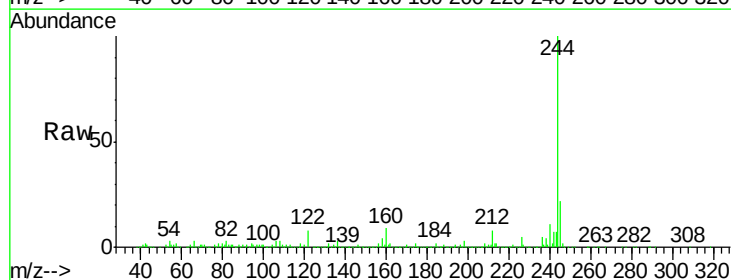
Tgt Ion:184 Resp: 23199

Ion Ratio Lower Upper

184 100

185 16.7 11.7 17.5

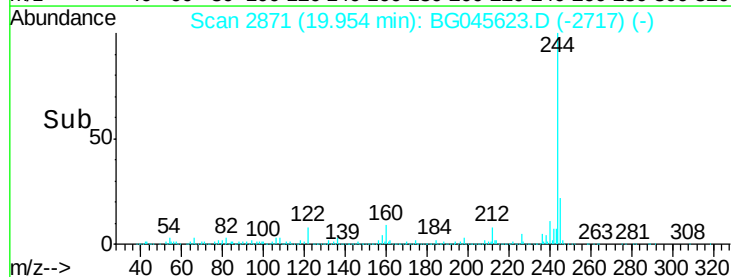
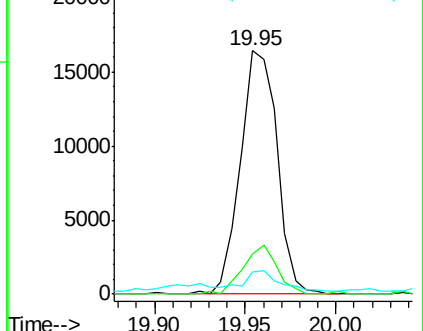
183 9.1 10.2 15.4#

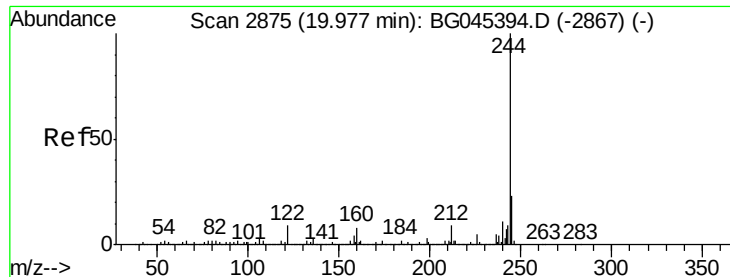


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 90.256 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

Instrument :

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ClientSampleId :

GEN

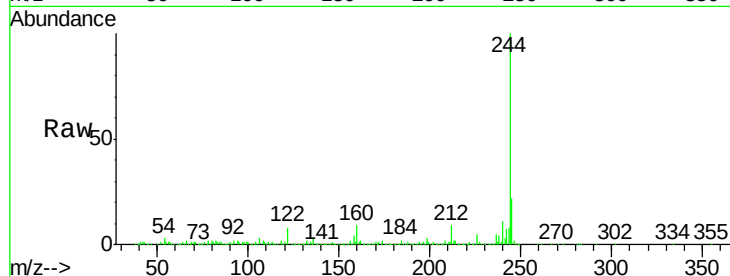
Tot Ion:244 Resp: 1206832

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

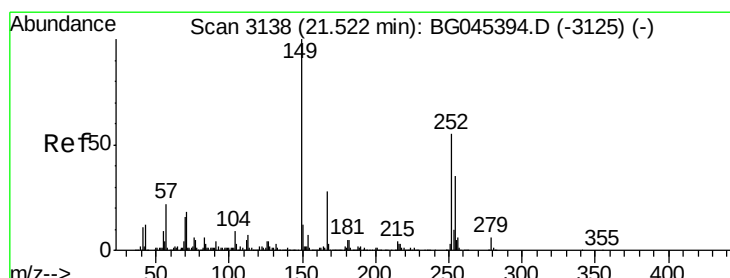
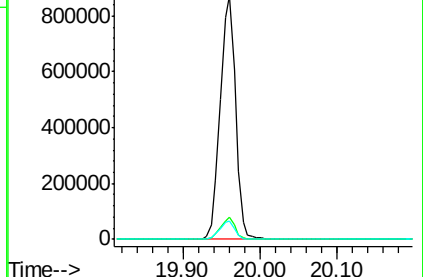
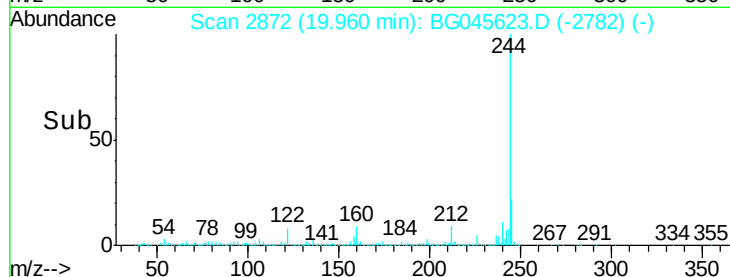
122 7.8 6.8 10.2



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: 2.260 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045623.D

Acq: 5 Jun 2020 19:31

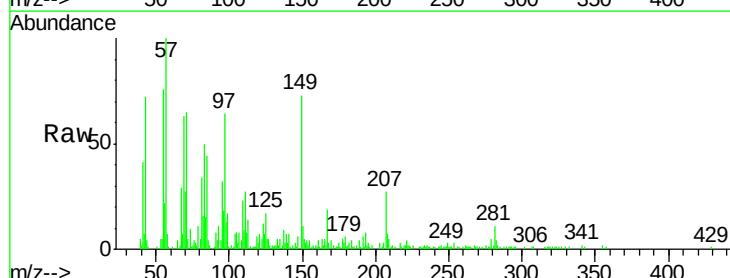
Tgt Ion:149 Resp: 23838

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

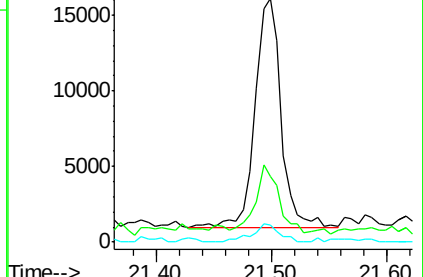
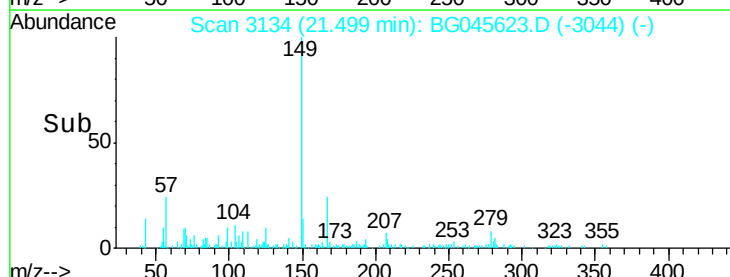
279 7.0 4.7 7.1

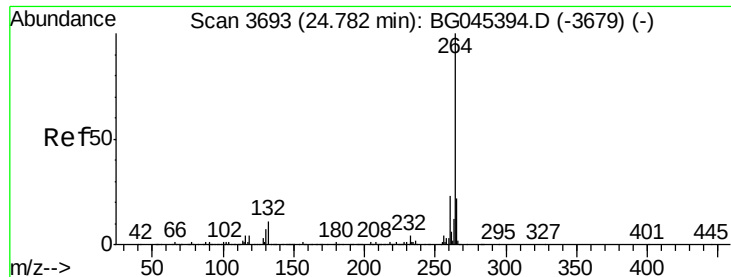


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: BG045623.D
 Acq: 5 Jun 2020 19:31

Instrument :
 BNA_G
 ClientSampleId :
 GEN

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

