

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045643.D
 Acq On : 8 Jun 2020 15:35
 Operator : CG/JU
 Sample : L2887-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-335

Quant Time: Jun 08 16:11:25 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

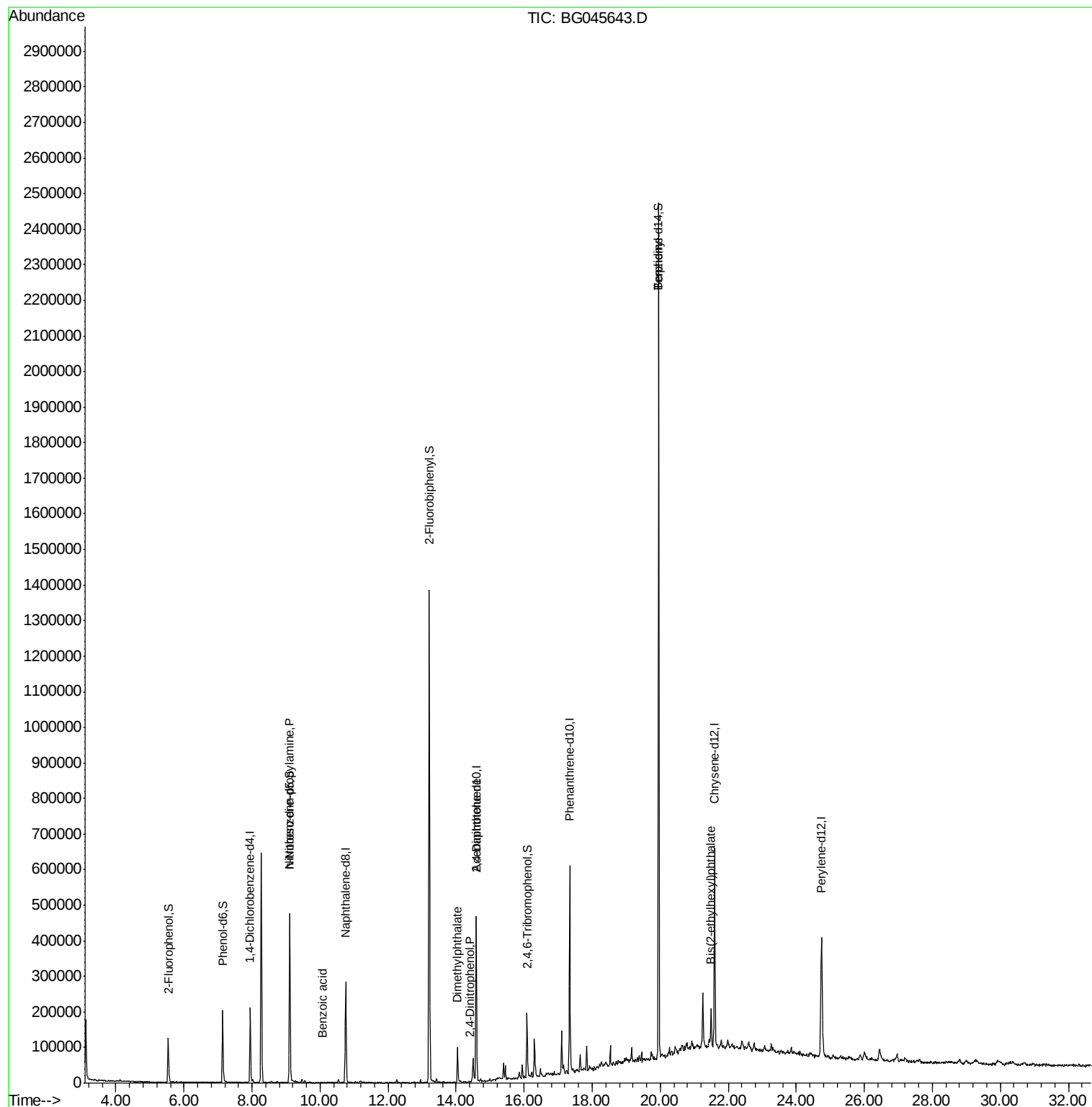
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63690	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	251695	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	173720	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	381797	20.00	ng	0.00
76) Chrysene-d12	21.60	240	368661	20.00	ng	0.00
87) Perylene-d12	24.74	264	396869	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	67282	20.65	ng	0.00
7) Phenol-d6	7.14	99	144162	31.08	ng	0.00
23) Nitrobenzene-d5	9.11	82	334181	72.40	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	39312	17.69	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	788116	76.95	ng	0.00
79) Terphenyl-d14	19.95	244	1216117	76.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	45038	14.041	ng	# 83
32) Benzoic acid	10.07	122	54	10.042	ng	# 1
50) Dimethylphthalate	14.04	163	66973	5.620	ng	# 97
54) 2,4-Dinitrophenol	14.41	184	56	5.489	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	23463	6.025	ng	# 23
77) Benzidine	19.95	184	22753	2.198	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.49	149	44683	3.584	ng	99

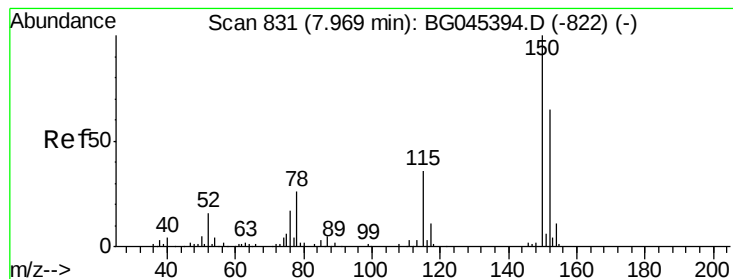
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045643.D
Acq On : 8 Jun 2020 15:35
Operator : CG/JU
Sample : L2887-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-335

Quant Time: Jun 08 16:11:25 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: 20.000 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

ETGI-335

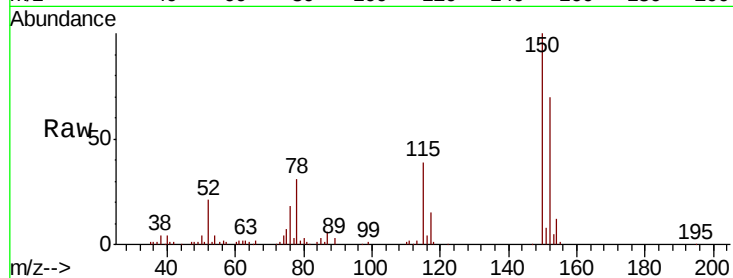
Tot Ion:152 Resp: 63690

Ion Ratio Lower Upper

152 100

150 143.2 122.4 183.6

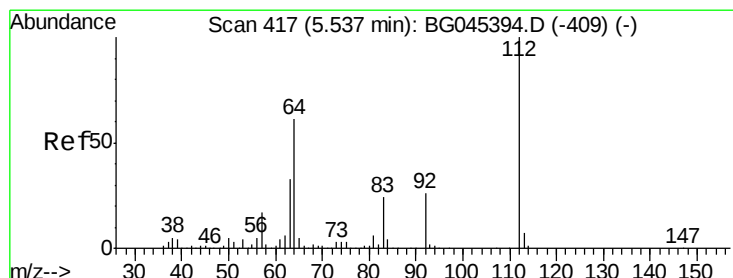
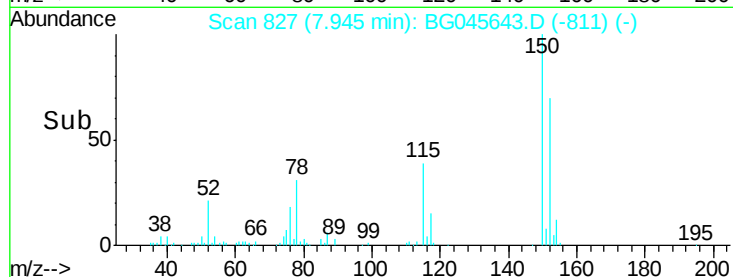
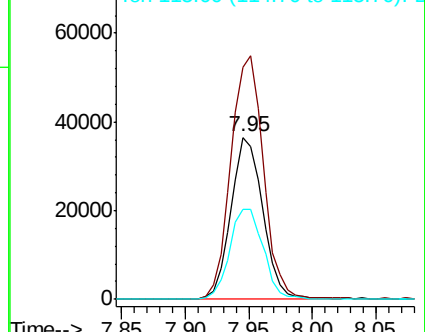
115 55.4 44.2 66.4



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: 20.645 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

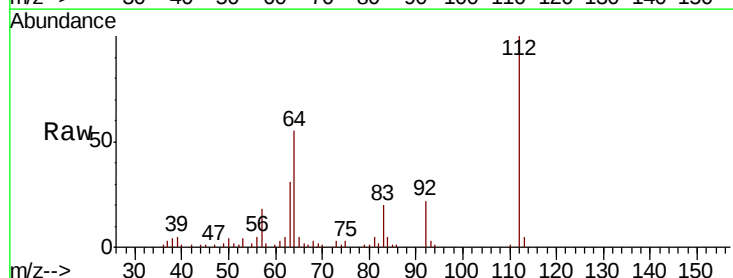
Tgt Ion:112 Resp: 67282

Ion Ratio Lower Upper

112 100

64 54.7 48.6 72.8

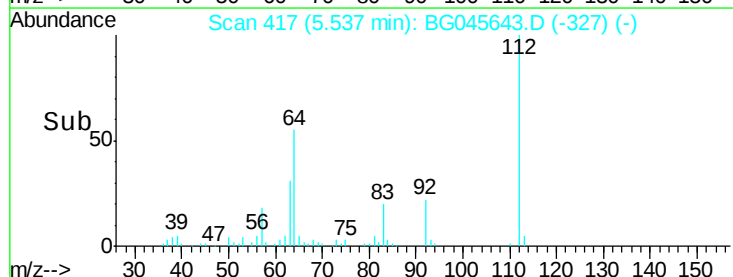
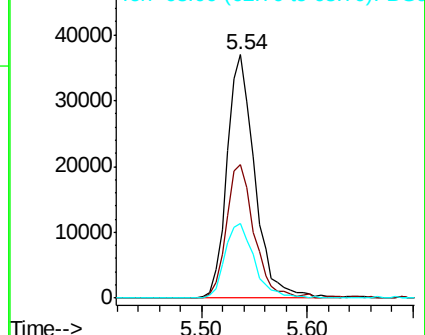
63 30.6 26.5 39.7

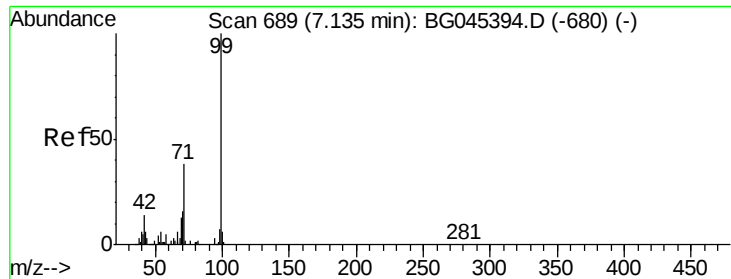


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.079 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

ETGI-335

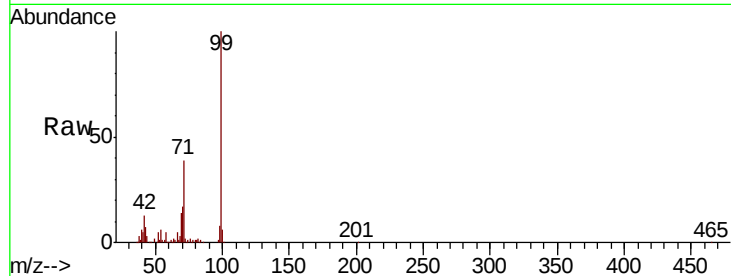
Tot Ion: 99 Resp: 144162

Ion Ratio Lower Upper

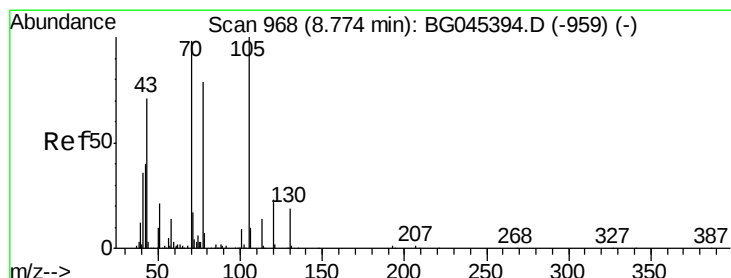
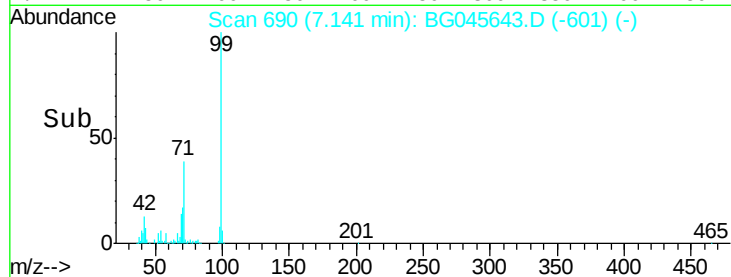
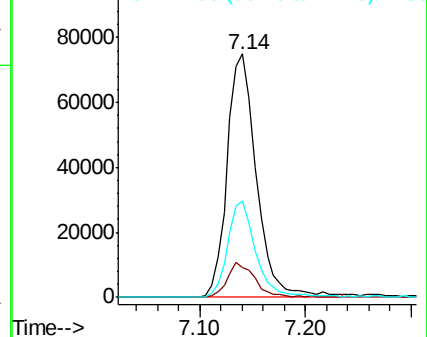
99 100

42 12.5 11.3 16.9

71 39.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.041 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

Tgt Ion: 70 Resp: 45038

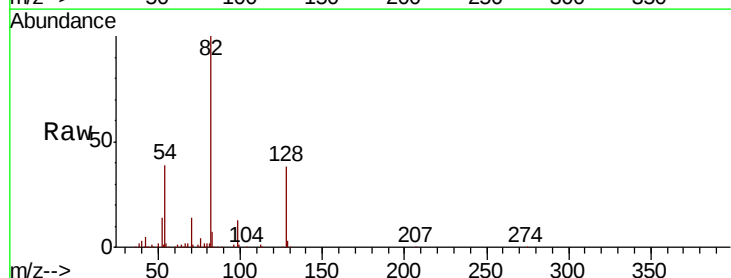
Ion Ratio Lower Upper

70 100

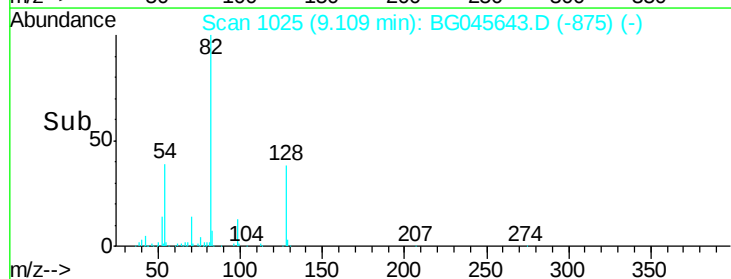
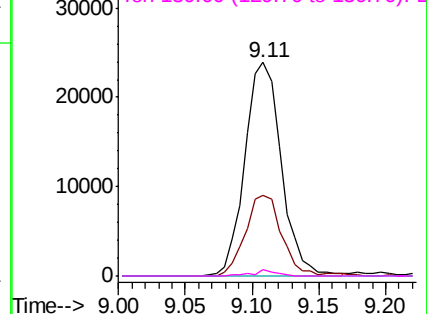
42 37.5 33.2 49.8

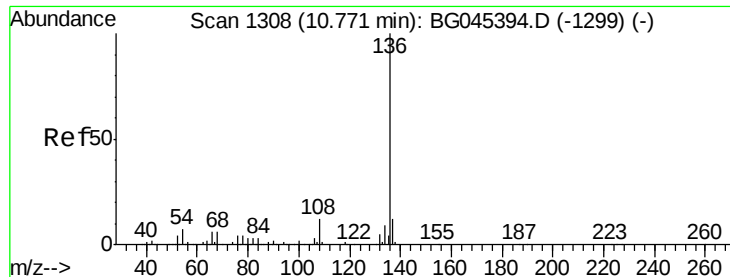
101 0.0 7.8 11.6#

130 2.9 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

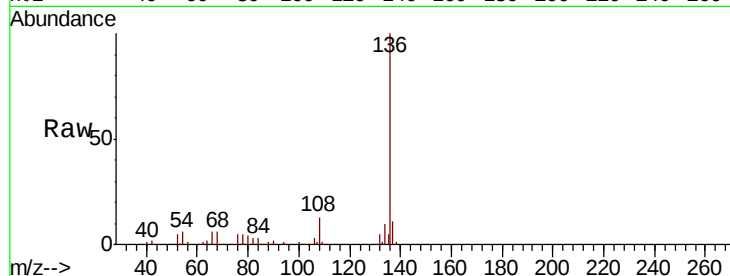




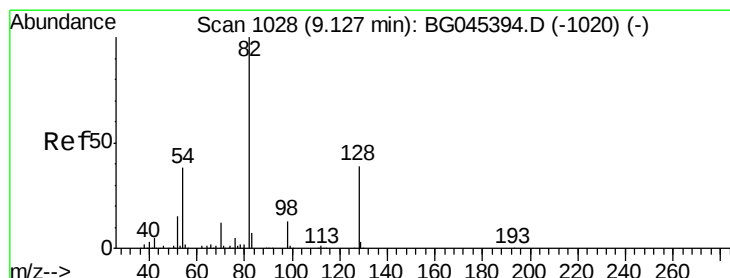
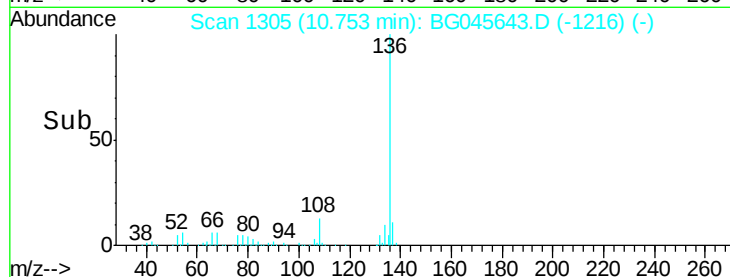
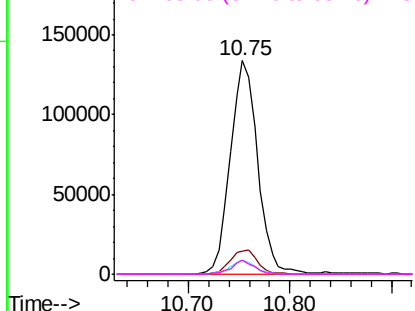
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045643.D
Acq: 8 Jun 2020 15:35

Instrument :
BNA_G
ClientSampleId :
ETGI-335

Tot Ion:136	Resp:	251695	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.4	14.2	
54 6.3	5.8	8.6	
68 6.3	4.5	6.7	

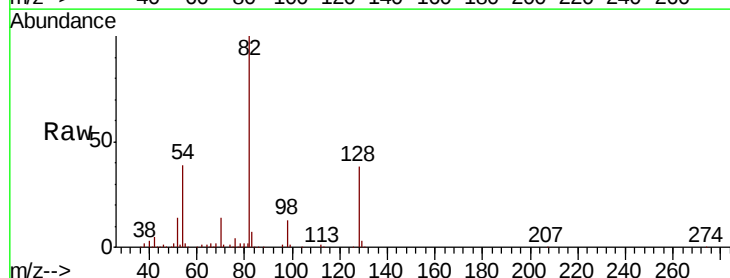


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

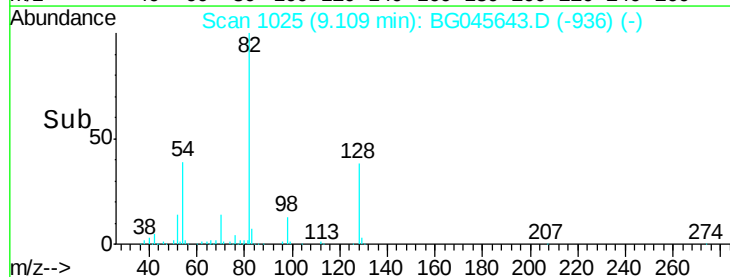
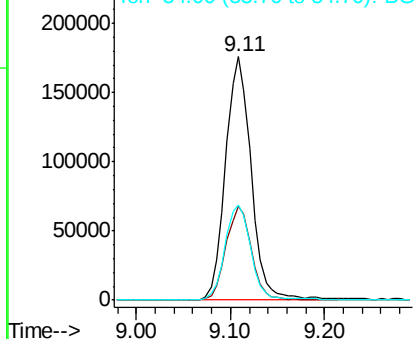


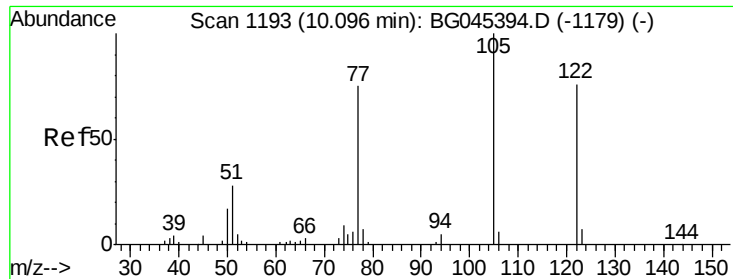
#23
Nitrobenzene-d5
Concen: 72.403 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045643.D
Acq: 8 Jun 2020 15:35

Tgt Ion: 82	Resp: 334181
Ion Ratio	Lower Upper
82 100	
128 38.3	30.9 46.3
54 39.3	30.3 45.5



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





#32

Benzoic acid

Concen: 10.042 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.05 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

ETGI-335

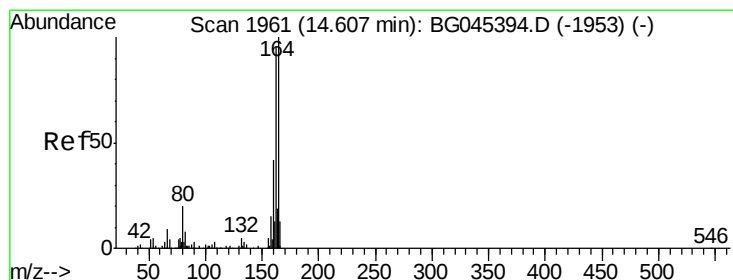
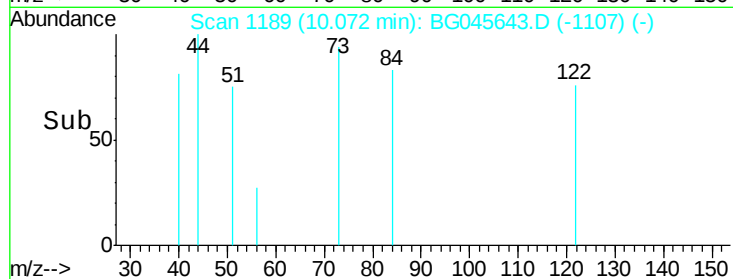
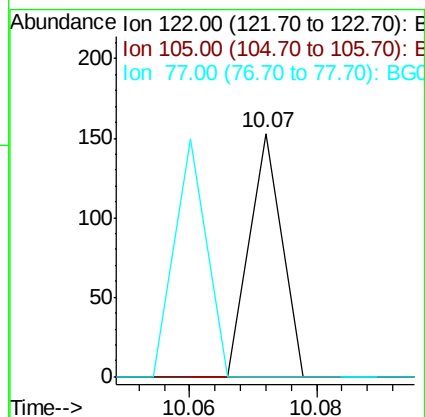
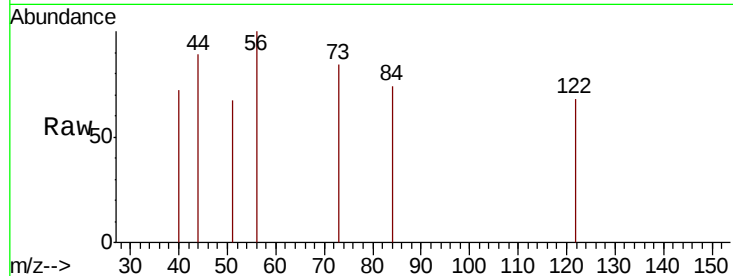
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

77 0.0 78.9 118.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

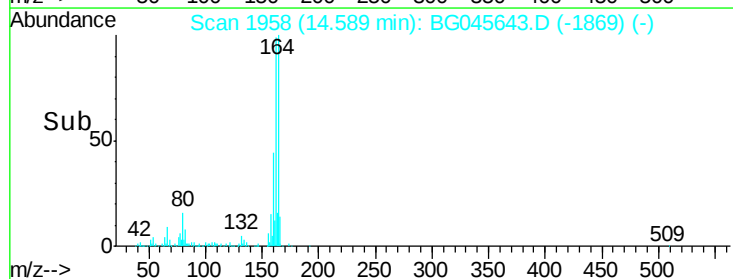
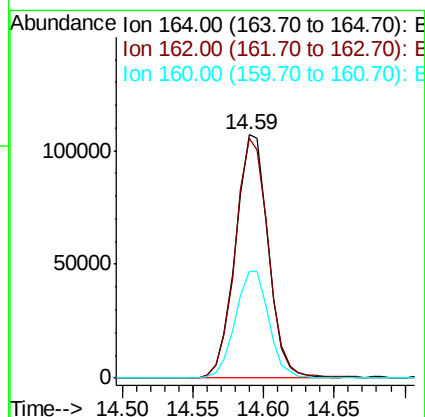
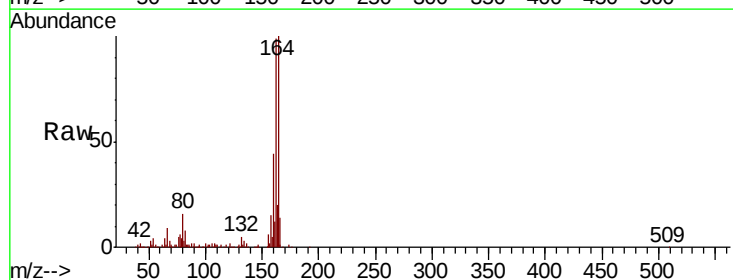
Tgt Ion:164 Resp: 173720

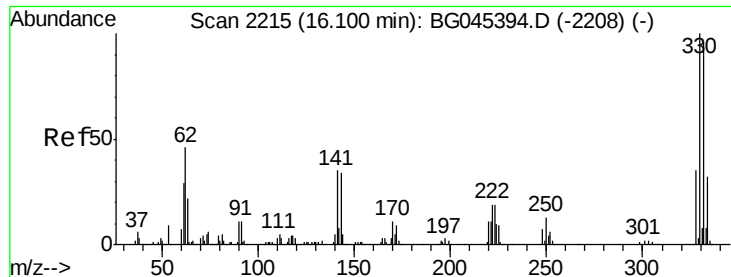
Ion Ratio Lower Upper

164 100

162 98.6 76.9 115.3

160 44.0 33.8 50.8

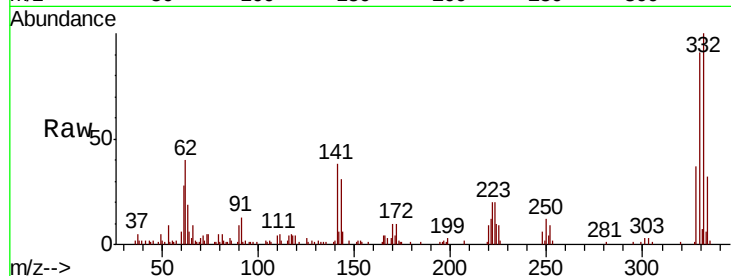




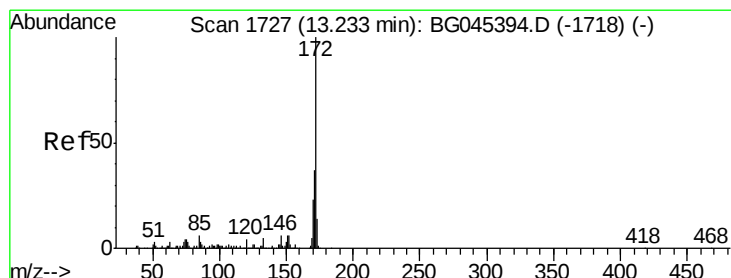
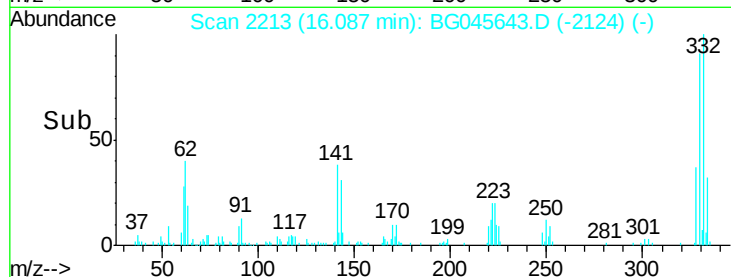
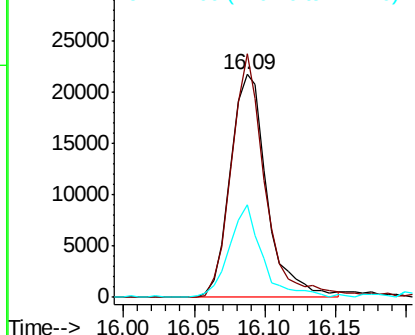
#42
 2,4,6-Tribromophenol
 Concen: 17.695 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045643.D
 Acq: 8 Jun 2020 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-335

Tot Ion:330 Resp: 39312
 Ion Ratio Lower Upper
 330 100
 332 99.7 78.2 117.4
 141 37.1 28.2 42.4

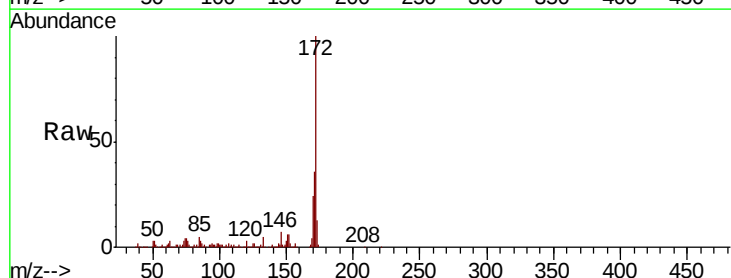


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

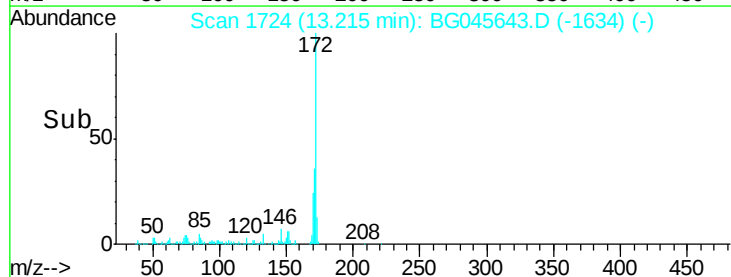
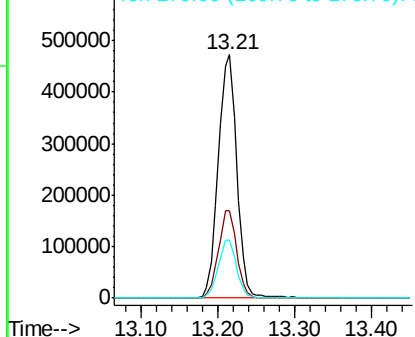


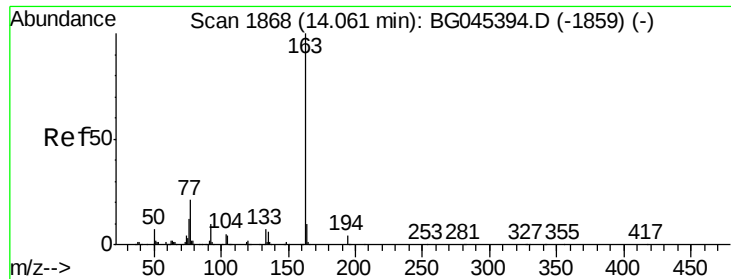
#45
 2-Fluorobiphenyl
 Concen: 76.952 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG045643.D
 Acq: 8 Jun 2020 15:35

Tgt Ion:172 Resp: 788116
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 5.620 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

Instrument :

BNA_G

ClientSampled :

ETGI-335

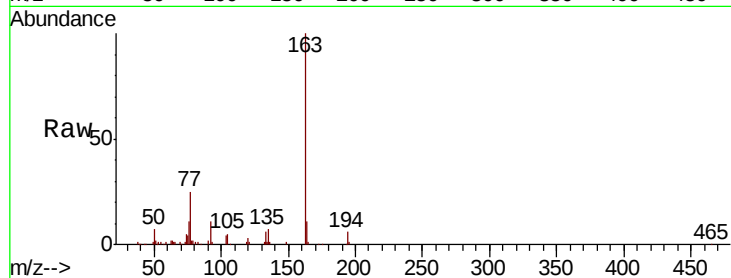
Tot Ion:163 Resp: 66973

Ion Ratio Lower Upper

163 100

194 5.5 3.2 4.8#

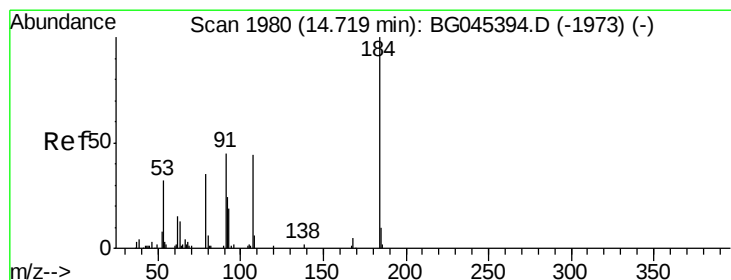
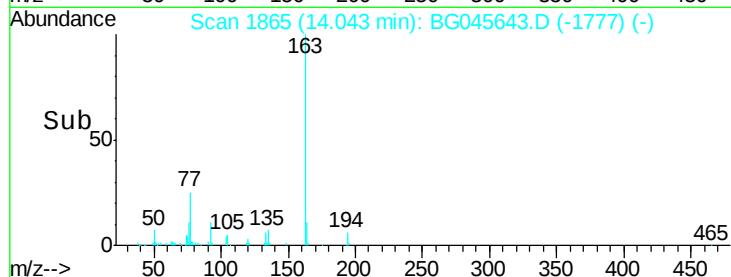
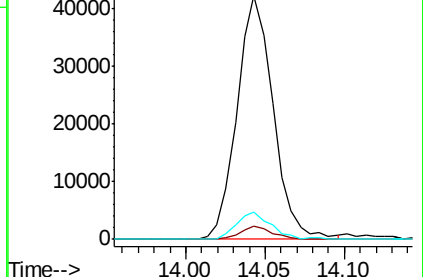
164 11.2 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.489 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.30 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

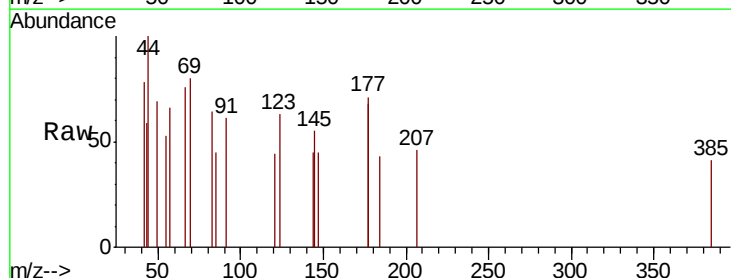
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

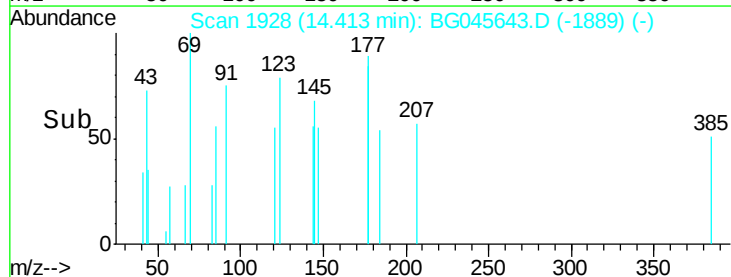
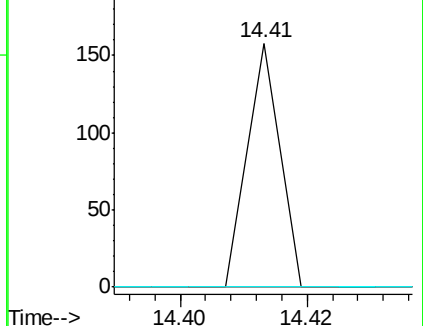
154 0.0 58.3 87.5#

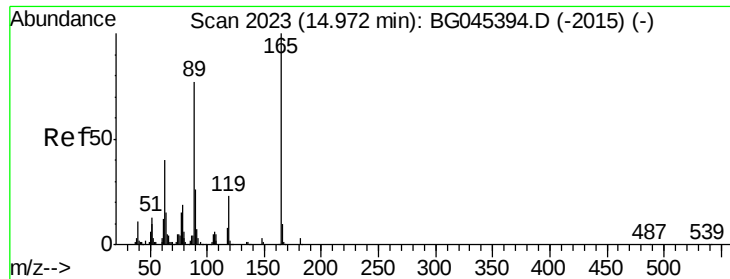


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

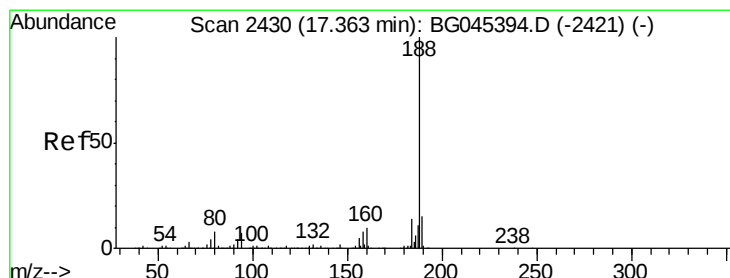
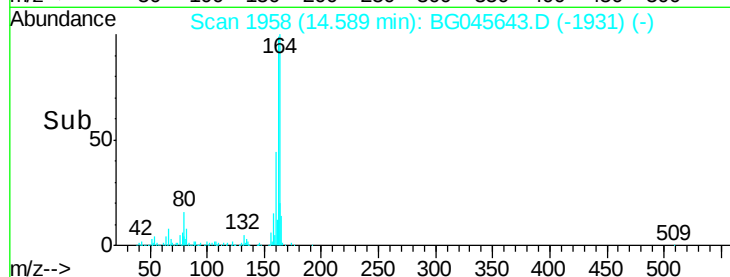
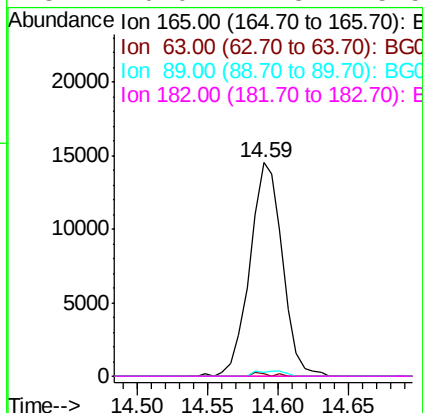
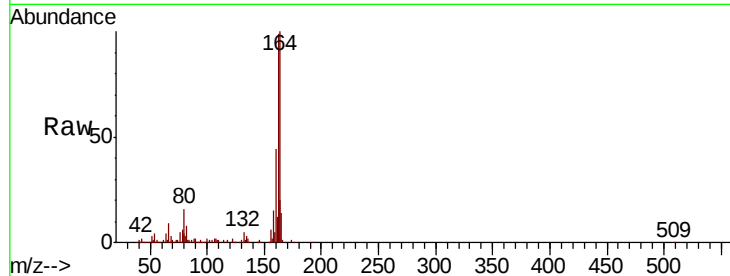




#57
2,4-Dinitrotoluene
Concen: 6.025 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045643.D
Acq: 8 Jun 2020 15:35

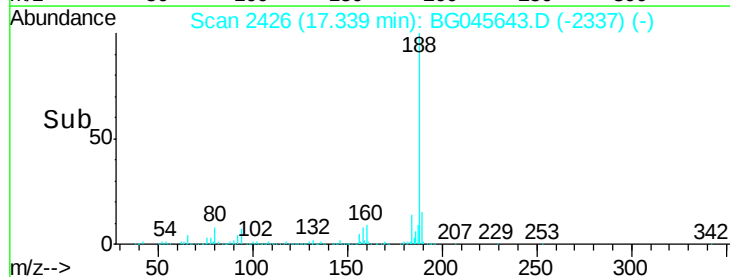
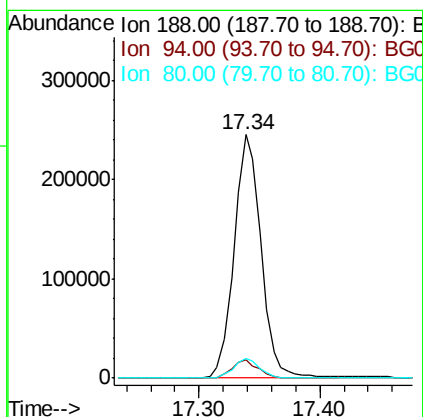
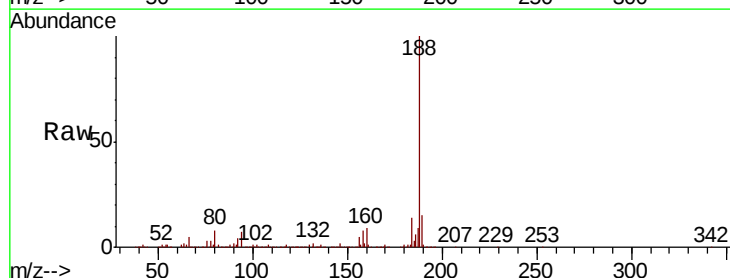
Instrument :
BNA_G
ClientSampleId :
ETGI-335

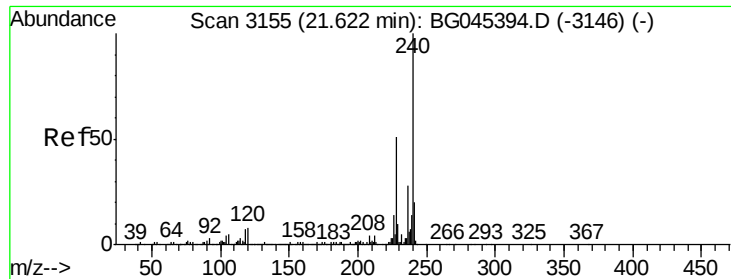
Tot Ion:165 Resp: 23463
Ion Ratio Lower Upper
165 100
63 1.2 32.5 48.7#
89 1.8 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045643.D
Acq: 8 Jun 2020 15:35

Tgt Ion:188 Resp: 381797
Ion Ratio Lower Upper
188 100
94 7.3 5.5 8.3
80 7.9 6.6 10.0

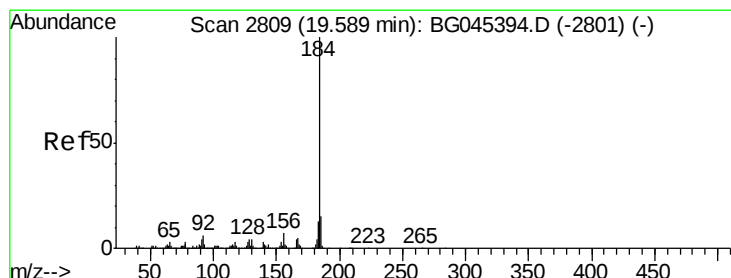
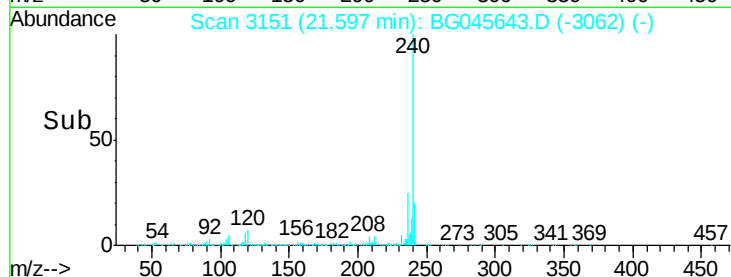
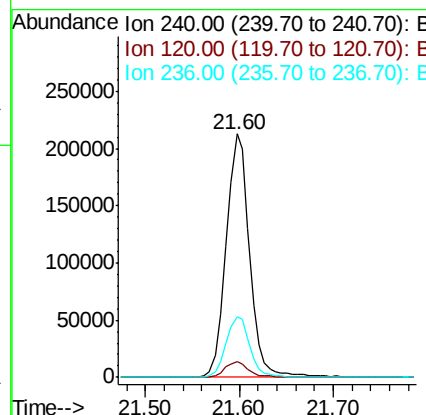
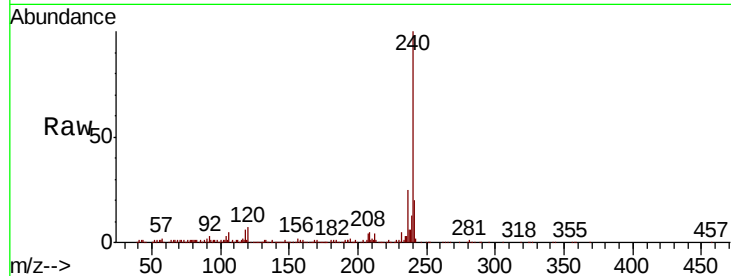




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045643.D
Acq: 8 Jun 2020 15:35

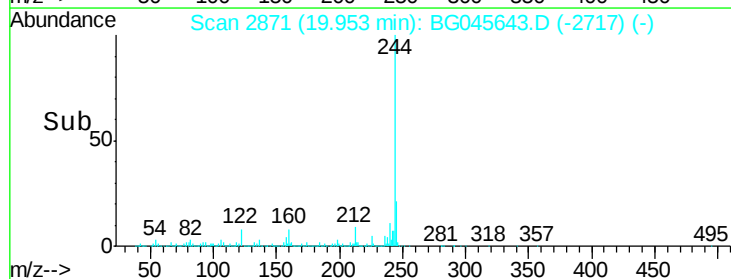
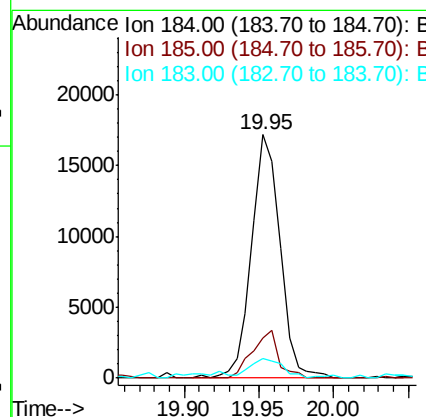
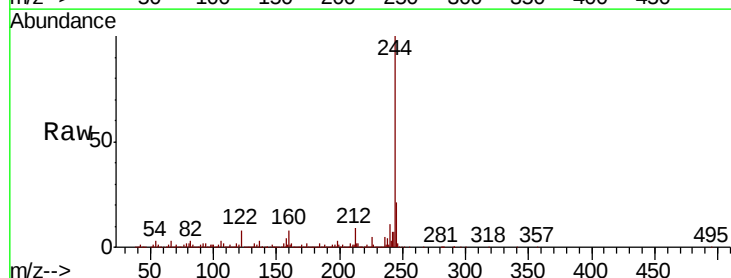
Instrument :
BNA_G
ClientSampleId :
ETGI-335

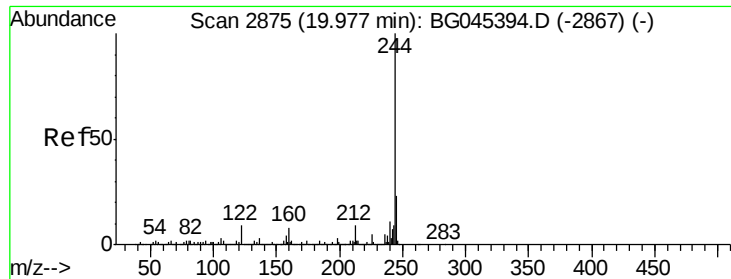
Tot Ion:240 Resp: 368661
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 24.8 22.3 33.5



#77
Benzidine
Concen: 2.198 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045643.D
Acq: 8 Jun 2020 15:35

Tgt Ion:184 Resp: 22753
Ion Ratio Lower Upper
184 100
185 16.5 11.7 17.5
183 8.3 10.2 15.4#





#79

Terphenyl-d14

Concen: 76.936 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

ETGI-335

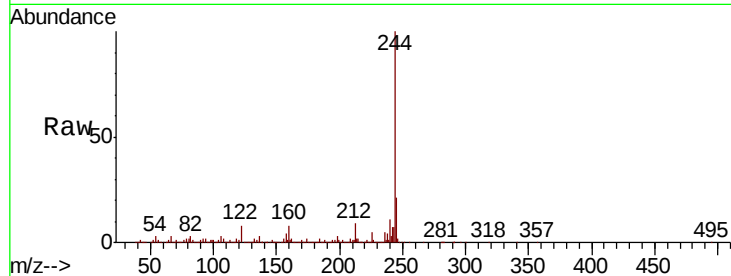
Tot Ion:244 Resp: 1216117

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

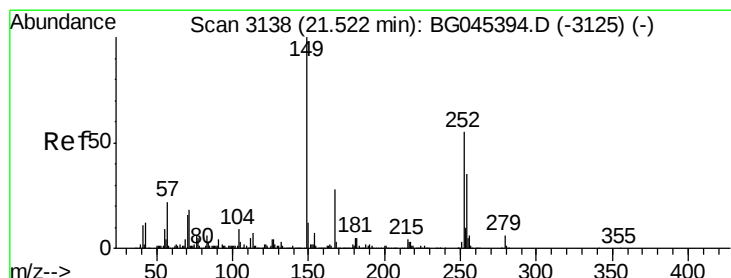
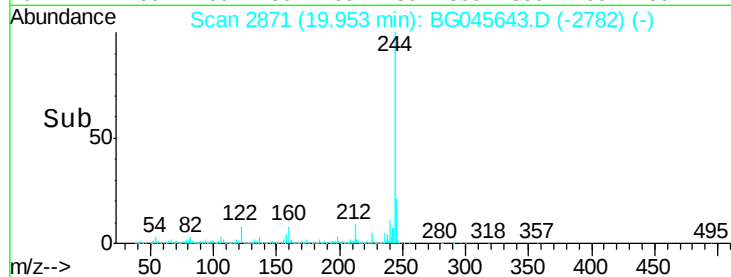
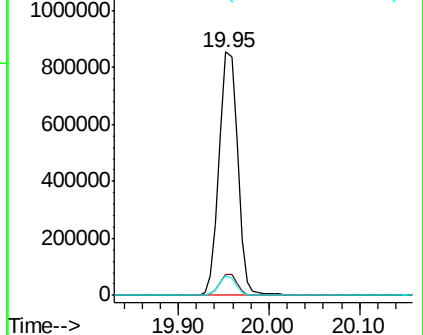
122 8.0 6.8 10.2



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: 3.584 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045643.D

Acq: 8 Jun 2020 15:35

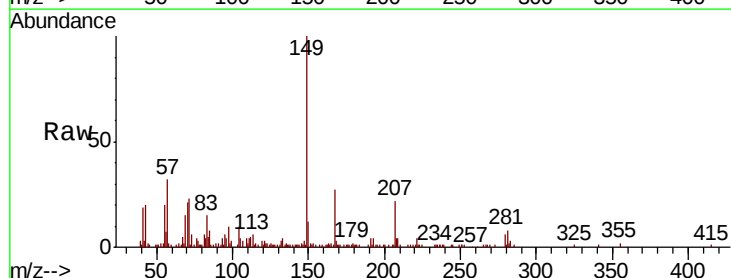
Tgt Ion:149 Resp: 44683

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

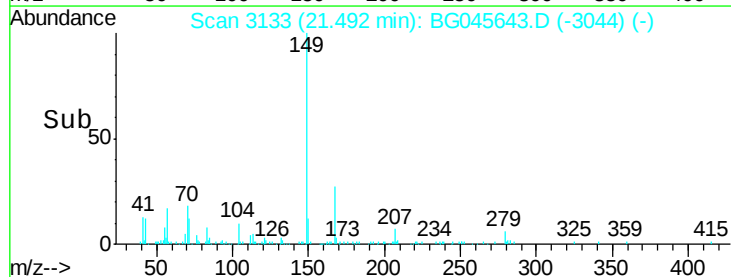
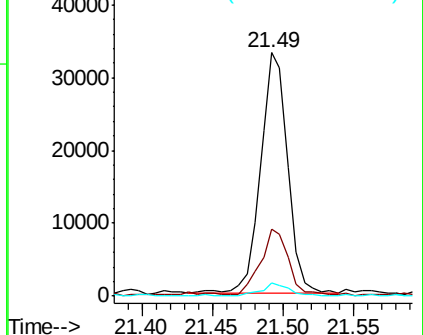
279 5.6 4.7 7.1

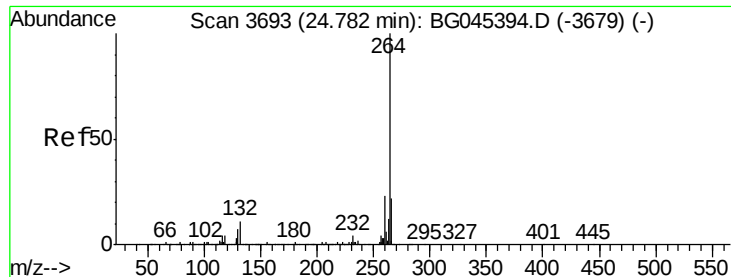


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

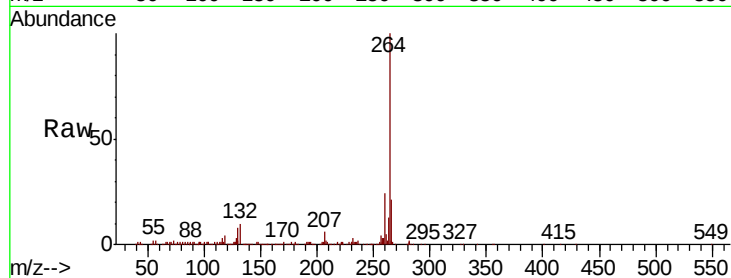




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045643.D
 Acq: 8 Jun 2020 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-335

Tot Ion:	264	Resp:	396869
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.6	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

