

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048745.D
 Acq On : 17 Apr 2021 8:18
 Operator : CG/JU
 Sample : M2030-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-304

Quant Time: Apr 19 00:23:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

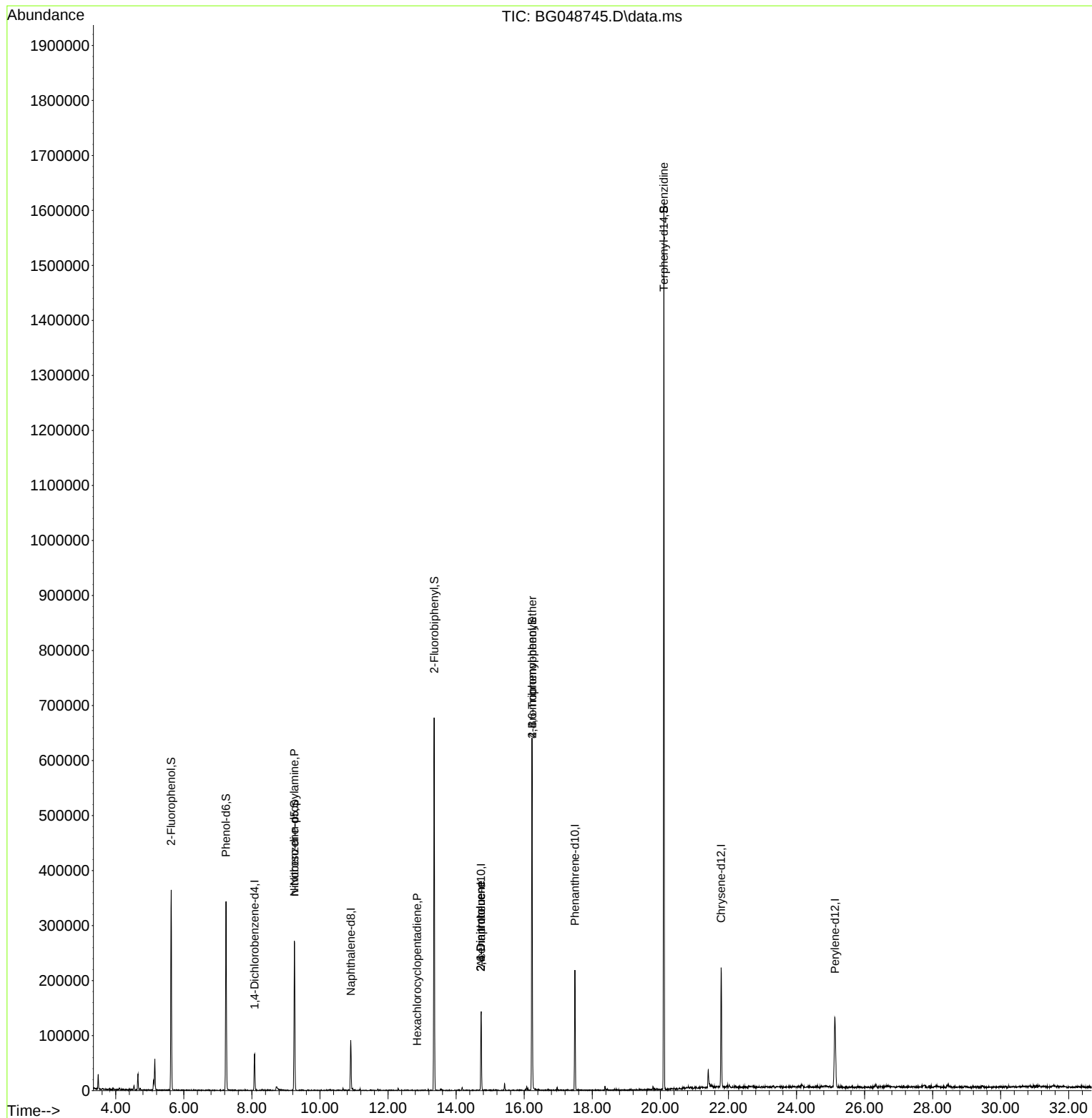
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	16611	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	70417	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	49838	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	133356	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	134629	20.00	ng	#-0.01
86) Perylene-d12	25.129	264	136879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	133579	134.50	ng	0.00
7) Phenol-d6	7.239	99	155386	110.61	ng	0.00
23) Nitrobenzene-d5	9.248	82	148557	94.45	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	100786	150.83	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	323647	93.78	ng	0.00
79) Terphenyl-d14	20.106	244	725141	92.70	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	25912	27.34	ng	# 71
41) Hexachlorocyclopentadiene	12.856	237	66	5.93	ng	# 31
51) 2,6-Dinitrotoluene	14.730	165	6685	7.75	ng	# 10
57) 2,4-Dinitrotoluene	14.730	165	6685	5.34	ng	# 15
67) 4-Bromophenyl-phenylether	16.234	248	7564	4.93	ng	# 1
77) Benzidine	20.100	184	14365	3.93	ng	# 91

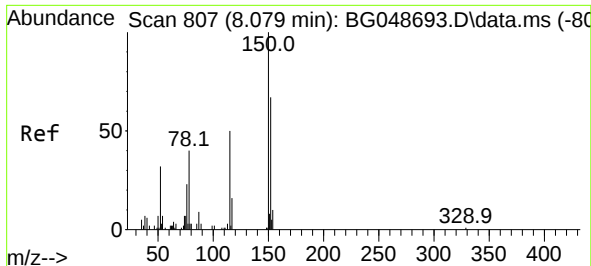
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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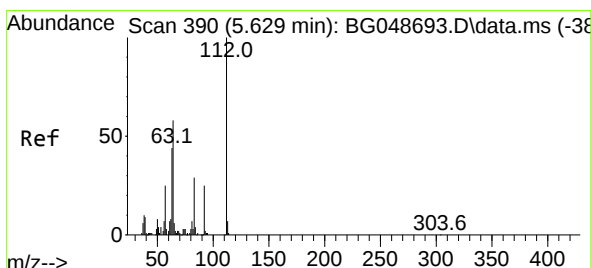
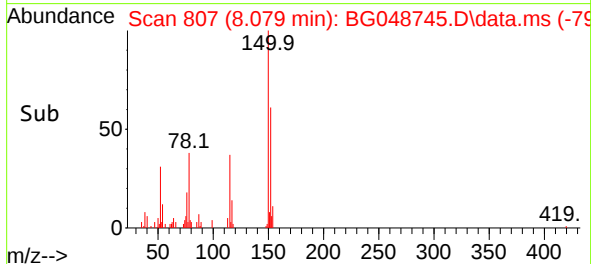
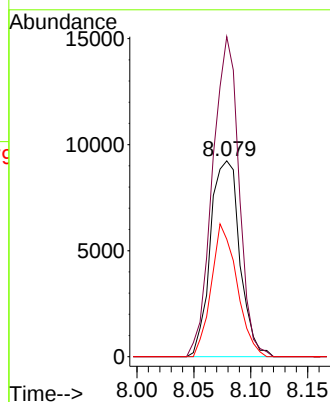
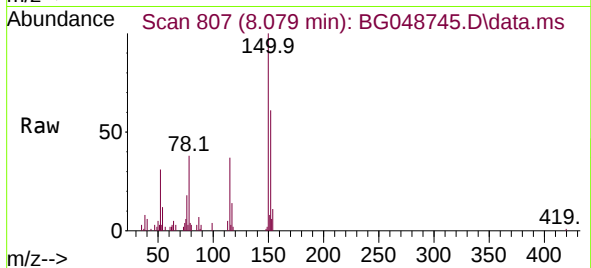




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

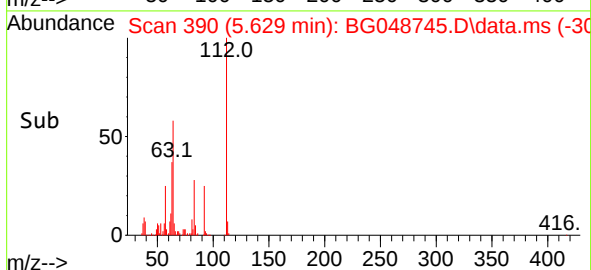
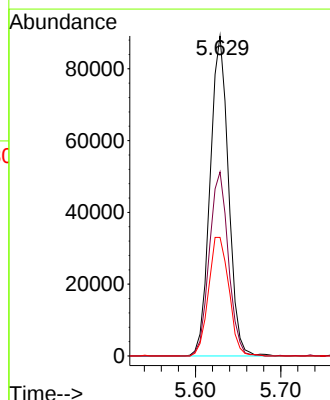
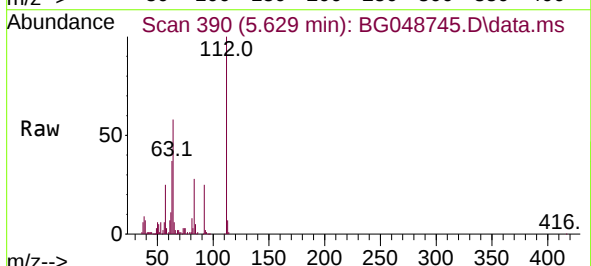
Instrument :
BNA_G
ClientSampleId :
ETGI-304

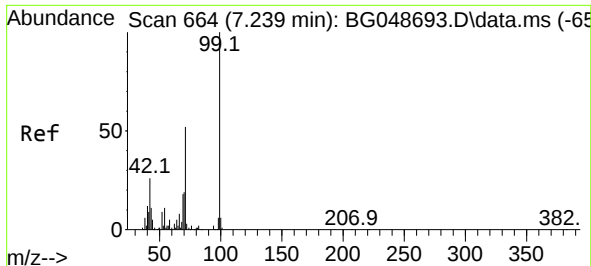
Tgt Ion:152 Resp: 16611
Ion Ratio Lower Upper
152 100
150 163.3 119.4 179.0
115 59.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 134.50 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion:112 Resp: 133579
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 37.1 35.3 52.9

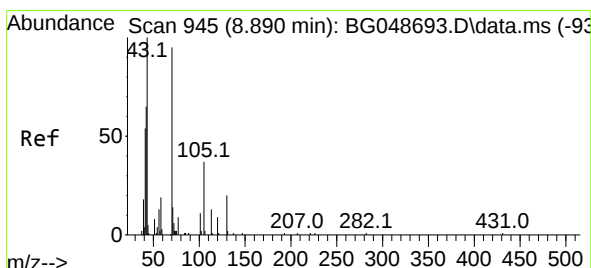
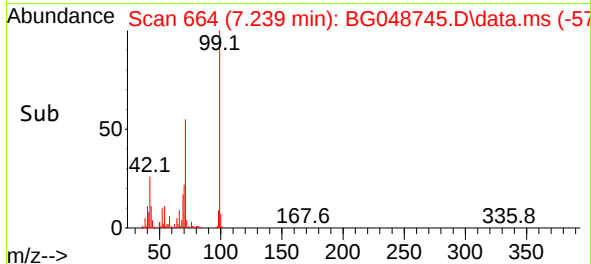
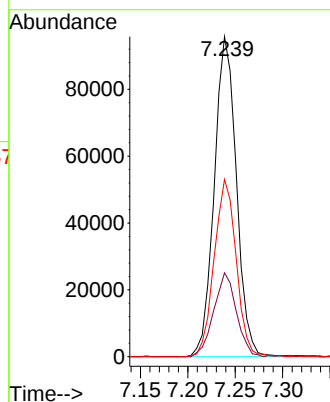
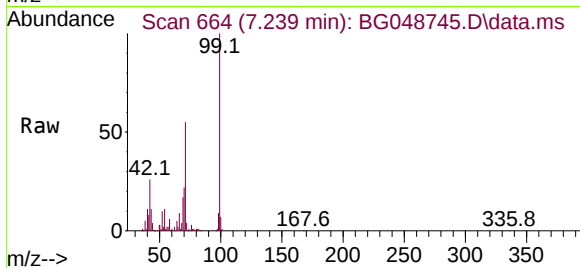




#7
Phenol-d6
Concen: 110.61 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

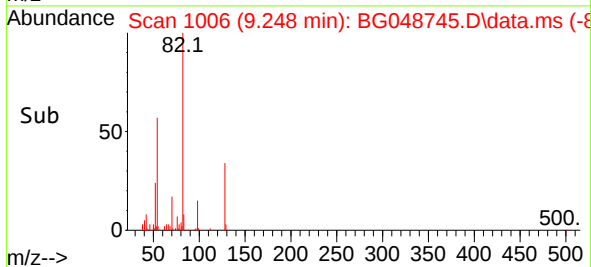
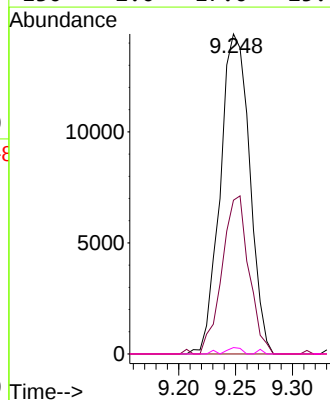
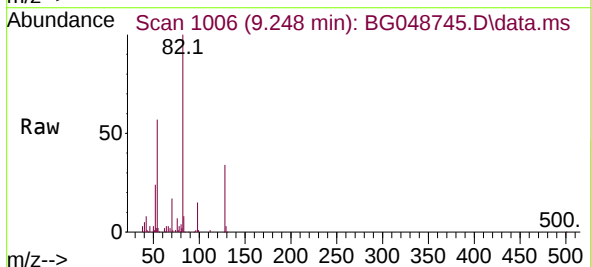
Instrument :
BNA_G
ClientSampleId :
ETGI-304

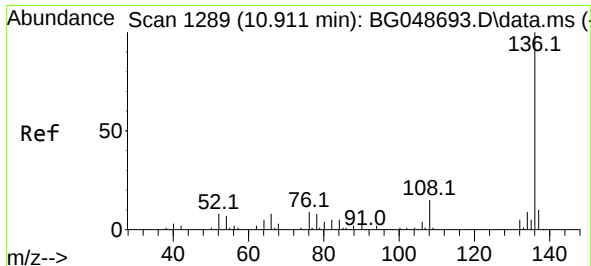
Tgt Ion: 99 Resp: 155386
Ion Ratio Lower Upper
99 100
42 26.2 20.5 30.7
71 55.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 27.34 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

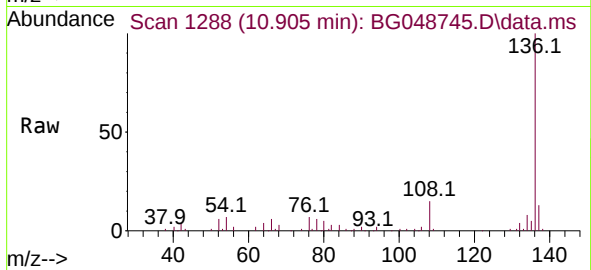
Tgt Ion: 70 Resp: 25912
Ion Ratio Lower Upper
70 100
42 48.0 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#



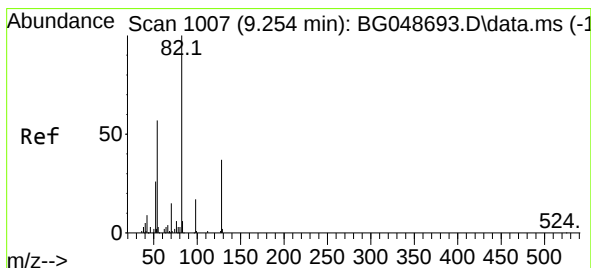
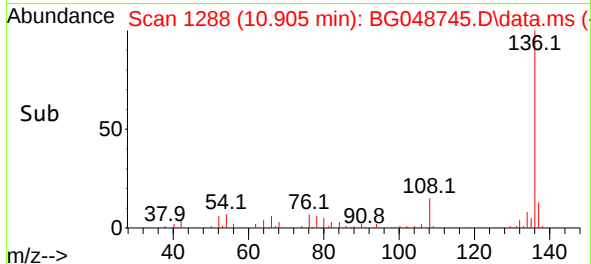
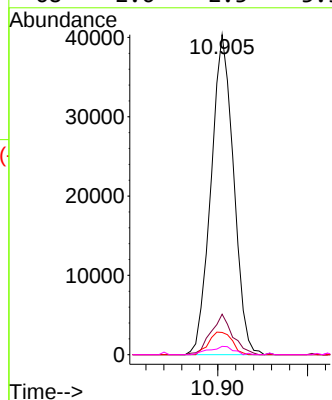


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Instrument :
BNA_G
ClientSampleId :
ETGI-304

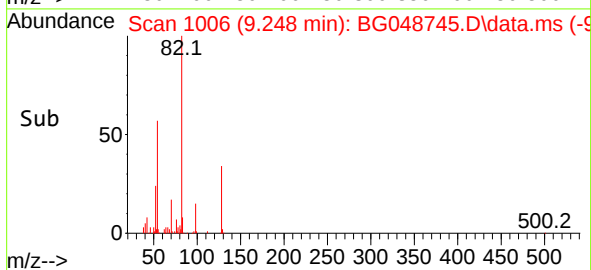
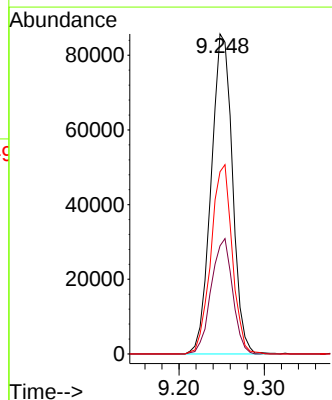
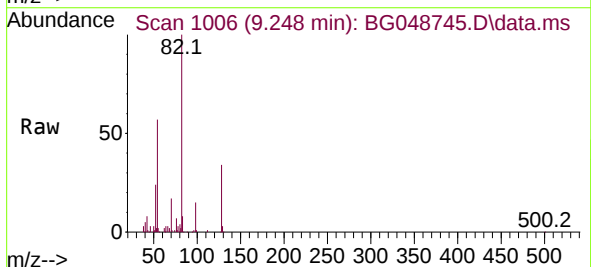


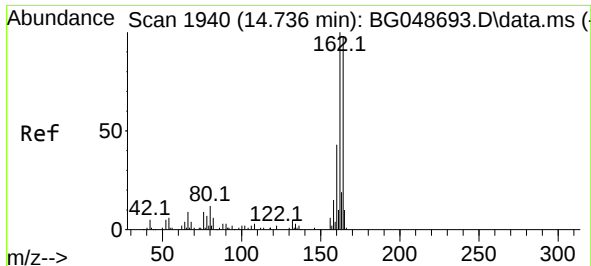
Tgt Ion:136	Resp:	70417
Ion Ratio	Lower	Upper
136	100	
137	12.7	8.2 12.2#
54	6.9	5.5 8.3
68	2.6	2.3 3.5



#23
Nitrobenzene-d5
Concen: 94.45 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion: 82	Resp:	148557
Ion Ratio	Lower	Upper
82	100	
128	33.8	29.8 44.6
54	56.9	45.8 68.8

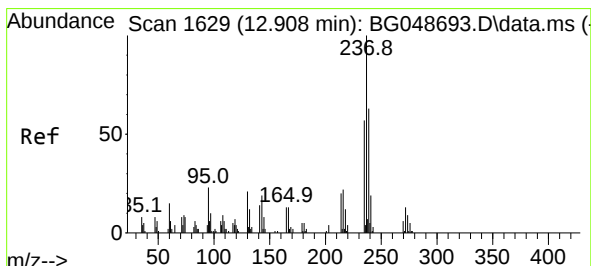
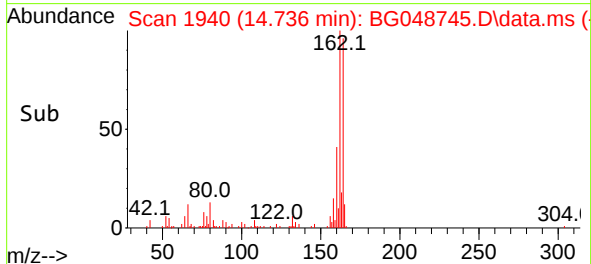
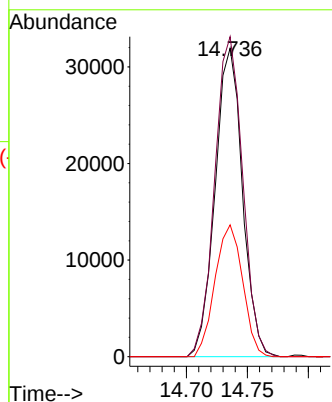
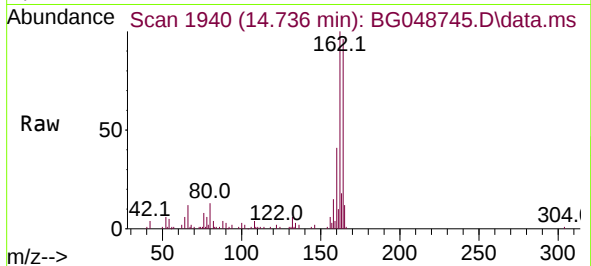




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

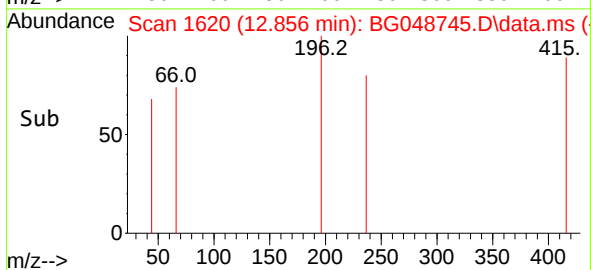
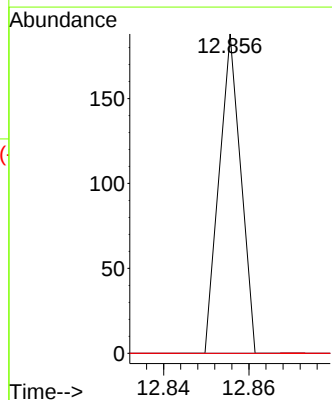
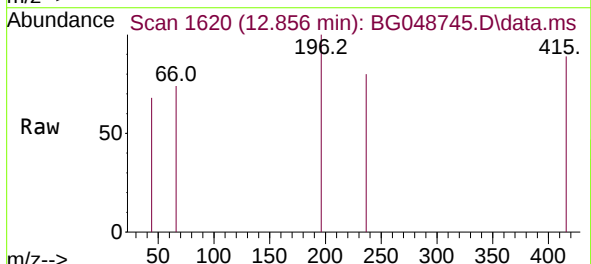
Instrument :
BNA_G
ClientSampleId :
ETGI-304

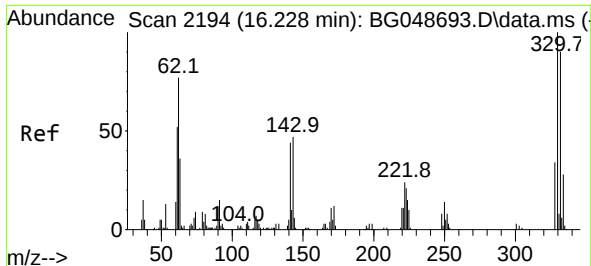
Tgt Ion:164 Resp: 49838
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 42.8 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 12.856 min Scan# 1620
Delta R.T. -0.054 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion:237 Resp: 66
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

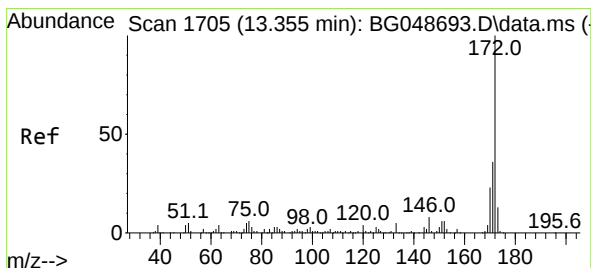
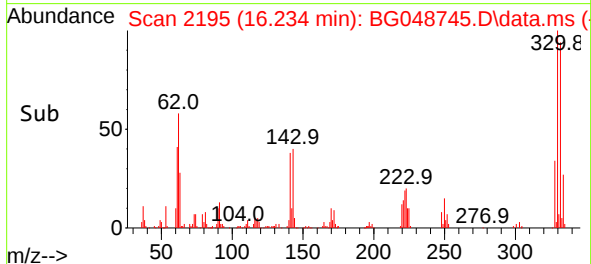
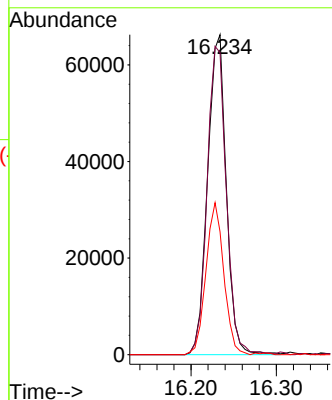
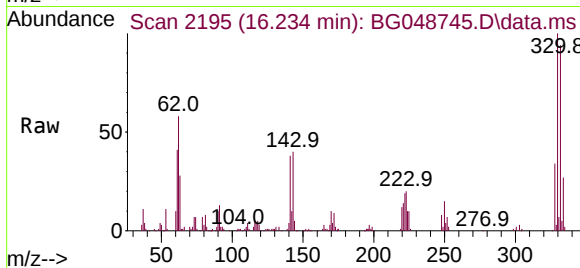




#42
2,4,6-Tribromophenol
Concen: 150.83 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

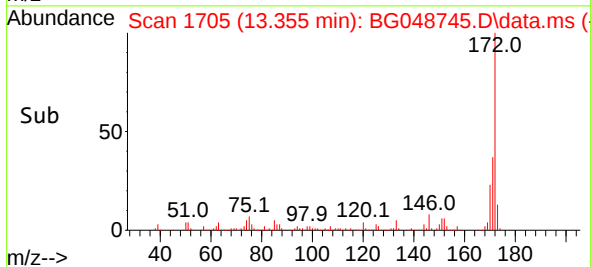
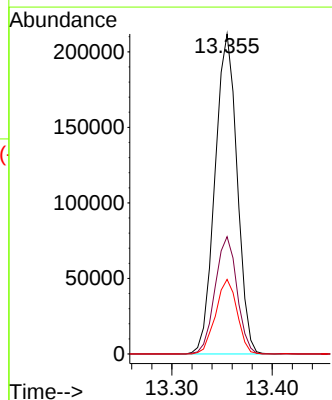
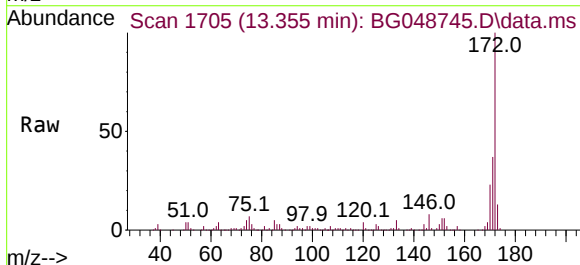
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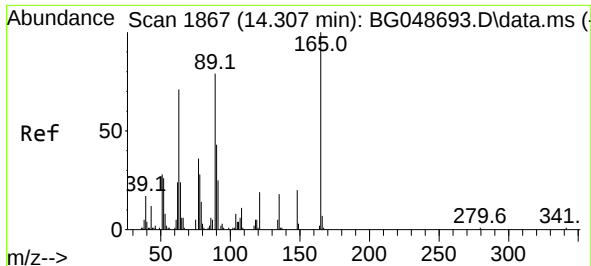
Tgt Ion:330 Resp: 100786
Ion Ratio Lower Upper
330 100
332 99.0 77.3 115.9
141 45.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 93.78 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion:172 Resp: 323647
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 23.3 18.6 27.8

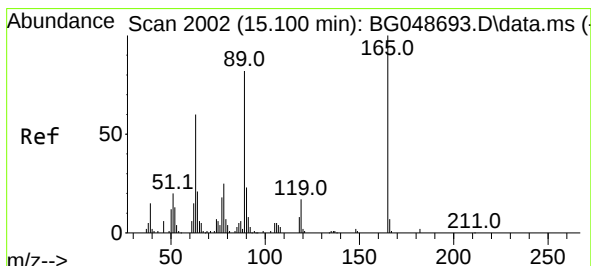
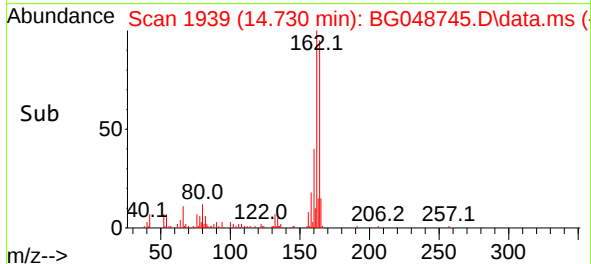
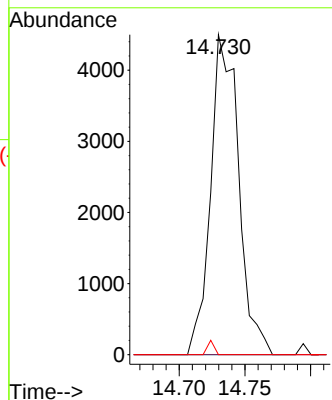
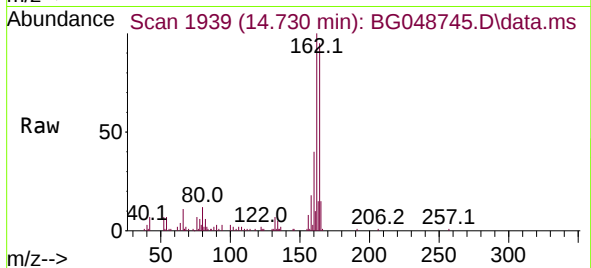




#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

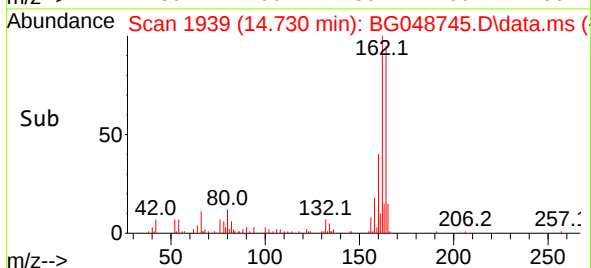
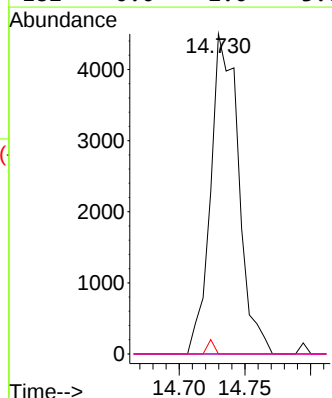
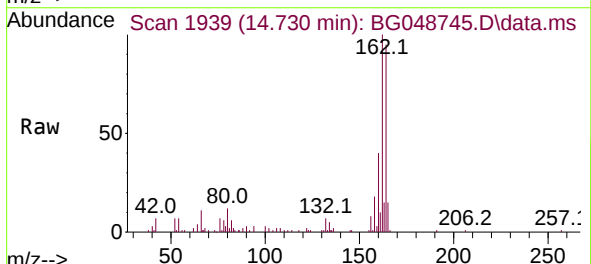
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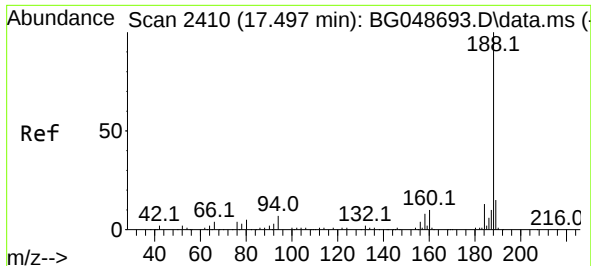
Tgt Ion:165 Resp: 6685
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion:165 Resp: 6685
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

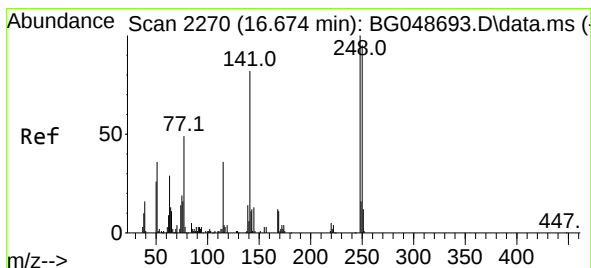
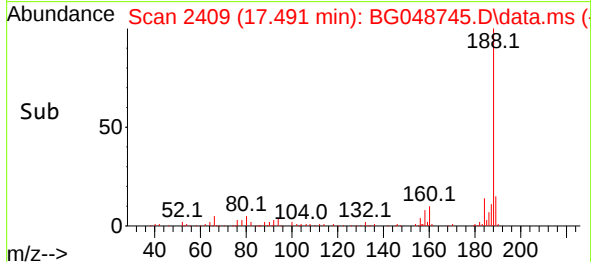
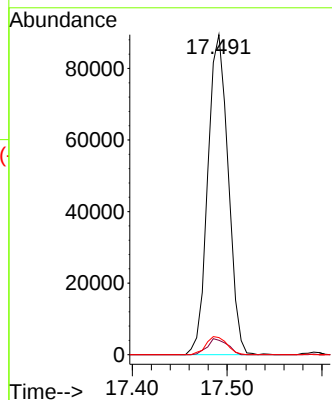
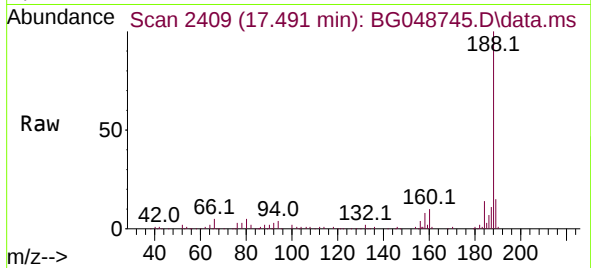




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

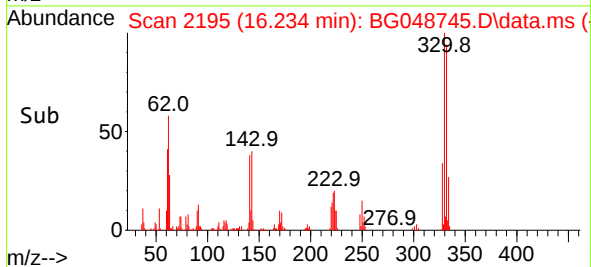
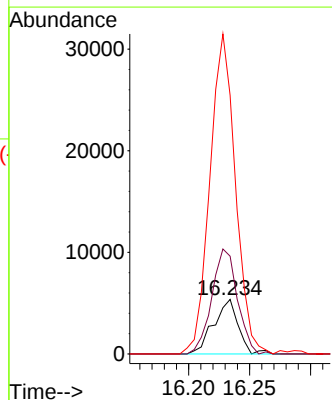
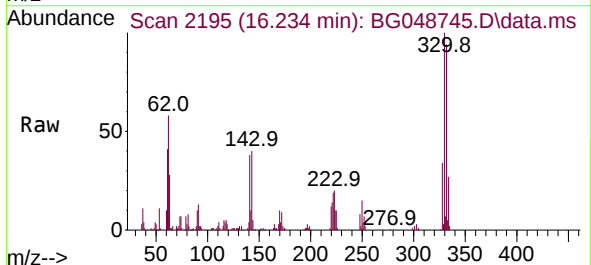
Instrument :
BNA_G
ClientSampleId :
ETGI-304

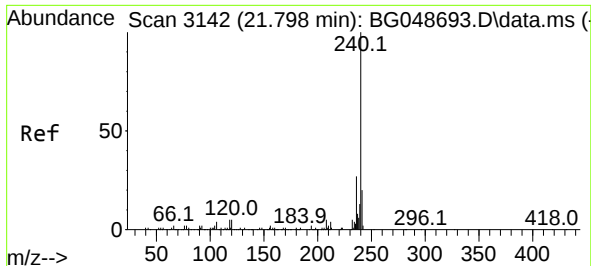
Tgt Ion:188 Resp: 133356
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.4 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.442 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion:248 Resp: 7564
Ion Ratio Lower Upper
248 100
250 179.2 76.1 114.1#
141 474.1 65.4 98.2#

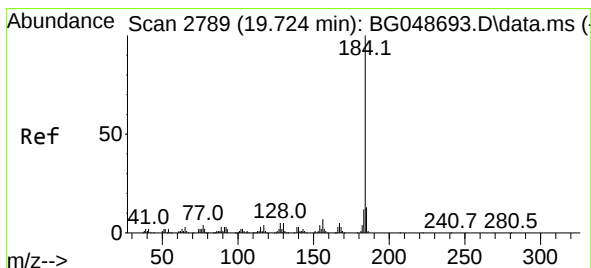
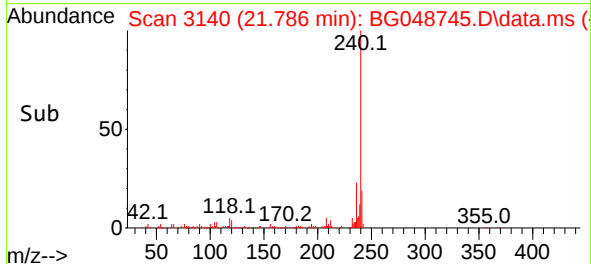
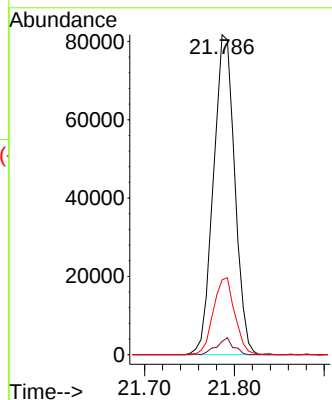
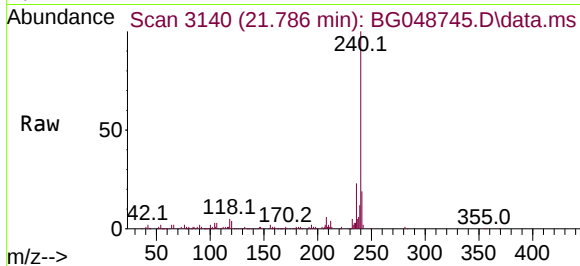




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

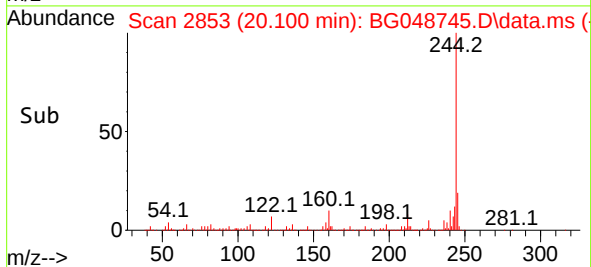
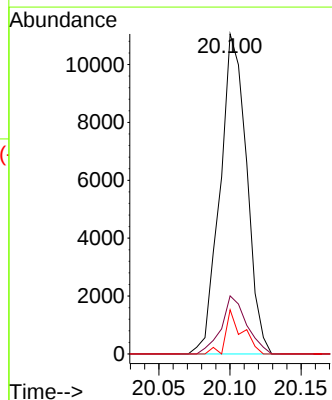
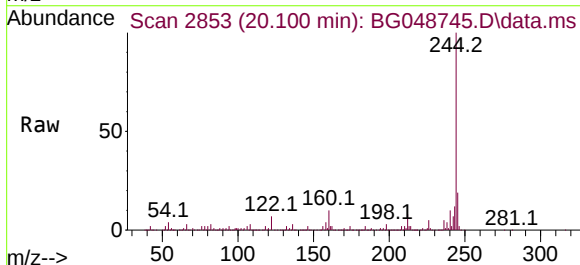
Instrument :
BNA_G
ClientSampleId :
ETGI-304

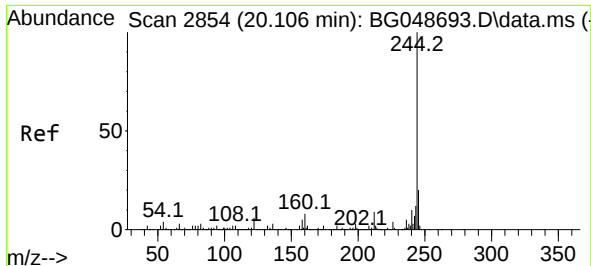
Tgt Ion:240 Resp: 134629
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2#
236 23.4 21.8 32.6



#77
Benzidine
Concen: 3.93 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048745.D
Acq: 17 Apr 2021 8:18

Tgt Ion:184 Resp: 14365
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 13.8 9.4 14.0

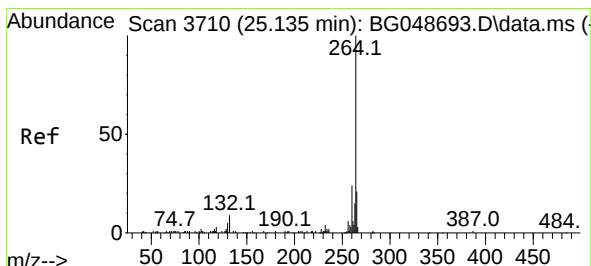
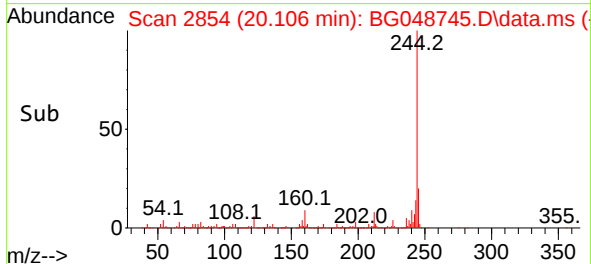
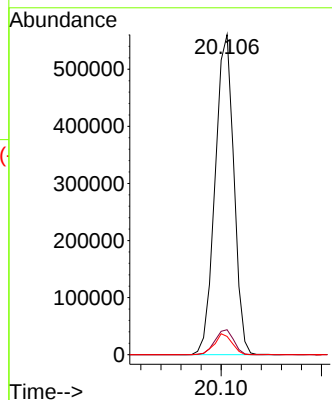
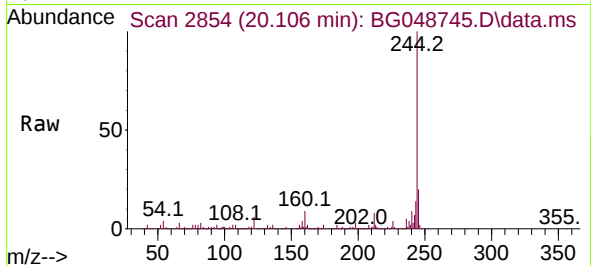




#79
 Terphenyl-d14
 Concen: 92.70 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048745.D
 Acq: 17 Apr 2021 8:18

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-304

Tgt Ion:244	Resp:	725141
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.9 10.3
122	5.7	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.013 min
 Lab File: BG048745.D
 Acq: 17 Apr 2021 8:18

Tgt Ion:264	Resp:	136879
Ion Ratio	Lower	Upper
264	100	
260	21.2	19.4 29.2
265	18.8	16.9 25.3

