

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049160.D
 Acq On : 1 Jul 2021 19:24
 Operator : CG/JU
 Sample : M2899-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-352

Quant Time: Jul 02 01:52:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

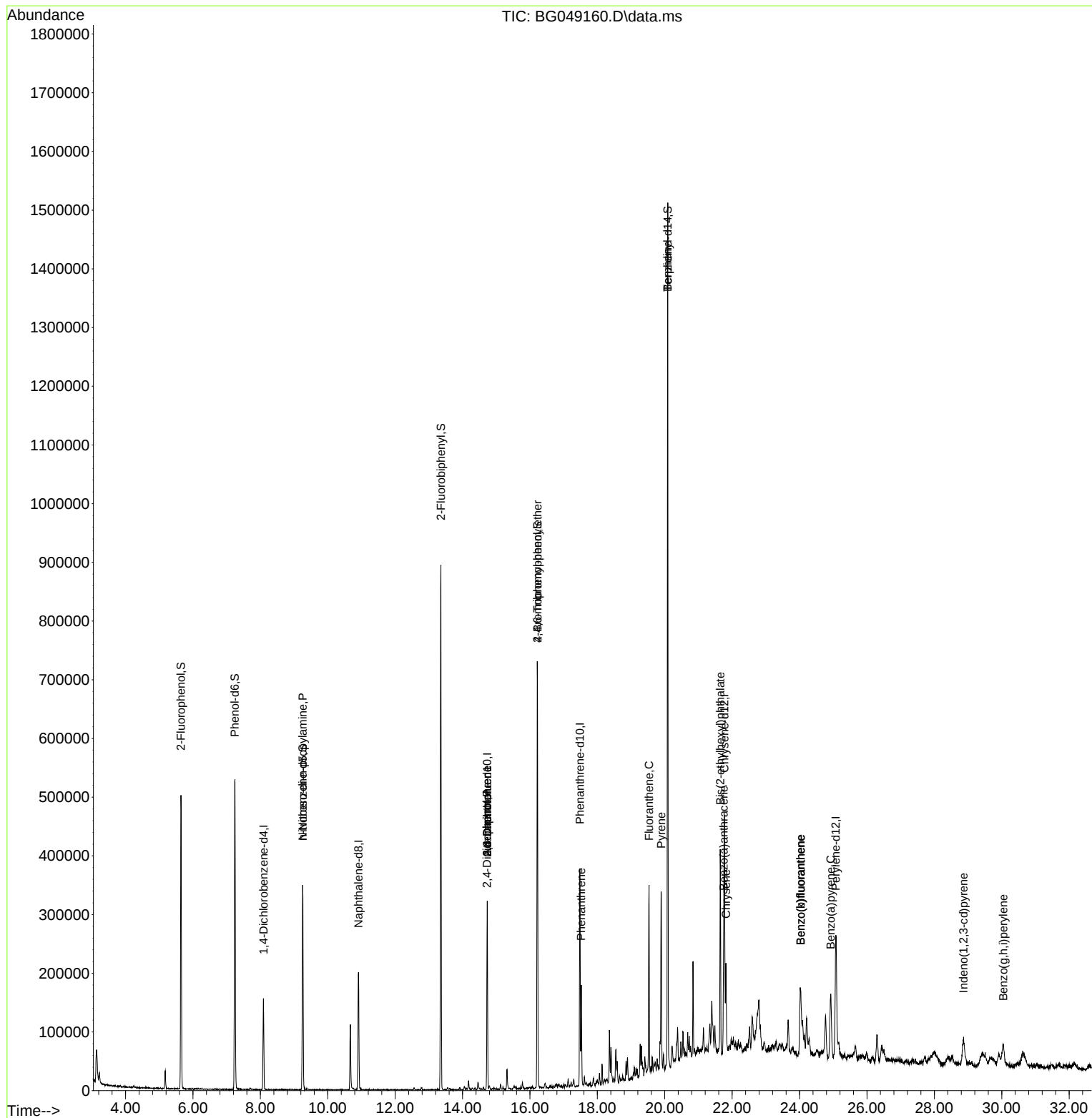
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	40266	20.00	ng	0.00
21) Naphthalene-d8	10.912	136	168555	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	115349	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	235088	20.00	ng	# 0.00
76) Chrysene-d12	21.770	240	227594	20.00	ng	0.00
86) Perylene-d12	25.078	264	234370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	201316	78.31	ng	0.00
7) Phenol-d6	7.240	99	276258	75.37	ng	0.00
23) Nitrobenzene-d5	9.255	82	211027	53.08	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	146768	73.40	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	476871	55.78	ng	0.00
79) Terphenyl-d14	20.090	244	687834	51.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	32907	12.49	ng	# 69
51) 2,6-Dinitrotoluene	14.731	165	15751	7.42	ng	# 12
54) 2,4-Dinitrophenol	14.725	184	59	5.20	ng	# 1
57) 2,4-Dinitrotoluene	14.731	165	15751	5.23	ng	# 17
67) 4-Bromophenyl-phenylether	16.224	248	8862	2.79	ng	# 1
71) Phenanthrene	17.522	178	103109	7.62	ng	95
75) Fluoranthene	19.532	202	197653	11.66	ng	97
77) Benzidine	20.090	184	13529	2.77	ng	# 88
78) Pyrene	19.896	202	199711	11.81	ng	96
81) Benzo(a)anthracene	21.747	228	102213	6.02	ng	98
83) Chrysene	21.817	228	116628	7.23	ng	97
84) Bis(2-ethylhexyl)phtha...	21.647	149	139571	15.43	ng	# 96
87) Indeno(1,2,3-cd)pyrene	28.868	276	80109	4.28	ng	98
88) Benzo(b)fluoranthene	24.032	252	162003	9.58	ng	# 98
89) Benzo(k)fluoranthene	24.032	252	162003	10.04	ng	# 96
90) Benzo(a)pyrene	24.925	252	106422	6.82	ng	99
92) Benzo(g,h,i)perylene	30.049	276	80444	5.17	ng	# 95

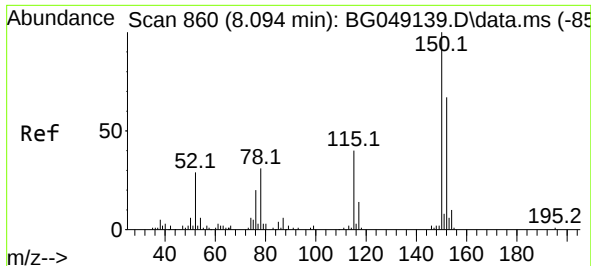
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

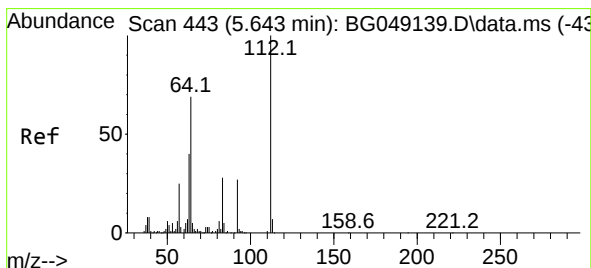
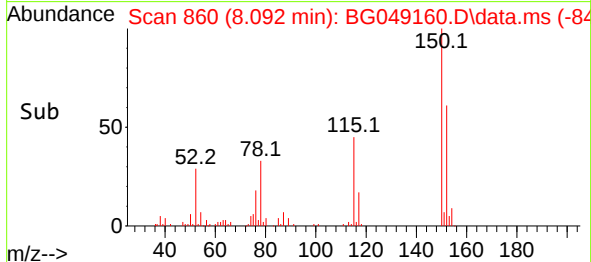
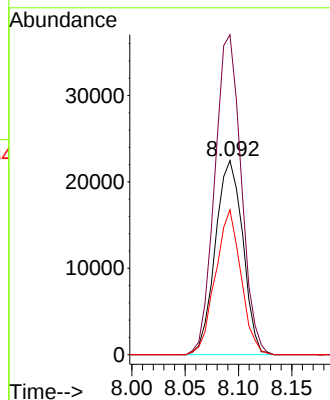
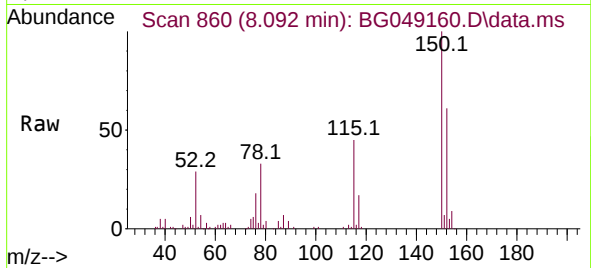




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 860
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

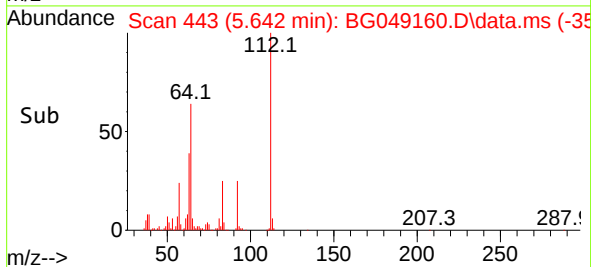
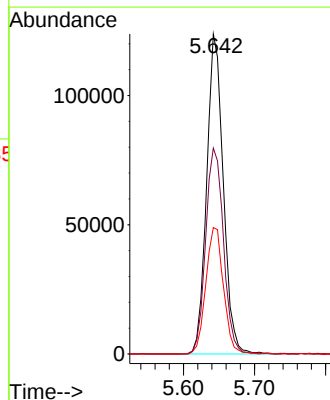
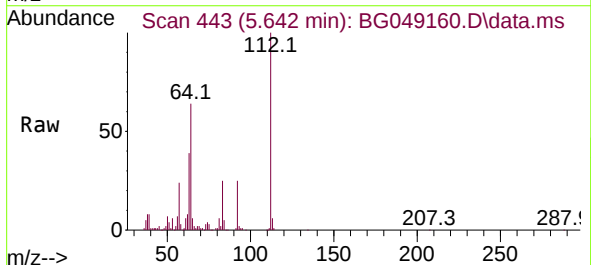
Instrument :
BNA_G
ClientSampleId :
ETGI-352

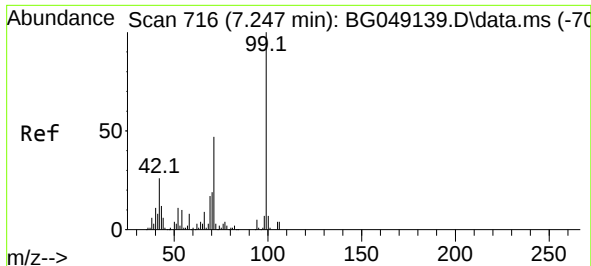
Tgt Ion:152 Resp: 40266
Ion Ratio Lower Upper
152 100
150 164.9 119.4 179.0
115 74.6 60.2 90.4



#5
2-Fluorophenol
Concen: 78.31 ng
RT: 5.642 min Scan# 443
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:112 Resp: 201316
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 39.5 35.3 52.9

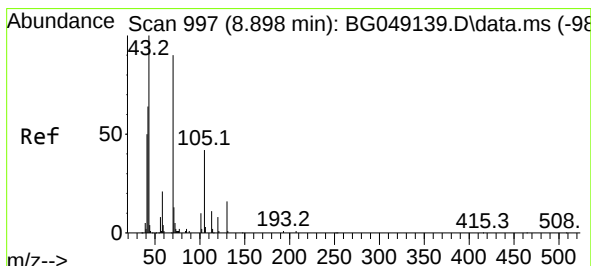
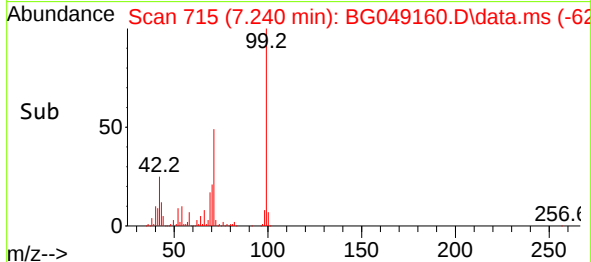
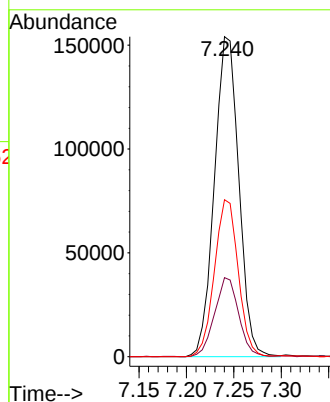
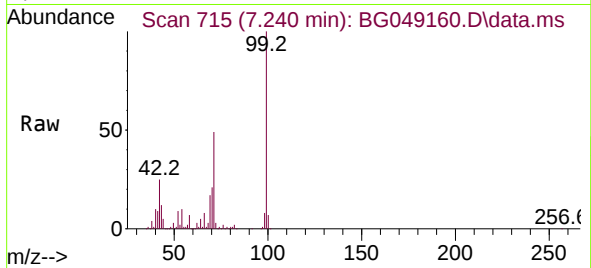




#7
Phenol-d6
Concen: 75.37 ng
RT: 7.240 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

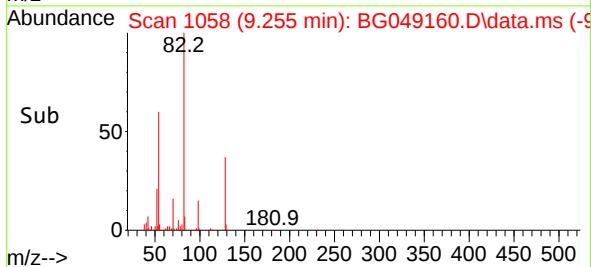
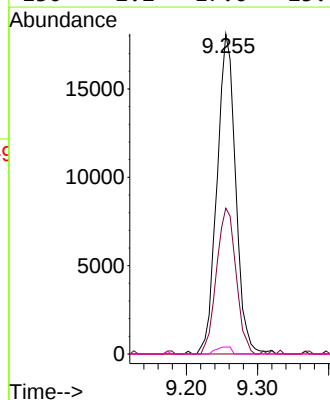
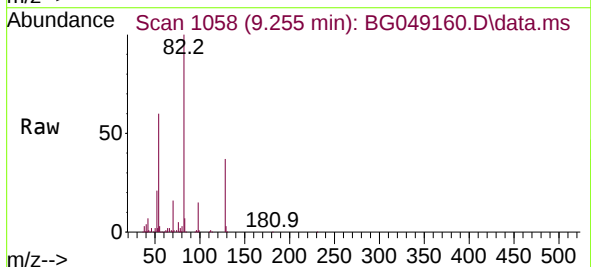
Instrument :
BNA_G
ClientSampleId :
ETGI-352

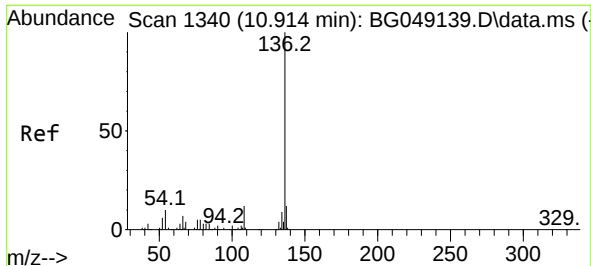
Tgt Ion: 99 Resp: 276258
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 49.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.49 ng
RT: 9.255 min Scan# 1058
Delta R.T. 0.357 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

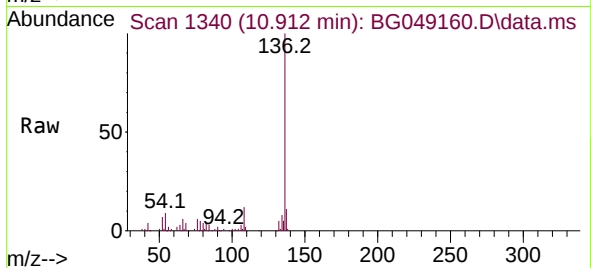
Tgt Ion: 70 Resp: 32907
Ion Ratio Lower Upper
70 100
42 45.6 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#



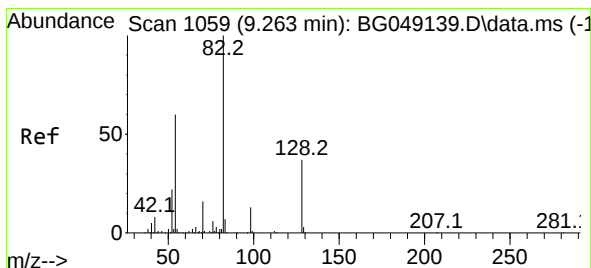
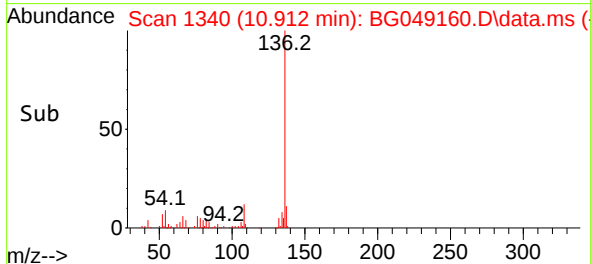
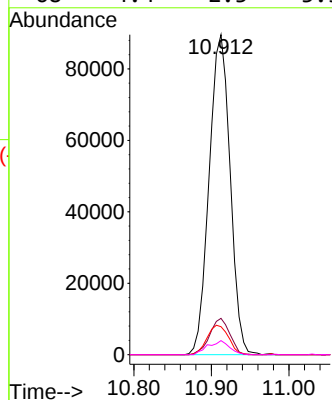


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Instrument :
BNA_G
ClientSampleId :
ETGI-352

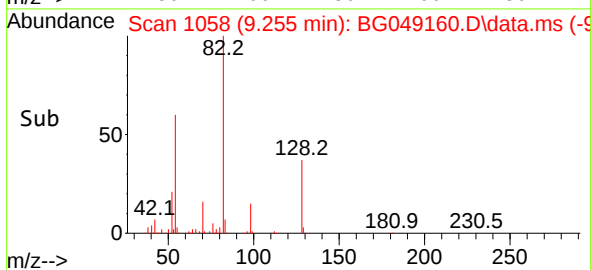
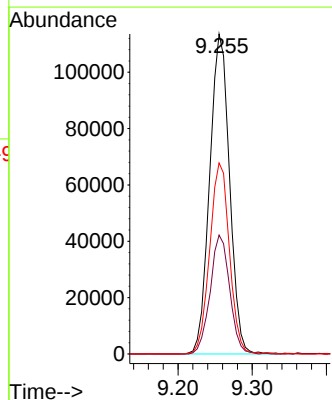
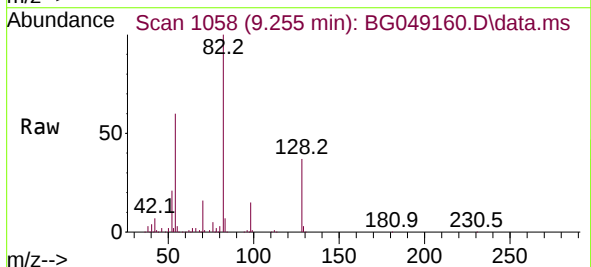


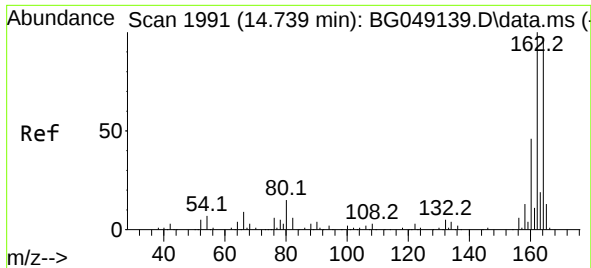
Tgt Ion:136	Resp:	168555
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.2 12.2
54	8.7	5.5 8.3#
68	4.4	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 53.08 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion: 82	Resp:	211027
Ion Ratio	Lower	Upper
82	100	
128	37.2	29.8 44.6
54	59.7	45.8 68.8

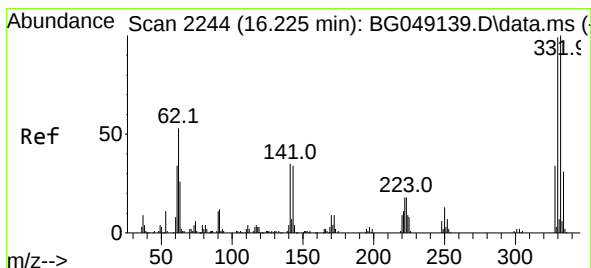
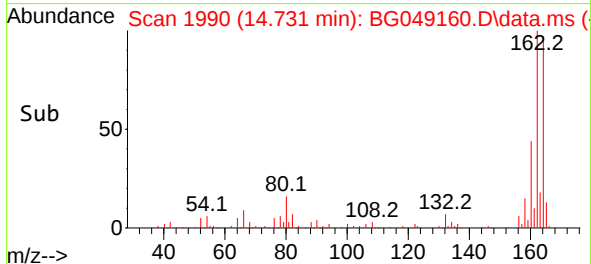
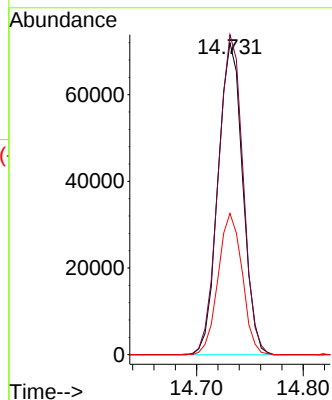
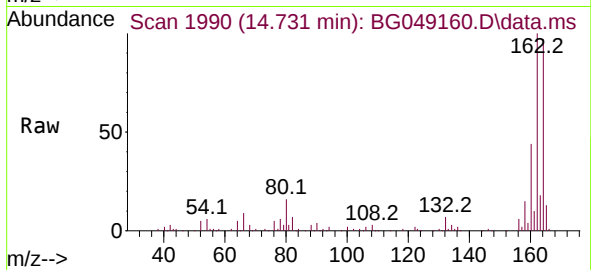




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.008 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

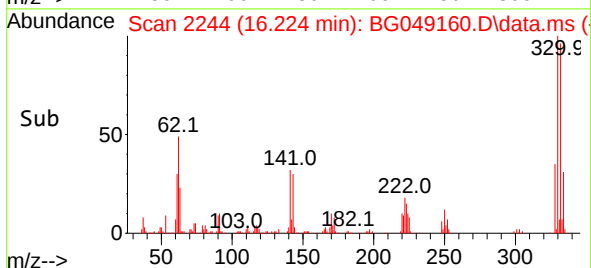
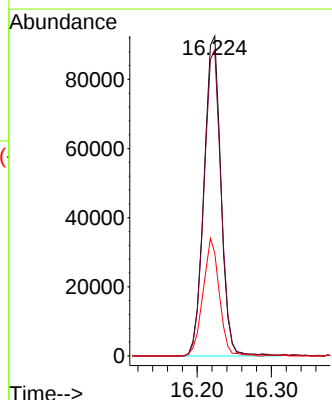
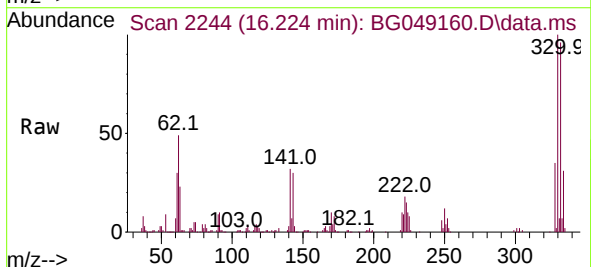
Instrument :
BNA_G
ClientSampleId :
ETGI-352

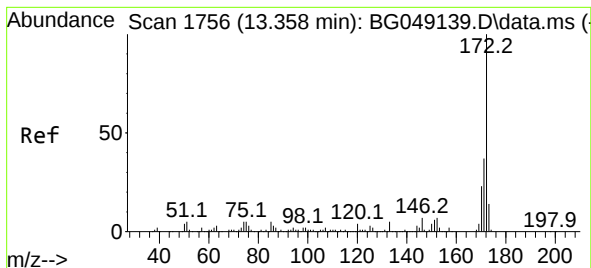
Tgt Ion:164 Resp: 115349
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 45.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 73.40 ng
RT: 16.224 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:330 Resp: 146768
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 35.4 35.6 53.4#

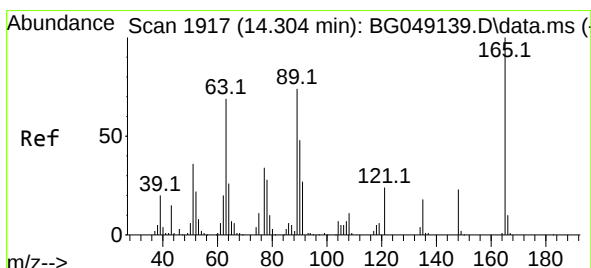
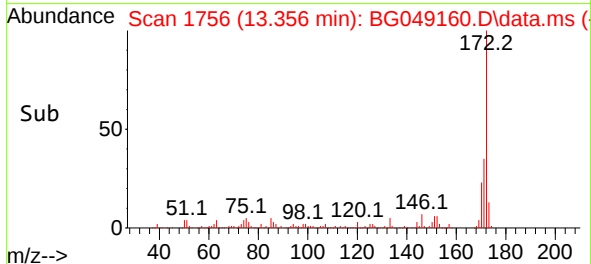
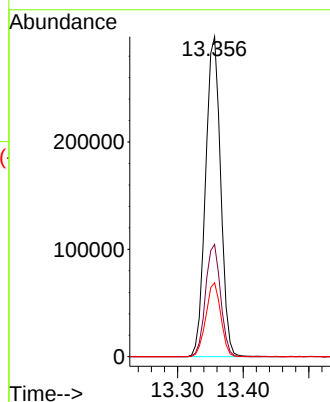
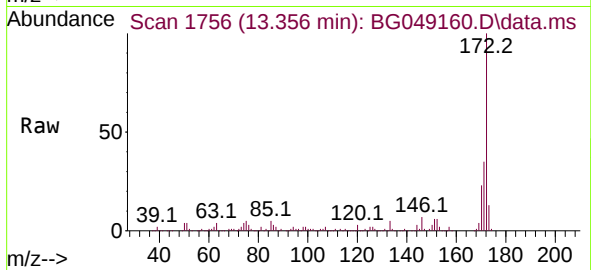




#45
2-Fluorobiphenyl
Concen: 55.78 ng
RT: 13.356 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

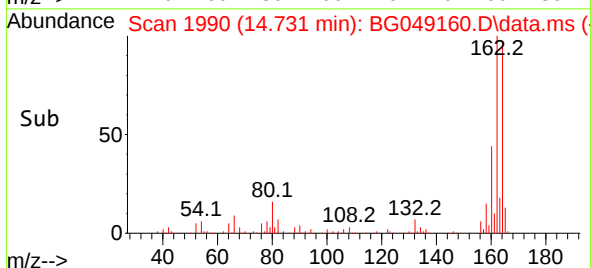
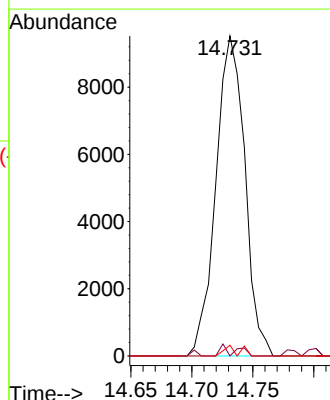
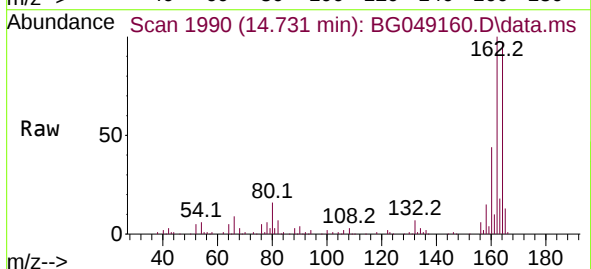
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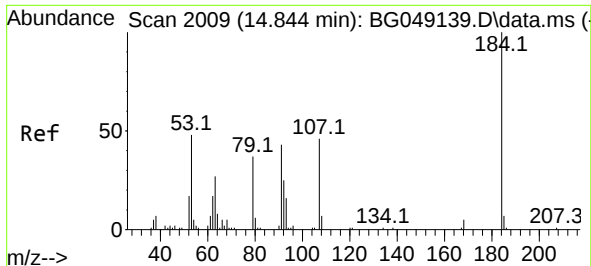
Tgt Ion:172 Resp: 476871
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 14.731 min Scan# 1990
Delta R.T. 0.427 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:165 Resp: 15751
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.3 63.4 95.0#

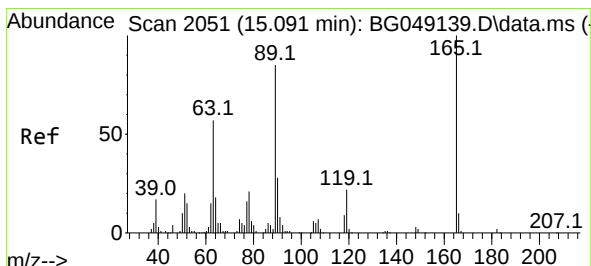
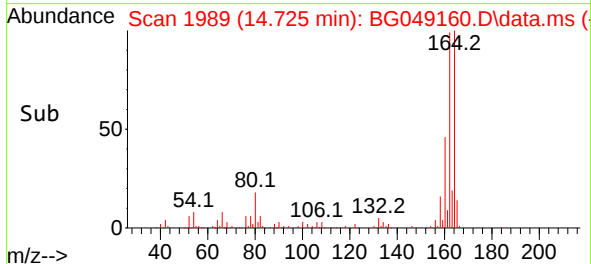
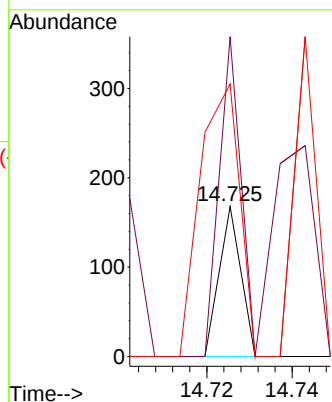
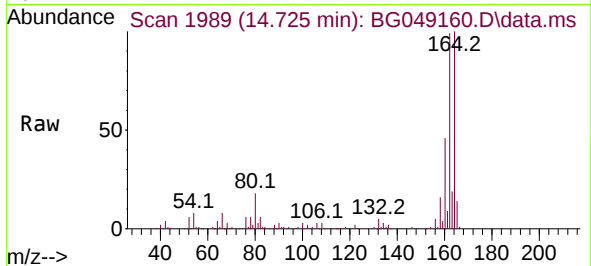




#54
2,4-Dinitrophenol
Concen: 5.20 ng
RT: 14.725 min Scan# 1989
Delta R.T. -0.119 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

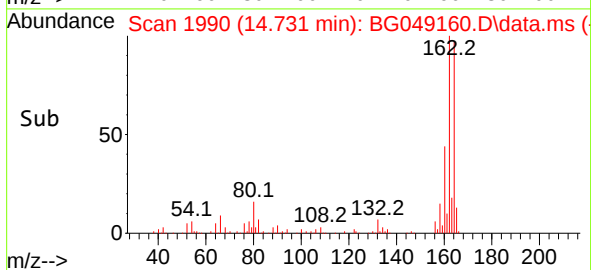
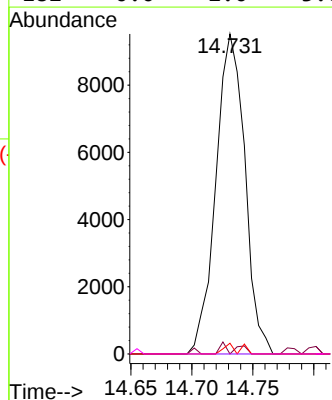
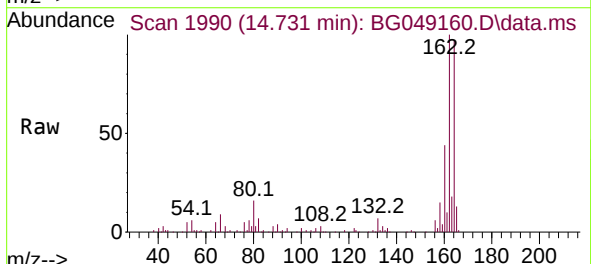
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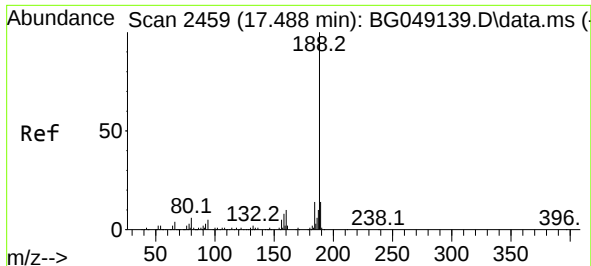
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 213.1 68.3 102.5#
154 181.5 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.23 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.360 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:165 Resp: 15751
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.3 65.4 98.0#
182 0.0 2.0 3.0#

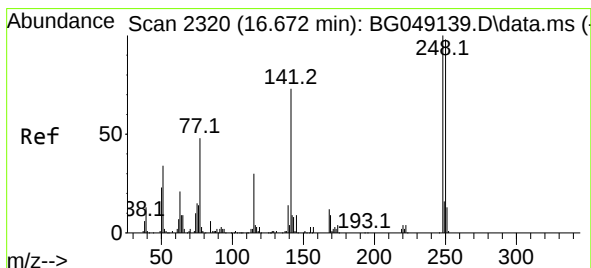
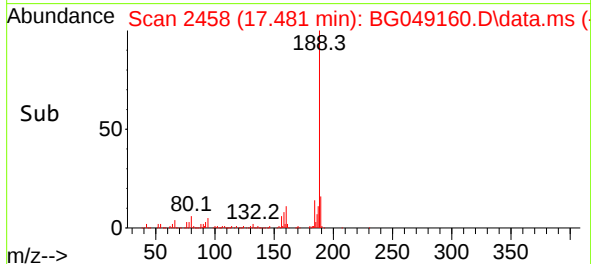
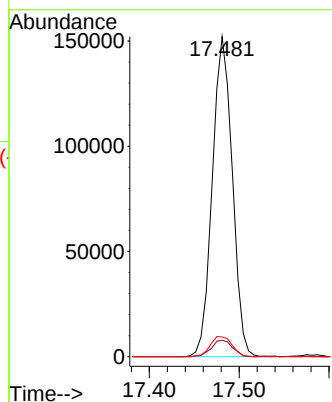
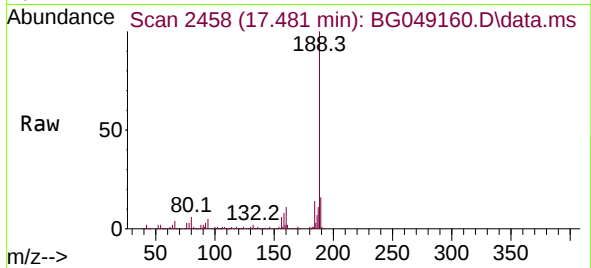




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2458
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

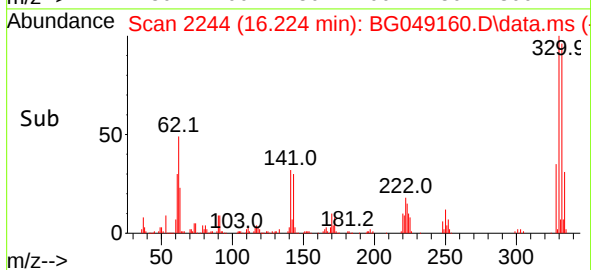
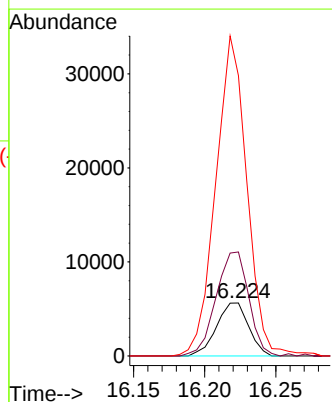
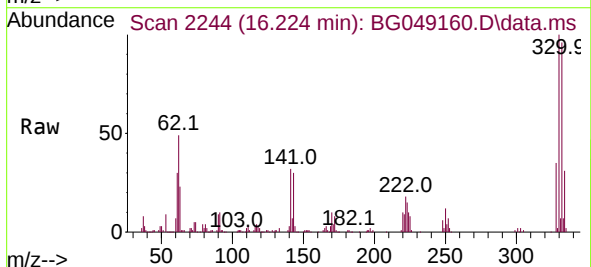
Instrument :
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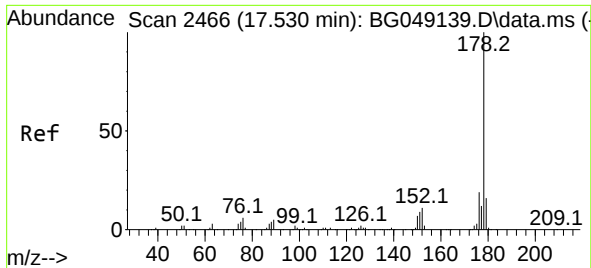
Tgt Ion:188 Resp: 235088
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 16.224 min Scan# 2244
Delta R.T. -0.448 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:248 Resp: 8862
Ion Ratio Lower Upper
248 100
250 196.2 76.1 114.1#
141 528.6 65.4 98.2#

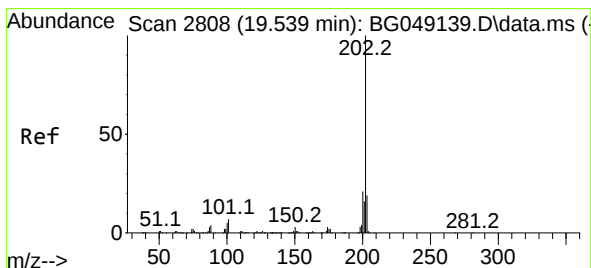
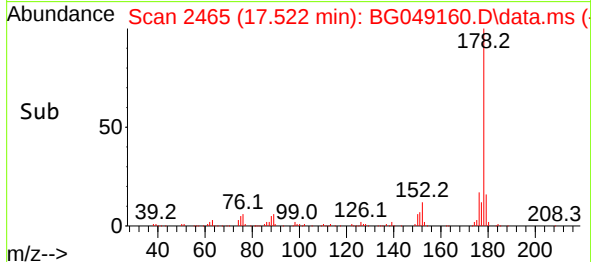
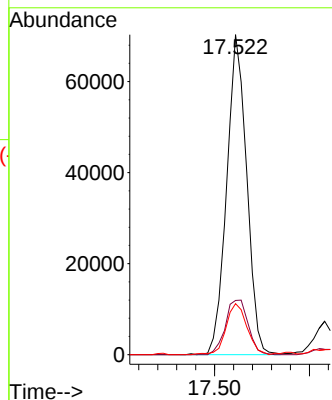
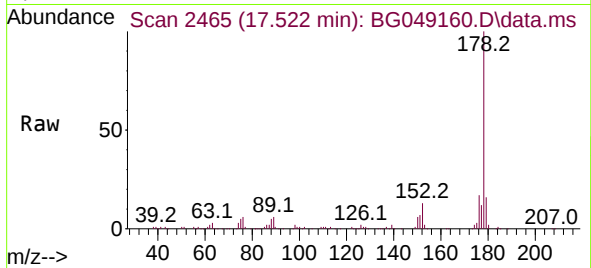




#71
Phenanthrene
Concen: 7.62 ng
RT: 17.522 min Scan# 2465
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

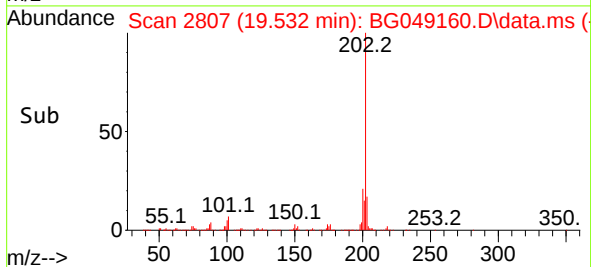
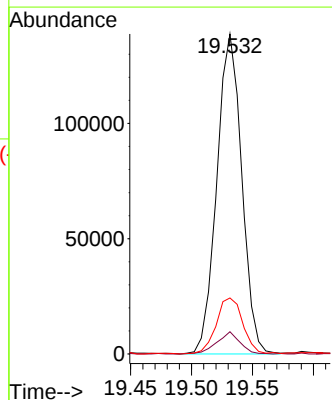
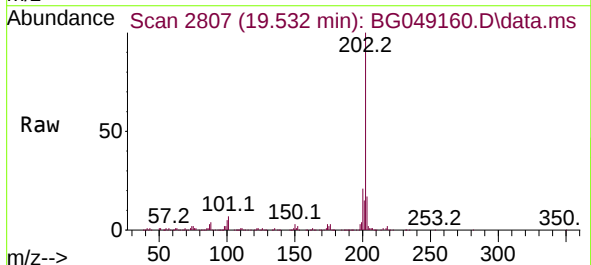
Instrument :
BNA_G
ClientSampleId :
ETGI-352

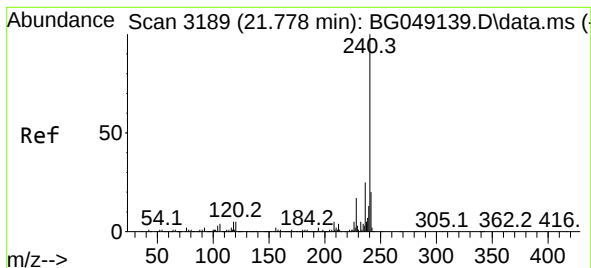
Tgt Ion:178 Resp: 103109
Ion Ratio Lower Upper
178 100
176 17.0 16.0 24.0
179 15.9 14.2 21.4



#75
Fluoranthene
Concen: 11.66 ng
RT: 19.532 min Scan# 2807
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:202 Resp: 197653
Ion Ratio Lower Upper
202 100
101 7.0 0.0 24.7
203 17.5 0.0 38.5

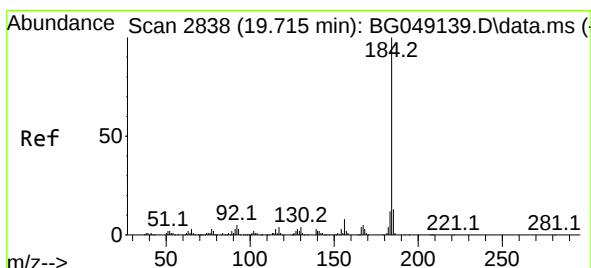
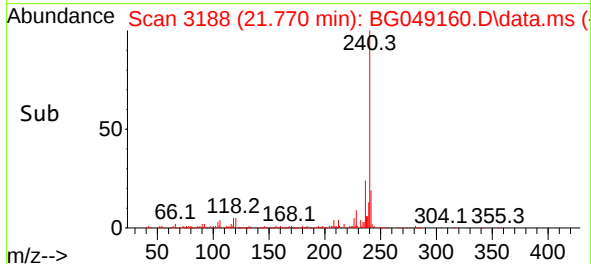
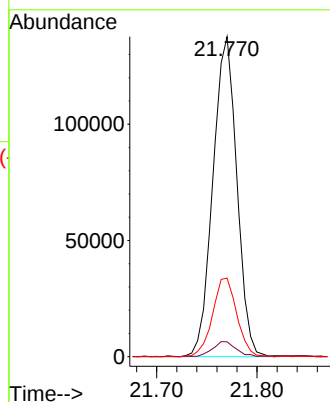
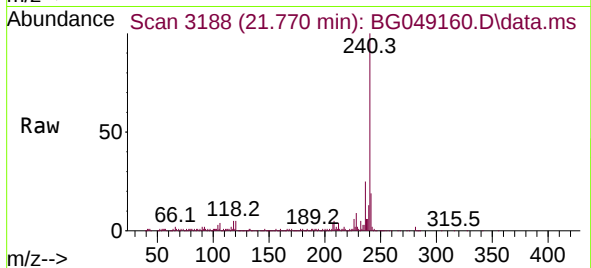




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.770 min Scan# 3188
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

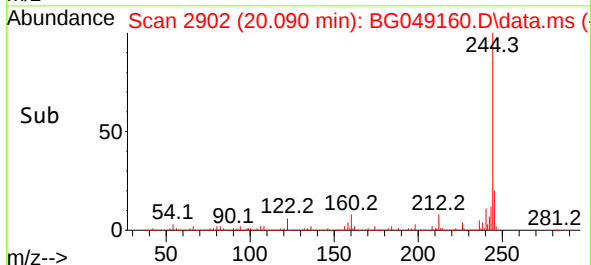
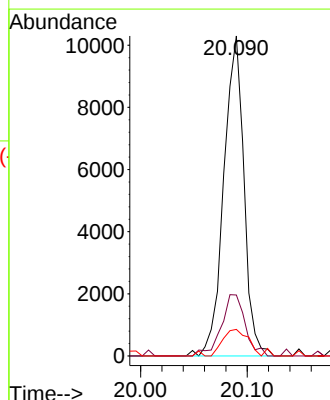
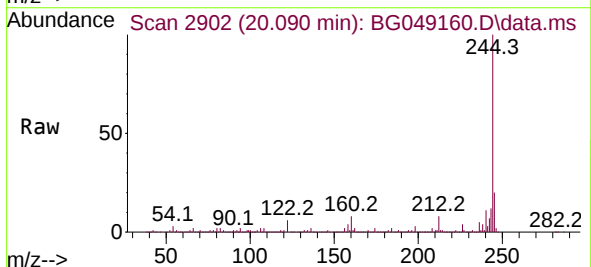
Instrument :
BNA_G
ClientSampleId :
ETGI-352

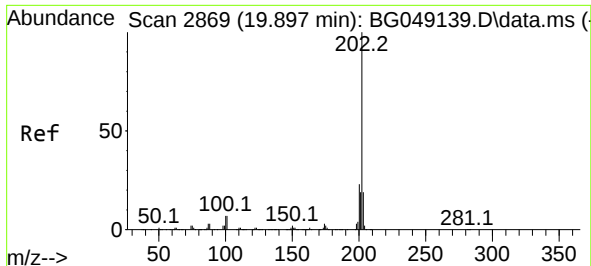
Tgt Ion:240 Resp: 227594
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 24.5 21.8 32.6



#77
Benzidine
Concen: 2.77 ng
RT: 20.090 min Scan# 2902
Delta R.T. 0.375 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:184 Resp: 13529
Ion Ratio Lower Upper
184 100
185 19.1 10.7 16.1#
183 8.3 9.4 14.0#

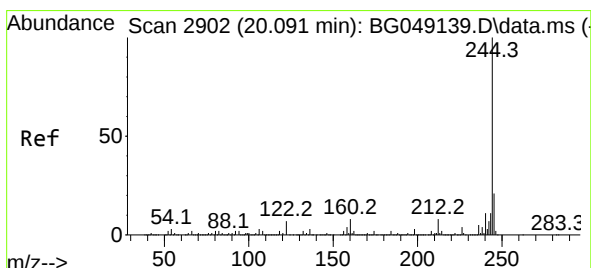
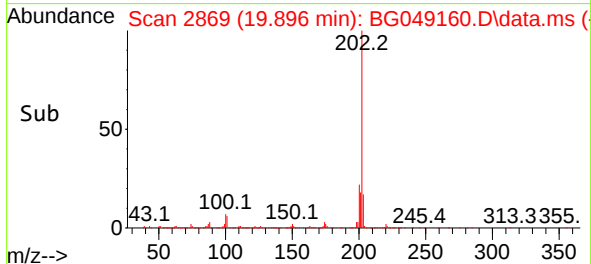
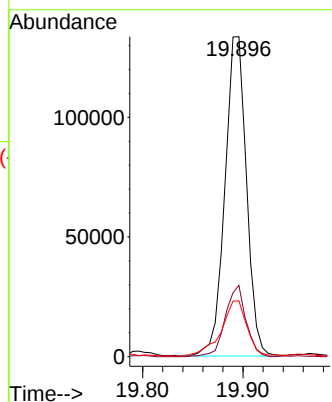
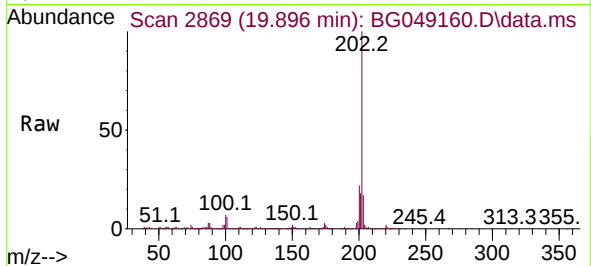




#78
Pyrene
Concen: 11.81 ng
RT: 19.896 min Scan# 2869
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

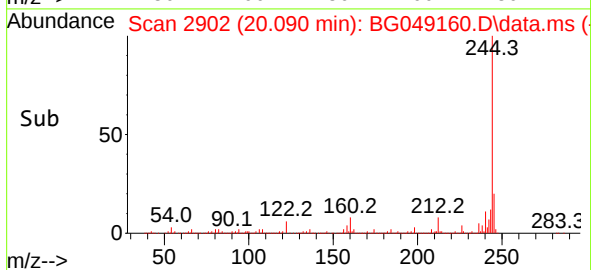
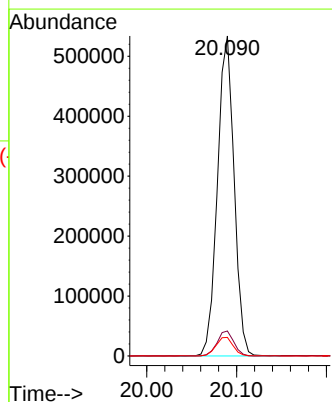
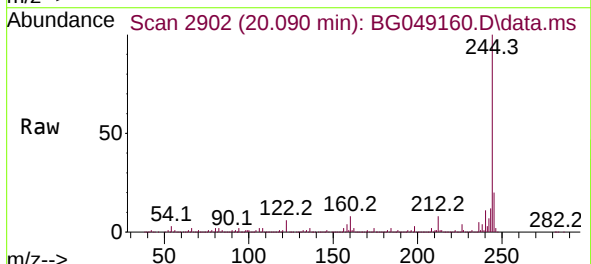
Instrument :
BNA_G
ClientSampleId :
ETGI-352

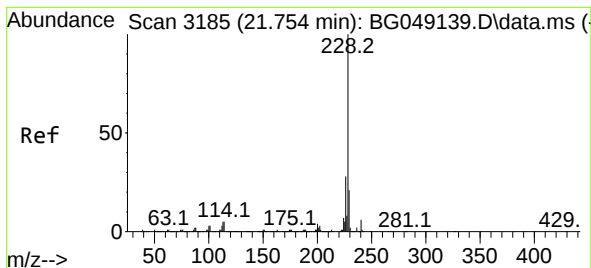
Tgt Ion:202 Resp: 199711
Ion Ratio Lower Upper
202 100
200 22.2 15.8 23.8
203 17.5 14.6 21.8



#79
Terphenyl-d14
Concen: 51.21 ng
RT: 20.090 min Scan# 2902
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:244 Resp: 687834
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 5.8 5.0 7.6

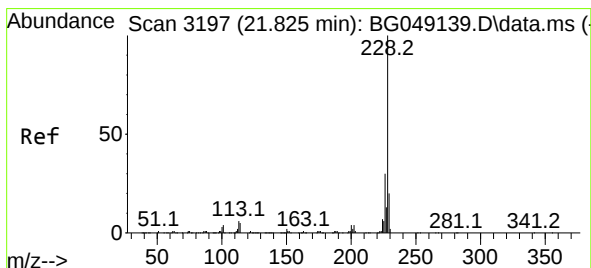
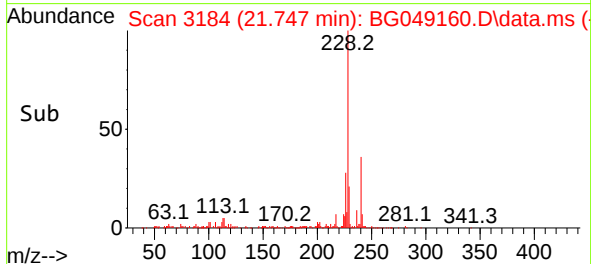
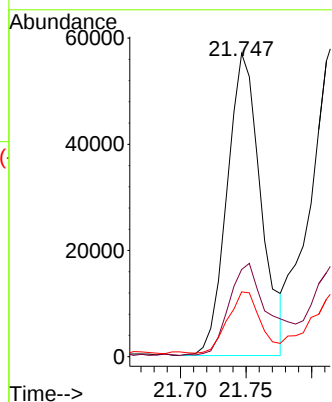
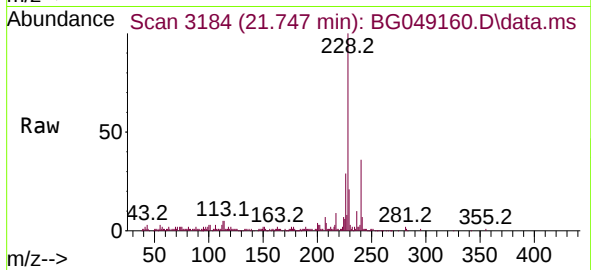




#81
Benzo(a)anthracene
Concen: 6.02 ng
RT: 21.747 min Scan# 3184
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

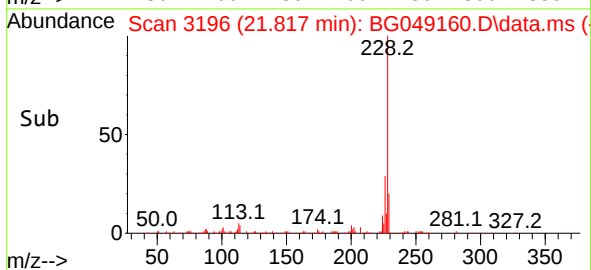
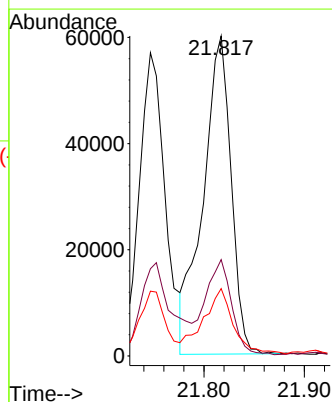
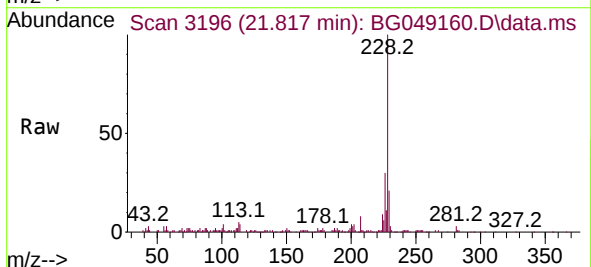
Instrument :
BNA_G
ClientSampleId :
ETGI-352

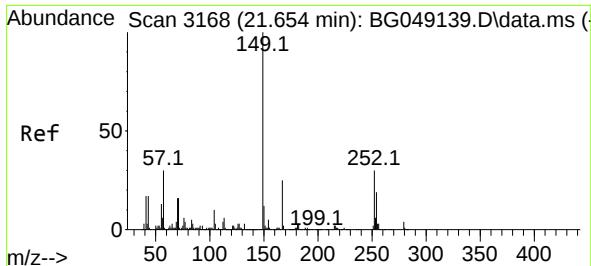
Tgt Ion:228 Resp: 102213
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.4 16.0 24.0



#83
Chrysene
Concen: 7.23 ng
RT: 21.817 min Scan# 3196
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:228 Resp: 116628
Ion Ratio Lower Upper
228 100
226 30.1 23.1 34.7
229 21.1 15.3 22.9

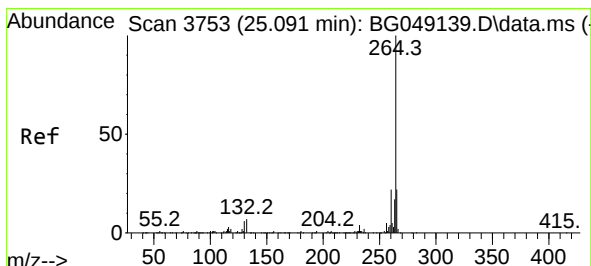
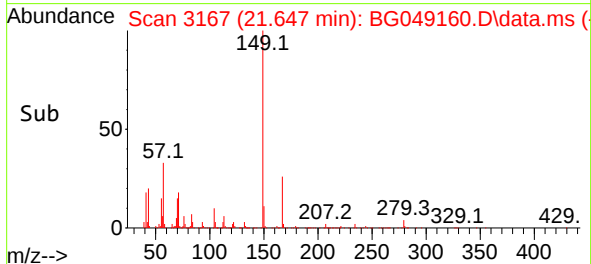
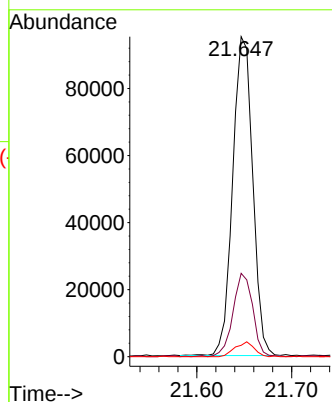
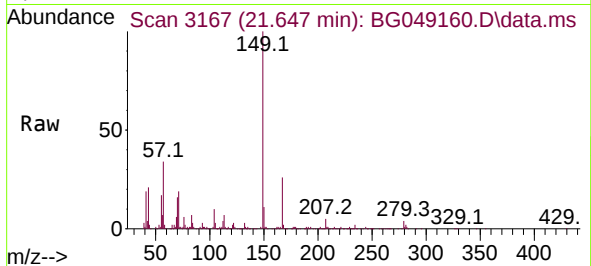




#84
Bis(2-ethylhexyl)phthalate
Concen: 15.43 ng
RT: 21.647 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

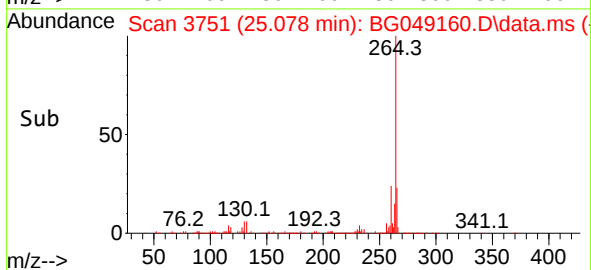
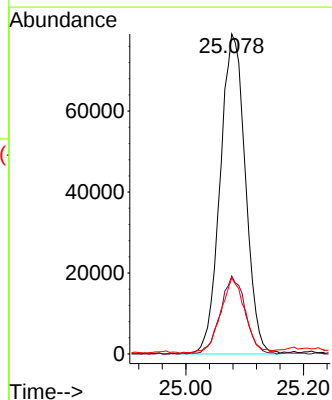
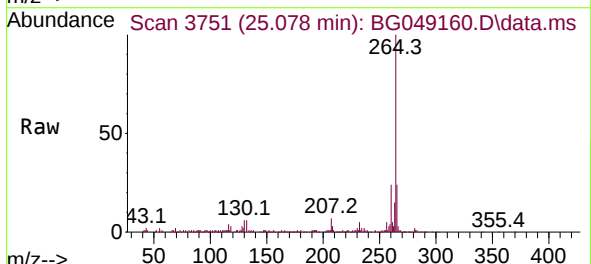
Instrument :
BNA_G
ClientSampleId :
ETGI-352

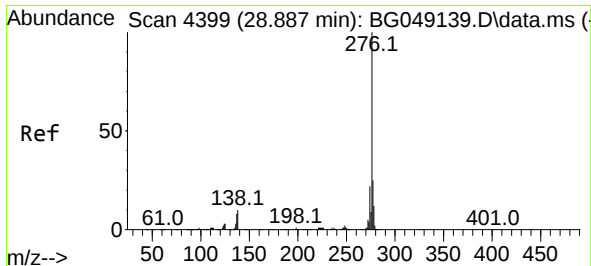
Tgt Ion:149 Resp: 139571
Ion Ratio Lower Upper
149 100
167 26.0 22.3 33.5
279 3.5 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.078 min Scan# 3751
Delta R.T. -0.013 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:264 Resp: 234370
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.7 16.9 25.3

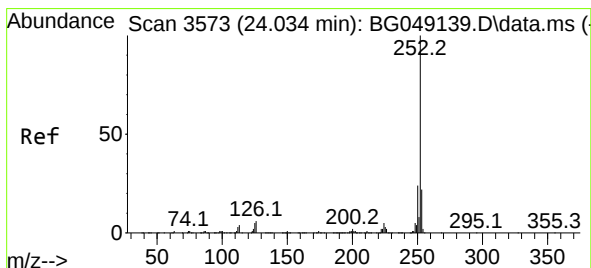
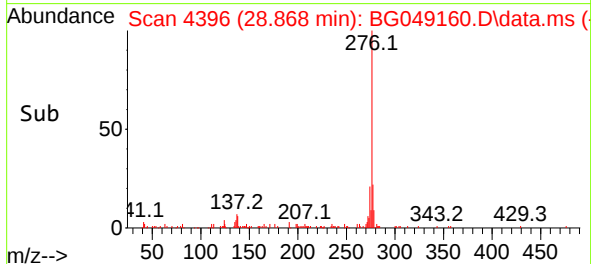
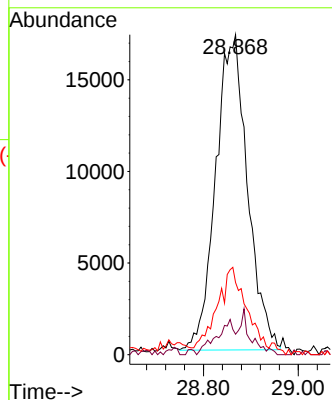
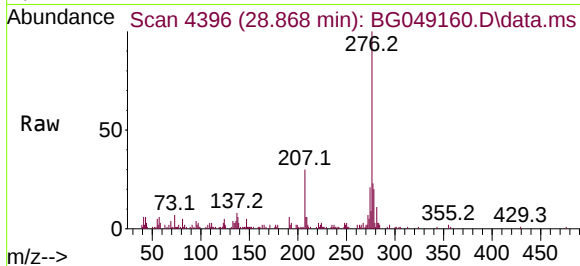




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.28 ng
RT: 28.868 min Scan# 4396
Delta R.T. -0.019 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

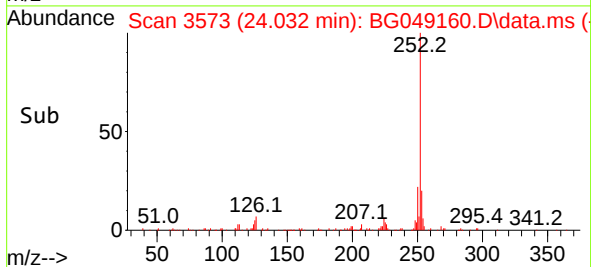
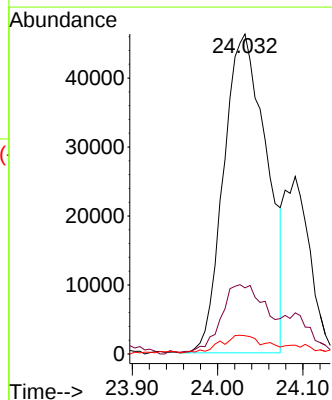
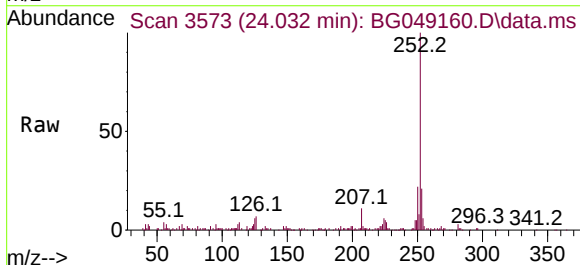
Instrument :
BNA_G
ClientSampleId :
ETGI-352

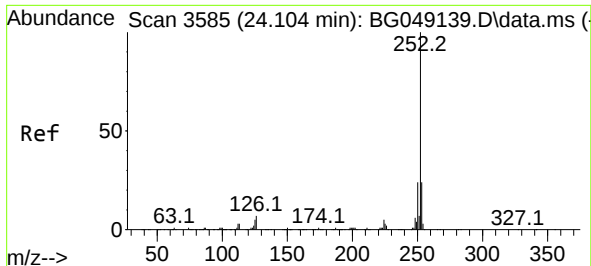
Tgt Ion:276 Resp: 80109
Ion Ratio Lower Upper
276 100
138 6.2 5.1 7.7
277 23.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 9.58 ng
RT: 24.032 min Scan# 3573
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion:252 Resp: 162003
Ion Ratio Lower Upper
252 100
253 20.7 16.2 24.4
125 5.7 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 10.04 ng

RT: 24.032 min Scan# 3573

Delta R.T. -0.072 min

Lab File: BG049160.D

Acq: 1 Jul 2021 19:24

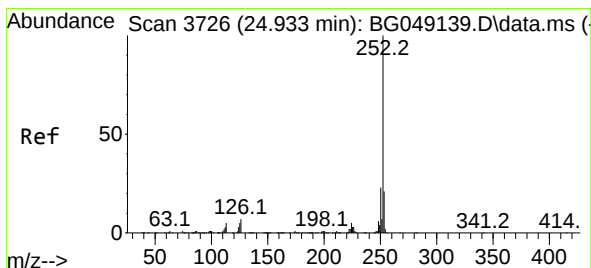
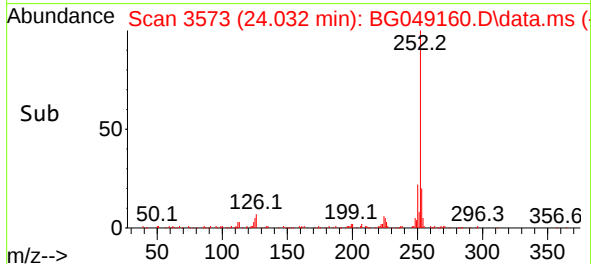
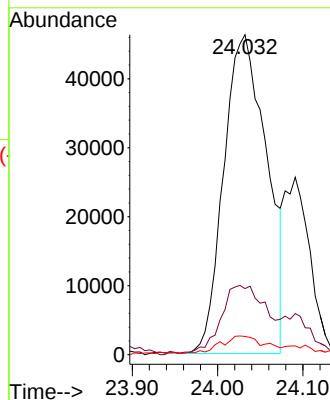
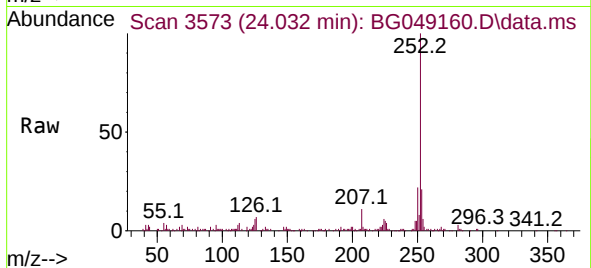
Instrument :

BNA_G

ClientSampleId :

ETGI-352

Tgt Ion:252	Resp: 162003
Ion Ratio	Lower Upper
252	100
253	20.7 18.0 27.0
125	5.7 3.1 4.7#



#90

Benzo(a)pyrene

Concen: 6.82 ng

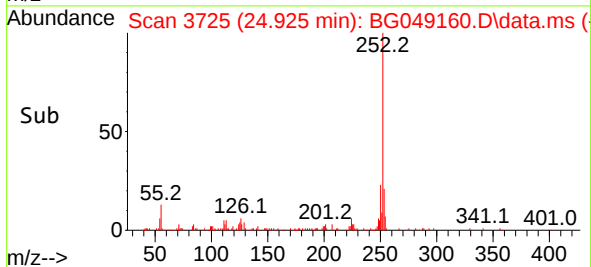
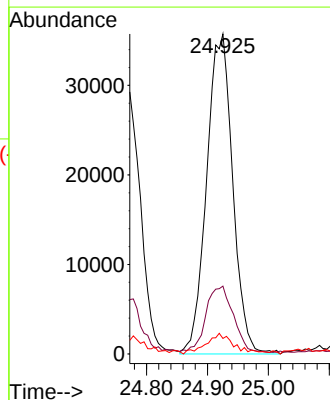
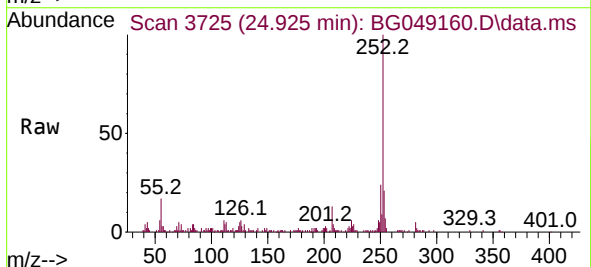
RT: 24.925 min Scan# 3725

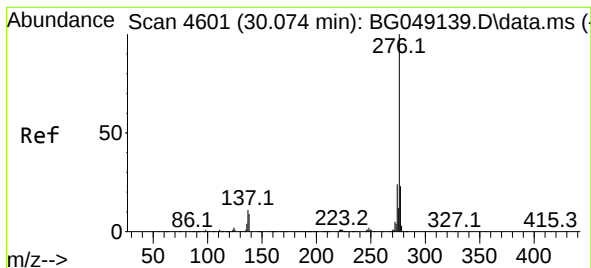
Delta R.T. -0.007 min

Lab File: BG049160.D

Acq: 1 Jul 2021 19:24

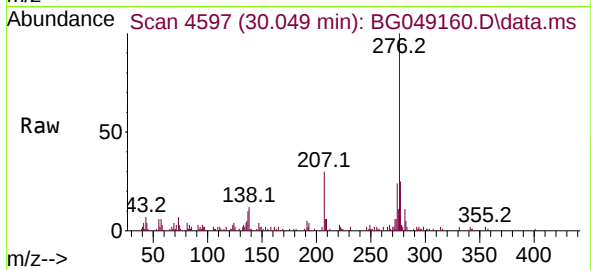
Tgt Ion:252	Resp: 106422
Ion Ratio	Lower Upper
252	100
253	21.2 16.6 25.0
125	4.8 3.5 5.3





#92
 Benzo(g,h,i)perylene
 Concen: 5.17 ng
 RT: 30.049 min Scan# 4597
 Delta R.T. -0.025 min
 Lab File: BG049160.D
 Acq: 1 Jul 2021 19:24

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-352



Tgt Ion:276 Resp: 80444
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.4 27.6
 138 11.8 7.0 10.6#

