

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048955.D
 Acq On : 14 Jun 2021 18:52
 Operator : CG/JU
 Sample : M2678-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0239-AMND-COMP-D(CL-01A)

Quant Time: Jun 15 01:13:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

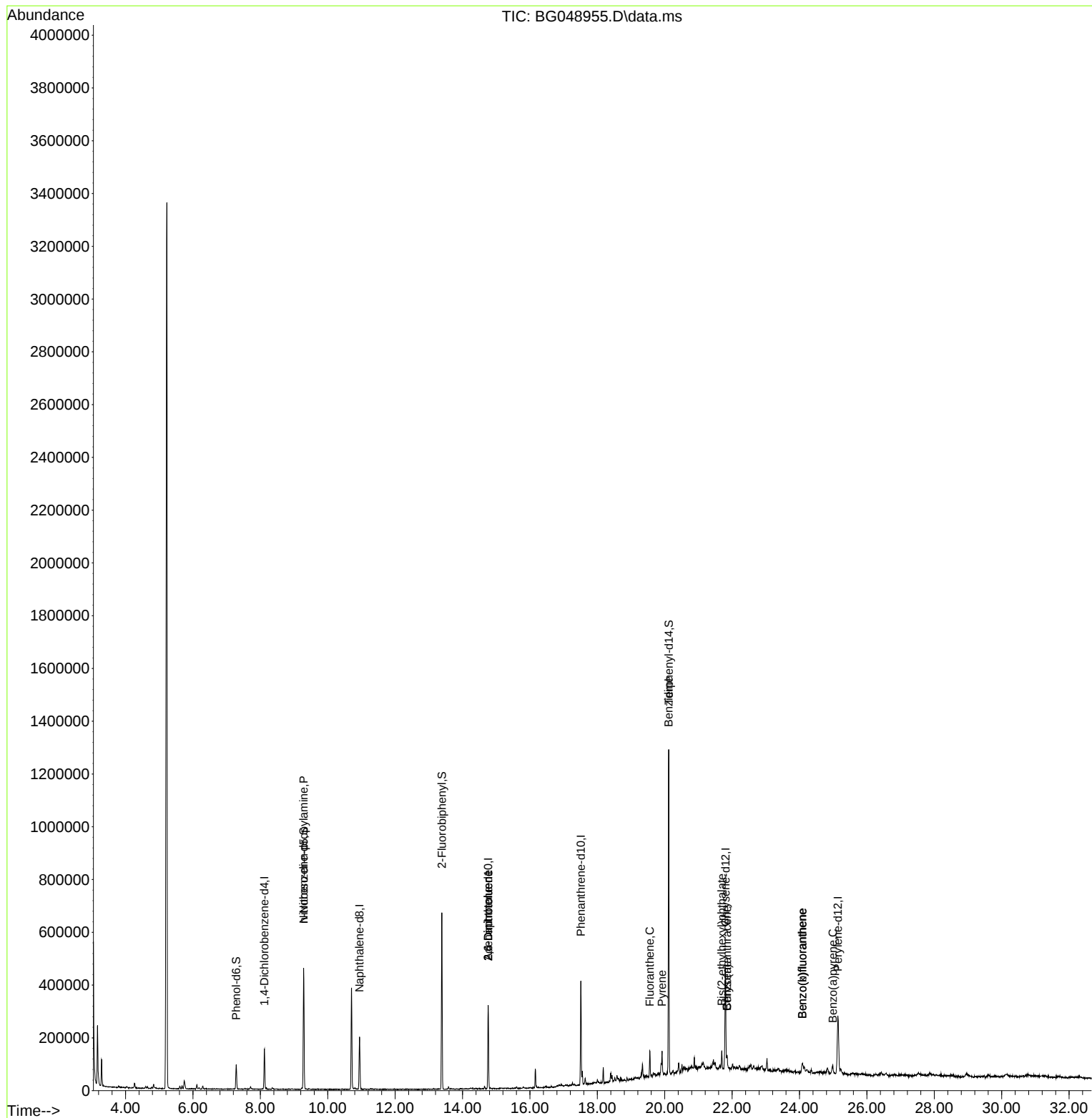
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	38812	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	159224	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	112992	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	248529	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	236770	20.00	ng	-0.01
86) Perylene-d12	25.138	264	248838	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	4198	1.68	ng	0.01
7) Phenol-d6	7.283	99	48358	12.94	ng	0.02
23) Nitrobenzene-d5	9.286	82	270198	73.17	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	106	0.06	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	338544	42.33	ng	0.00
79) Terphenyl-d14	20.120	244	574269	44.42	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	40639	13.91	ng	# 72
51) 2,6-Dinitrotoluene	14.762	165	15363	8.57	ng	# 10
57) 2,4-Dinitrotoluene	14.762	165	15363	6.98	ng	# 15
75) Fluoranthene	19.556	202	60197	3.57	ng	97
77) Benzidine	20.115	184	11551	2.42	ng	# 93
78) Pyrene	19.921	202	56504	3.29	ng	98
81) Benzo(a)anthracene	21.848	228	36737	2.16	ng	97
83) Chrysene	21.848	228	36737	2.25	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.695	149	25749	2.79	ng	96
88) Benzo(b)fluoranthene	24.086	252	45459	2.56	ng	# 89
89) Benzo(k)fluoranthene	24.086	252	45459	2.70	ng	# 93
90) Benzo(a)pyrene	24.985	252	36789	2.27	ng	# 97

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

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QLast Update : Fri Jun 11 16:03:10 2021
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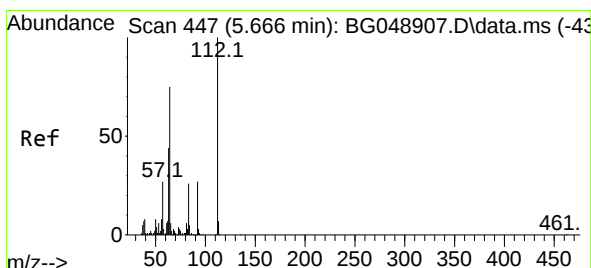
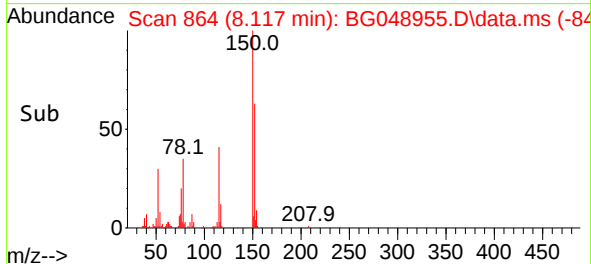
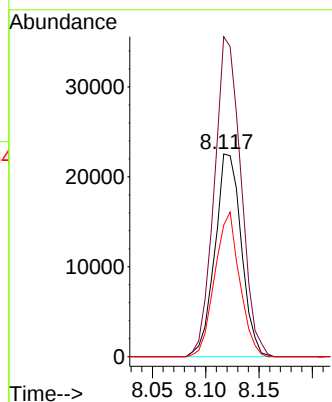
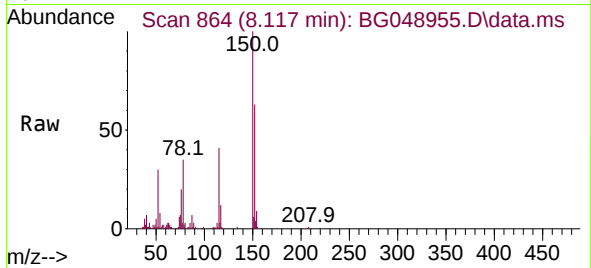




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

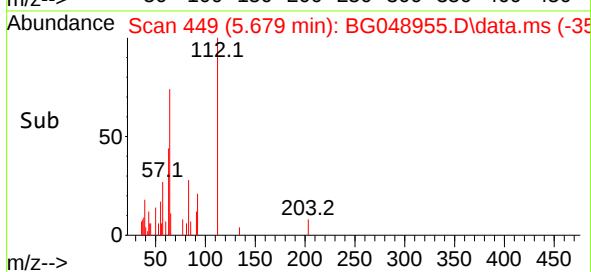
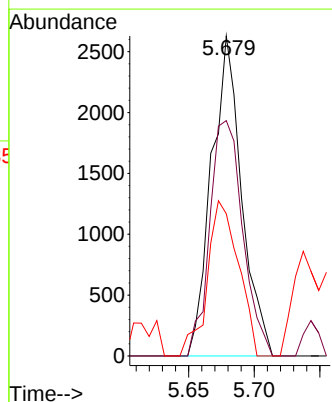
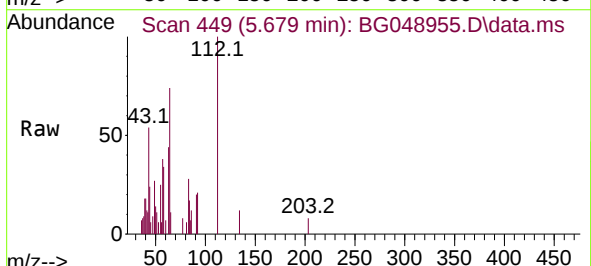
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

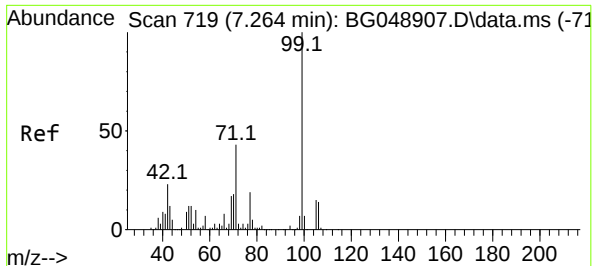
Tgt Ion:152 Resp: 38812
Ion Ratio Lower Upper
152 100
150 157.8 119.4 179.0
115 64.9 60.2 90.4



#5
2-Fluorophenol
Concen: 1.68 ng
RT: 5.679 min Scan# 449
Delta R.T. 0.013 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:112 Resp: 4198
Ion Ratio Lower Upper
112 100
64 73.5 46.7 70.1#
63 44.5 35.3 52.9

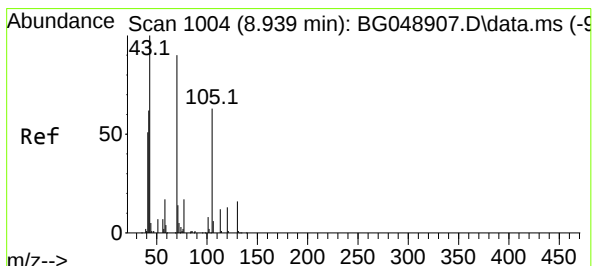
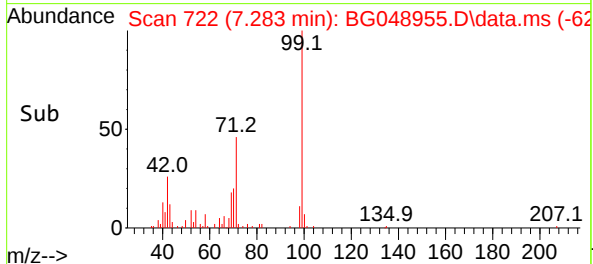
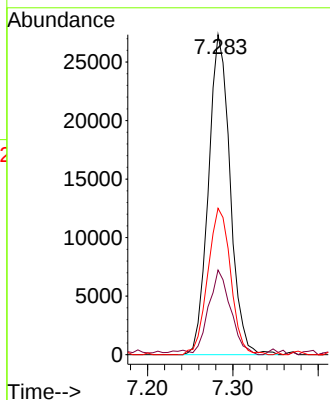
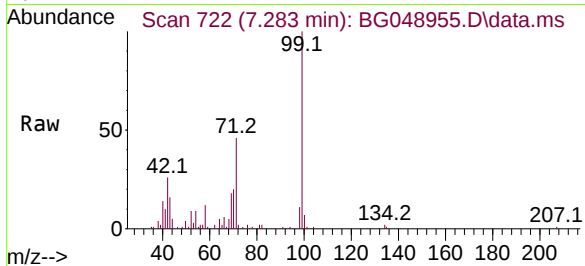




#7
Phenol-d6
Concen: 12.94 ng
RT: 7.283 min Scan# 722
Delta R.T. 0.019 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

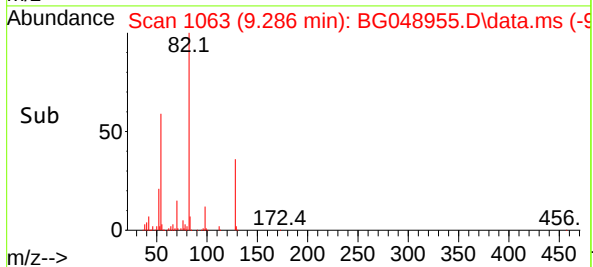
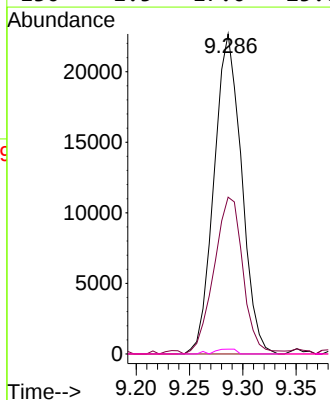
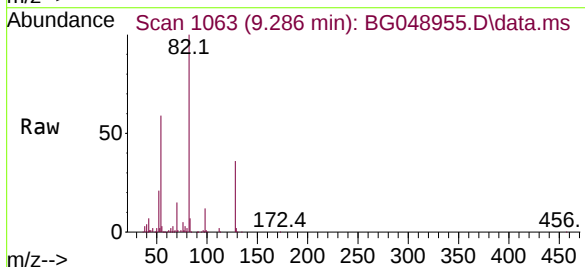
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 48358
Ion Ratio Lower Upper
99 100
42 26.5 20.5 30.7
71 45.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion: 70 Resp: 40639
Ion Ratio Lower Upper
70 100
42 49.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

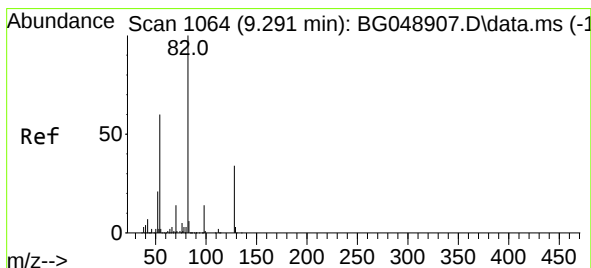
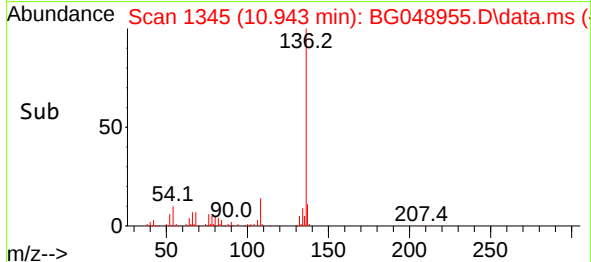
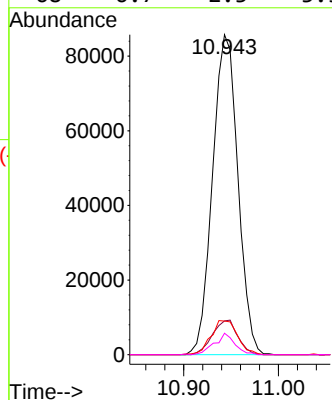
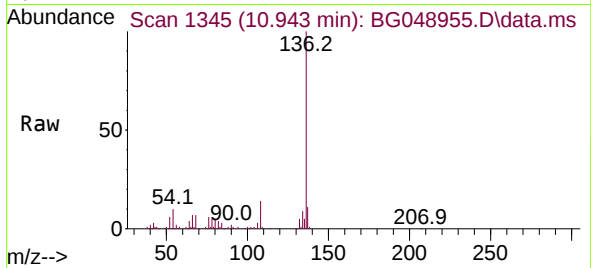




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

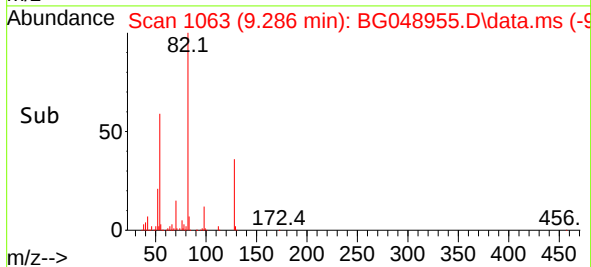
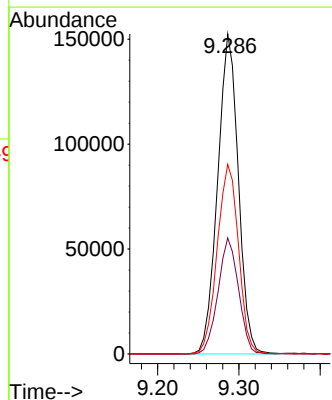
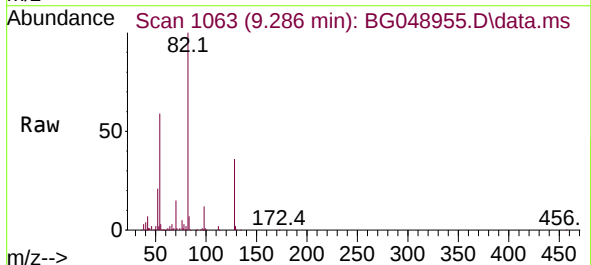
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

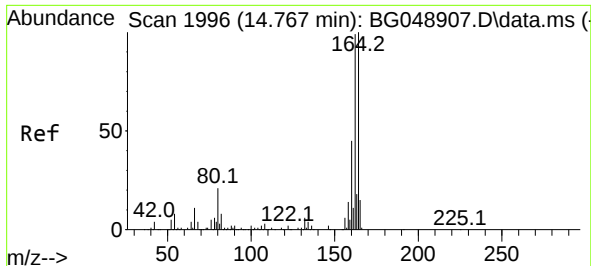
Tgt Ion:136	Resp: 159224
Ion Ratio	Lower Upper
136	100
137	10.6 8.2 12.2
54	10.5 5.5 8.3#
68	6.7 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 73.17 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion: 82	Resp: 270198
Ion Ratio	Lower Upper
82	100
128	36.3 29.8 44.6
54	59.3 45.8 68.8

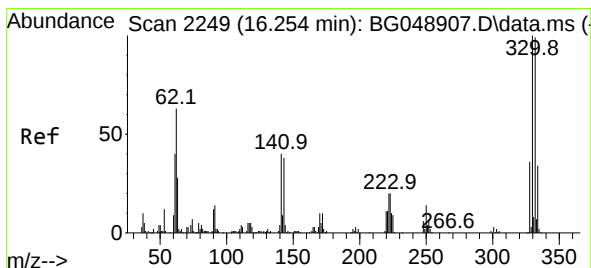
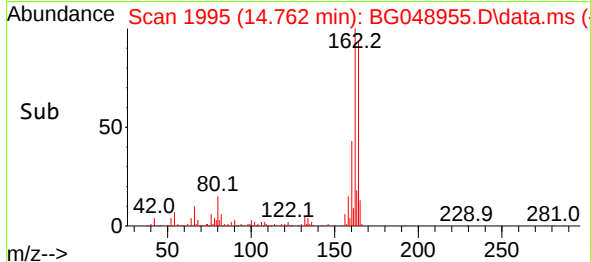
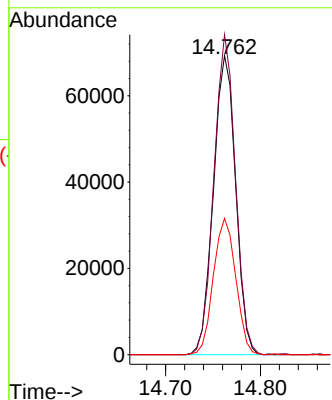
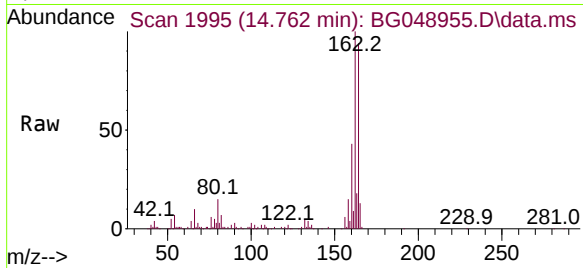




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

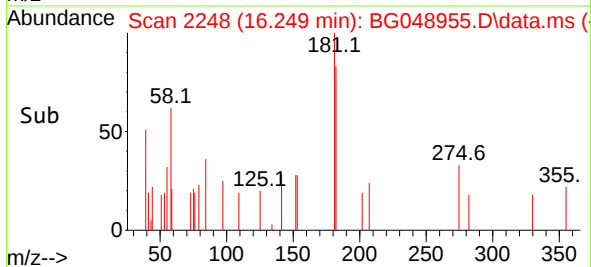
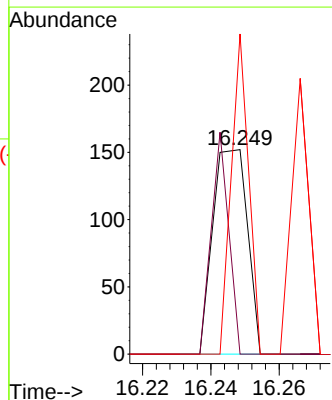
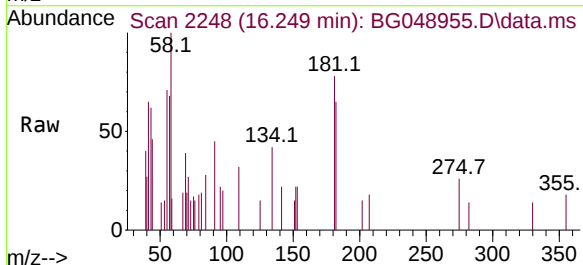
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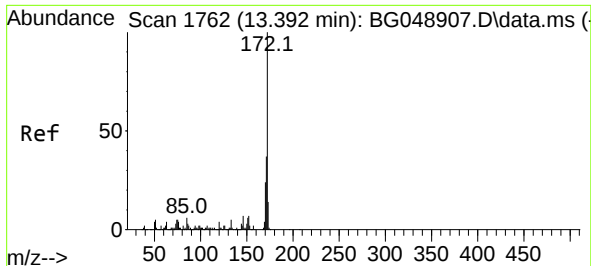
Tgt Ion:164 Resp: 112992
Ion Ratio Lower Upper
164 100
162 106.9 81.4 122.0
160 45.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:330 Resp: 106
Ion Ratio Lower Upper
330 100
332 54.7 77.3 115.9#
141 79.2 35.6 53.4#

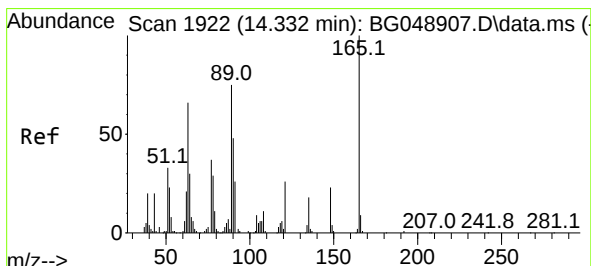
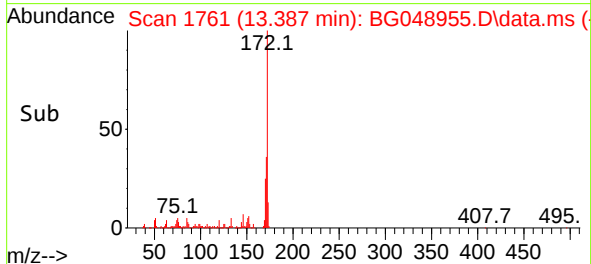
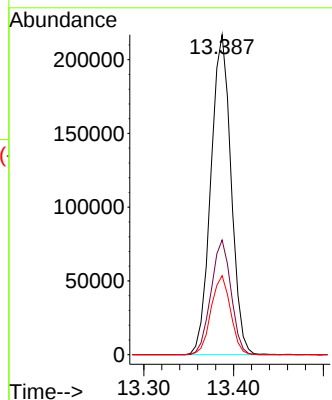
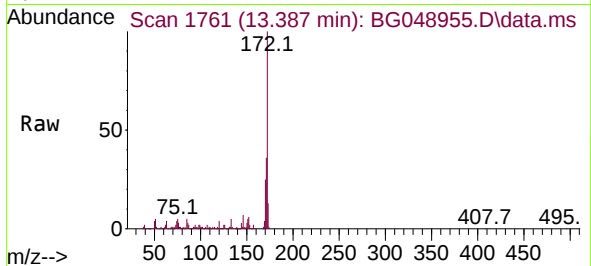




#45
2-Fluorobiphenyl
Concen: 42.33 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

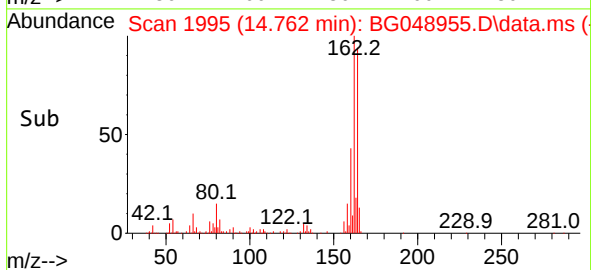
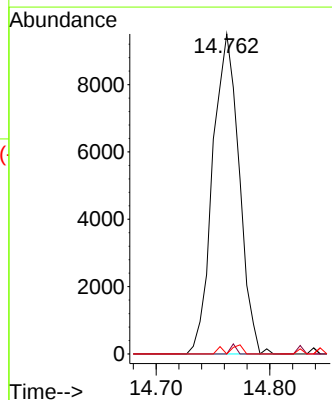
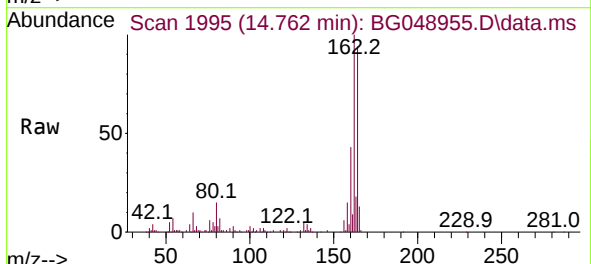
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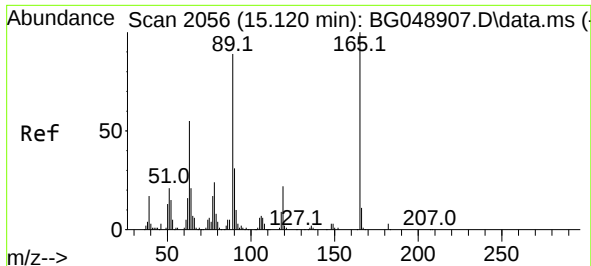
Tgt Ion:172 Resp: 338544
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:165 Resp: 15363
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

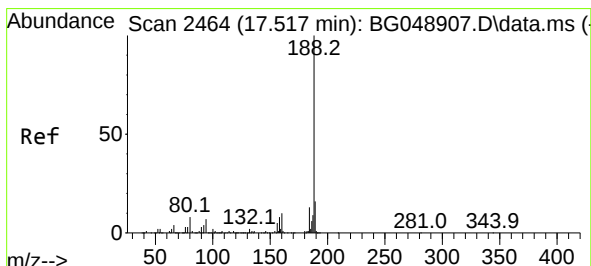
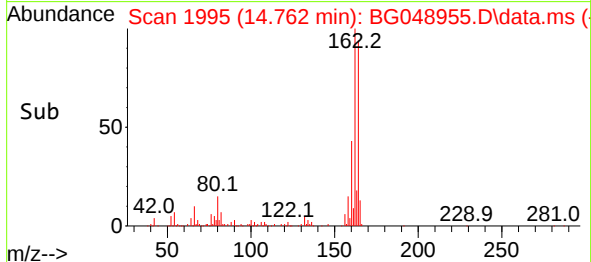
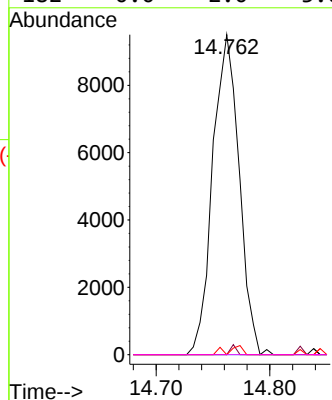
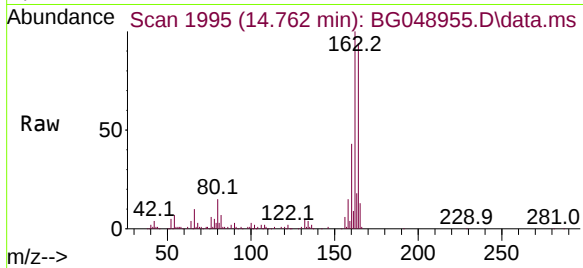




#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

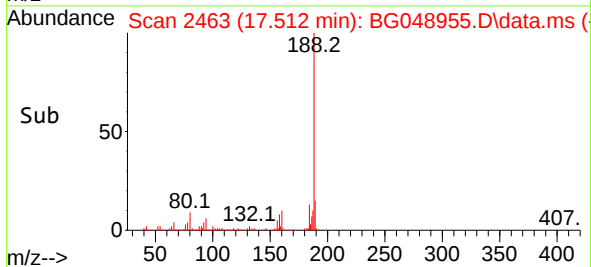
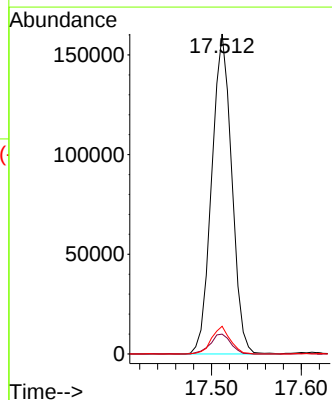
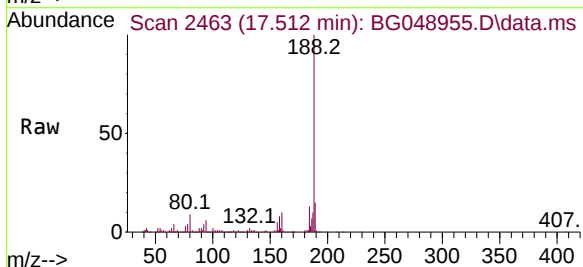
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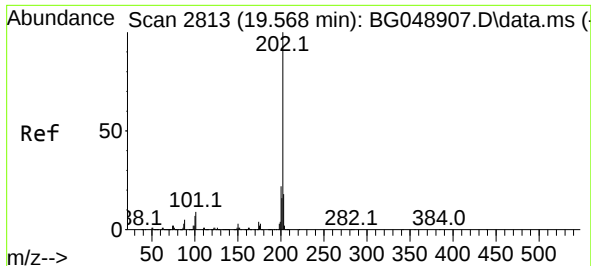
Tgt Ion:165 Resp: 15363
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:188 Resp: 248529
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 8.6 3.7 5.5#

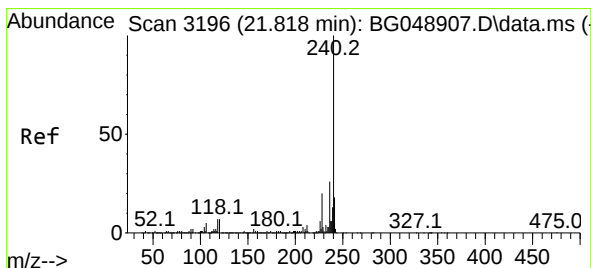
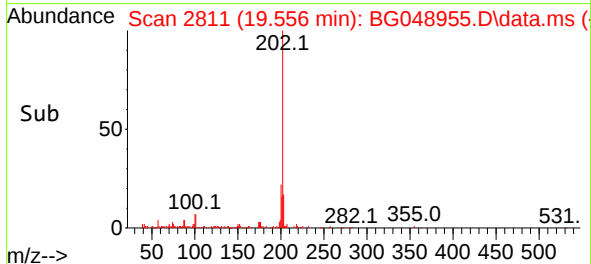
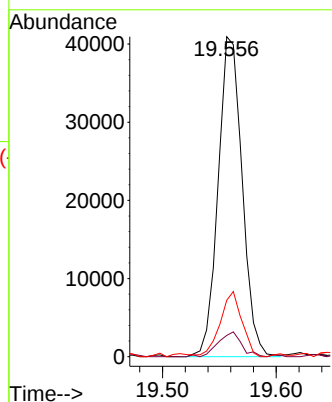
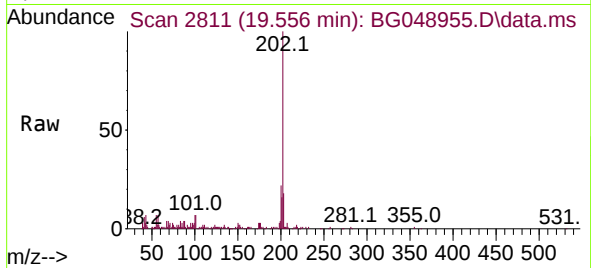




#75
Fluoranthene
Concen: 3.57 ng
RT: 19.556 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

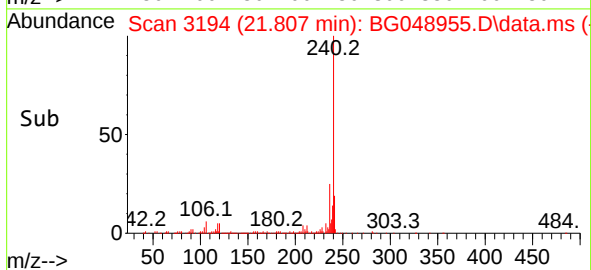
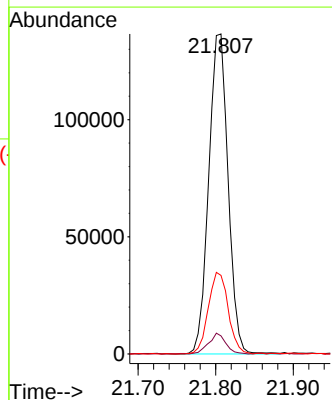
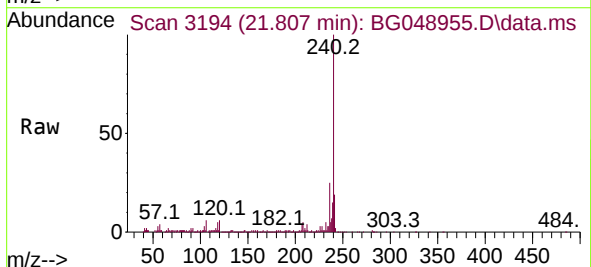
Instrument :
BNA_G
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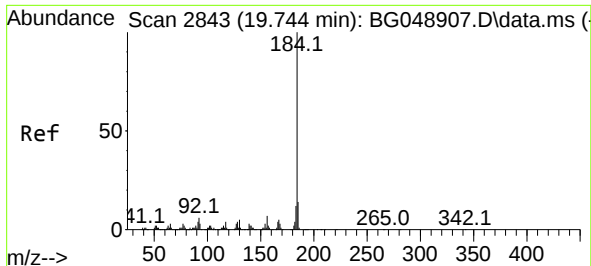
Tgt Ion:	202	Resp:	60197
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	24.7
203	17.6	0.0	38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:	240	Resp:	236770
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.2	6.2
236	24.5	21.8	32.6

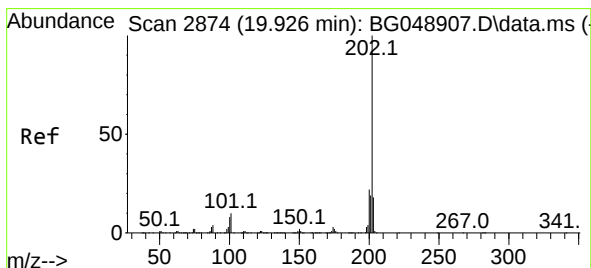
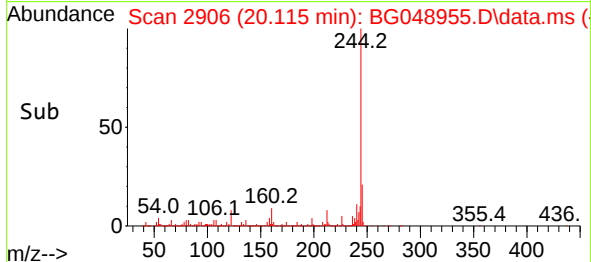
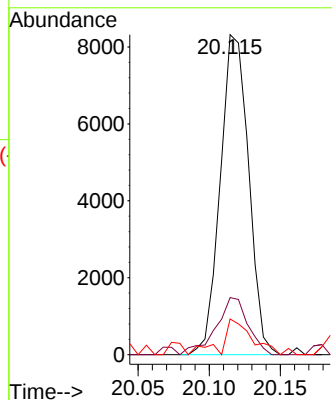
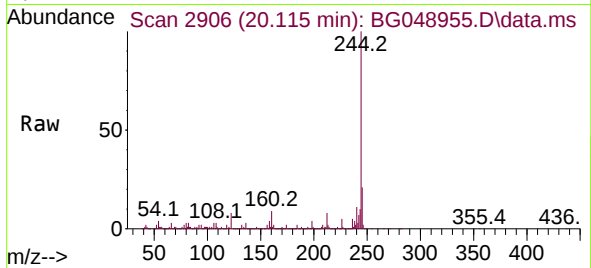




#77
Benzidine
Concen: 2.42 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.371 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

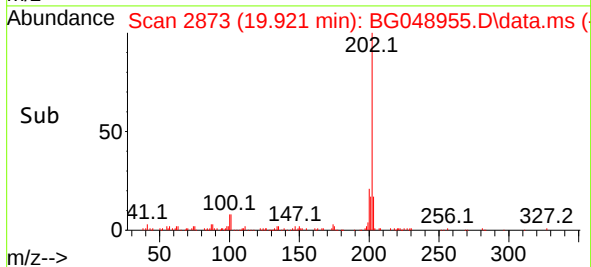
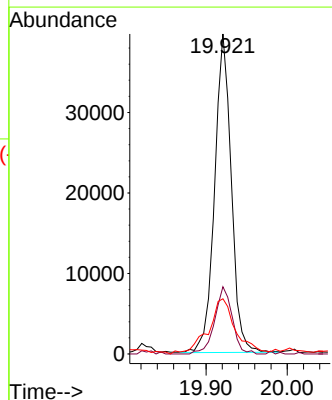
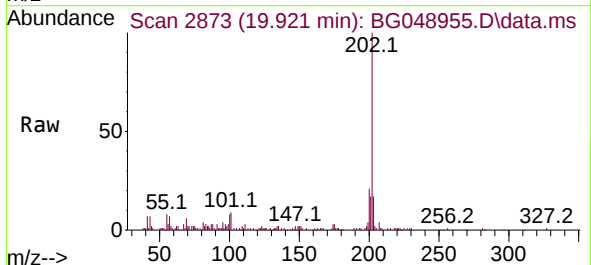
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

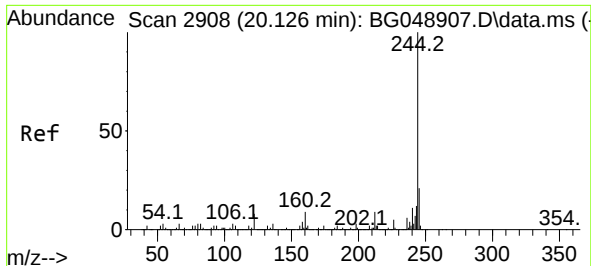
Tgt Ion:184 Resp: 11551
Ion Ratio Lower Upper
184 100
185 17.9 10.7 16.1#
183 11.1 9.4 14.0



#78
Pyrene
Concen: 3.29 ng
RT: 19.921 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:202 Resp: 56504
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 17.2 14.6 21.8

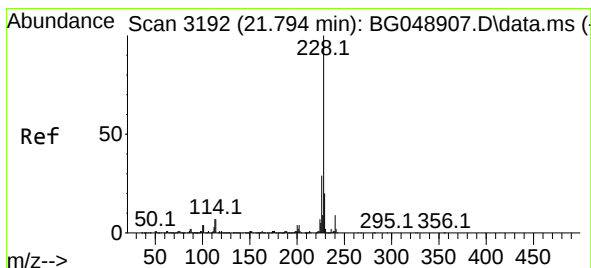
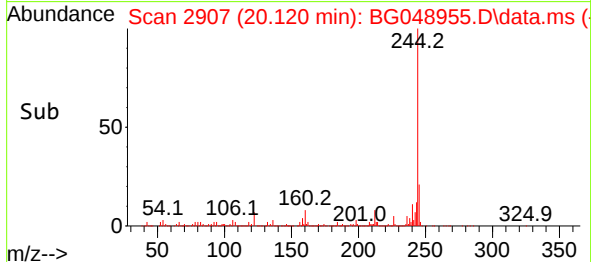
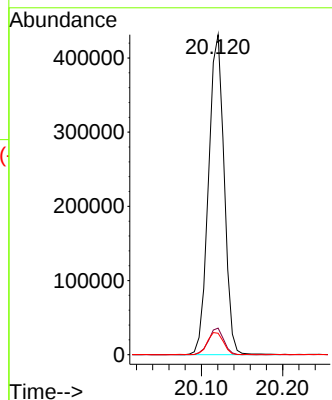
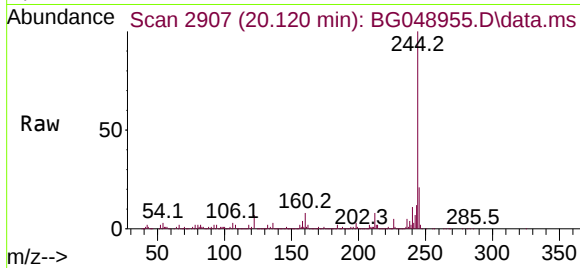




#79
Terphenyl-d14
Concen: 44.42 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

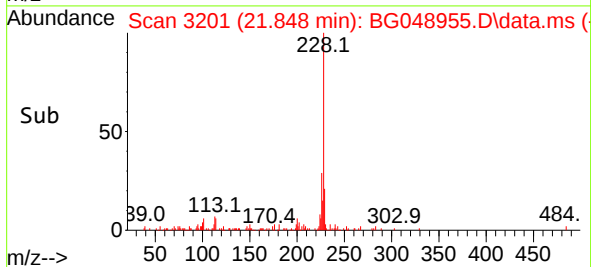
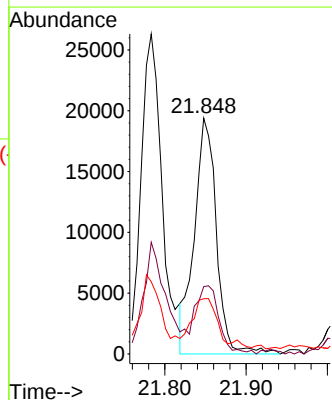
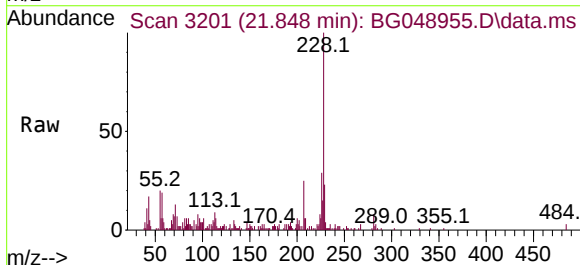
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

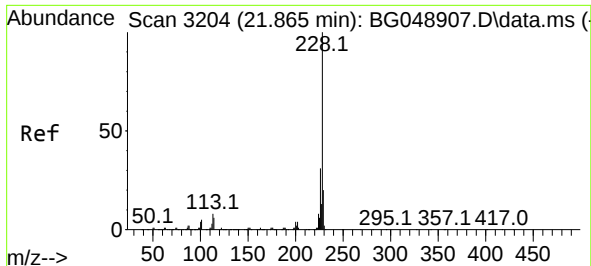
Tgt Ion:244 Resp: 574269
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.7 5.0 7.6



#81
Benzo(a)anthracene
Concen: 2.16 ng
RT: 21.848 min Scan# 3201
Delta R.T. 0.054 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:228 Resp: 36737
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 23.4 16.0 24.0

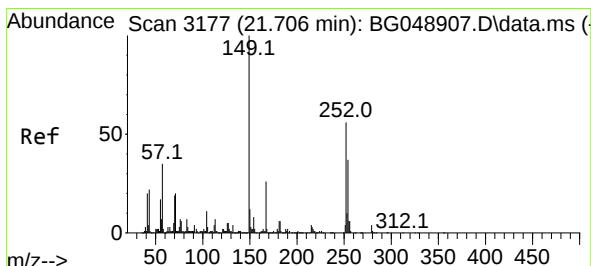
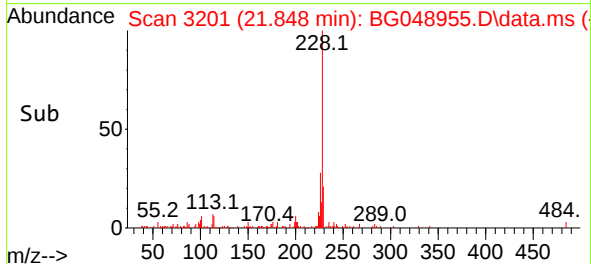
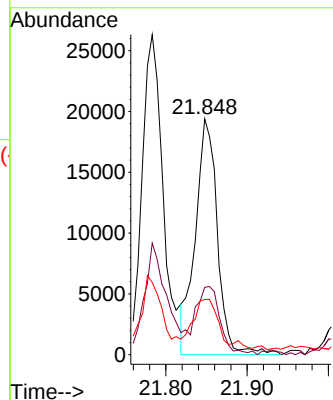
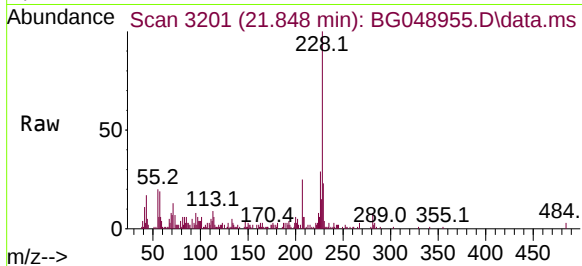




#83
Chrysene
Concen: 2.25 ng
RT: 21.848 min Scan# 3201
Delta R.T. -0.017 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

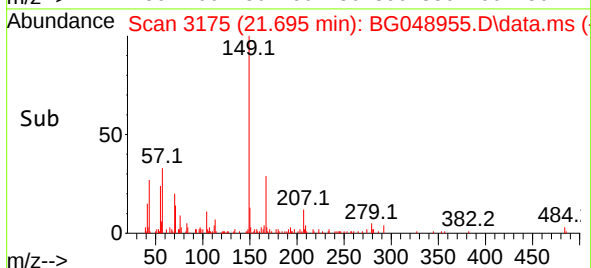
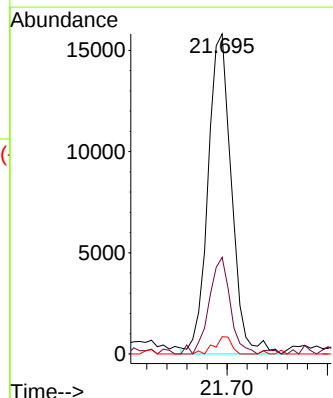
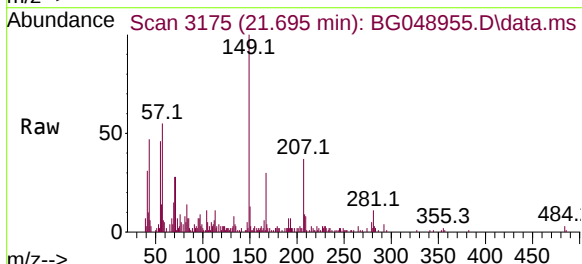
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

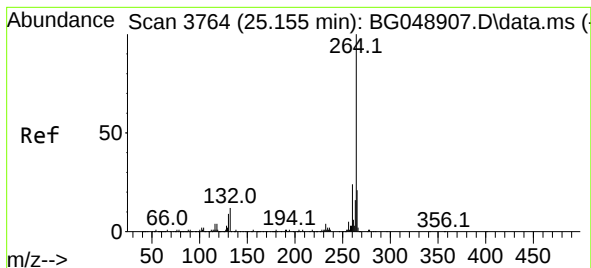
Tgt Ion:228	Resp:	36737
Ion Ratio	Lower	Upper
228	100	
226	28.6	23.1 34.7
229	23.4	15.3 22.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.79 ng
RT: 21.695 min Scan# 3175
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:149	Resp:	25749
Ion Ratio	Lower	Upper
149	100	
167	30.2	22.3 33.5
279	5.4	3.8 5.8

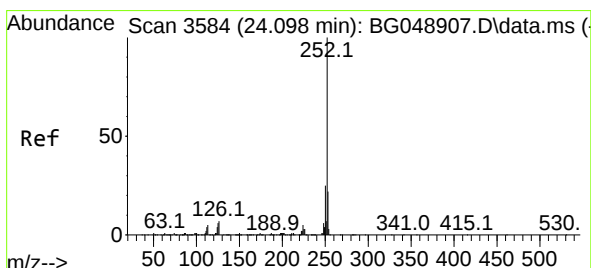
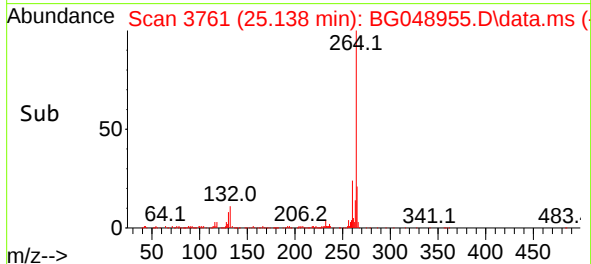
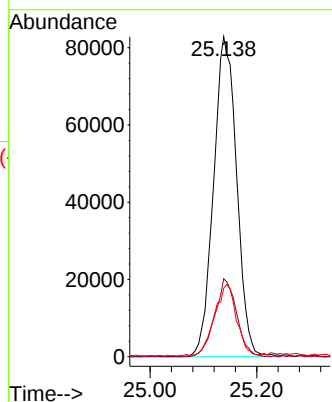
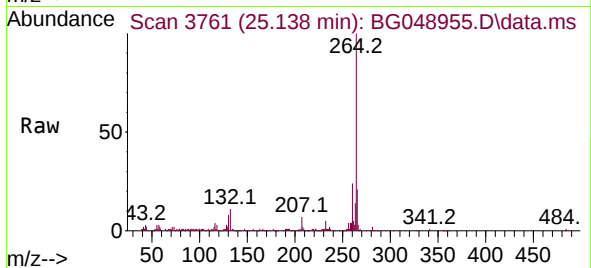




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3761
Delta R.T. -0.017 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

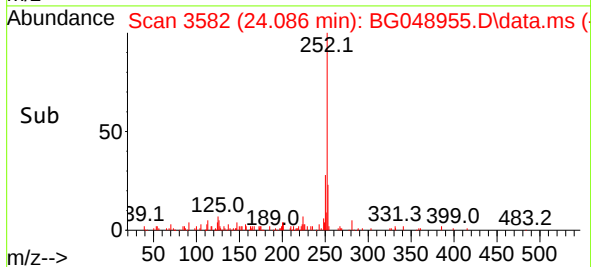
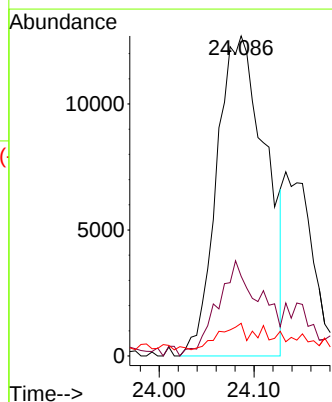
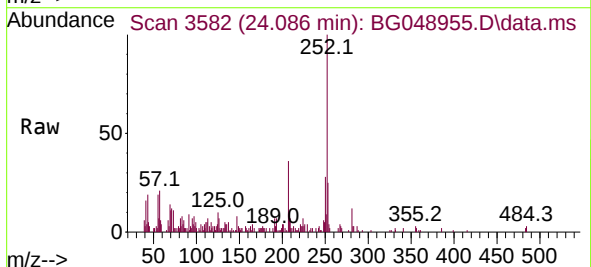
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

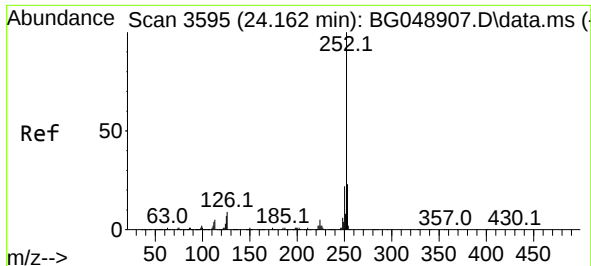
Tgt Ion:264 Resp: 248838
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.4 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 24.086 min Scan# 3582
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:252 Resp: 45459
Ion Ratio Lower Upper
252 100
253 24.9 16.2 24.4#
125 10.2 3.0 4.4#

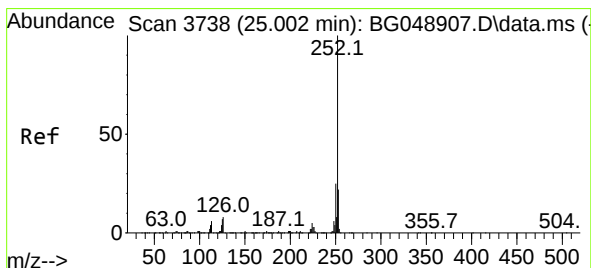
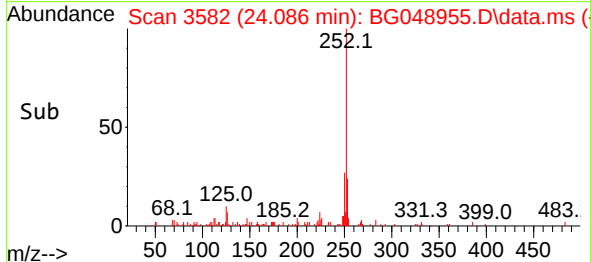
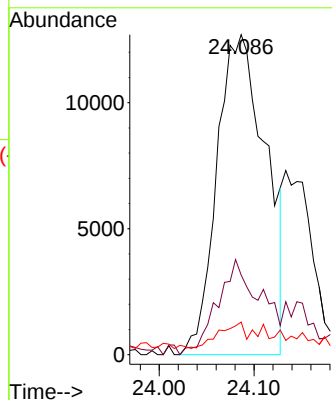
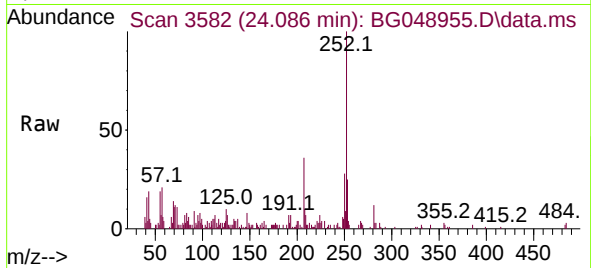




#89
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 24.086 min Scan# 3582
Delta R.T. -0.076 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

Tgt Ion:252 Resp: 45459
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 10.2 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 2.27 ng
RT: 24.985 min Scan# 3735
Delta R.T. -0.017 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:252 Resp: 36789
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 5.8 3.5 5.3#

