

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048043.D
 Acq On : 28 Jan 2021 1:00
 Operator : CG/JU
 Sample : M1226-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0055-052-COMP-I-ELUTRIATE

Quant Time: Jan 28 03:57:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

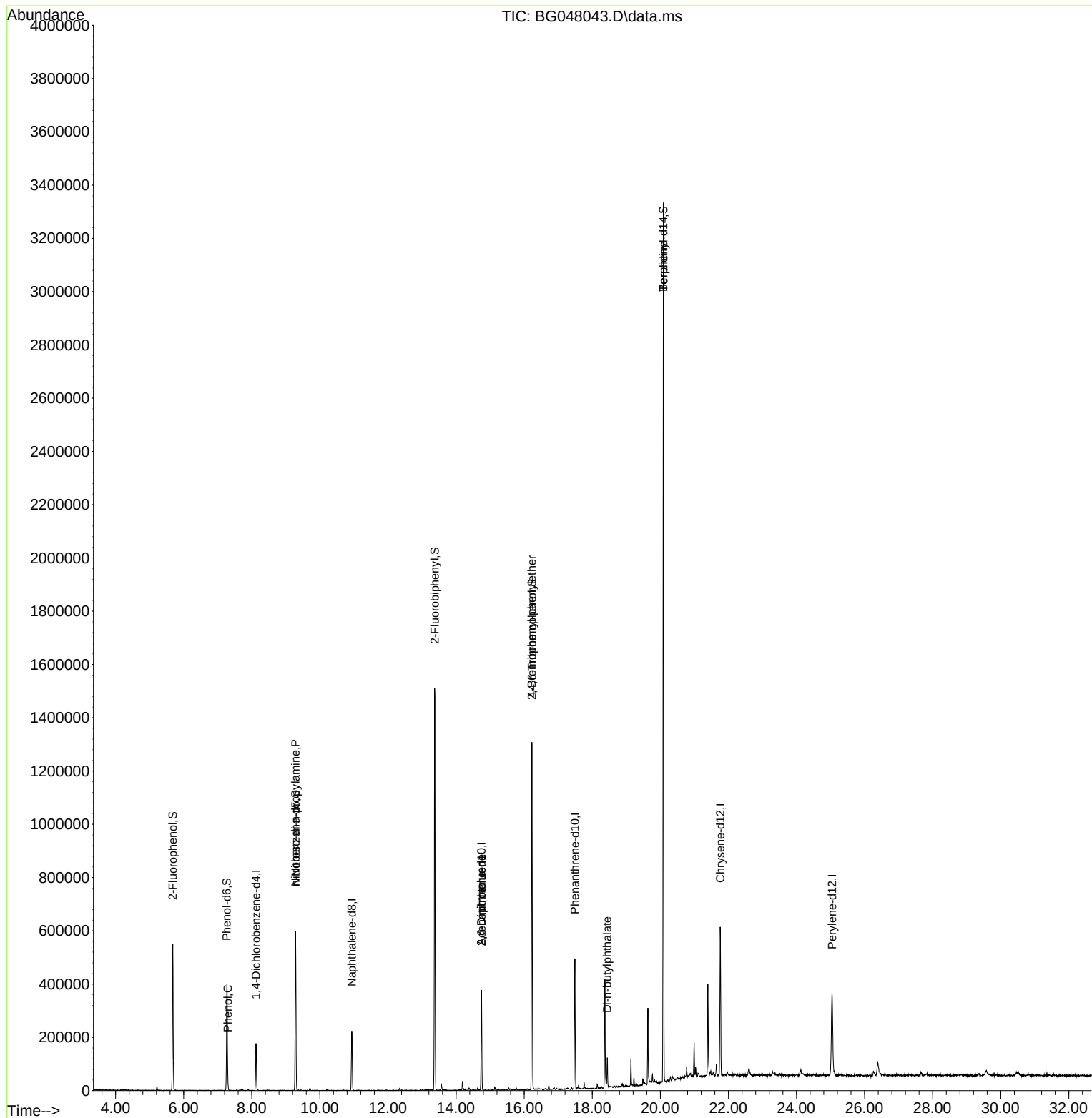
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	46271	20.00	ng	0.00
21) Naphthalene-d8	10.938	136	176718	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	126147	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	308840	20.00	ng	0.00
76) Chrysene-d12	21.761	240	353794	20.00	ng	#-0.01
86) Perylene-d12	25.045	264	347821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	220204	73.14	ng	0.00
7) Phenol-d6	7.266	99	218999	47.84	ng	-0.01
23) Nitrobenzene-d5	9.287	82	357129	79.96	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	260188	123.84	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	787516	80.71	ng	-0.01
79) Terphenyl-d14	20.092	244	1388285	68.04	ng	0.00
Target Compounds						
10) Phenol	7.295	94	14814	3.38	ng	# 70
19) n-Nitroso-di-n-propyla...	9.287	70	50798	15.20	ng	# 72
51) 2,6-Dinitrotoluene	14.745	165	16155	6.81	ng	# 36
57) 2,4-Dinitrotoluene	14.745	165	16155	4.71	ng	# 34
67) 4-Bromophenyl-phenylether	16.226	248	18266	4.43	ng	# 1
74) Di-n-butylphthalate	18.441	149	73044	3.66	ng	96
77) Benzidine	20.092	184	24153	2.37	ng	100

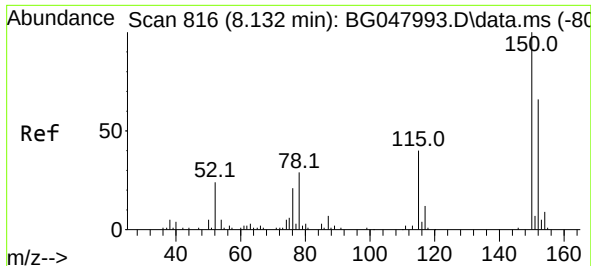
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048043.D
Acq On : 28 Jan 2021 1:00
Operator : CG/JU
Sample : M1226-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

Quant Time: Jan 28 03:57:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

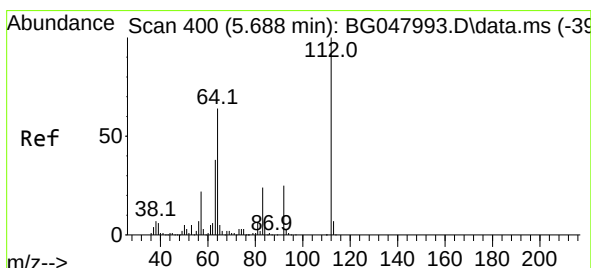
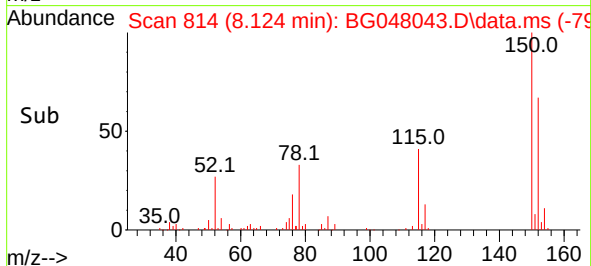
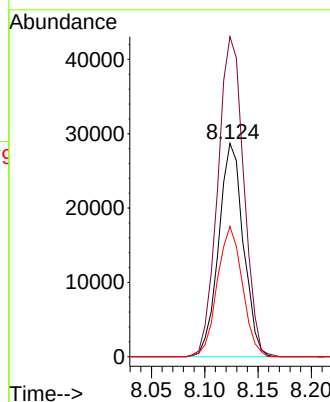
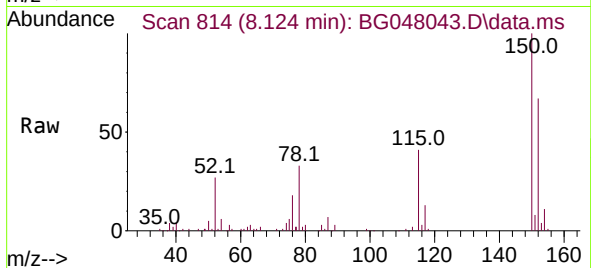




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 814
Delta R.T. -0.008 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

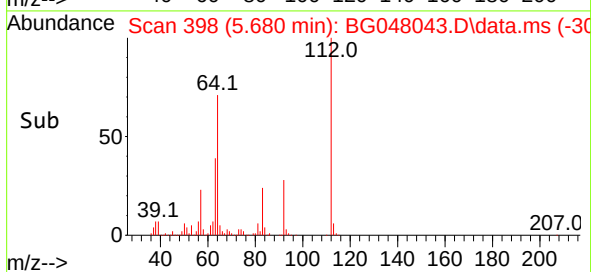
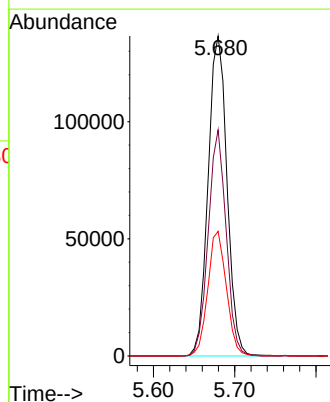
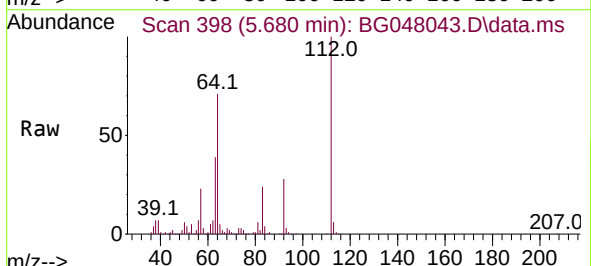
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

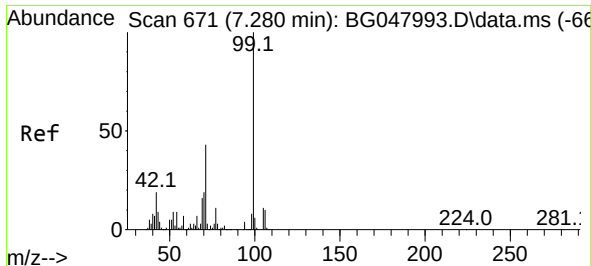
Tgt Ion:152 Resp: 46271
Ion Ratio Lower Upper
152 100
150 150.1 125.0 187.6
115 61.1 41.8 62.6



#5
2-Fluorophenol
Concen: 73.14 ng
RT: 5.680 min Scan# 398
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

Tgt Ion:112 Resp: 220204
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 39.0 22.8 34.2#

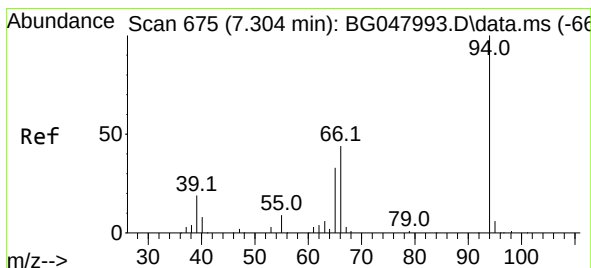
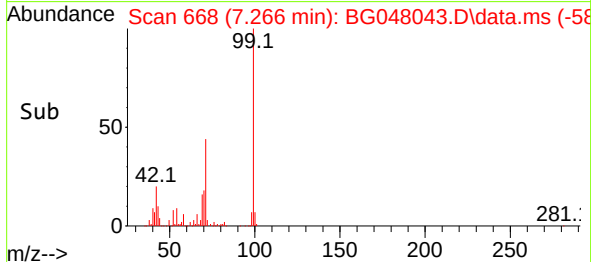
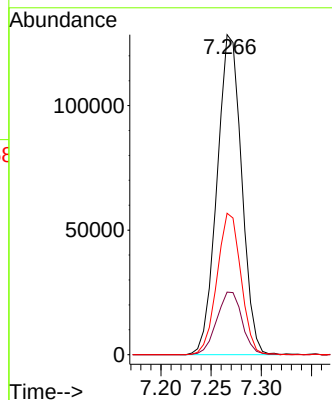
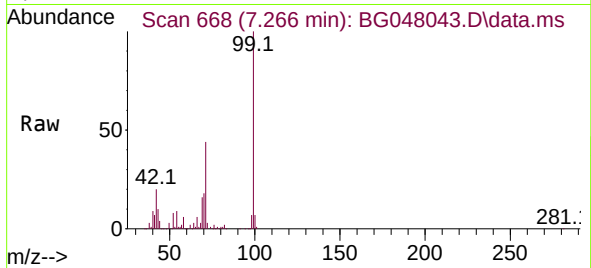




#7
Phenol-d6
Concen: 47.84 ng
RT: 7.266 min Scan# 668
Delta R.T. -0.015 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

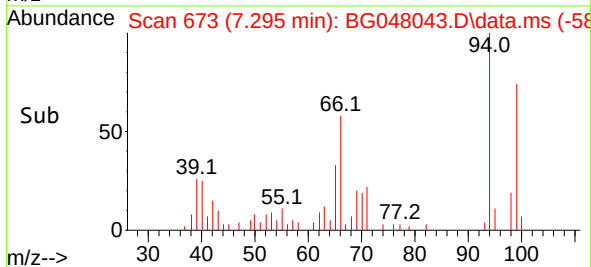
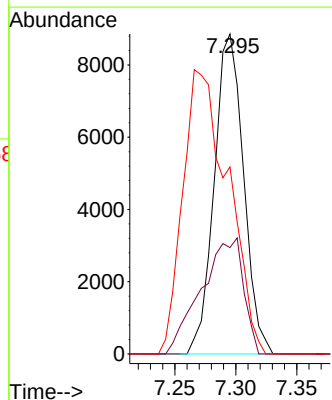
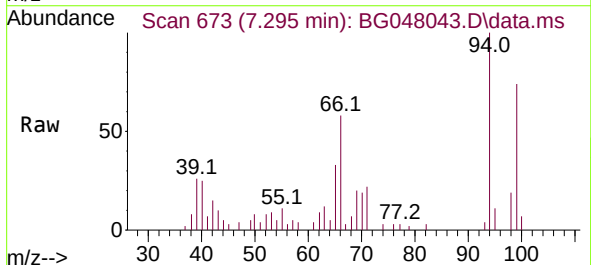
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

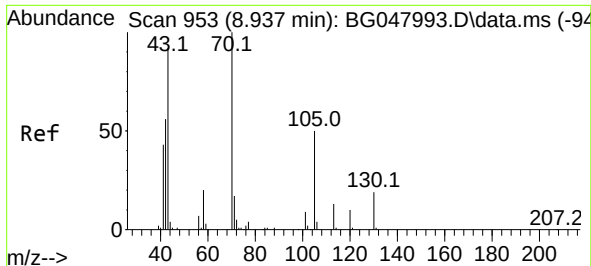
Tgt Ion: 99 Resp: 218999
Ion Ratio Lower Upper
99 100
42 19.6 12.8 19.2#
71 44.2 24.6 36.8#



#10
Phenol
Concen: 3.38 ng
RT: 7.295 min Scan# 673
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

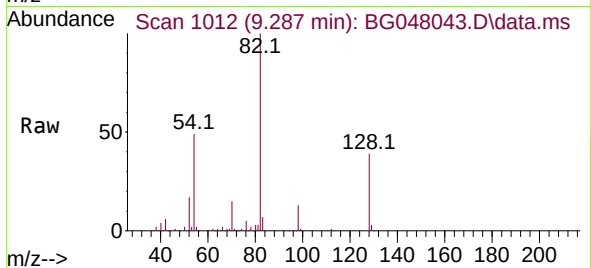
Tgt Ion: 94 Resp: 14814
Ion Ratio Lower Upper
94 100
65 33.2 6.6 46.6
66 58.4 13.9 53.9#



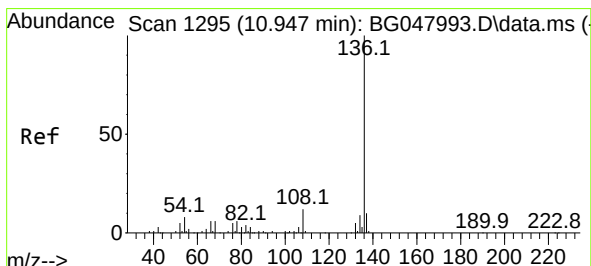
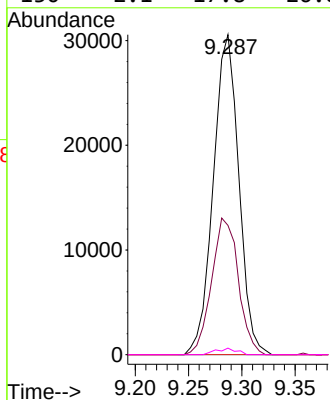
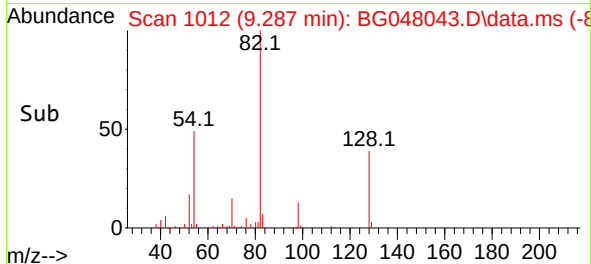


#19
n-Nitroso-di-n-propylamine
Concen: 15.20 ng
RT: 9.287 min Scan# 1012
Delta R.T. 0.350 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

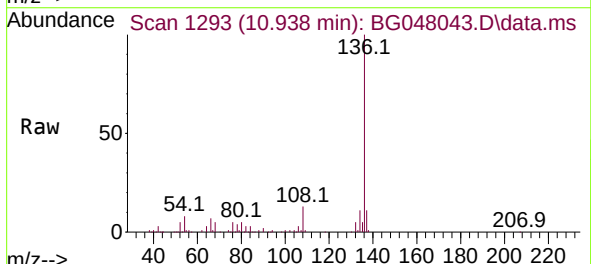
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE



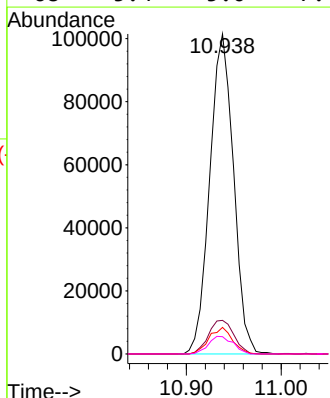
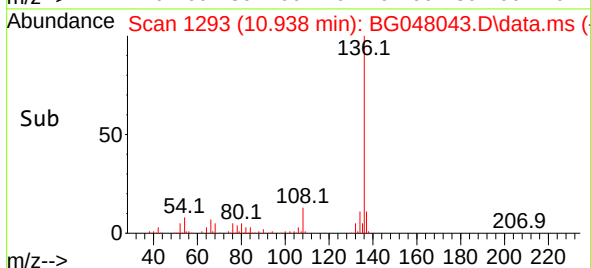
Tgt Ion: 70 Resp: 50798
Ion Ratio Lower Upper
70 100
42 40.4 45.6 68.4#
101 0.0 8.4 12.6#
130 2.1 17.8 26.8#

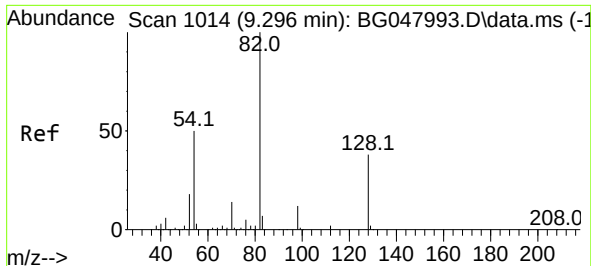


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.938 min Scan# 1293
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00



Tgt Ion: 136 Resp: 176718
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 8.3 6.2 9.4
68 5.4 5.0 7.4

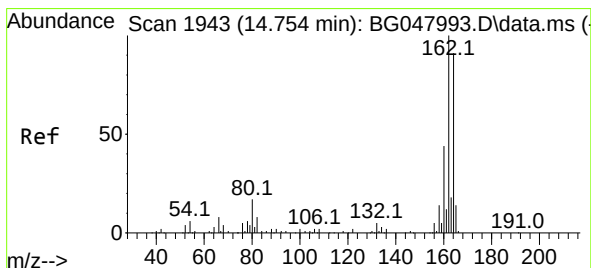
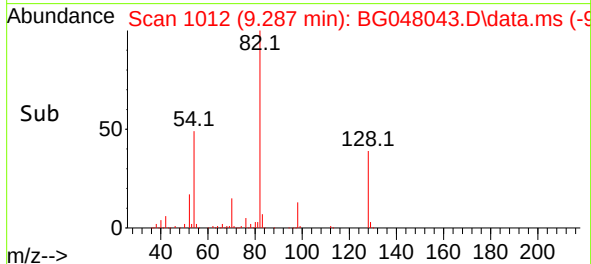
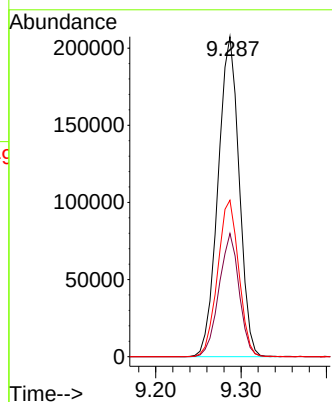
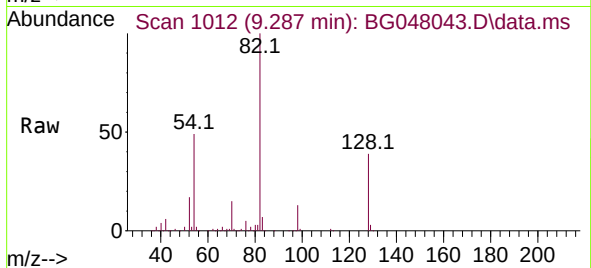




#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 9.287 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

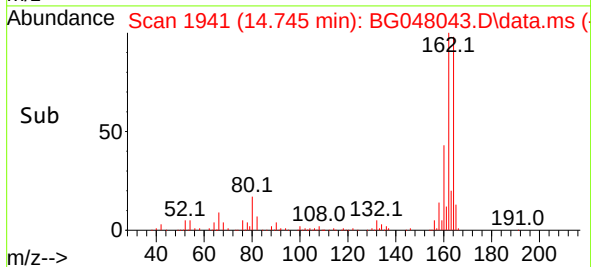
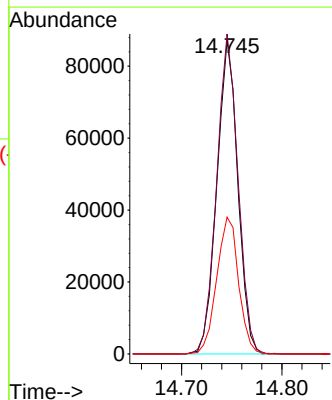
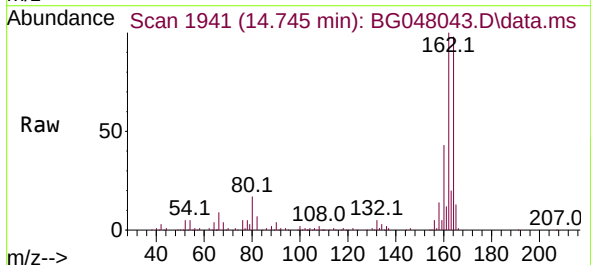
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

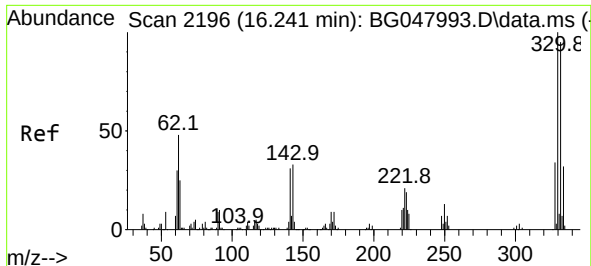
Tgt Ion: 82 Resp: 357129
Ion Ratio Lower Upper
82 100
128 38.5 37.0 55.6
54 48.9 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

Tgt Ion: 164 Resp: 126147
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 43.6 35.3 52.9

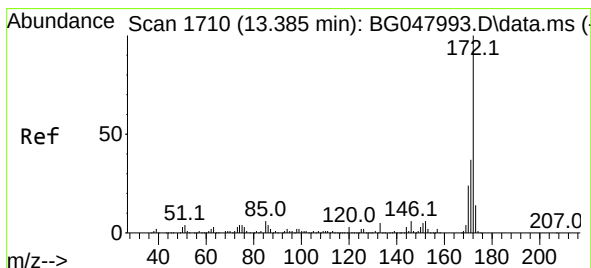
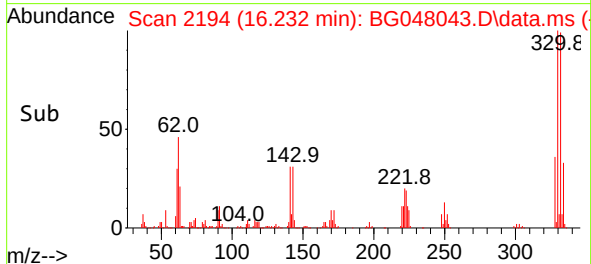
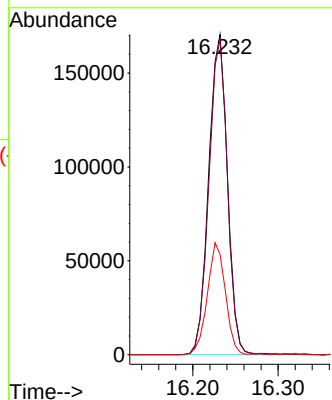
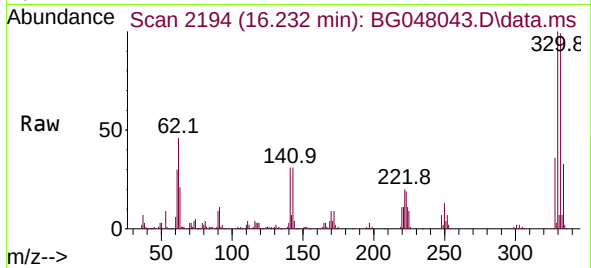




#42
2,4,6-Tribromophenol
Concen: 123.84 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

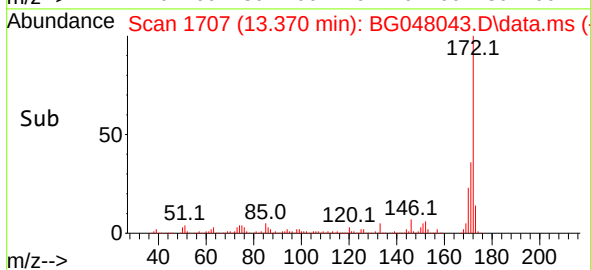
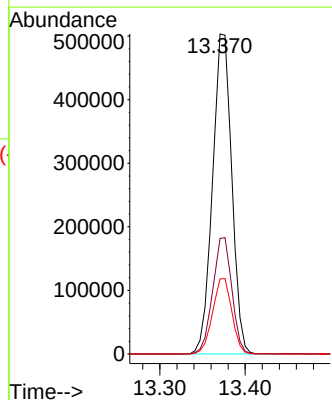
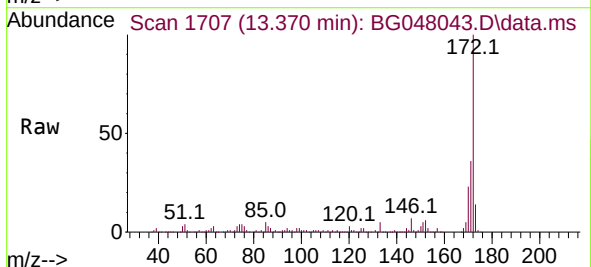
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

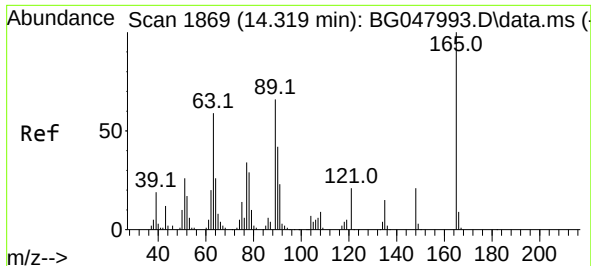
Tgt Ion:330 Resp: 260188
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 33.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.71 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.015 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

Tgt Ion:172 Resp: 787516
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 23.5 20.8 31.2

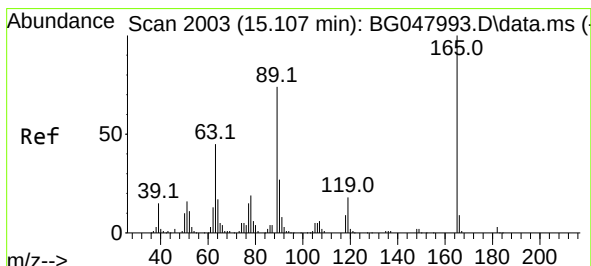
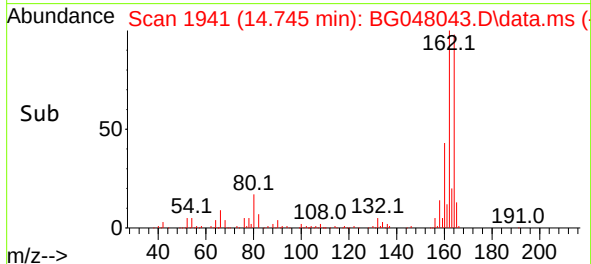
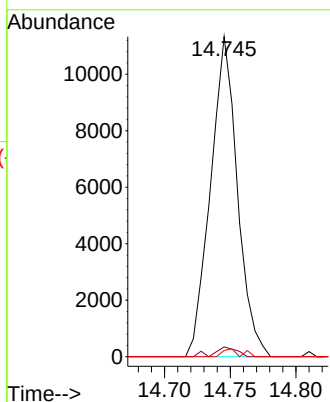
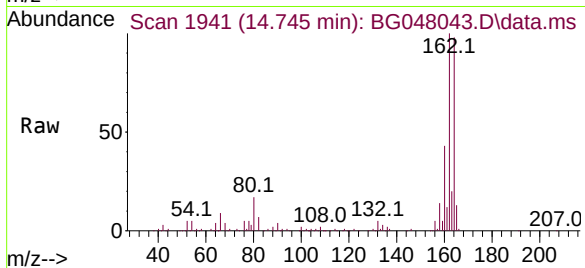




#51
2,6-Dinitrotoluene
Concen: 6.81 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

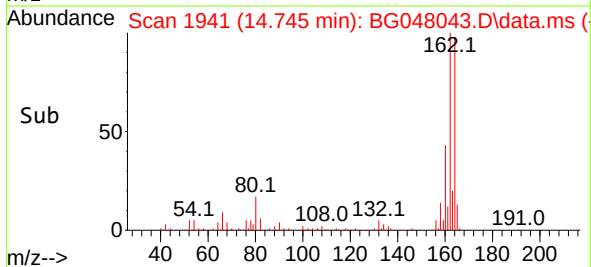
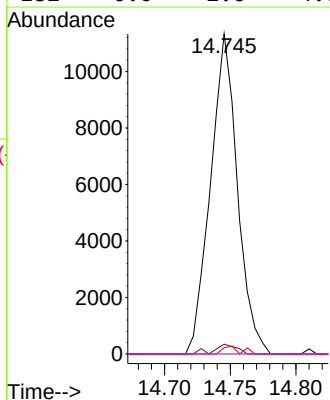
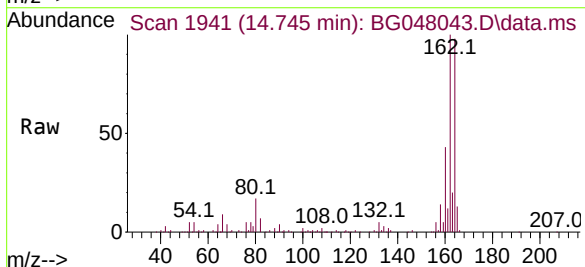
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

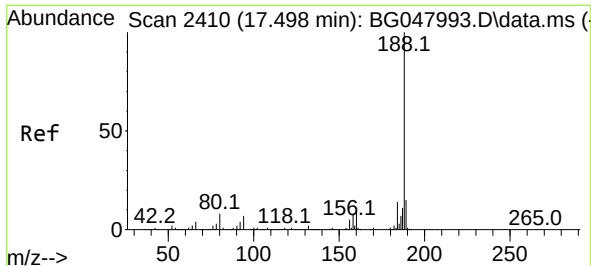
Tgt Ion:165 Resp: 16155
Ion Ratio Lower Upper
165 100
63 3.0 33.7 50.5#
89 1.9 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.71 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

Tgt Ion:165 Resp: 16155
Ion Ratio Lower Upper
165 100
63 3.0 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

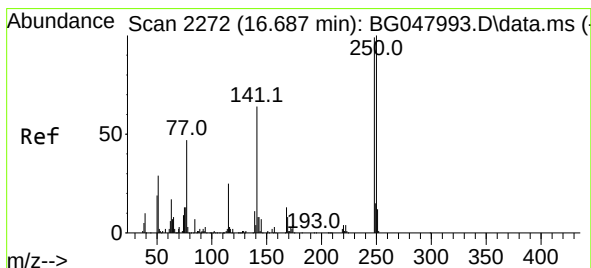
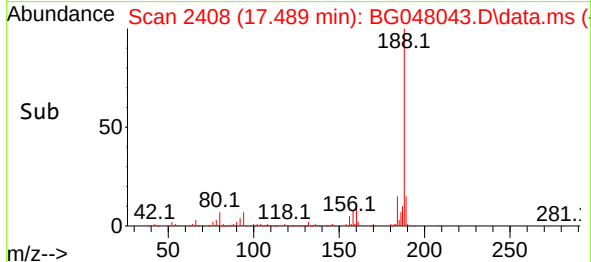
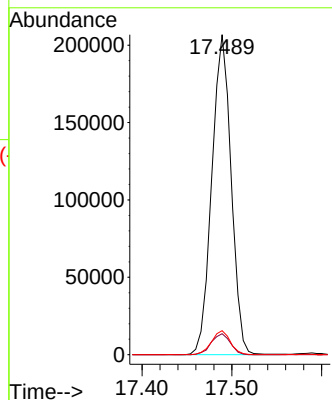
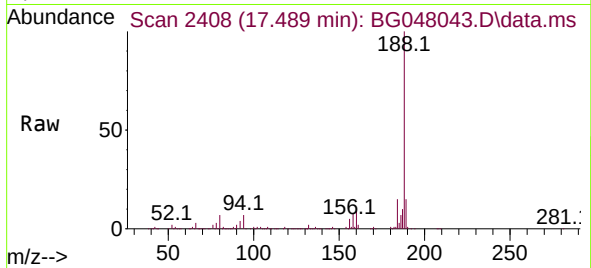




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

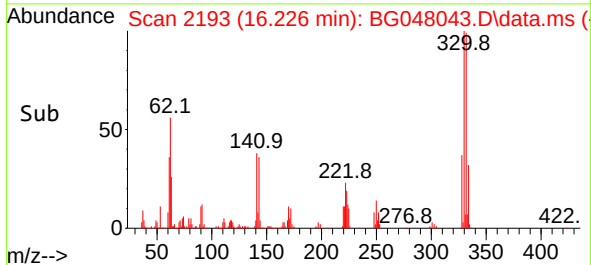
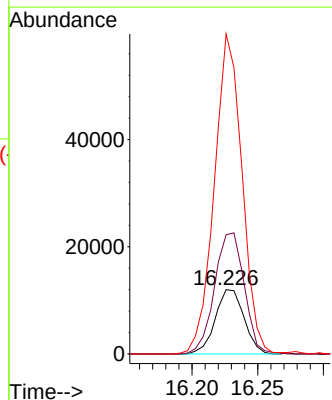
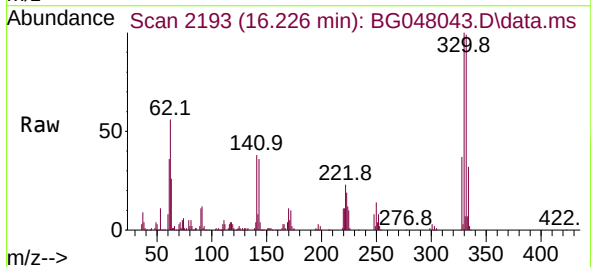
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

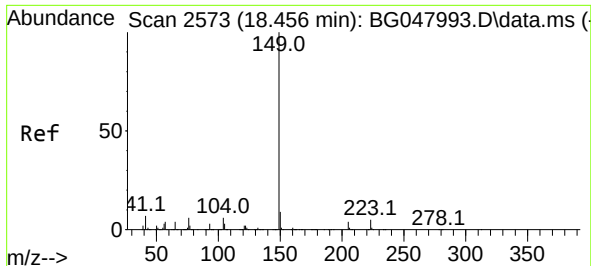
Tgt Ion:188 Resp: 308840
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.461 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

Tgt Ion:248 Resp: 18266
Ion Ratio Lower Upper
248 100
250 185.3 78.9 118.3#
141 497.6 46.2 69.4#

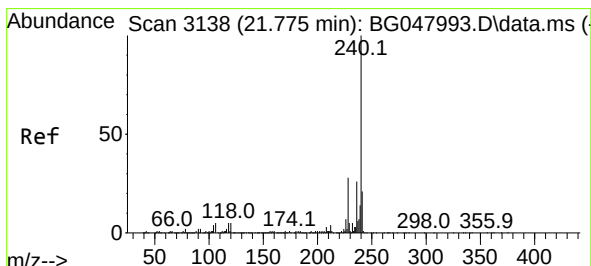
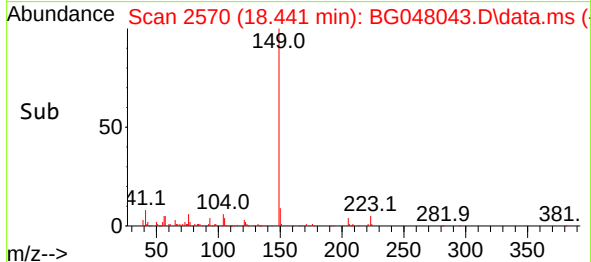
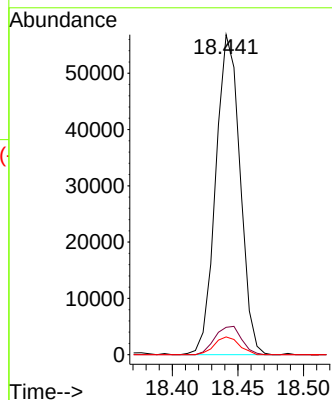
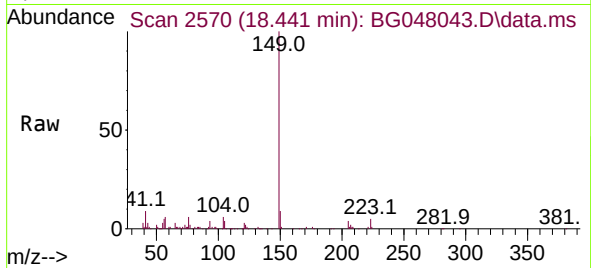




#74
Di-n-butylphthalate
Concen: 3.66 ng
RT: 18.441 min Scan# 2570
Delta R.T. -0.015 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

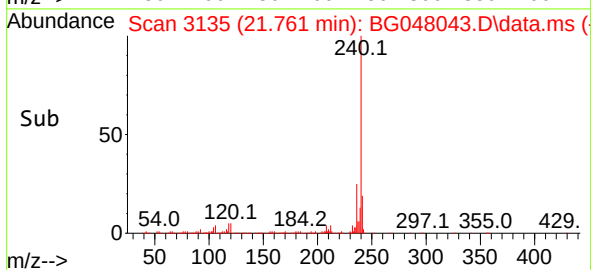
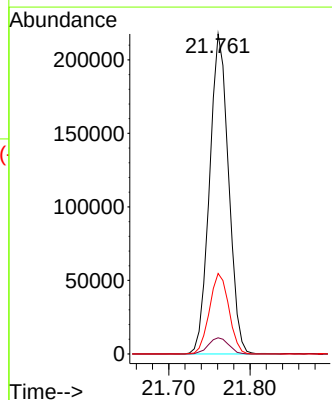
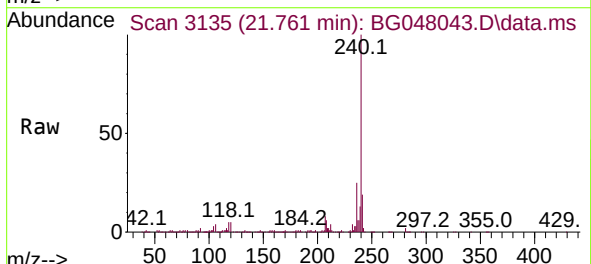
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

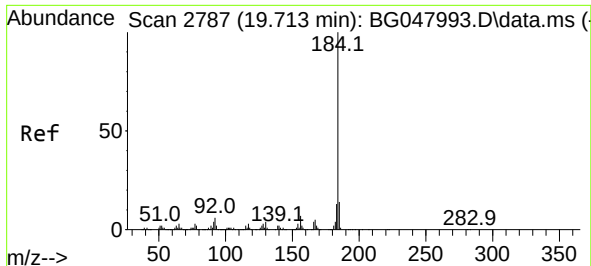
Tgt Ion:149	Resp:	73044
Ion Ratio	Lower	Upper
149	100	
150	8.5	8.2 12.4
104	5.5	3.8 5.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.761 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

Tgt Ion:240	Resp:	353794
Ion Ratio	Lower	Upper
240	100	
120	5.1	6.2 9.4#
236	25.2	20.5 30.7

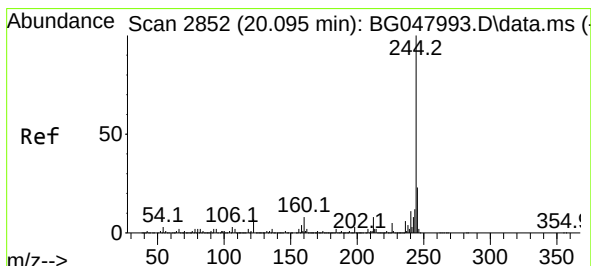
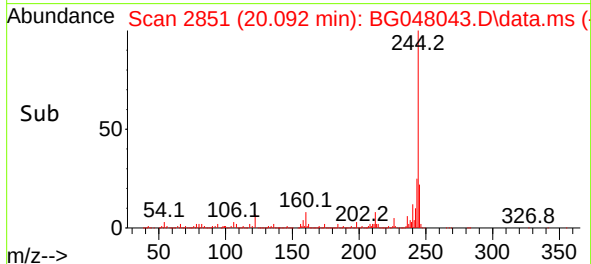
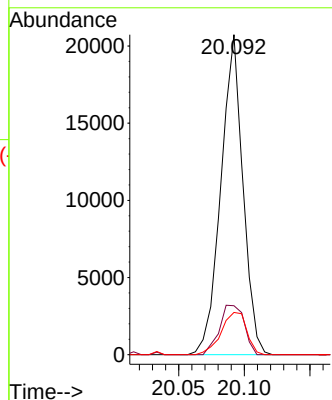
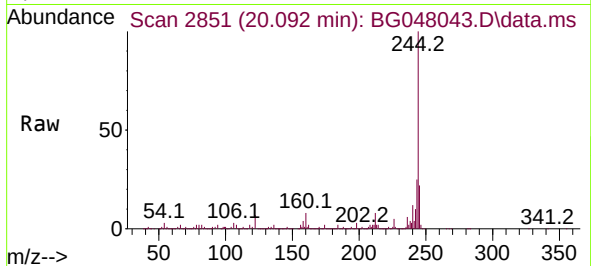




#77
Benzidine
Concen: 2.37 ng
RT: 20.092 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

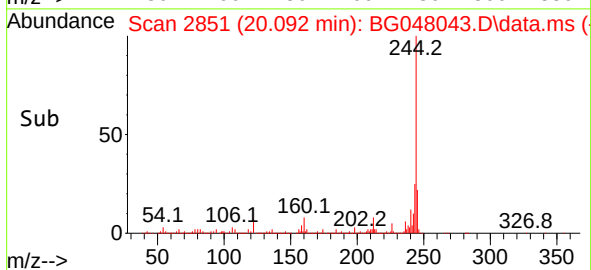
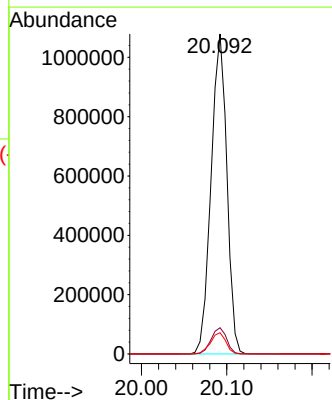
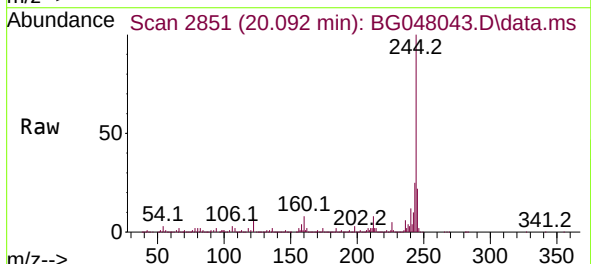
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

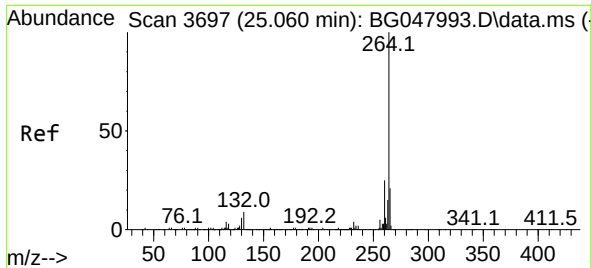
Tgt Ion:184 Resp: 24153
Ion Ratio Lower Upper
184 100
185 15.3 12.4 18.6
183 13.2 10.6 15.8



#79
Terphenyl-d14
Concen: 68.04 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG048043.D
Acq: 28 Jan 2021 1:00

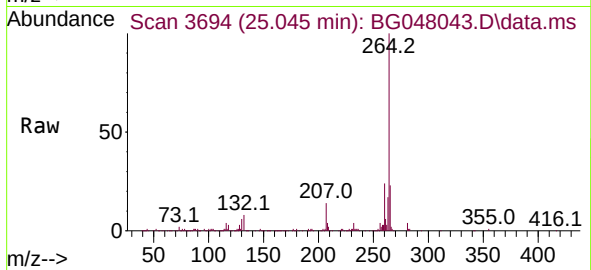
Tgt Ion:244 Resp: 1388285
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.045 min Scan# 3694
 Delta R.T. -0.015 min
 Lab File: BG048043.D
 Acq: 28 Jan 2021 1:00

Instrument :
 BNA_G
 ClientSampleId :
 0055-052-COMP-I-ELUTRIATE



Tgt Ion:264	Resp:	347821
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.8 28.2
265	22.7	17.8 26.8

