

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048049.D
 Acq On : 28 Jan 2021 5:02
 Operator : CG/JU
 Sample : M1226-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 28 05:48:52 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)

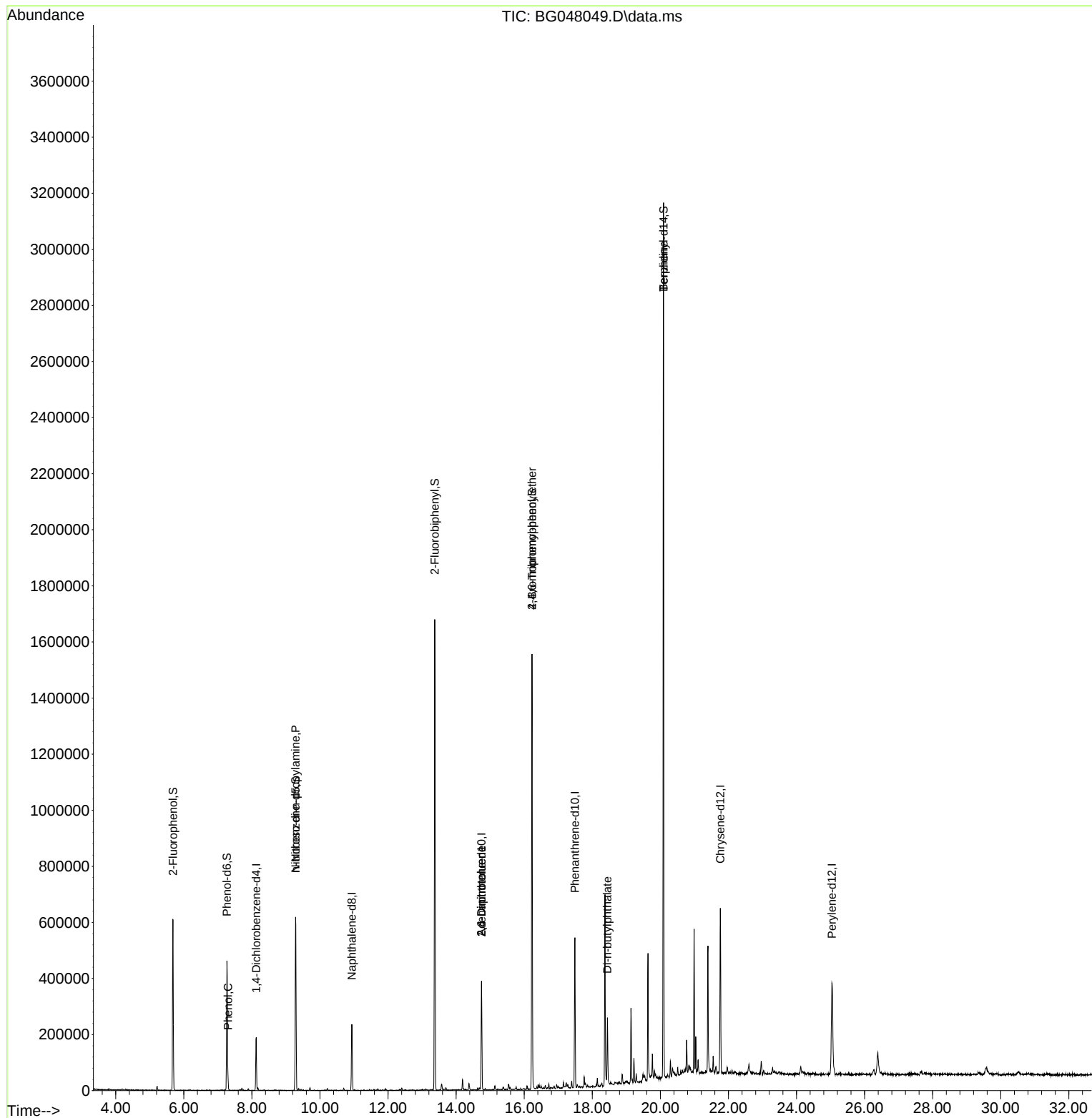
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	49870	20.00	ng	0.00
21) Naphthalene-d8	10.934	136	194444	20.00	ng	-0.01
39) Acenaphthene-d10	14.747	164	138828	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	338786	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	371050	20.00	ng	#-0.01
86) Perylene-d12	25.041	264	366984	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	249946	77.03	ng	0.00
7) Phenol-d6	7.268	99	242332	49.12	ng	-0.01
23) Nitrobenzene-d5	9.283	82	384742	78.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	298514	129.10	ng	-0.01
45) 2-Fluorobiphenyl	13.372	172	859220	80.02	ng	-0.01
79) Terphenyl-d14	20.094	244	1411351	65.95	ng	0.00
Target Compounds						
10) Phenol	7.297	94	20588	4.35	ng	Qvalue 79
19) n-Nitroso-di-n-propyla...	9.283	70	54760	15.21	ng	# 77
51) 2,6-Dinitrotoluene	14.747	165	17482	6.69	ng	# 35
57) 2,4-Dinitrotoluene	14.747	165	17482	4.63	ng	# 33
67) 4-Bromophenyl-phenylether	16.228	248	20406	4.51	ng	# 1
74) Di-n-butylphthalate	18.443	149	78120	3.57	ng	97
77) Benzidine	20.094	184	25035	2.34	ng	97

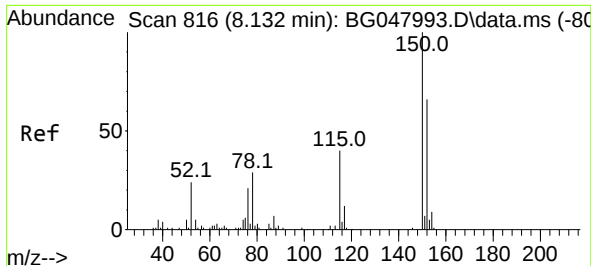
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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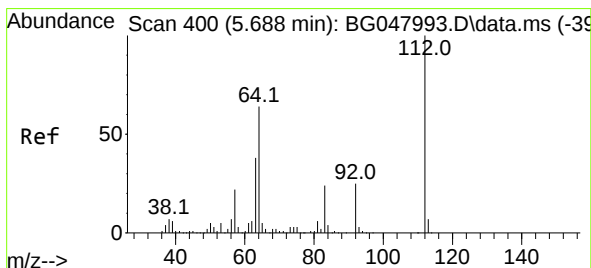
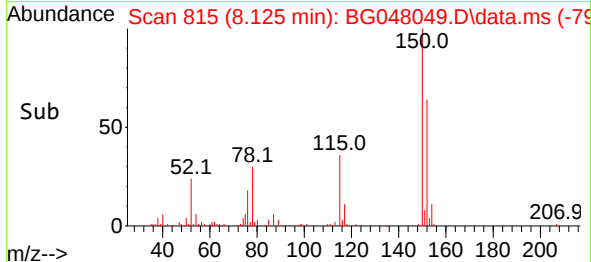
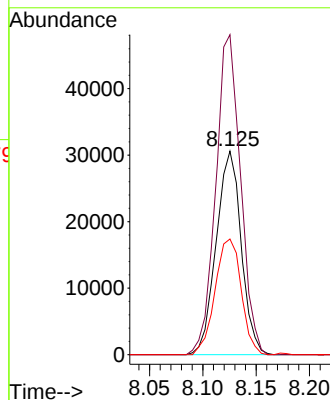
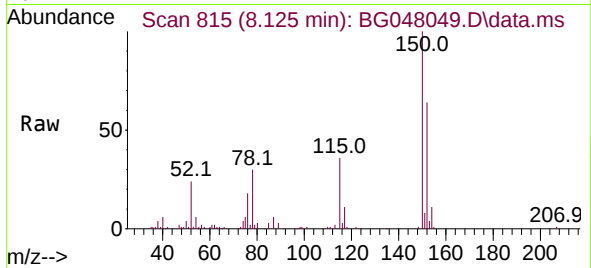




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.125 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

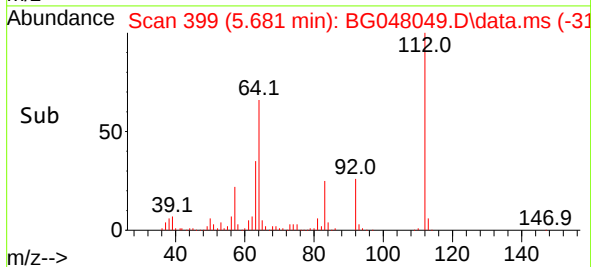
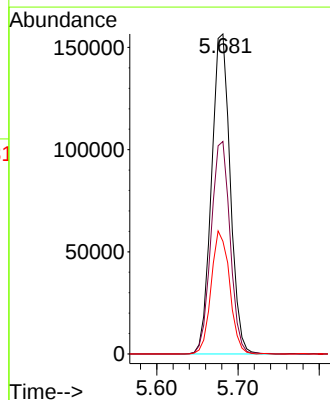
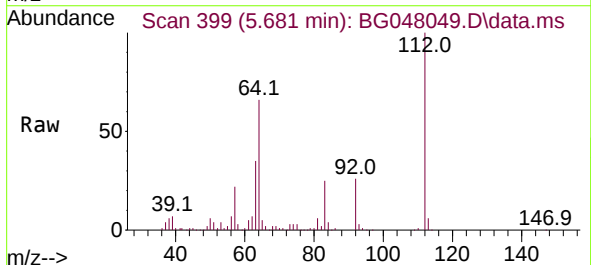
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BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

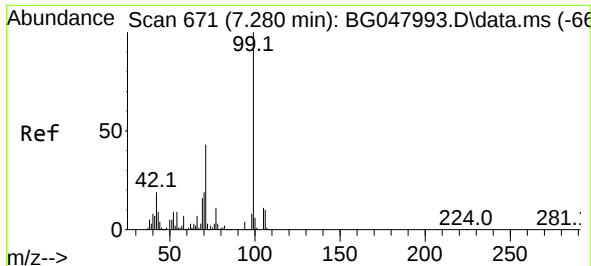
Tgt Ion:152 Resp: 49870
Ion Ratio Lower Upper
152 100
150 157.3 125.0 187.6
115 56.9 41.8 62.6



#5
2-Fluorophenol
Concen: 77.03 ng
RT: 5.681 min Scan# 399
Delta R.T. -0.007 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion:112 Resp: 249946
Ion Ratio Lower Upper
112 100
64 66.4 46.7 70.1
63 35.2 22.8 34.2#

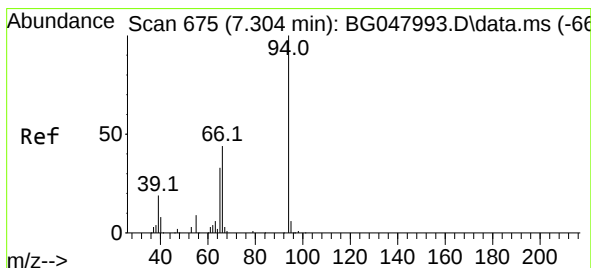
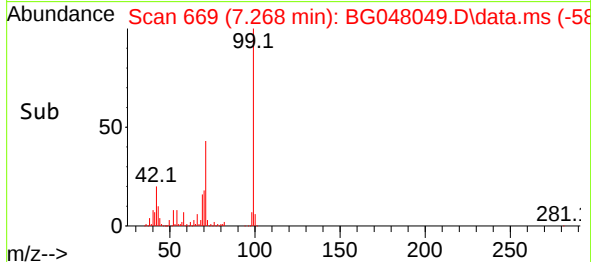
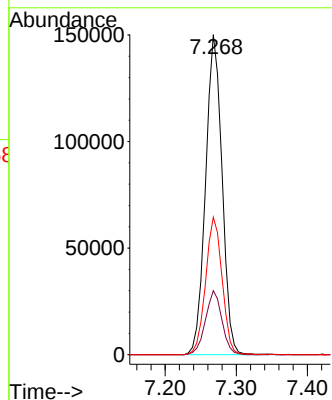
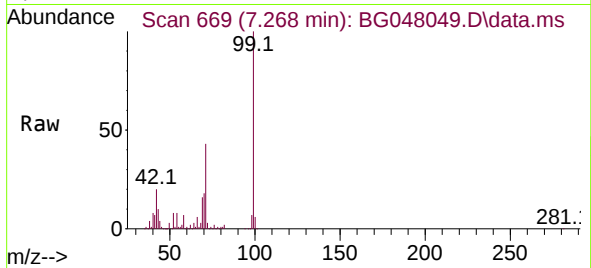




#7
Phenol-d6
Concen: 49.12 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

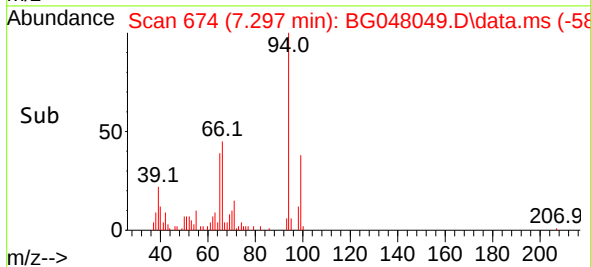
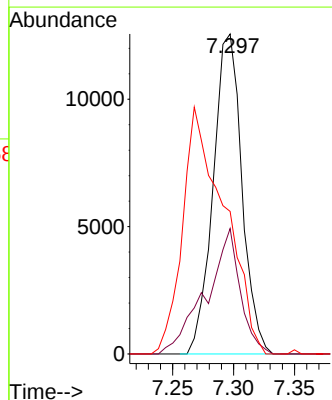
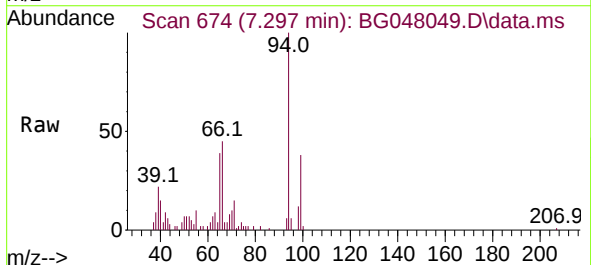
Instrument :
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ClientSampleId :
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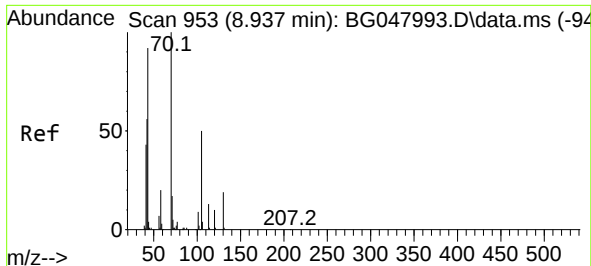
Tgt Ion: 99 Resp: 242332
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 42.9 24.6 36.8#



#10
Phenol
Concen: 4.35 ng
RT: 7.297 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion: 94 Resp: 20588
Ion Ratio Lower Upper
94 100
65 39.2 6.6 46.6
66 44.6 13.9 53.9

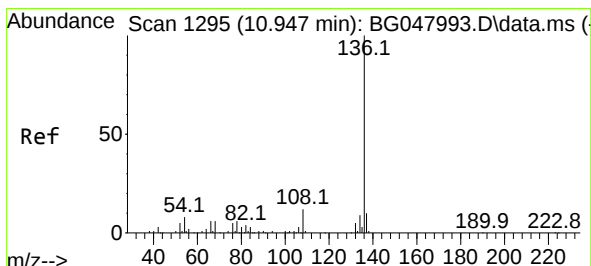
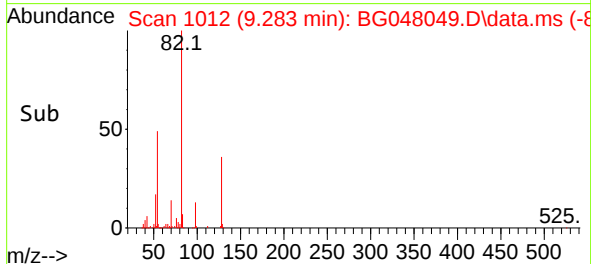
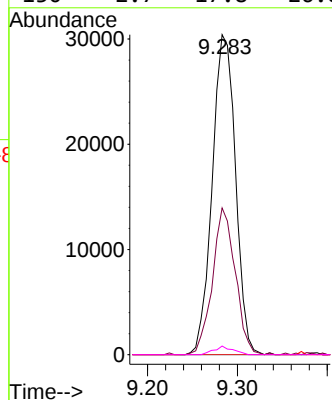
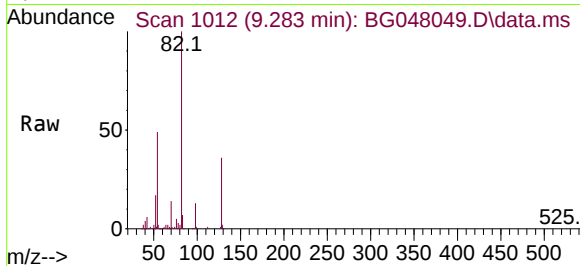




#19
n-Nitroso-di-n-propylamine
Concen: 15.21 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

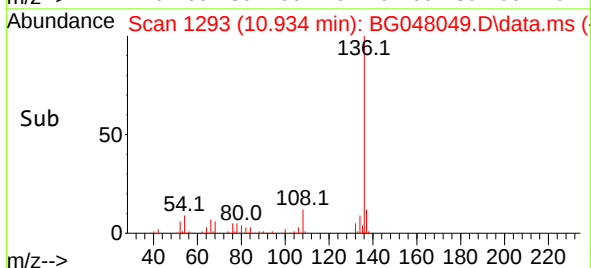
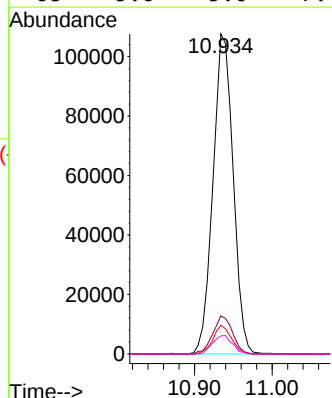
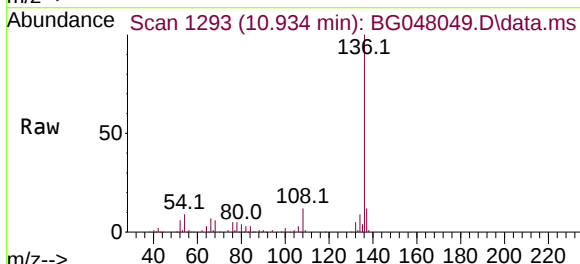
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

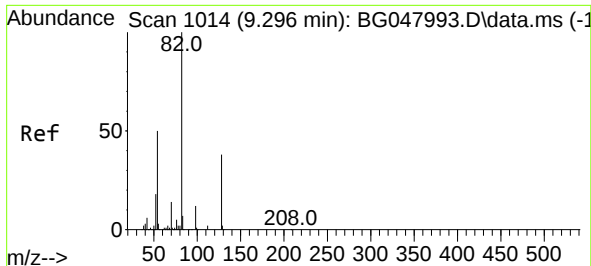
Tgt Ion: 70	Resp: 54760
Ion Ratio	Lower Upper
70 100	
42 45.8	45.6 68.4
101 0.0	8.4 12.6#
130 2.7	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1293
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion: 136	Resp: 194444
Ion Ratio	Lower Upper
136 100	
137 11.9	9.1 13.7
54 8.9	6.2 9.4
68 5.6	5.0 7.4

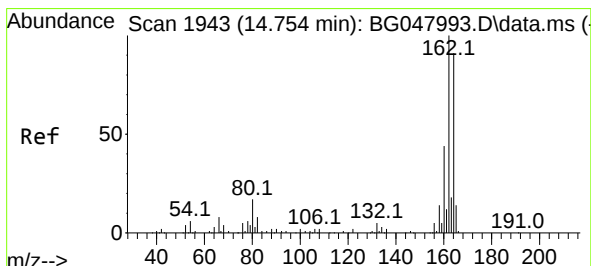
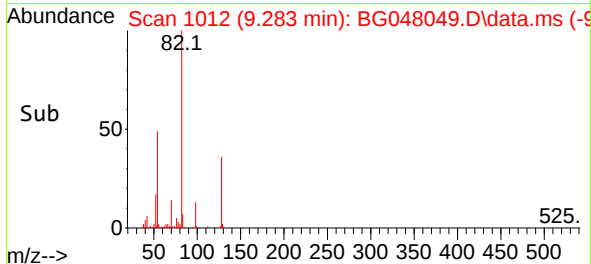
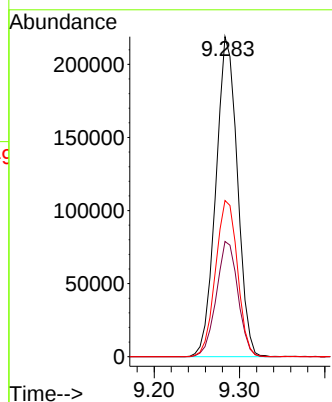
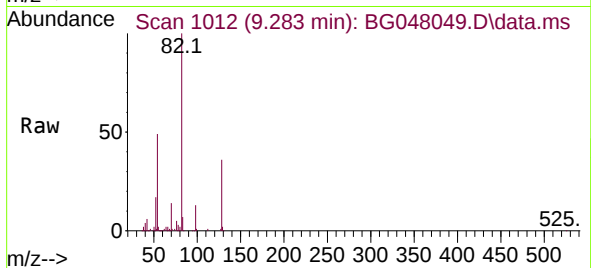




#23
Nitrobenzene-d5
Concen: 78.29 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

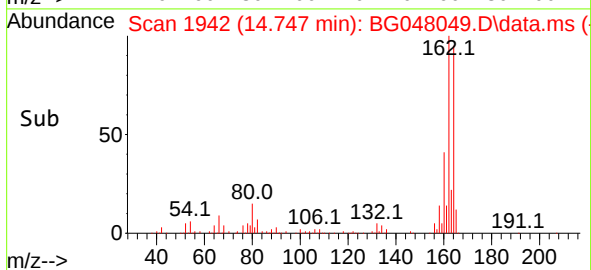
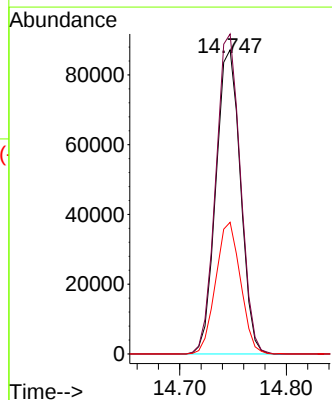
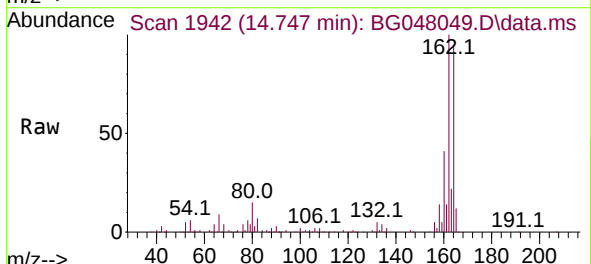
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

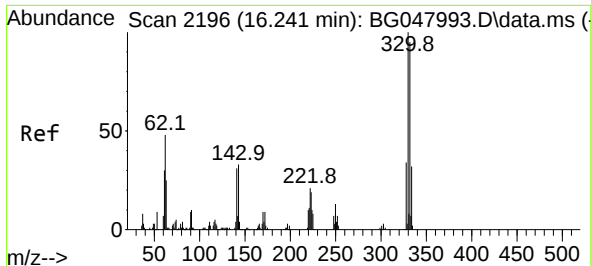
Tgt Ion: 82 Resp: 384742
Ion Ratio Lower Upper
82 100
128 36.0 37.0 55.6#
54 48.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion:164 Resp: 138828
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 43.3 35.3 52.9

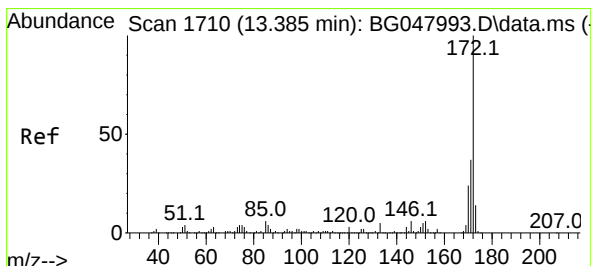
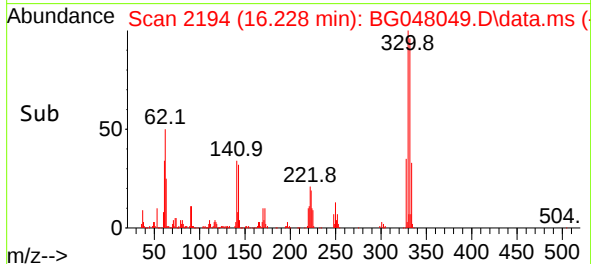
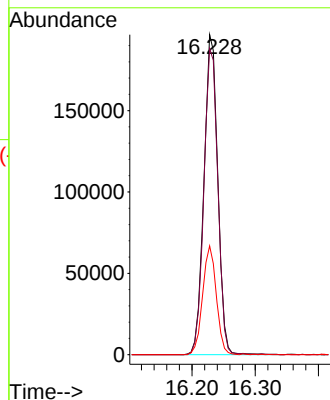
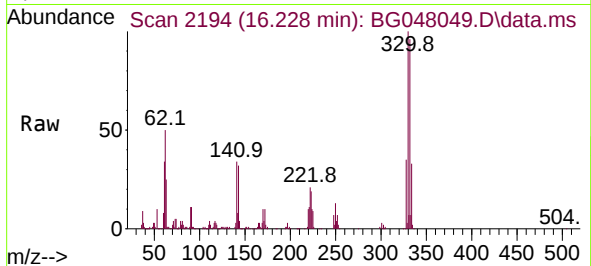




#42
2,4,6-Tribromophenol
Concen: 129.10 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

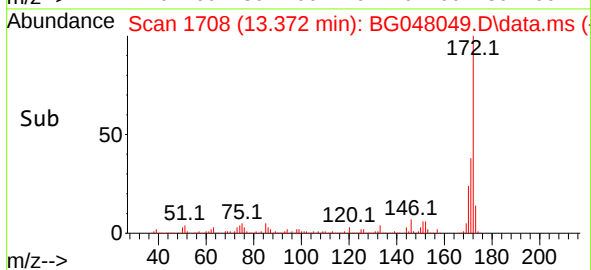
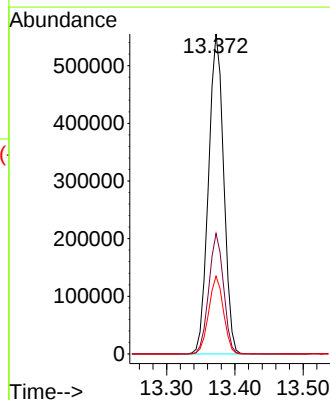
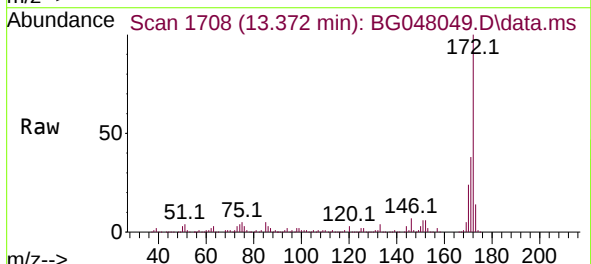
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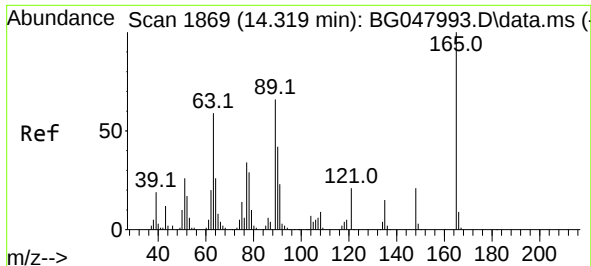
Tgt Ion:330 Resp: 298514
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 33.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.02 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion:172 Resp: 859220
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.3 20.8 31.2

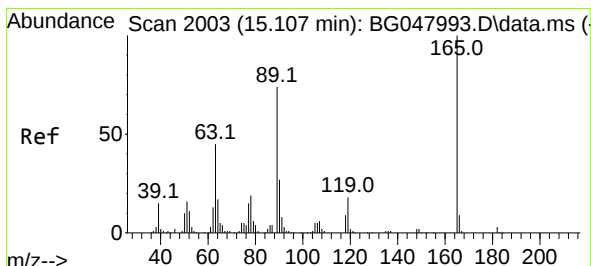
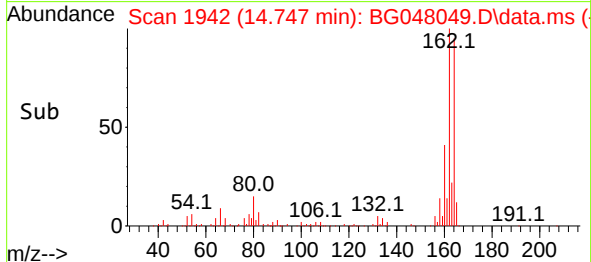
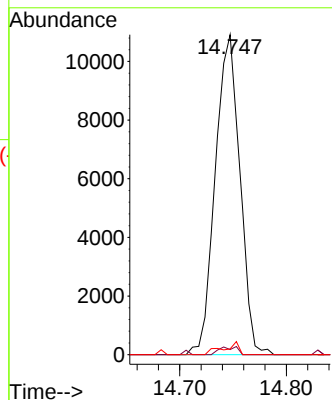
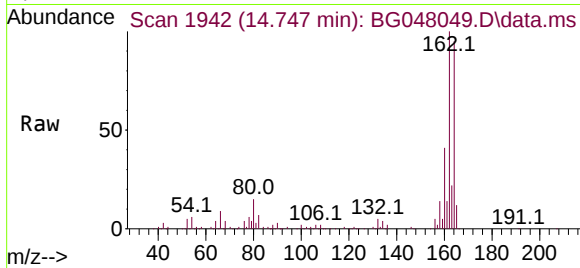




#51
2,6-Dinitrotoluene
Concen: 6.69 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.428 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

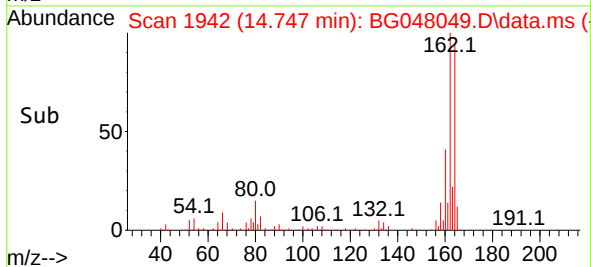
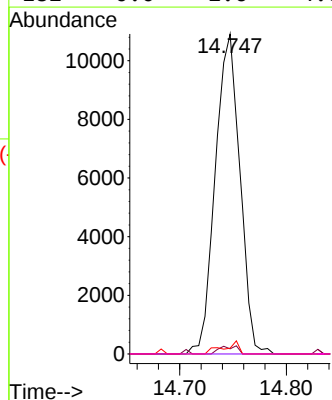
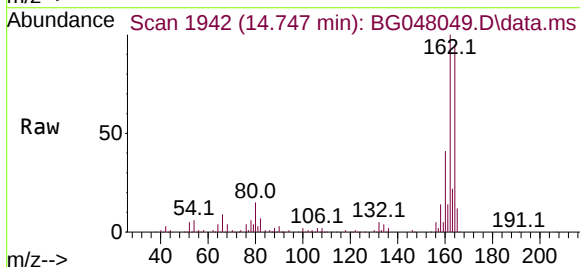
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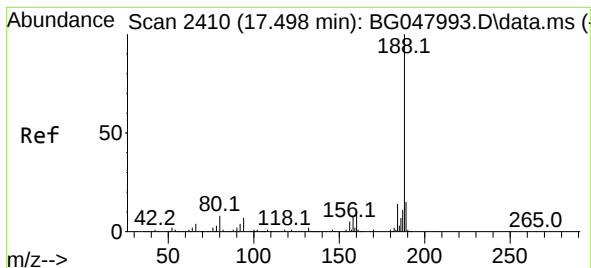
Tgt Ion:165 Resp: 17482
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 1.8 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.63 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion:165 Resp: 17482
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#

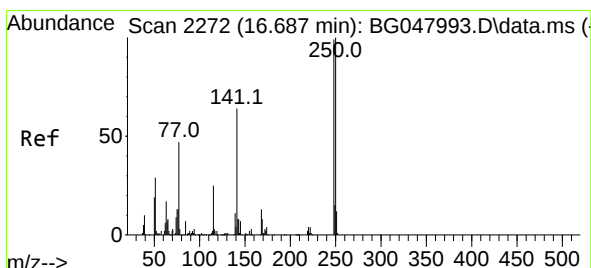
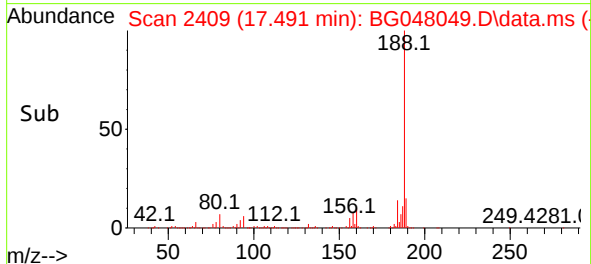
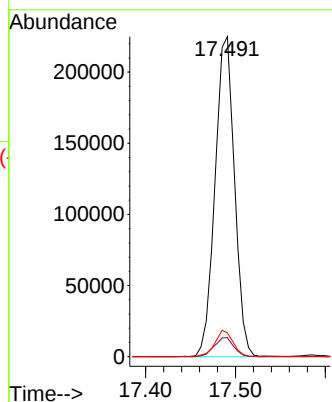
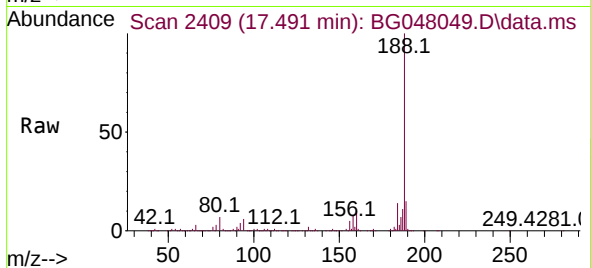




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

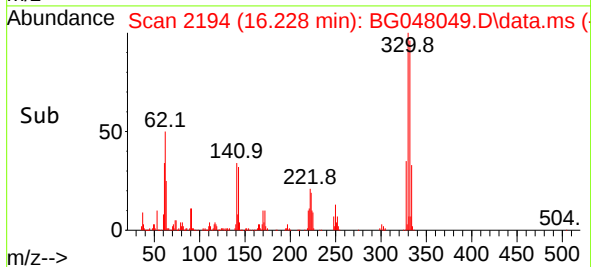
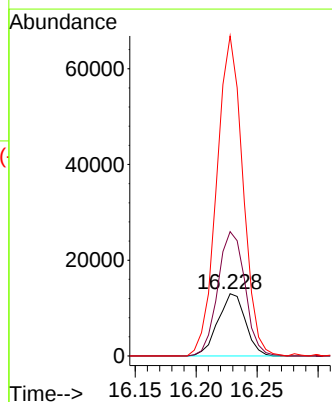
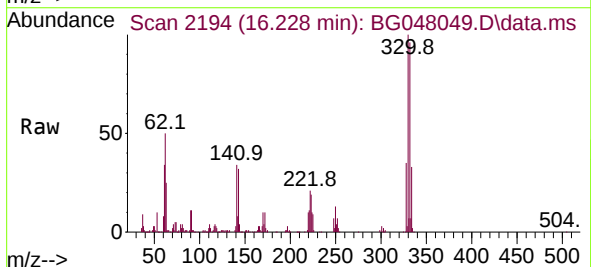
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ClientSampleId :
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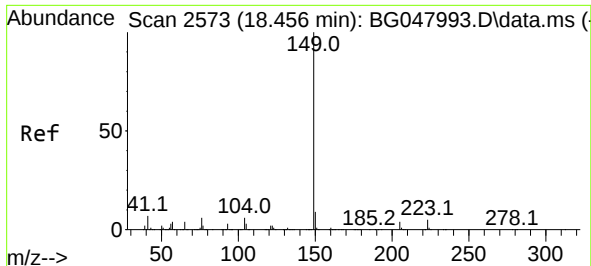
Tgt Ion:188 Resp: 338786
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.459 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion:248 Resp: 20406
Ion Ratio Lower Upper
248 100
250 200.0 78.9 118.3#
141 514.5 46.2 69.4#

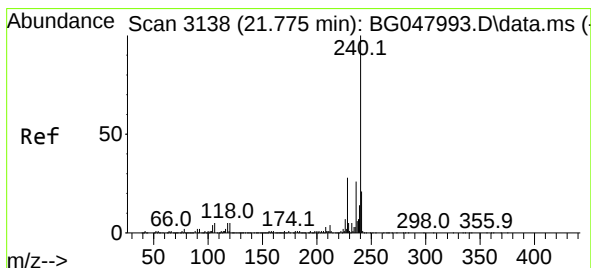
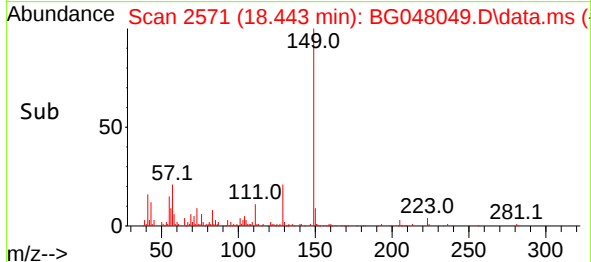
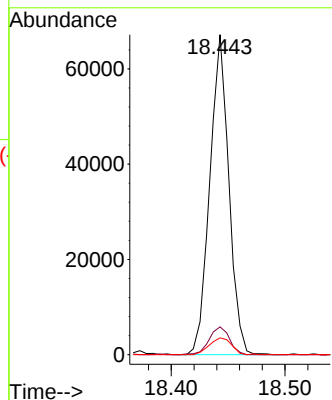
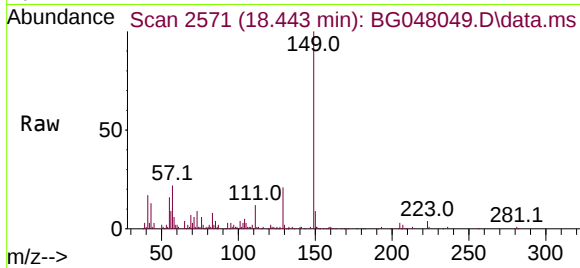




#74
Di-n-butylphthalate
Concen: 3.57 ng
RT: 18.443 min Scan# 2571
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

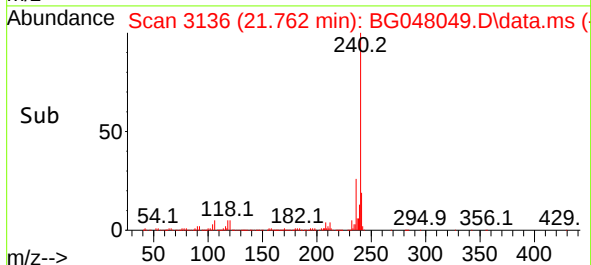
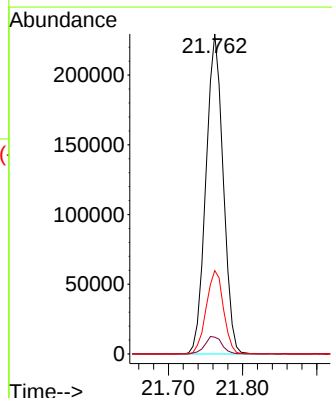
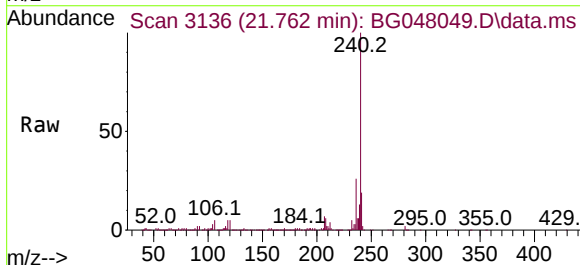
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

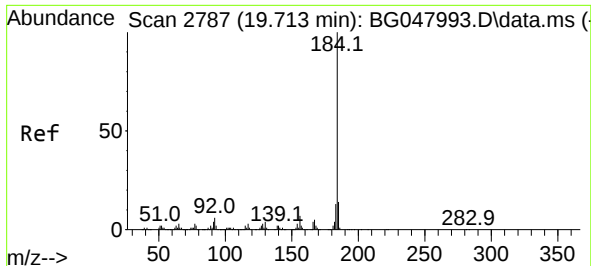
Tgt Ion:149	Resp:	78120
Ion Ratio	Lower	Upper
149	100	
150	8.7	8.2 12.4
104	5.2	3.8 5.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3136
Delta R.T. -0.013 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

Tgt Ion:240	Resp:	371050
Ion Ratio	Lower	Upper
240	100	
120	5.2	6.2 9.4#
236	26.0	20.5 30.7

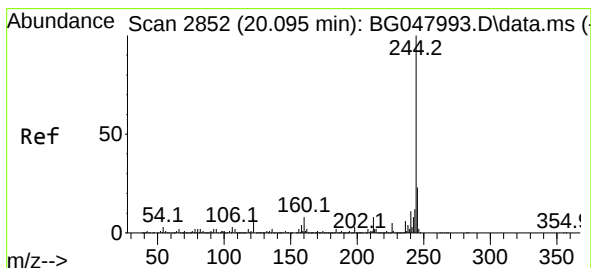
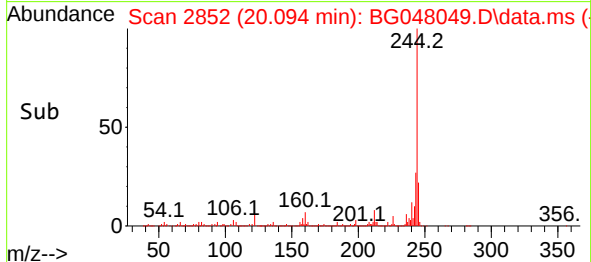
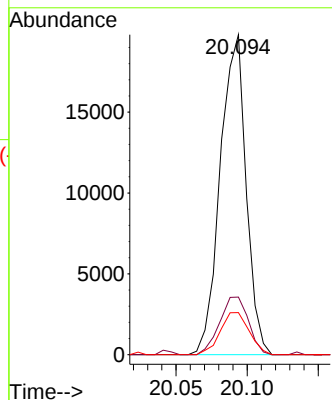
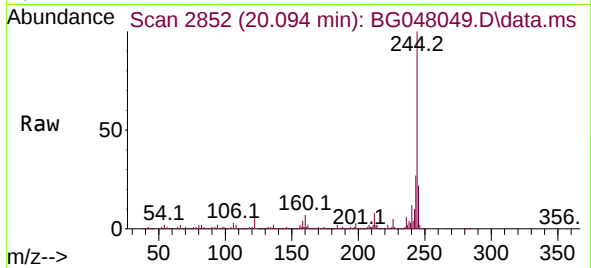




#77
Benzidine
Concen: 2.34 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.381 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

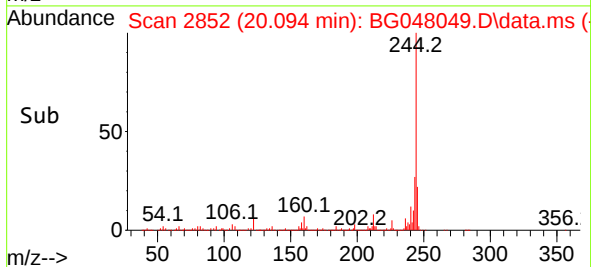
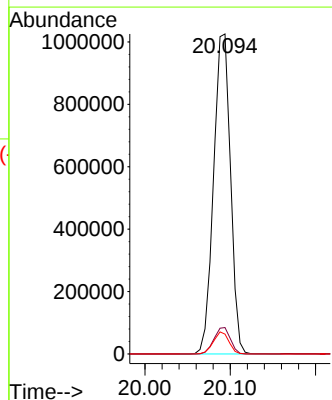
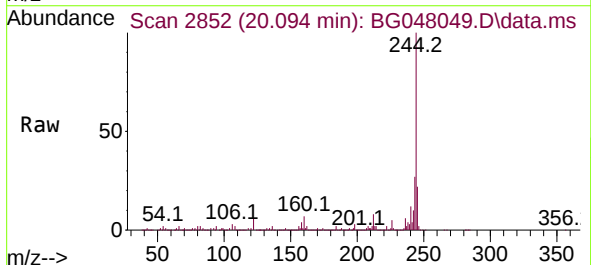
Instrument :
BNA_G
ClientSampleId :
0055-052-COMP-I-ELUTRIATE

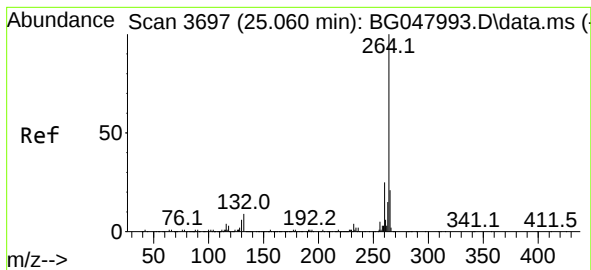
Tgt Ion:184 Resp: 25035
Ion Ratio Lower Upper
184 100
185 18.0 12.4 18.6
183 13.2 10.6 15.8



#79
Terphenyl-d14
Concen: 65.95 ng
RT: 20.094 min Scan# 2852
Delta R.T. -0.001 min
Lab File: BG048049.D
Acq: 28 Jan 2021 5:02

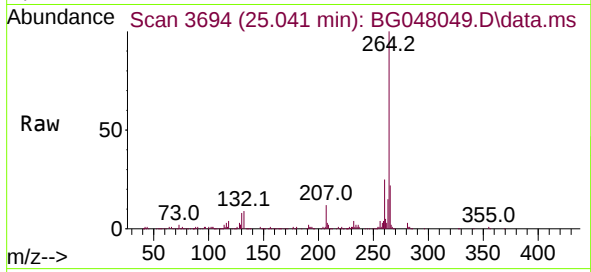
Tgt Ion:244 Resp: 1411351
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.2 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.041 min Scan# 3694
 Delta R.T. -0.019 min
 Lab File: BG048049.D
 Acq: 28 Jan 2021 5:02

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



Tgt Ion:	264	Resp:	366984
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.8	28.2
265	21.7	17.8	26.8

