

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048044.D
 Acq On : 28 Jan 2021 1:41
 Operator : CG/JU
 Sample : M1226-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0049-043-COMP-C-ELUTRIATE

Quant Time: Jan 28 03:58:07 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)

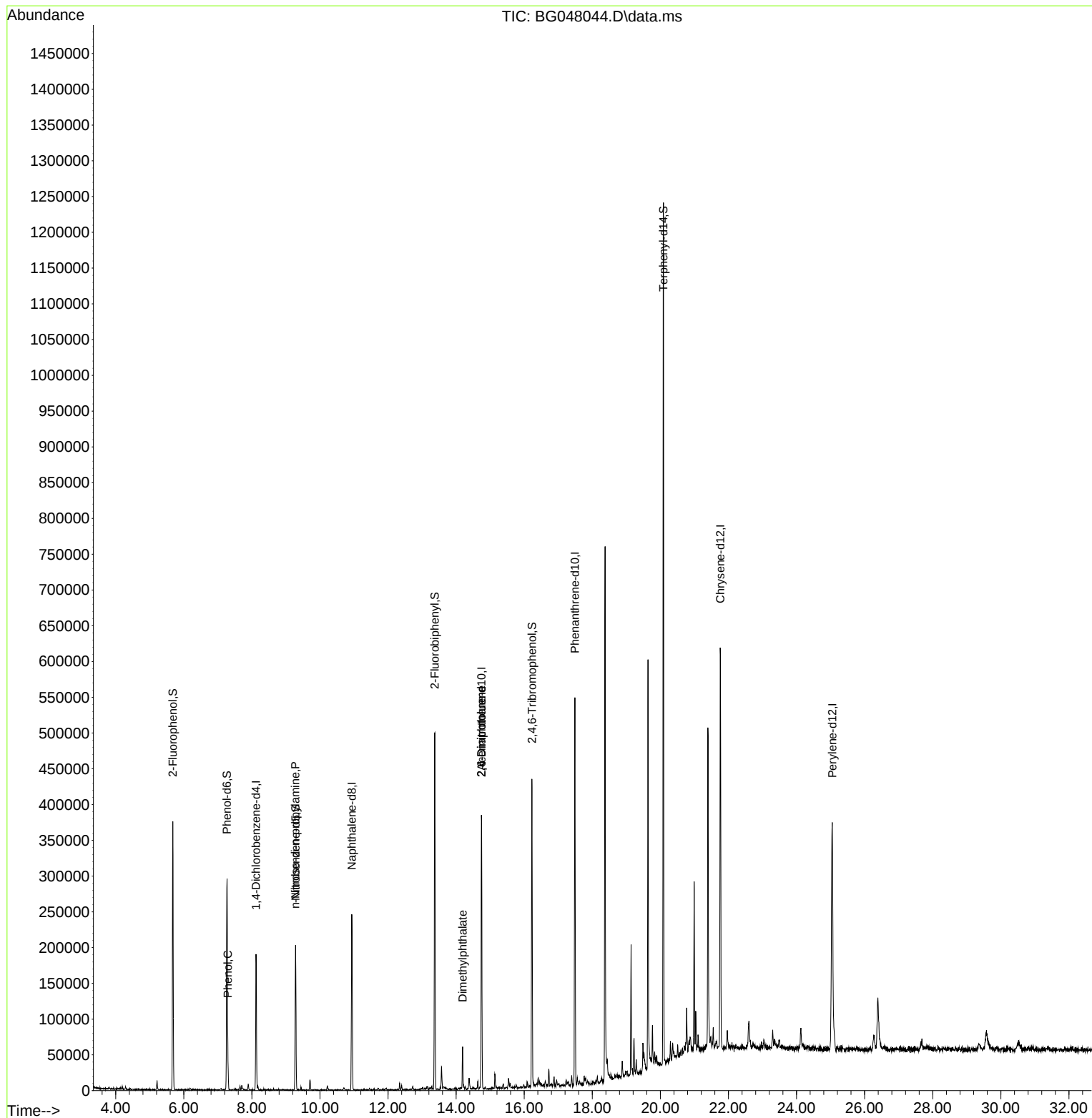
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	51367	20.00	ng	-0.01
21) Naphthalene-d8	10.936	136	194391	20.00	ng	-0.01
39) Acenaphthene-d10	14.743	164	136041	20.00	ng	-0.01
64) Phenanthrene-d10	17.487	188	331757	20.00	ng	#-0.01
76) Chrysene-d12	21.758	240	357824	20.00	ng	#-0.02
86) Perylene-d12	25.049	264	357509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.677	112	150031	44.89	ng	-0.01
7) Phenol-d6	7.269	99	159344	31.36	ng	-0.01
23) Nitrobenzene-d5	9.285	82	127287	25.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.229	330	84724	37.39	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	267972	25.47	ng	-0.02
79) Terphenyl-d14	20.090	244	551203	26.71	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.293	94	22294	4.58	ng	# 72
19) n-Nitroso-di-n-propyla...	9.279	70	18413	4.96	ng	# 72
50) Dimethylphthalate	14.191	163	36870	2.99	ng	98
51) 2,6-Dinitrotoluene	14.749	165	18665	7.29	ng	# 34
57) 2,4-Dinitrotoluene	14.749	165	18665	5.05	ng	# 32

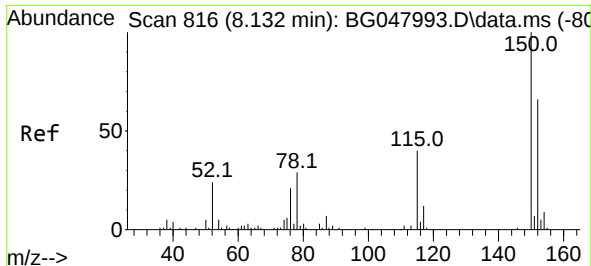
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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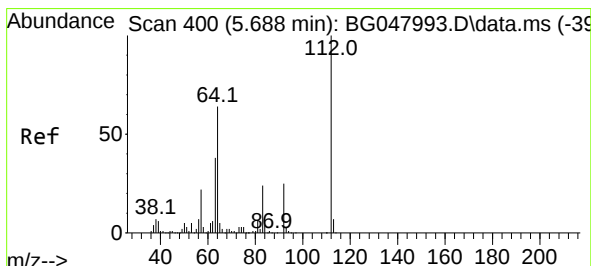
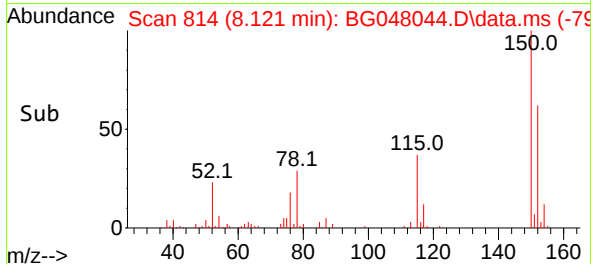
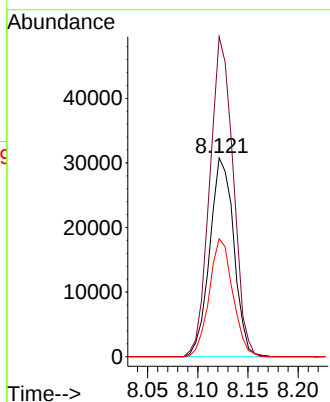
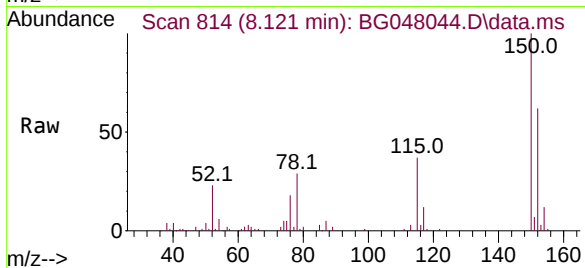




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.121 min Scan# 814
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

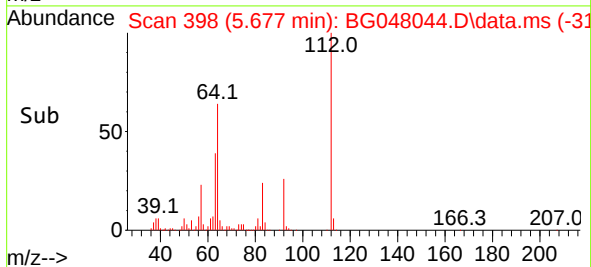
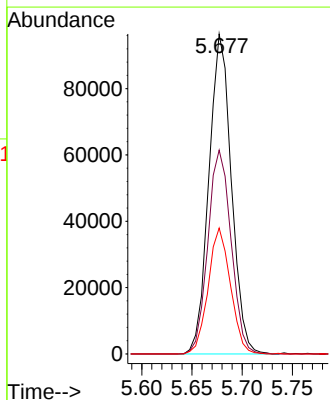
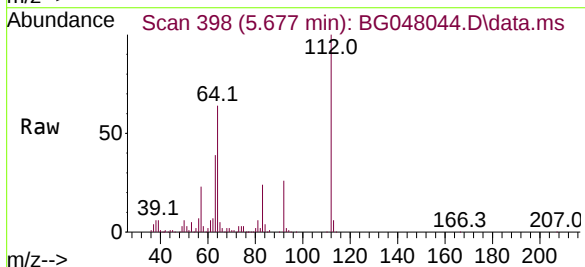
Instrument :
BNA_G
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

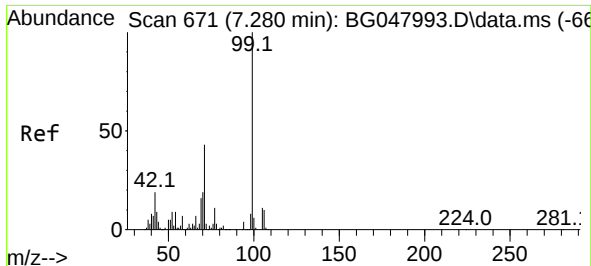
Tgt Ion:152 Resp: 51367
Ion Ratio Lower Upper
152 100
150 161.0 125.0 187.6
115 59.3 41.8 62.6



#5
2-Fluorophenol
Concen: 44.89 ng
RT: 5.677 min Scan# 398
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

Tgt Ion:112 Resp: 150031
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 39.4 22.8 34.2#

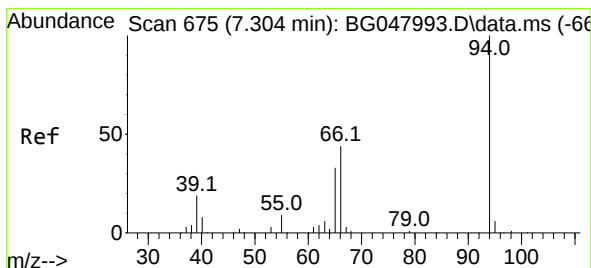
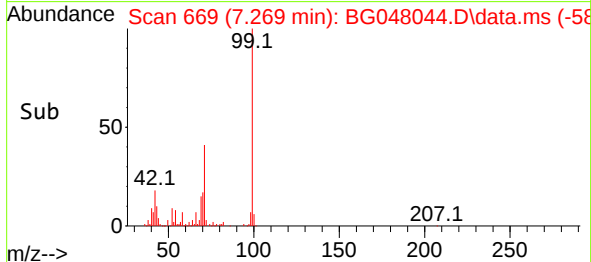
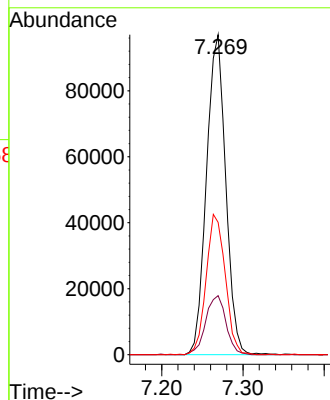
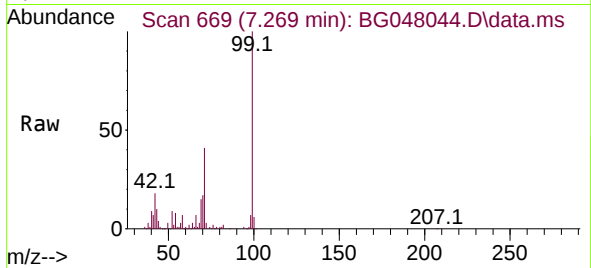




#7
Phenol-d6
Concen: 31.36 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

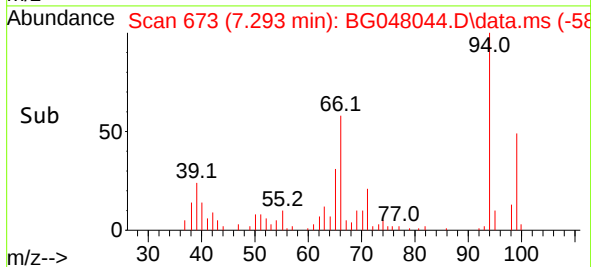
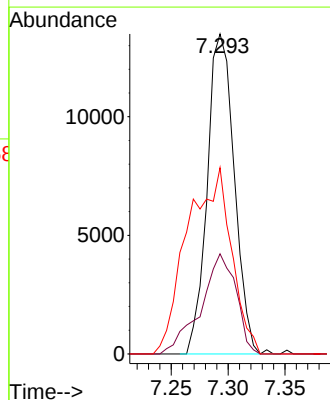
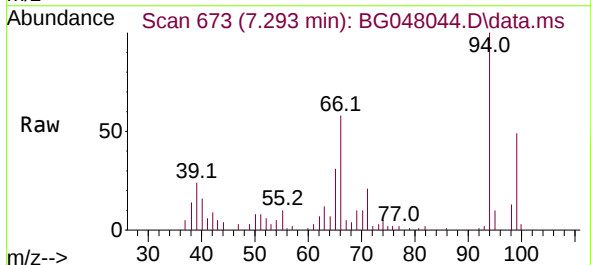
Instrument :
BNA_G
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

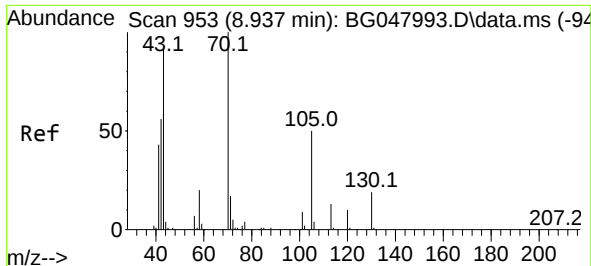
Tgt Ion: 99 Resp: 159344
Ion Ratio Lower Upper
99 100
42 18.5 12.8 19.2
71 41.3 24.6 36.8#



#10
Phenol
Concen: 4.58 ng
RT: 7.293 min Scan# 673
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

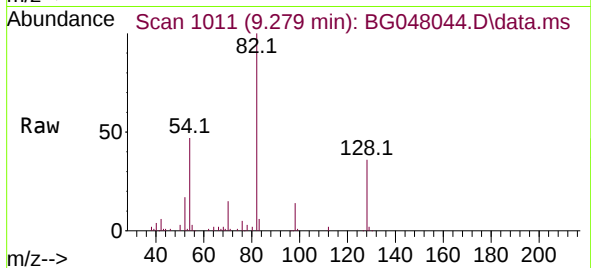
Tgt Ion: 94 Resp: 22294
Ion Ratio Lower Upper
94 100
65 31.3 6.6 46.6
66 58.2 13.9 53.9#



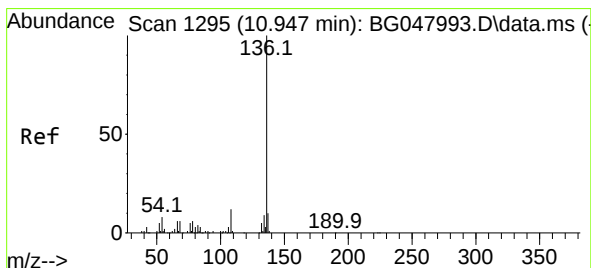
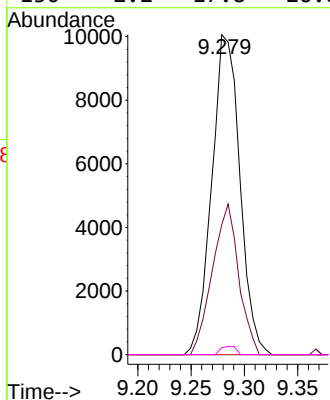
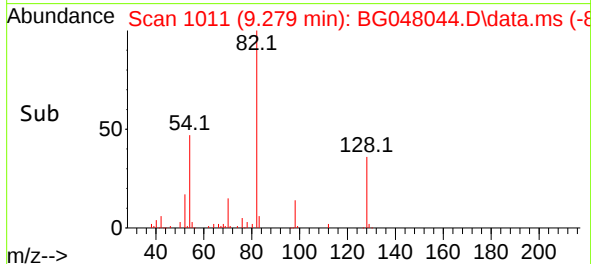


#19
n-Nitroso-di-n-propylamine
Concen: 4.96 ng
RT: 9.279 min Scan# 1011
Delta R.T. 0.341 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

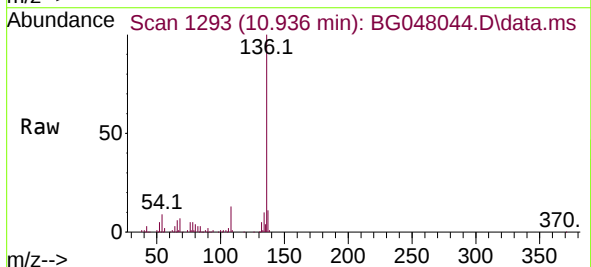
Instrument :
BNA_G
ClientSampleId :
0049-043-COMP-C-ELUTRIATE



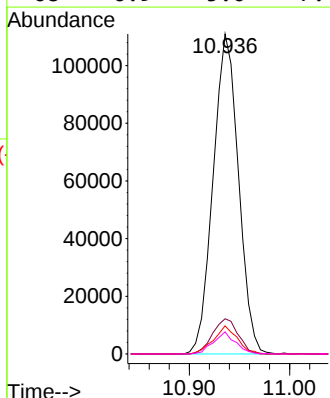
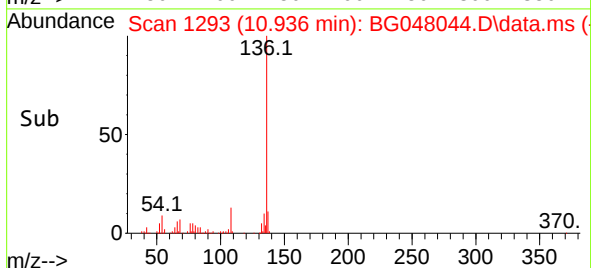
Tgt Ion: 70 Resp: 18413
Ion Ratio Lower Upper
70 100
42 40.6 45.6 68.4#
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#

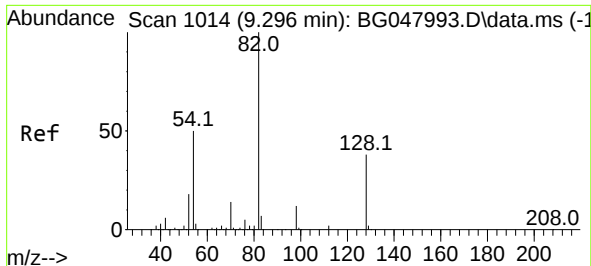


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41



Tgt Ion: 136 Resp: 194391
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.8 6.2 9.4
68 6.9 5.0 7.4

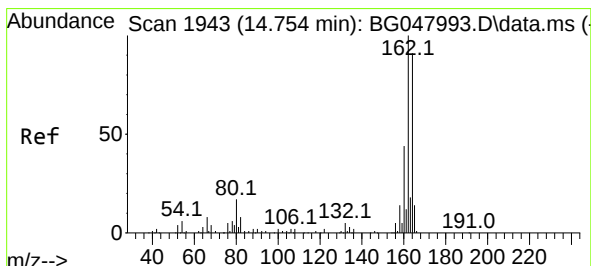
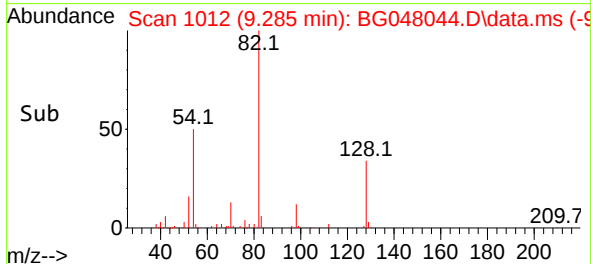
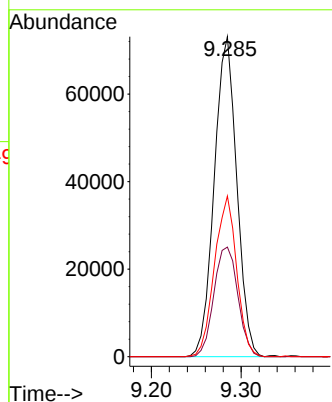
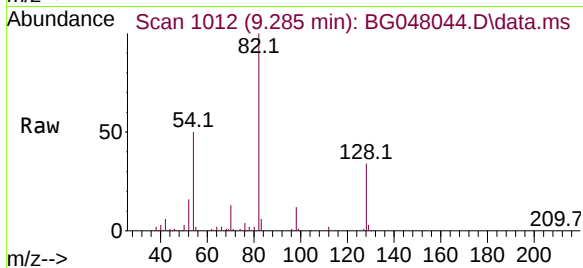




#23
Nitrobenzene-d5
Concen: 25.91 ng
RT: 9.285 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

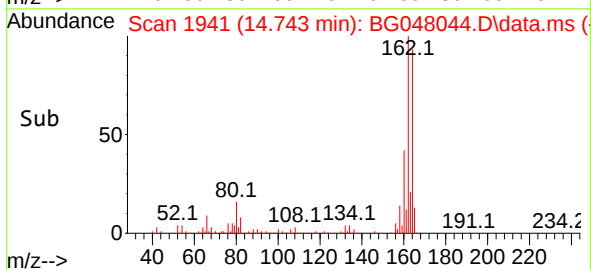
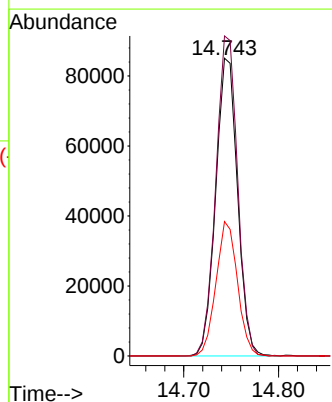
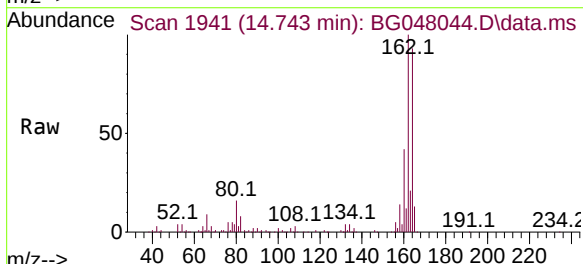
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ClientSampleId :
0049-043-COMP-C-ELUTRIATE

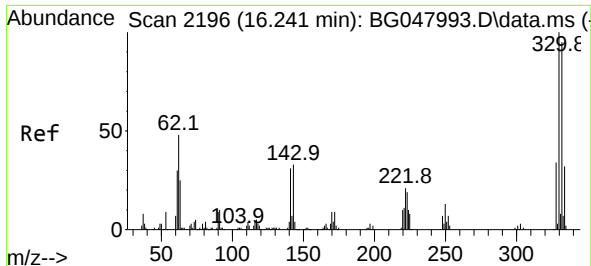
Tgt Ion: 82 Resp: 127287
Ion Ratio Lower Upper
82 100
128 34.2 37.0 55.6#
54 50.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

Tgt Ion: 164 Resp: 136041
Ion Ratio Lower Upper
164 100
162 107.5 82.3 123.5
160 45.2 35.3 52.9

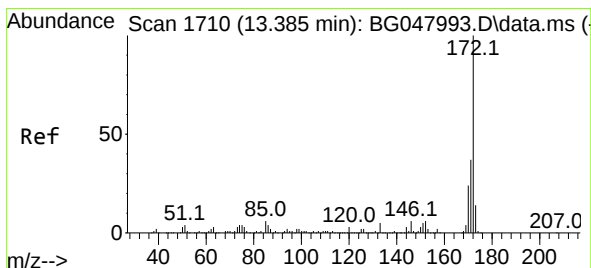
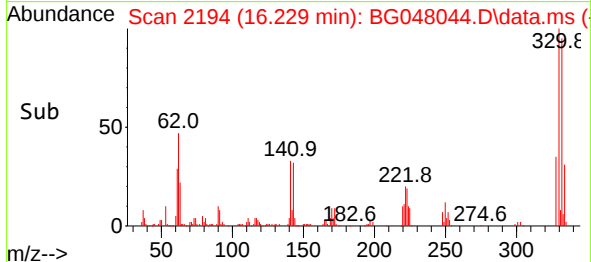
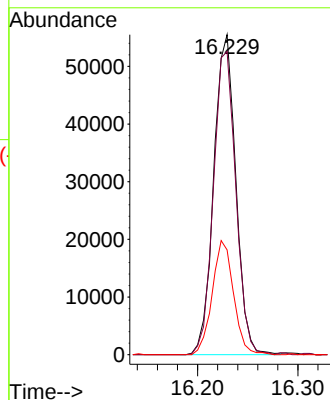
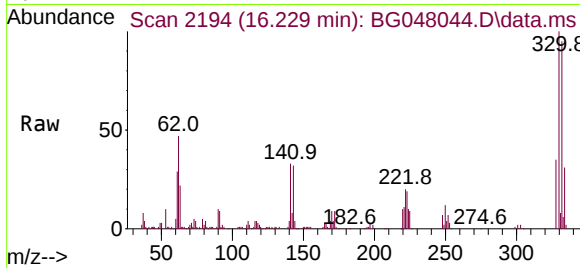




#42
2,4,6-Tribromophenol
Concen: 37.39 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

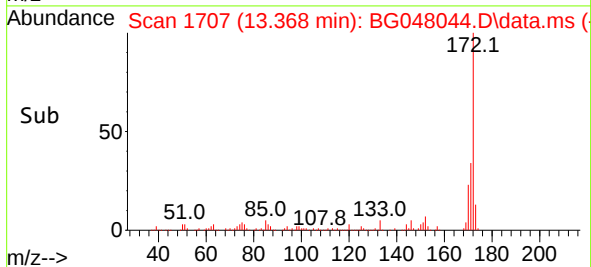
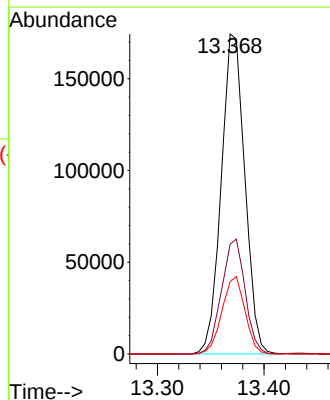
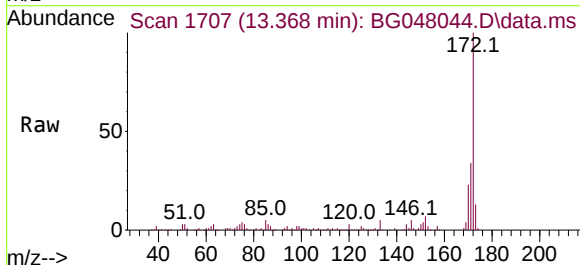
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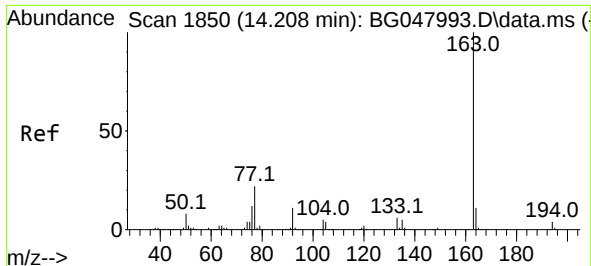
Tgt Ion:330 Resp: 84724
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 34.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 25.47 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.017 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

Tgt Ion:172 Resp: 267972
Ion Ratio Lower Upper
172 100
171 34.3 31.3 46.9
170 22.5 20.8 31.2

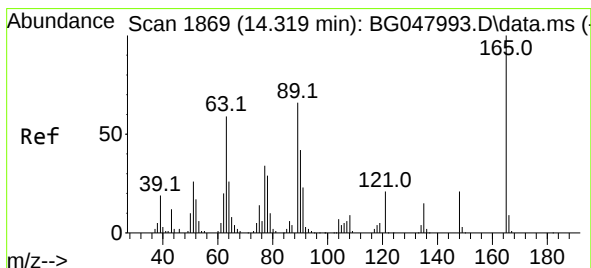
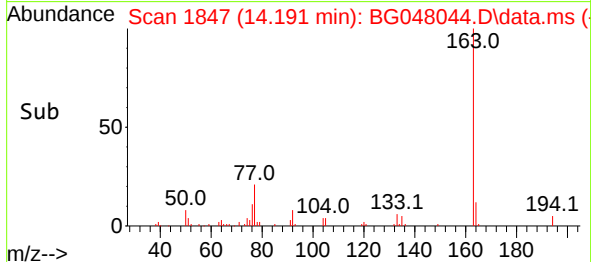
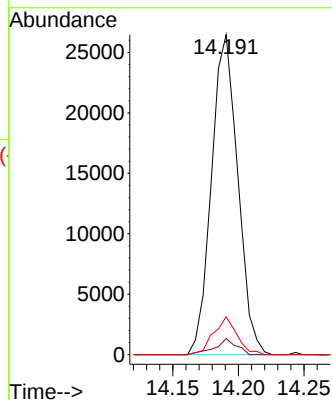
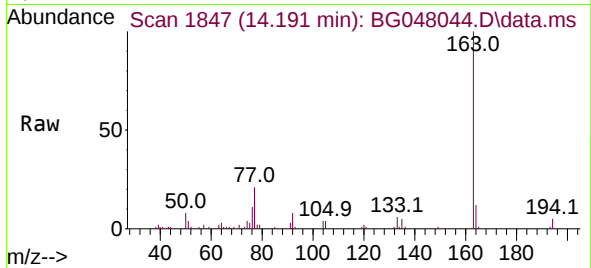




#50
Dimethylphthalate
Concen: 2.99 ng
RT: 14.191 min Scan# 1847
Delta R.T. -0.017 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

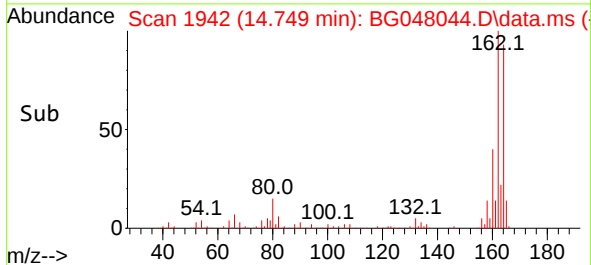
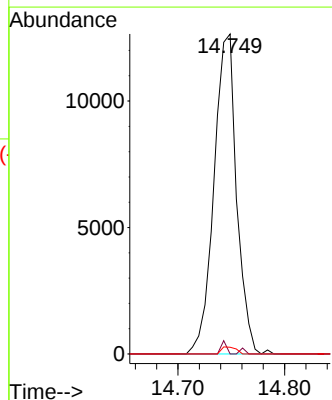
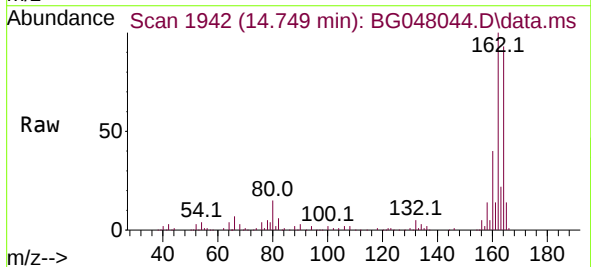
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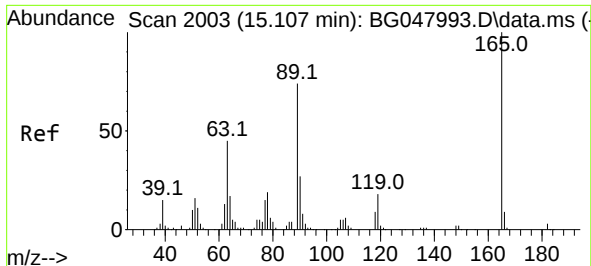
Tgt Ion:163 Resp: 36870
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 11.9 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 14.749 min Scan# 1942
Delta R.T. 0.430 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

Tgt Ion:165 Resp: 18665
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.1 36.6 54.8#

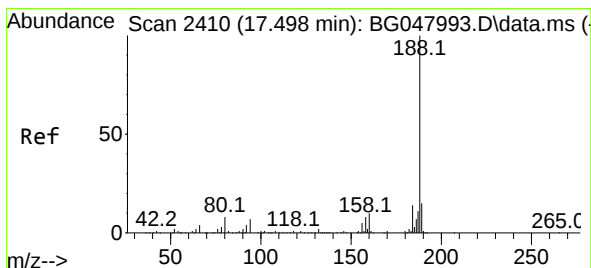
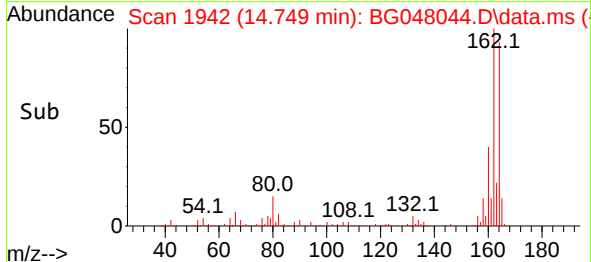
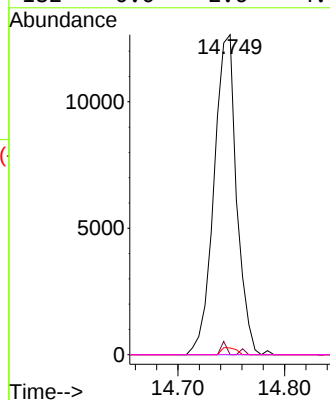
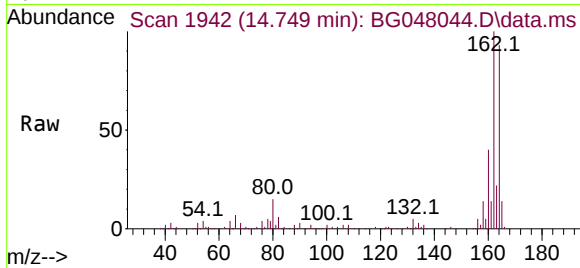




#57
2,4-Dinitrotoluene
Concen: 5.05 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.358 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

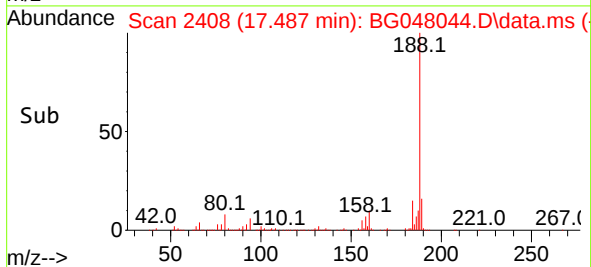
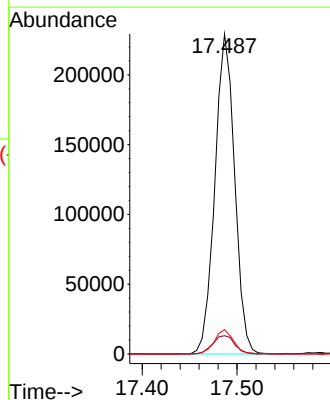
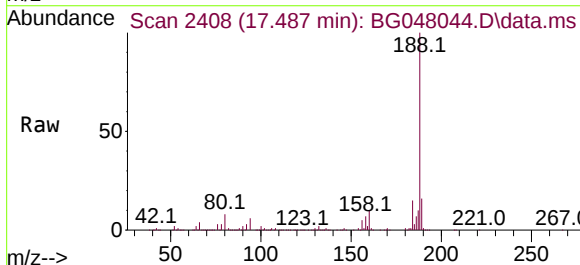
Instrument :
BNA_G
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0049-043-COMP-C-ELUTRIATE

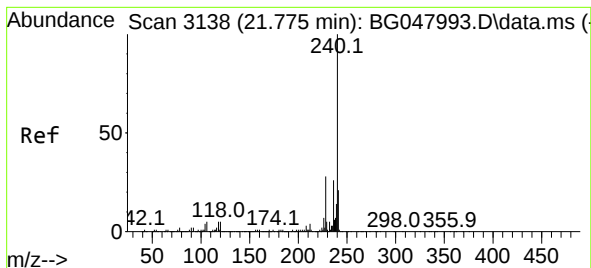
Tgt Ion:165	Resp:	18665
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4
89	2.1	47.8
182	0.0	2.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.487 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG048044.D
Acq: 28 Jan 2021 1:41

Tgt Ion:188	Resp:	331757
Ion Ratio	Lower	Upper
188	100	
94	5.7	6.3
80	7.6	7.0





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.758 min Scan# 3135

Delta R.T. -0.017 min

Lab File: BG048044.D

Acq: 28 Jan 2021 1:41

Tgt Ion:240 Resp: 357824

Ion Ratio Lower Upper

240 100

120 5.4 6.2 9.4#

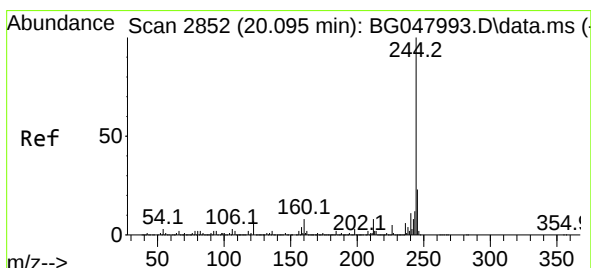
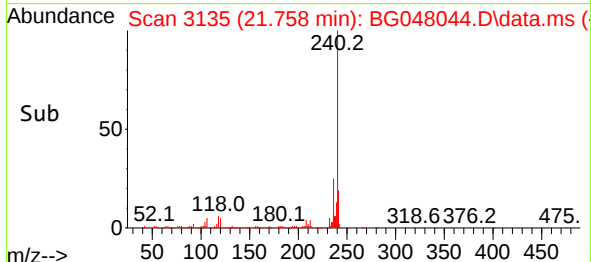
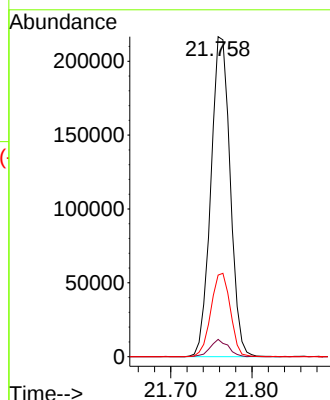
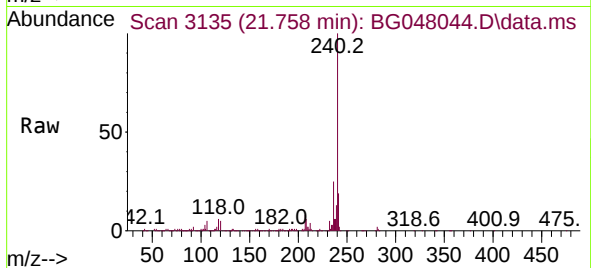
236 25.5 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

0049-043-COMP-C-ELUTRIATE



#79

Terphenyl-d14

Concen: 26.71 ng

RT: 20.090 min Scan# 2851

Delta R.T. -0.005 min

Lab File: BG048044.D

Acq: 28 Jan 2021 1:41

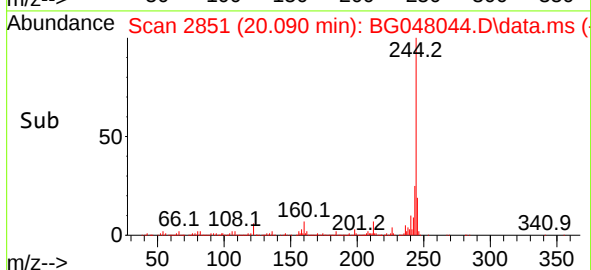
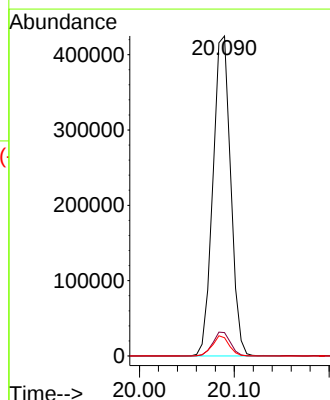
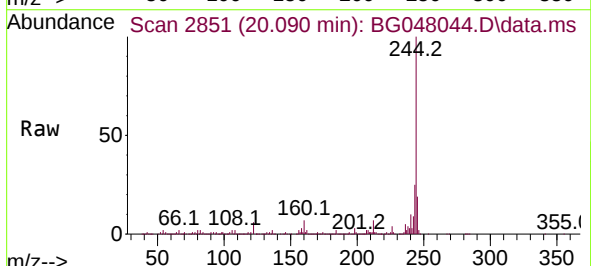
Tgt Ion:244 Resp: 551203

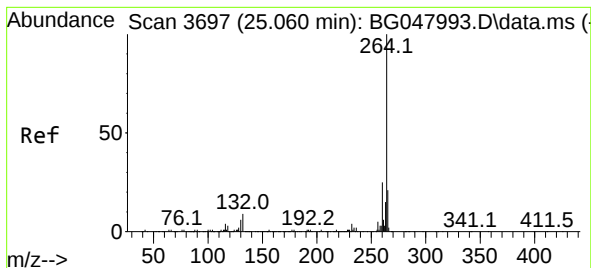
Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

122 5.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.049 min Scan# 3695
 Delta R.T. -0.011 min
 Lab File: BG048044.D
 Acq: 28 Jan 2021 1:41

Instrument :
 BNA_G
 ClientSampleId :
 0049-043-COMP-C-ELUTRIATE

Tgt Ion:264 Resp: 357509
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 21.8 17.8 26.8

