

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048511.D
 Acq On : 25 Mar 2021 21:07
 Operator : CG/JU
 Sample : M1796-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB-2021-WW-000-06

Quant Time: Mar 26 00:47:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

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

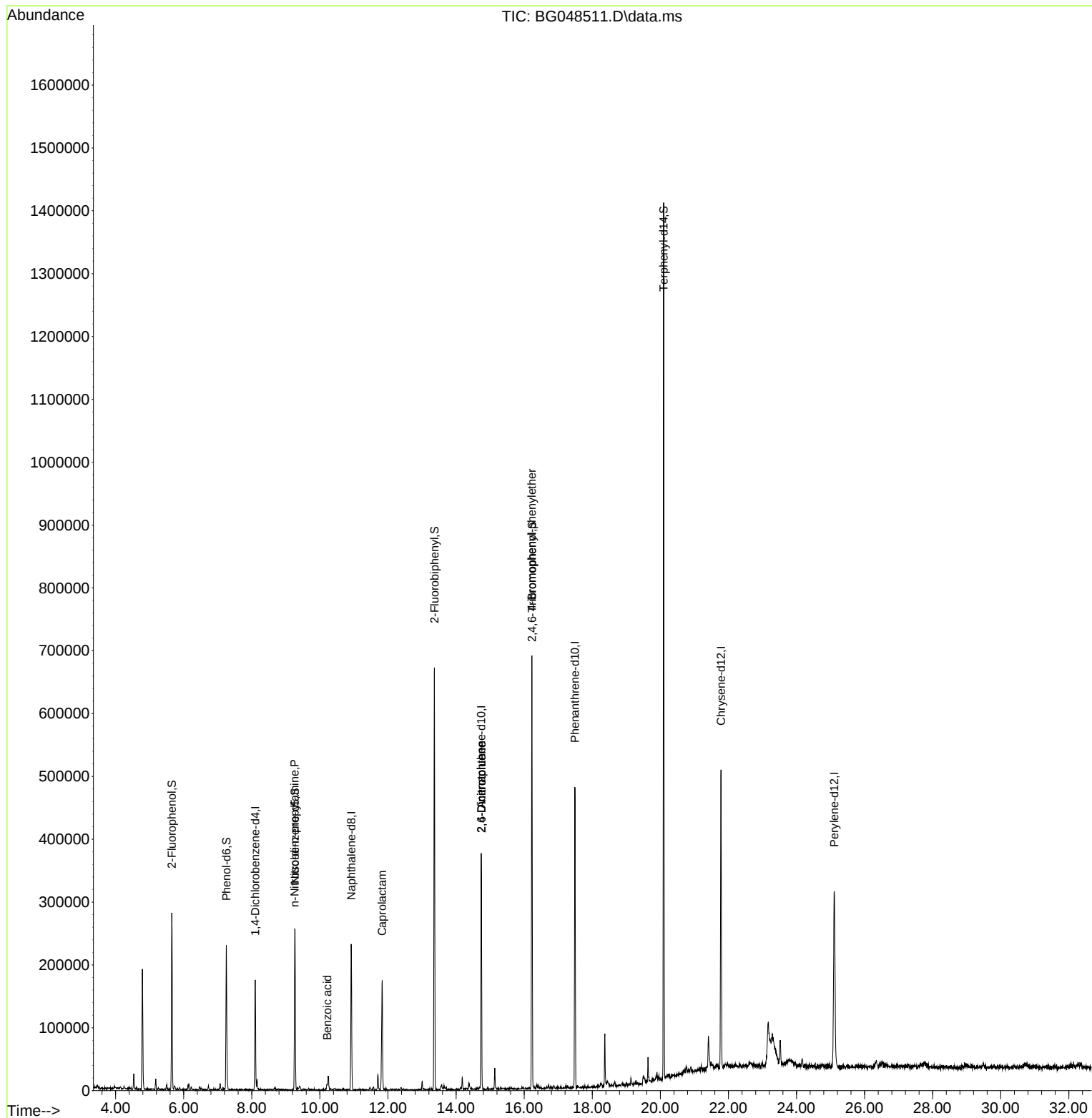
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	46377	20.00	ng	# 0.00
21) Naphthalene-d8	10.920	136	181050	20.00	ng	# 0.00
39) Acenaphthene-d10	14.739	164	127171	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	294698	20.00	ng	# 0.00
76) Chrysene-d12	21.784	240	295222	20.00	ng	# 0.00
86) Perylene-d12	25.109	264	313980	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	106634	38.02	ng	0.00
7) Phenol-d6	7.254	99	116334	28.51	ng	0.00
23) Nitrobenzene-d5	9.263	82	161063	35.57	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	128245	62.01	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	343011	38.80	ng	0.00
79) Terphenyl-d14	20.098	244	599968	36.65	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.242	77	277	Below Cal	#	25
19) n-Nitroso-di-n-propyla...	9.257	70	23939	7.90	ng	# 73
32) Benzoic acid	10.215	122	4515	2.02	ng	# 78
35) Caprolactam	11.831	113	35065	29.42	ng	# 87
51) 2,6-Dinitrotoluene	14.745	165	17470	7.84	ng	# 35
57) 2,4-Dinitrotoluene	14.745	165	17470	5.52	ng	# 33
67) 4-Bromophenyl-phenylether	16.226	248	8448	2.28	ng	# 1

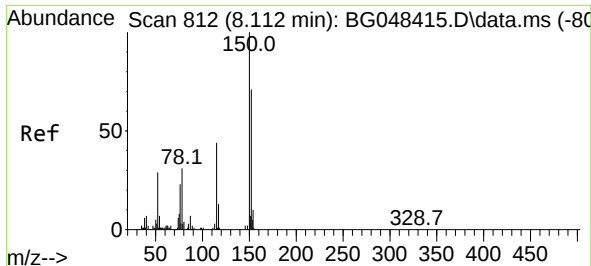
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 25 02:47:17 2021
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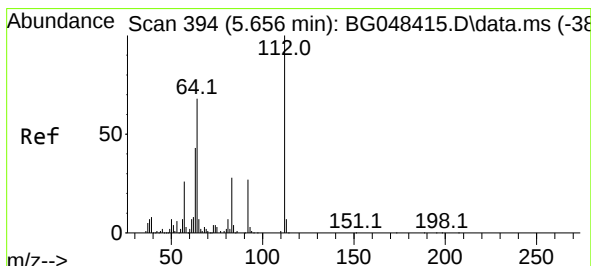
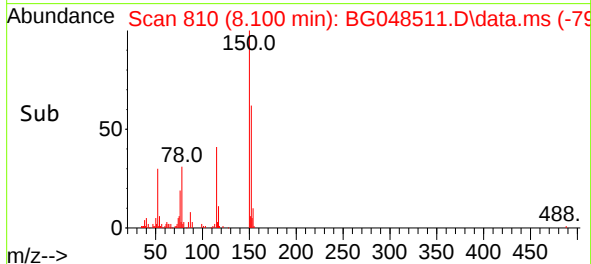
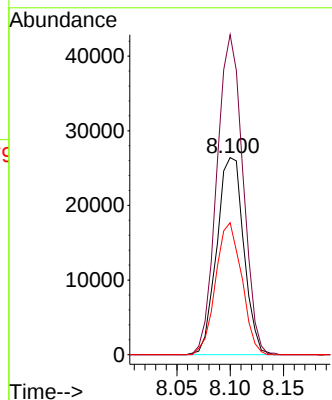
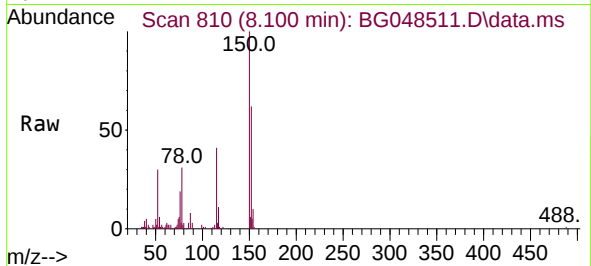




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.003 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

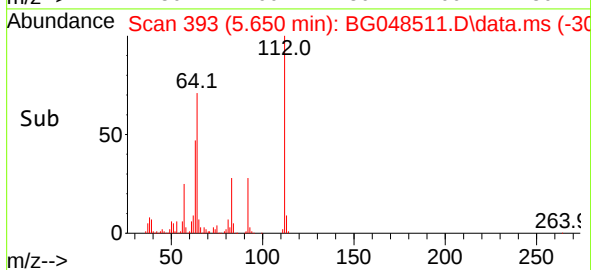
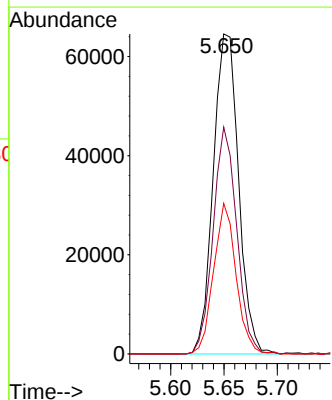
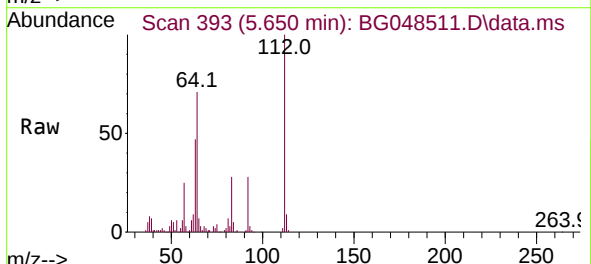
Instrument :
BNA_G
ClientSampleId :
PB-2021-WW-000-06

Tgt Ion:152 Resp: 46377
Ion Ratio Lower Upper
152 100
150 162.3 125.0 187.6
115 67.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 38.02 ng
RT: 5.650 min Scan# 393
Delta R.T. 0.003 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:112 Resp: 106634
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 47.1 22.8 34.2#

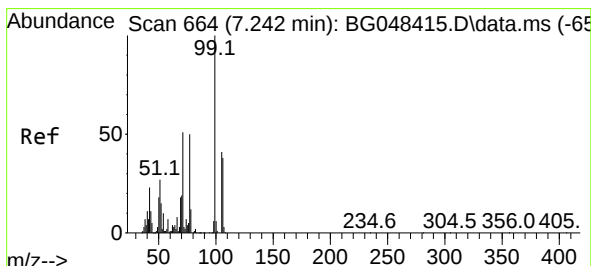
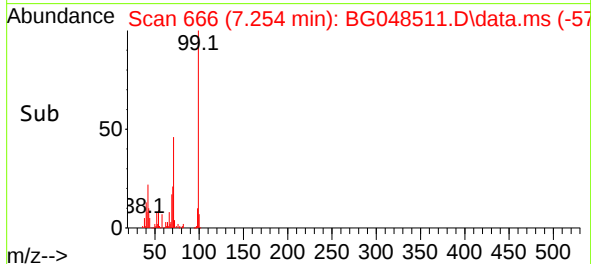
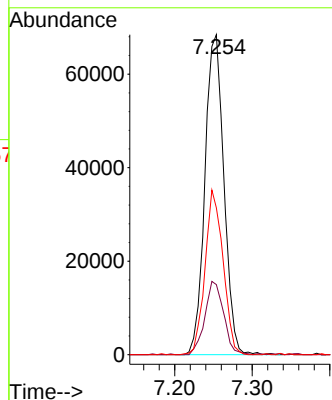
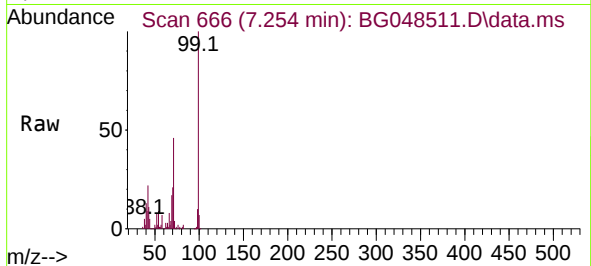




#7
Phenol-d6
Concen: 28.51 ng
RT: 7.254 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

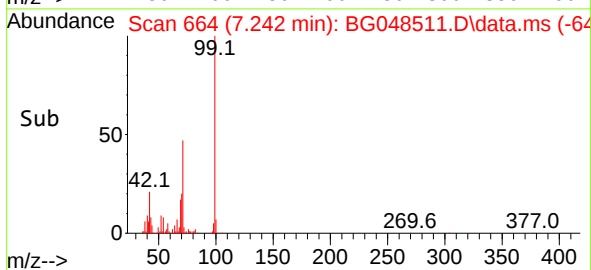
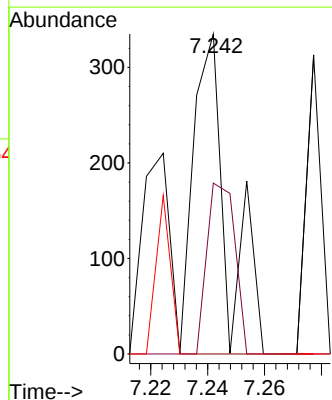
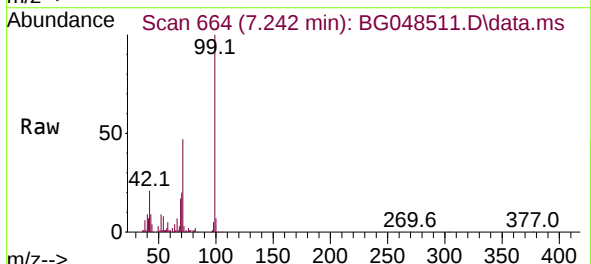
Instrument :
BNA_G
ClientSampleId :
PB-2021-WW-000-06

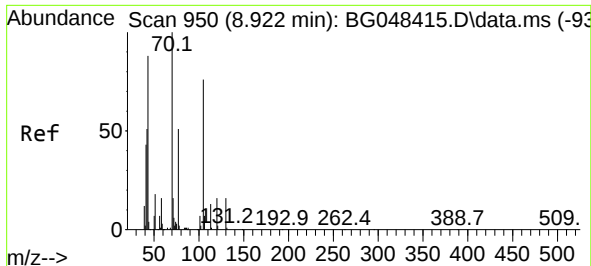
Tgt Ion: 99 Resp: 116334
Ion Ratio Lower Upper
99 100
42 21.9 12.8 19.2#
71 45.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.242 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion: 77 Resp: 277
Ion Ratio Lower Upper
77 100
105 53.4 85.9 125.9#
106 0.0 80.9 120.9#

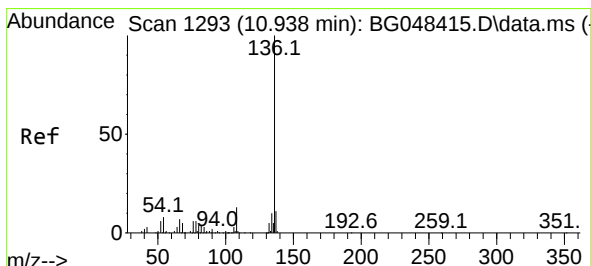
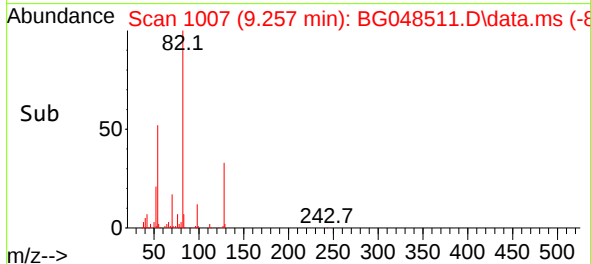
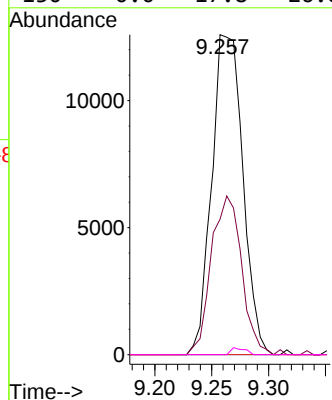
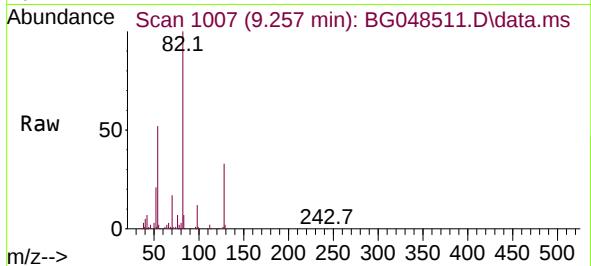




#19
n-Nitroso-di-n-propylamine
Concen: 7.90 ng
RT: 9.257 min Scan# 1007
Delta R.T. 0.344 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

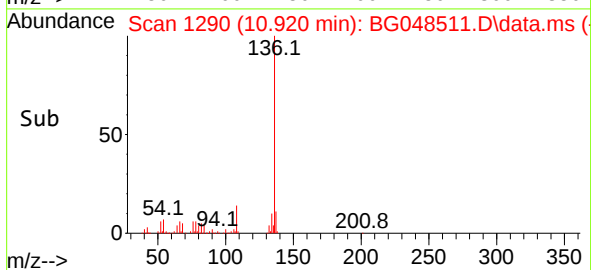
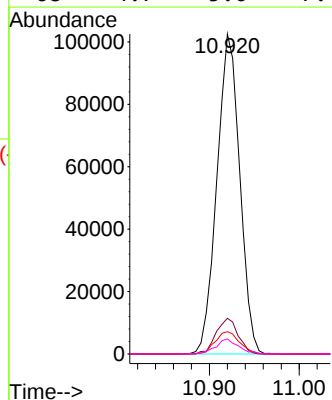
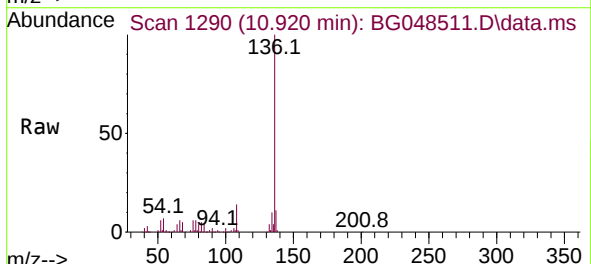
Instrument :
BNA_G
ClientSampleId :
PB-2021-WW-000-06

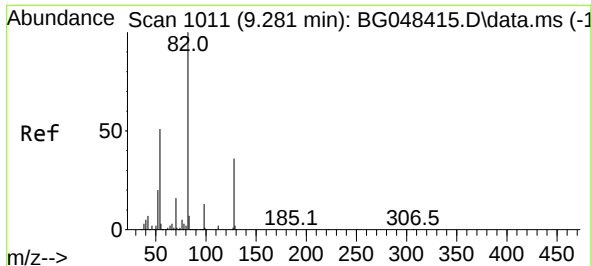
Tgt Ion: 70	Resp: 23939
Ion Ratio	Lower Upper
70 100	
42 42.3	45.6 68.4#
101 0.0	8.4 12.6#
130 0.0	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion: 136	Resp: 181050
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.9	6.2 9.4
68 4.7	5.0 7.4#

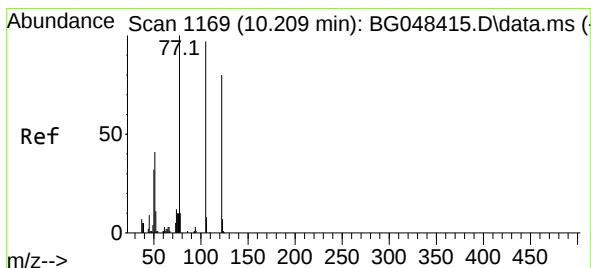
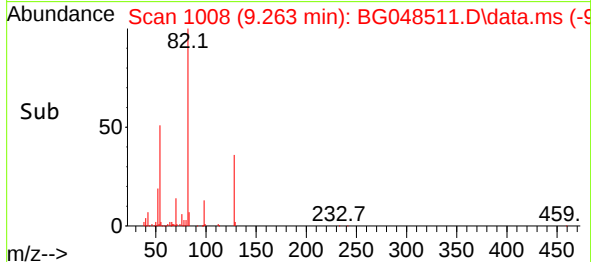
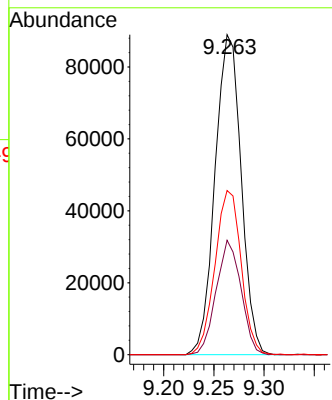
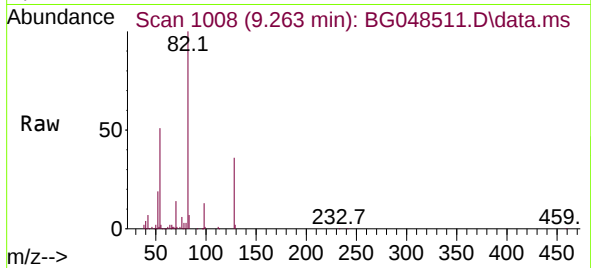




#23
Nitrobenzene-d5
Concen: 35.57 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

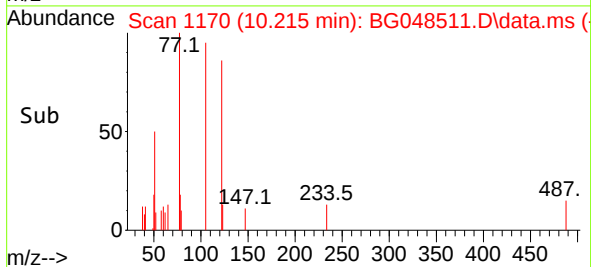
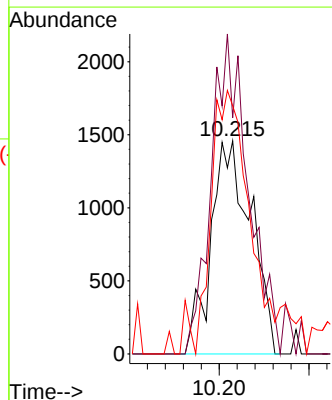
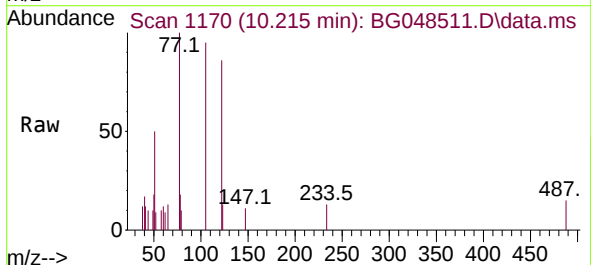
Instrument :
BNA_G
ClientSampleId :
PB-2021-WW-000-06

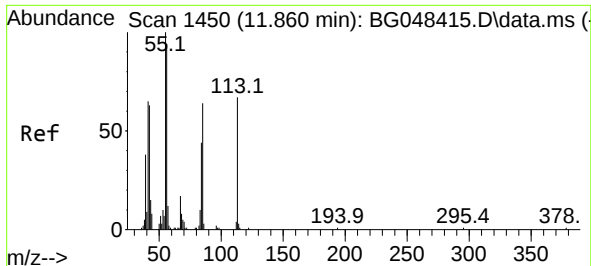
Tgt Ion: 82 Resp: 161063
Ion Ratio Lower Upper
82 100
128 35.7 37.0 55.6#
54 51.3 39.0 58.4



#32
Benzoic acid
Concen: 2.02 ng
RT: 10.215 min Scan# 1170
Delta R.T. 0.015 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:122 Resp: 4515
Ion Ratio Lower Upper
122 100
105 110.8 103.7 143.7
77 116.5 63.0 103.0#

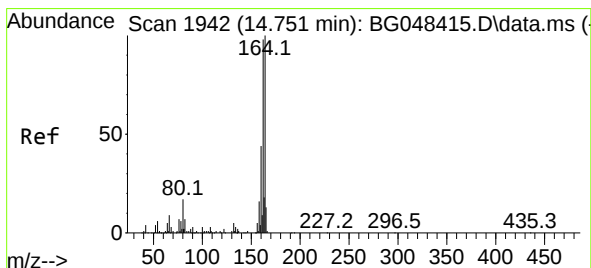
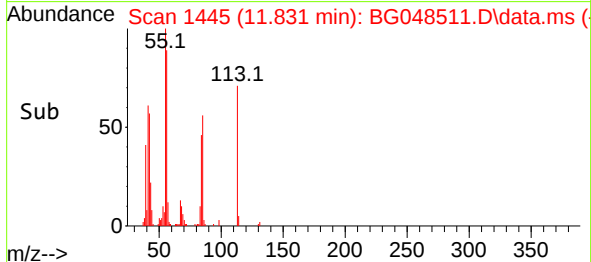
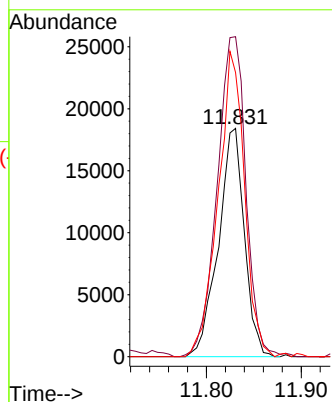
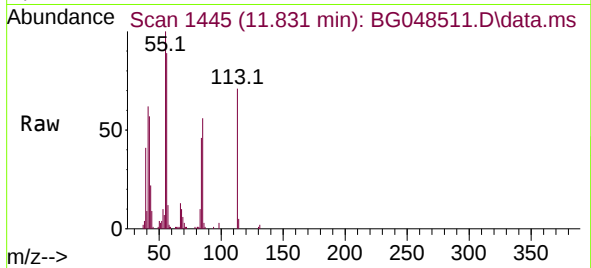




#35
Caprolactam
Concen: 29.42 ng
RT: 11.831 min Scan# 1445
Delta R.T. -0.026 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

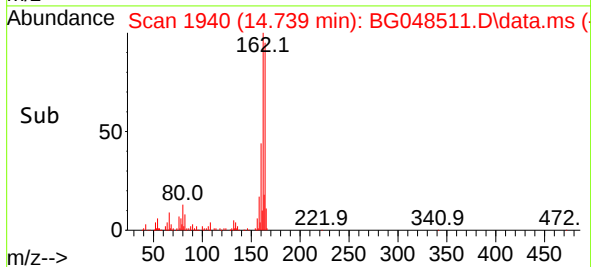
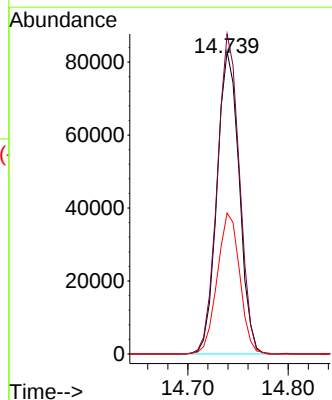
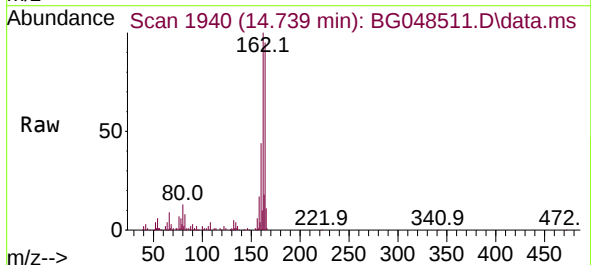
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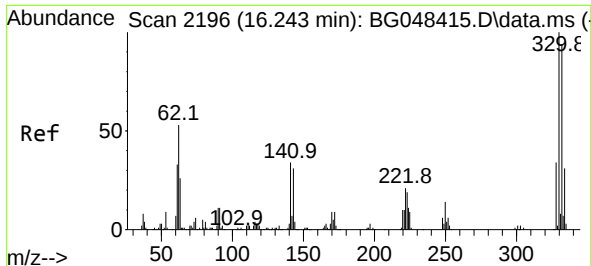
Tgt Ion:113 Resp: 35065
Ion Ratio Lower Upper
113 100
55 140.2 149.2 189.2#
56 124.5 107.2 147.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.009 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:164 Resp: 127171
Ion Ratio Lower Upper
164 100
162 105.8 82.3 123.5
160 46.6 35.3 52.9

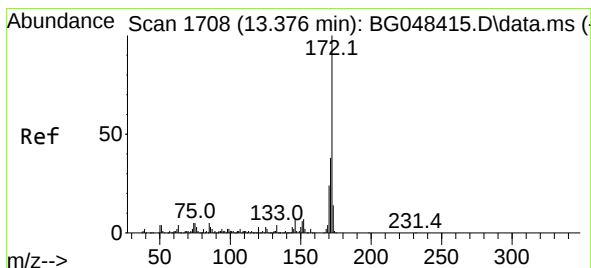
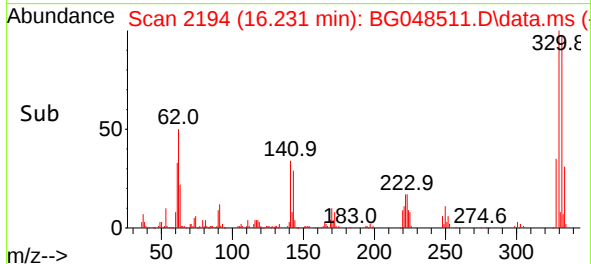
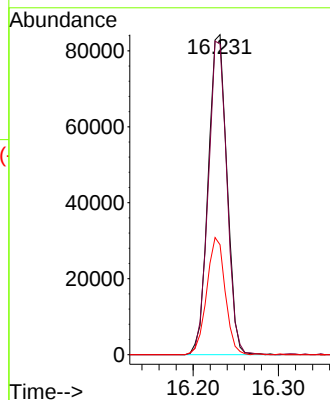
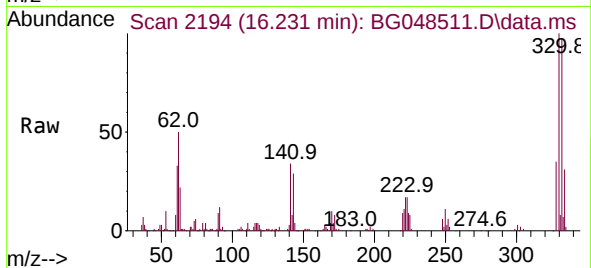




#42
2,4,6-Tribromophenol
Concen: 62.01 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

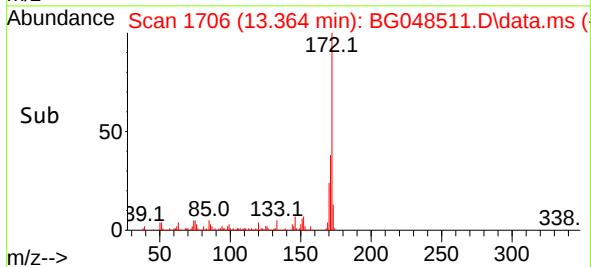
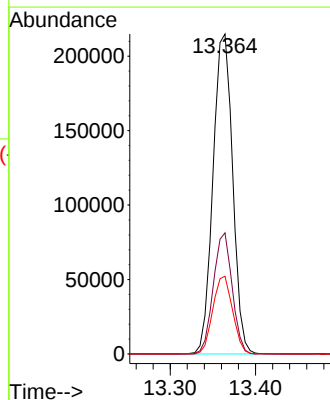
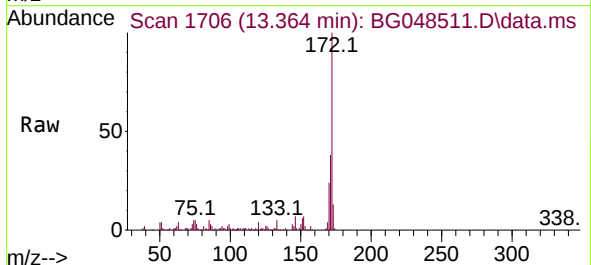
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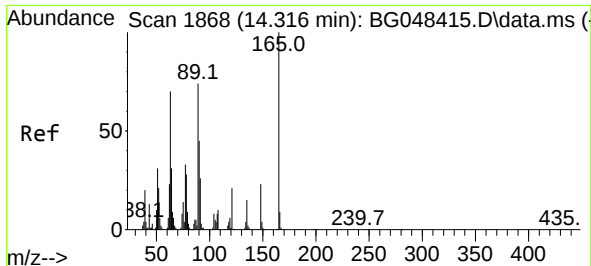
Tgt Ion:330 Resp: 128245
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 36.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 38.80 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:172 Resp: 343011
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.3 20.8 31.2

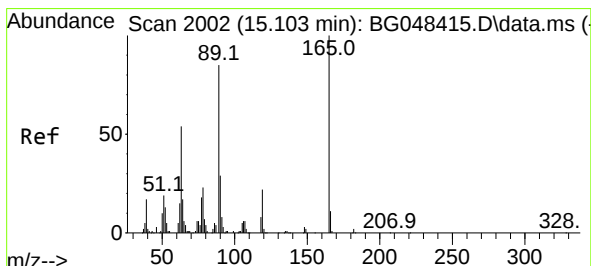
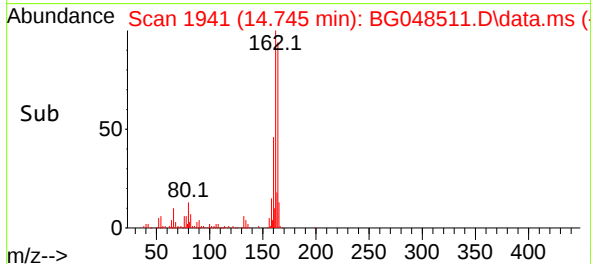
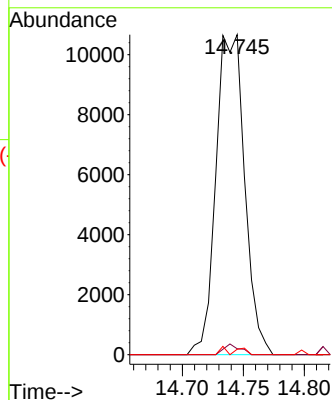
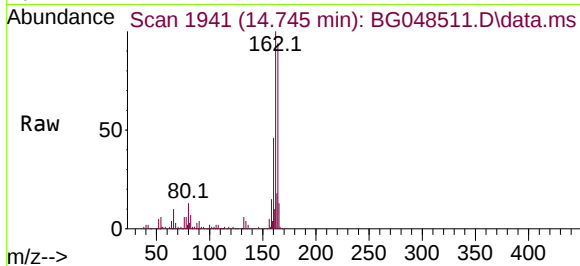




#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.432 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

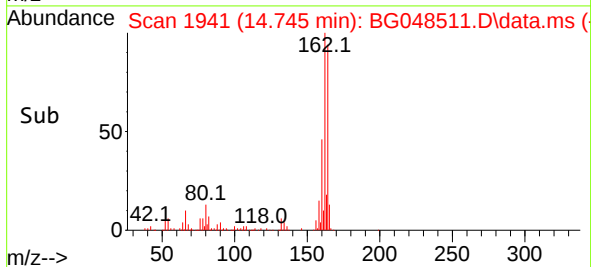
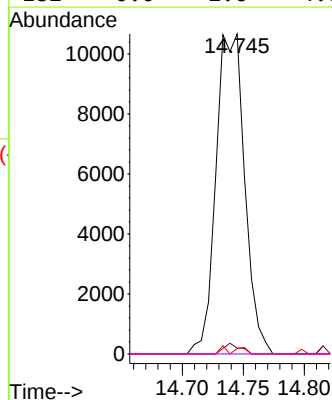
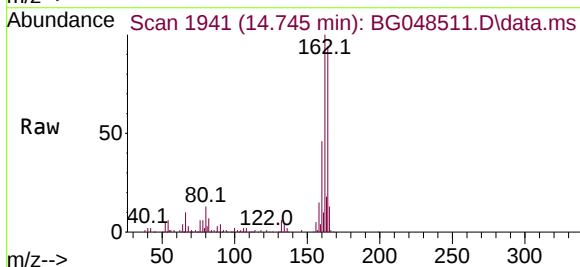
Instrument :
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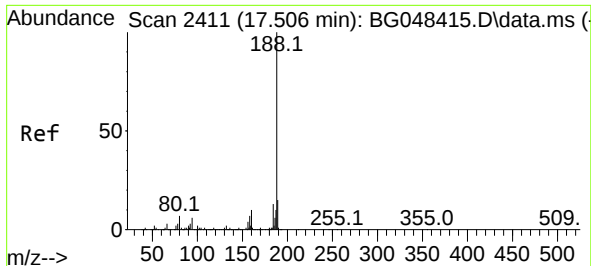
Tgt Ion:165 Resp: 17470
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 1.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.355 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:165 Resp: 17470
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#

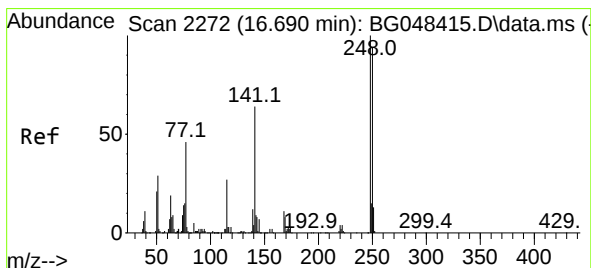
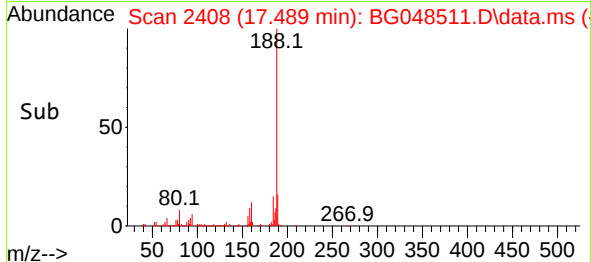
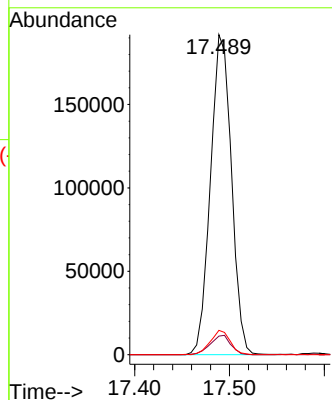
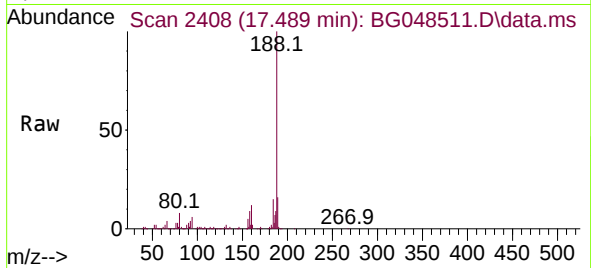




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

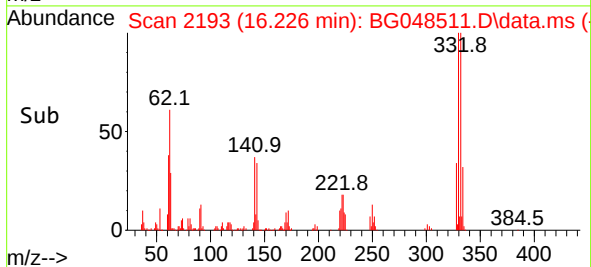
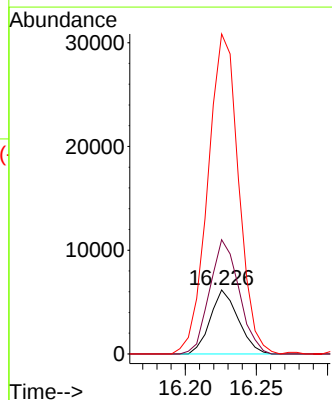
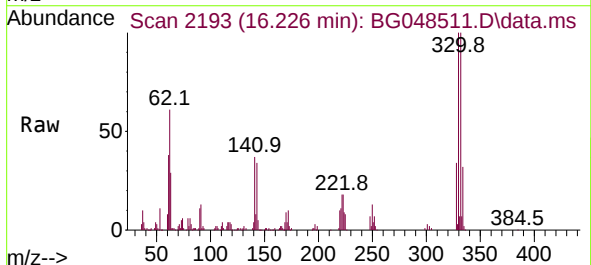
Instrument :
BNA_G
ClientSampleId :
PB-2021-WW-000-06

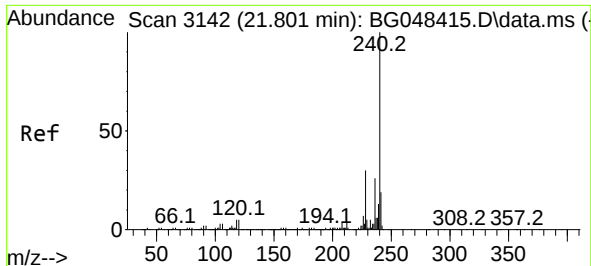
Tgt Ion:188 Resp: 294698
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.6 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.28 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.455 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:248 Resp: 8448
Ion Ratio Lower Upper
248 100
250 178.5 78.9 118.3#
141 500.1 46.2 69.4#

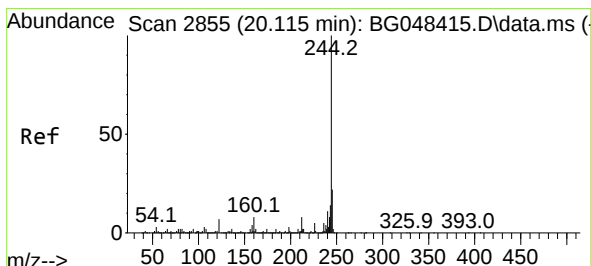
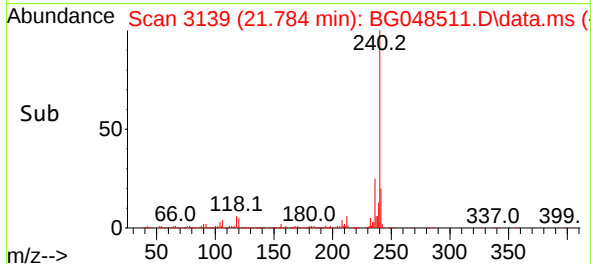
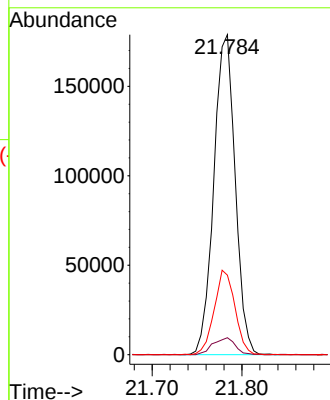
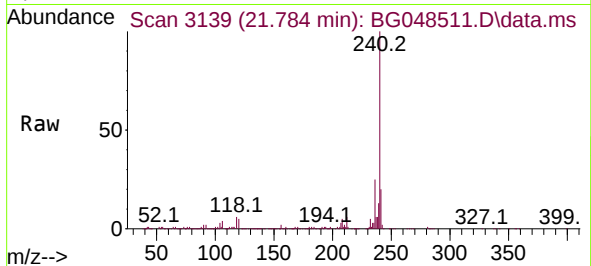




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.784 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

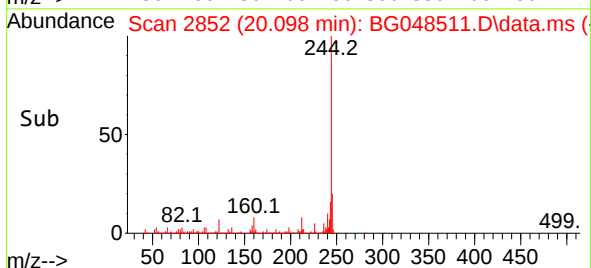
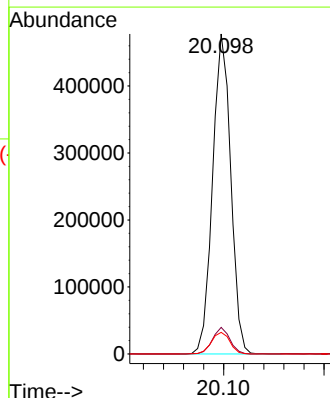
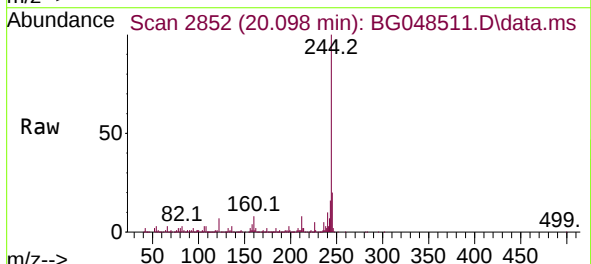
Instrument :
BNA_G
ClientSampleId :
PB-2021-WW-000-06

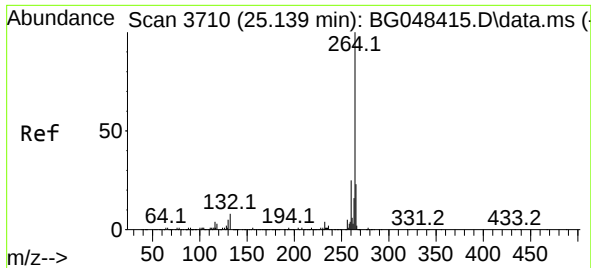
Tgt Ion:240 Resp: 295222
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 24.8 20.5 30.7



#79
Terphenyl-d14
Concen: 36.65 ng
RT: 20.098 min Scan# 2852
Delta R.T. -0.009 min
Lab File: BG048511.D
Acq: 25 Mar 2021 21:07

Tgt Ion:244 Resp: 599968
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.109 min Scan# 3705
 Delta R.T. -0.015 min
 Lab File: BG048511.D
 Acq: 25 Mar 2021 21:07

Instrument :
 BNA_G
 ClientSampleId :
 PB-2021-WW-000-06

Tgt Ion:264 Resp: 313980
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 22.6 17.8 26.8

