

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048458.D
 Acq On : 23 Mar 2021 1:18
 Operator : CG/JU
 Sample : M1712-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RED-BRICK-COMP

Quant Time: Mar 23 02:08:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

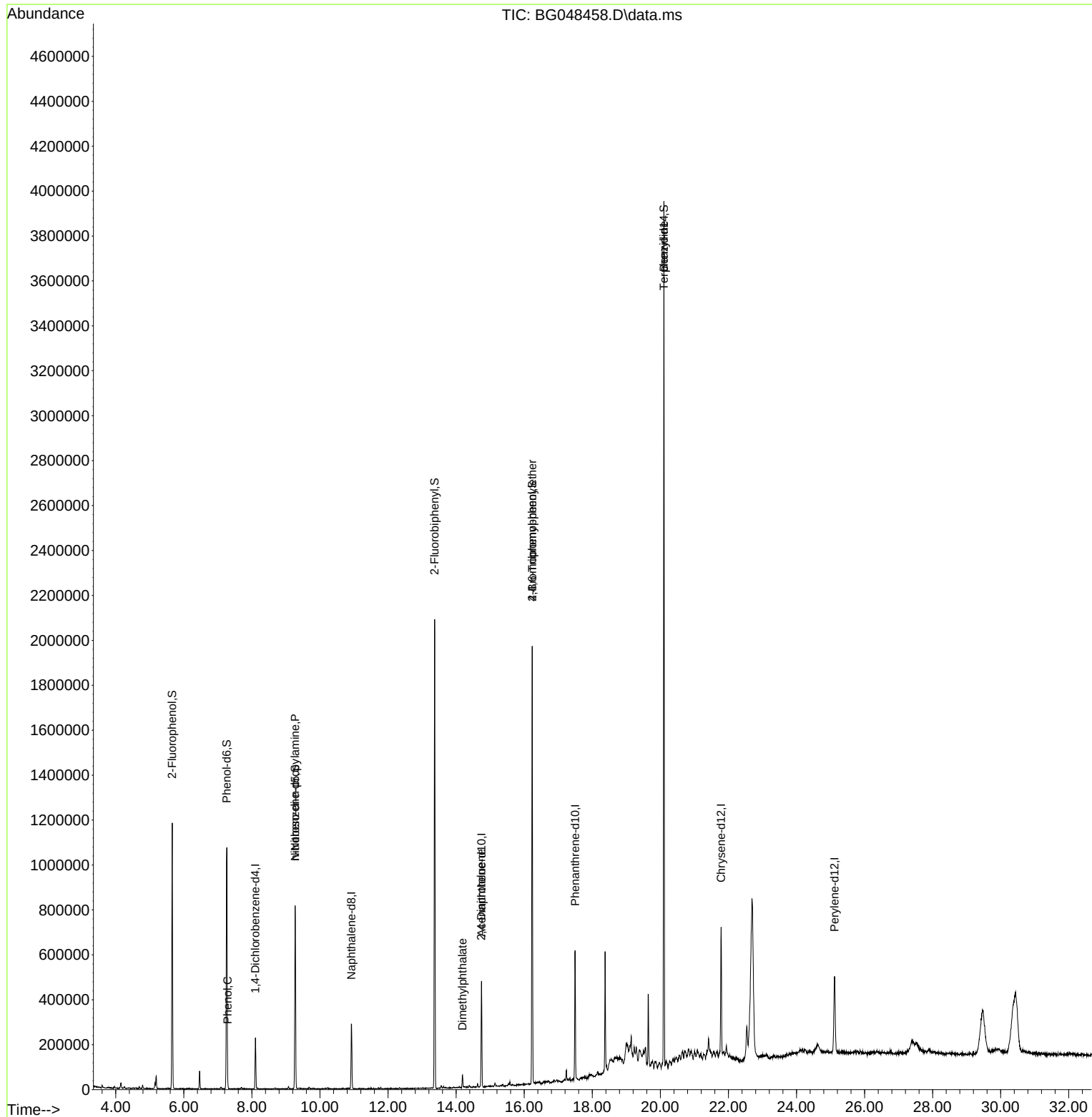
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	56974	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	230714	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	170545	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	370944	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	363809	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	379029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	435729	126.47	ng	0.01
7) Phenol-d6	7.263	99	541729	108.06	ng	0.01
23) Nitrobenzene-d5	9.272	82	487955	84.56	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	367851	132.63	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	1049325	88.51	ng	0.00
79) Terphenyl-d14	20.106	244	1716946	85.11	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	2044	Below Cal	#	1
10) Phenol	7.286	94	10625	2.07	ng	# 56
19) n-Nitroso-di-n-propyla...	9.272	70	74268	19.96	ng	# 80
50) Dimethylphthalate	14.184	163	34730	2.50	ng	99
57) 2,4-Dinitrotoluene	14.742	165	21574	5.09	ng	# 34
67) 4-Bromophenyl-phenylether	16.234	248	24479	5.24	ng	# 1
77) Benizidine	20.101	184	34165	3.14	ng	# 94

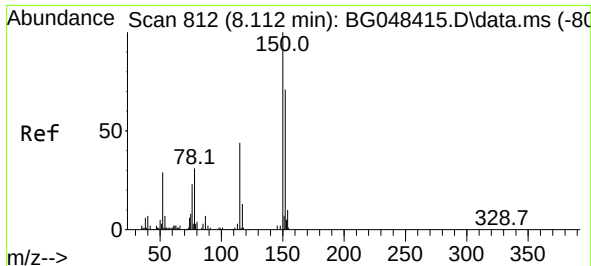
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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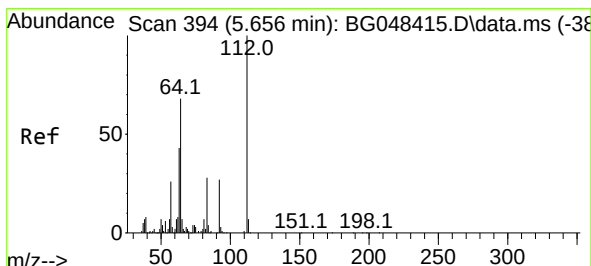
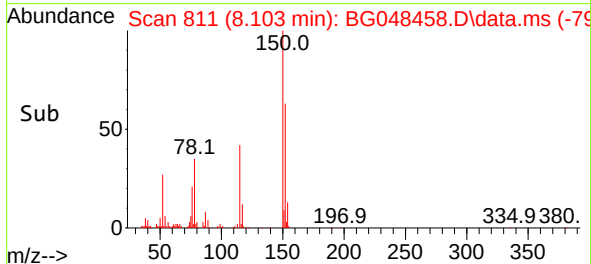
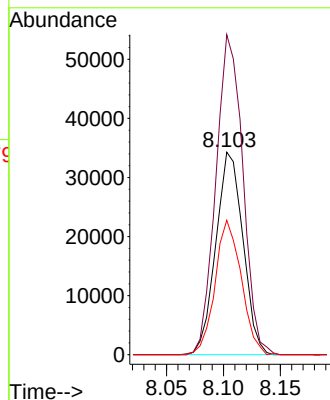
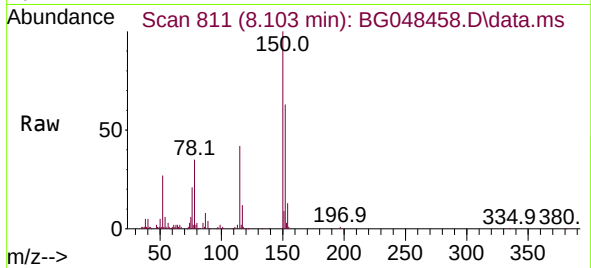




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

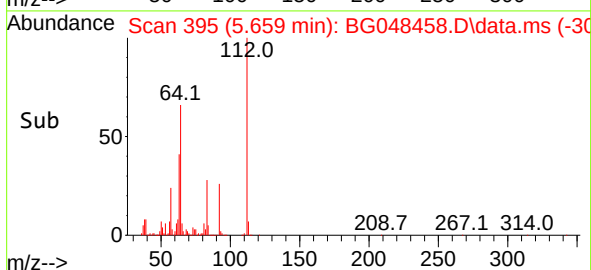
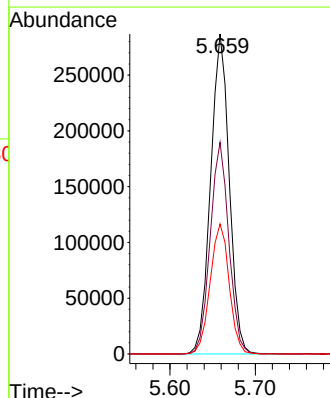
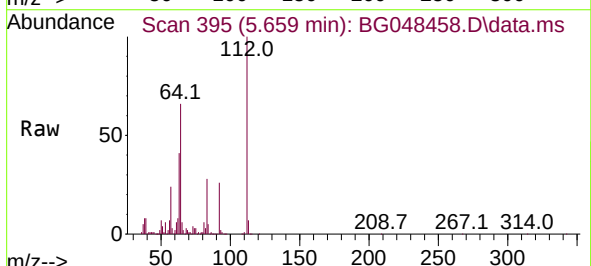
Instrument :
BNA_G
ClientSampleId :
RED-BRICK-COMP

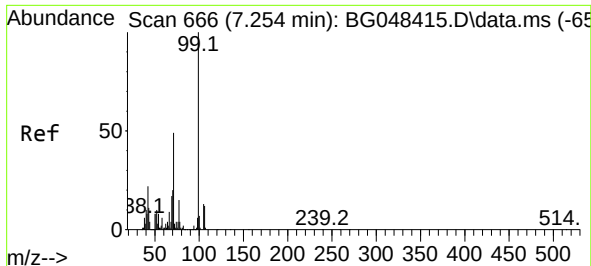
Tgt Ion:152 Resp: 56974
Ion Ratio Lower Upper
152 100
150 158.0 125.0 187.6
115 66.3 41.8 62.6#



#5
2-Fluorophenol
Concen: 126.47 ng
RT: 5.659 min Scan# 395
Delta R.T. 0.012 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:112 Resp: 435729
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 40.6 22.8 34.2#

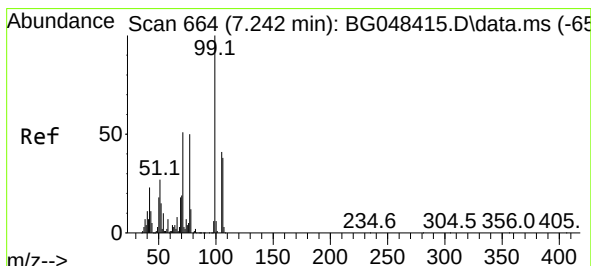
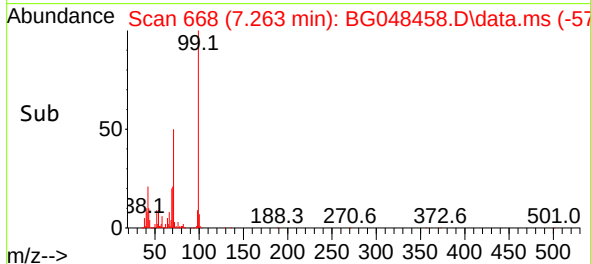
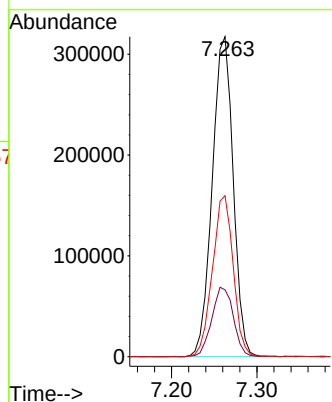
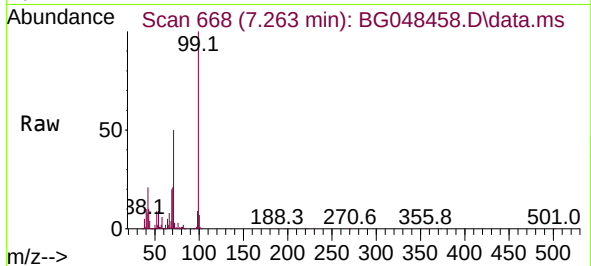




#7
Phenol-d6
Concen: 108.06 ng
RT: 7.263 min Scan# 668
Delta R.T. 0.012 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

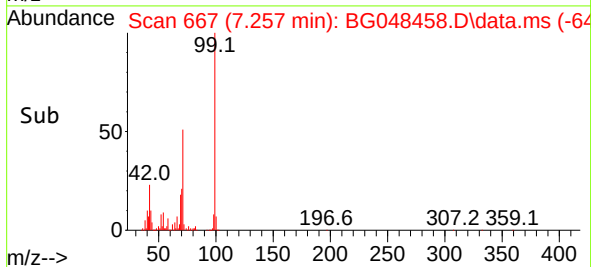
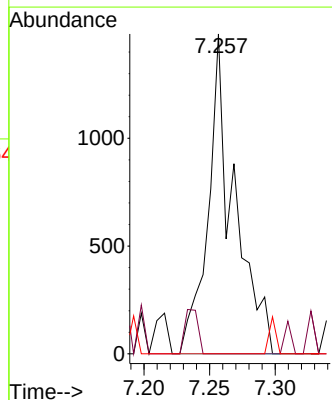
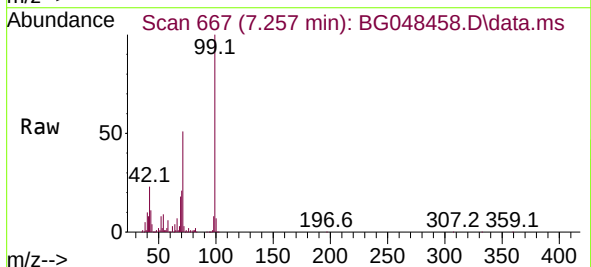
Instrument :
BNA_G
ClientSampleId :
RED-BRICK-COMP

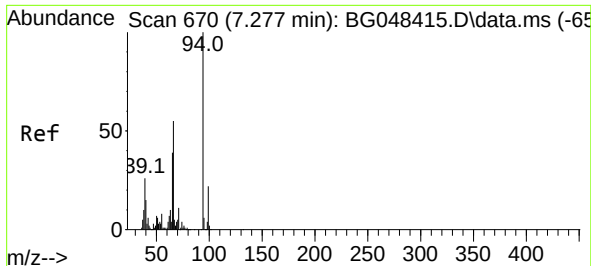
Tgt Ion: 99 Resp: 541729
Ion Ratio Lower Upper
99 100
42 20.9 12.8 19.2#
71 50.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion: 77 Resp: 2044
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

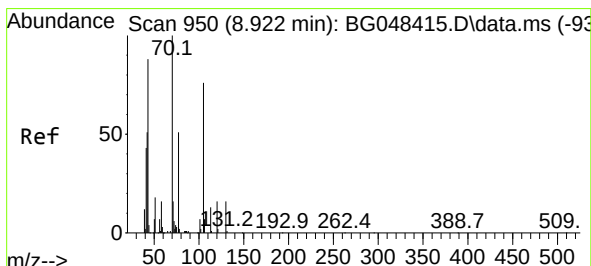
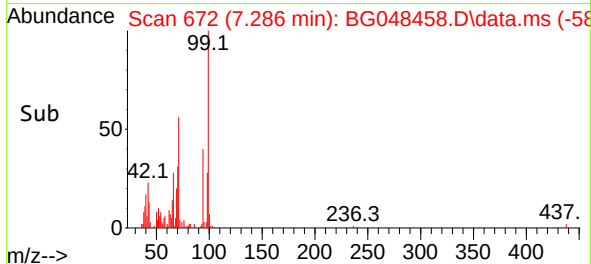
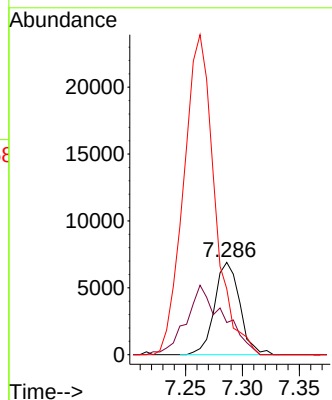
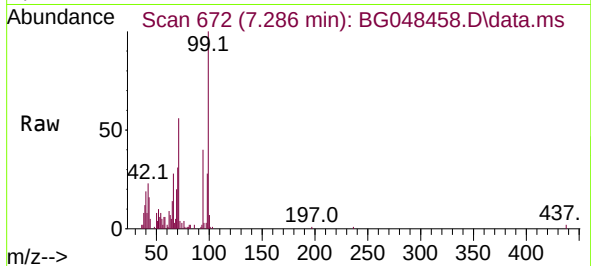




#10
Phenol
Concen: 2.07 ng
RT: 7.286 min Scan# 672
Delta R.T. 0.012 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

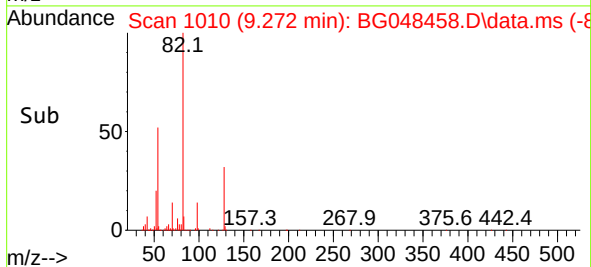
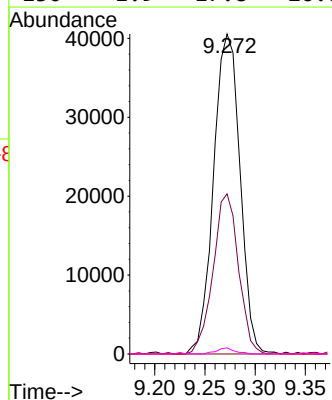
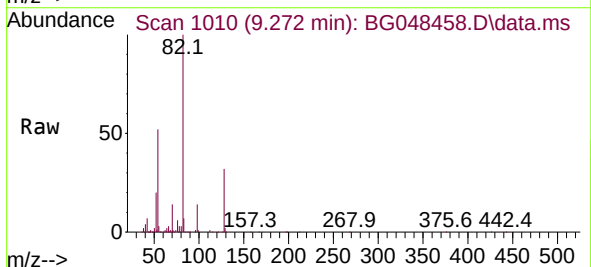
Instrument :
BNA_G
ClientSampleID :
RED-BRICK-COMP

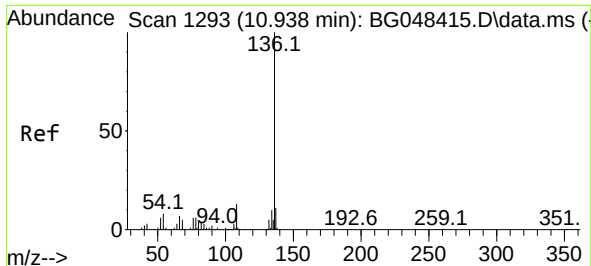
Tgt Ion: 94 Resp: 10625
Ion Ratio Lower Upper
94 100
65 34.9 6.6 46.6
66 71.4 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 19.96 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion: 70 Resp: 74268
Ion Ratio Lower Upper
70 100
42 50.1 45.6 68.4
101 0.0 8.4 12.6#
130 1.9 17.8 26.8#

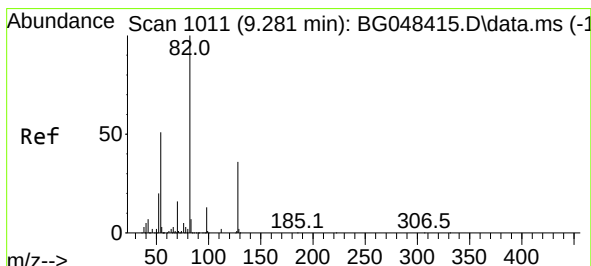
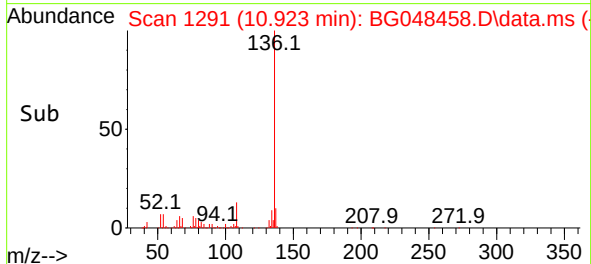
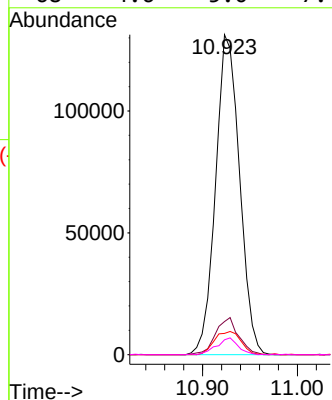
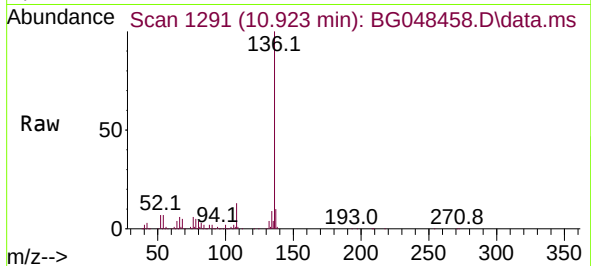




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

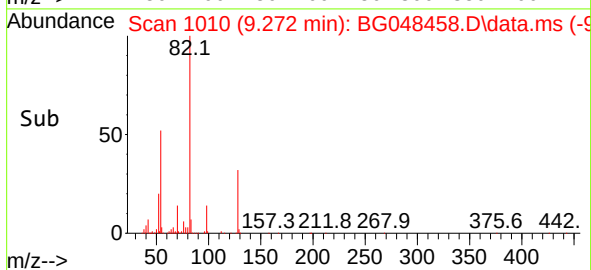
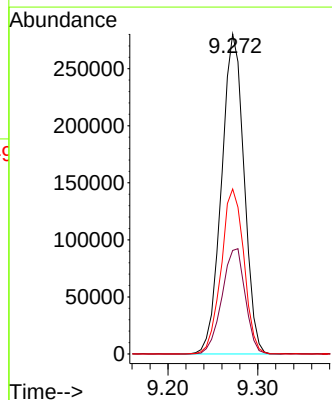
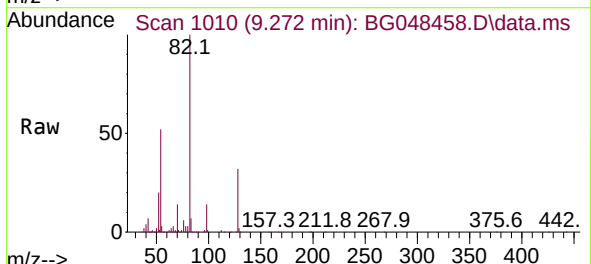
Instrument :
BNA_G
ClientSampleId :
RED-BRICK-COMP

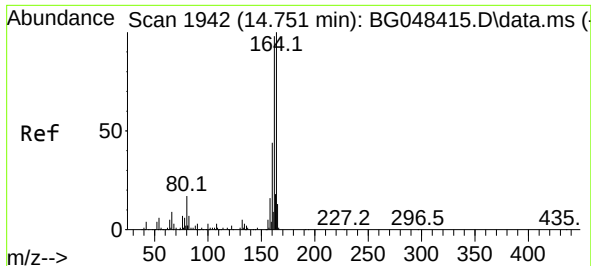
Tgt Ion:	136	Resp:	230714
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	6.6	6.2	9.4
68	4.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:	82	Resp:	487955
Ion Ratio	Lower	Upper	
82	100		
128	32.3	37.0	55.6
54	51.6	39.0	58.4

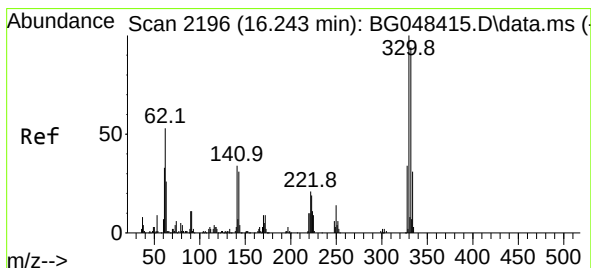
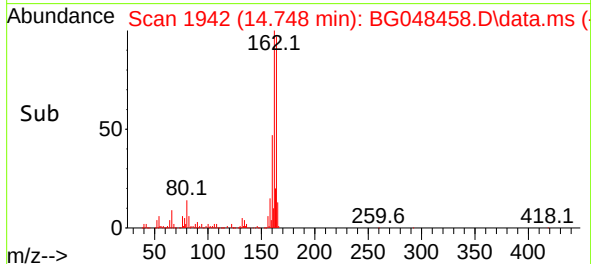
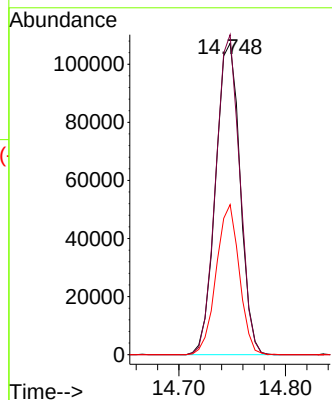
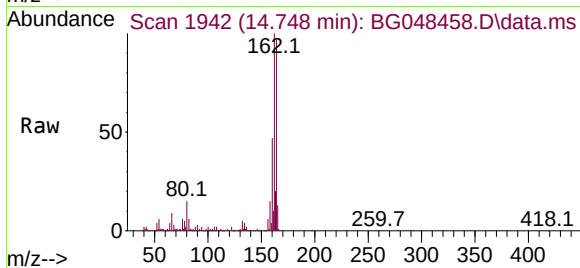




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

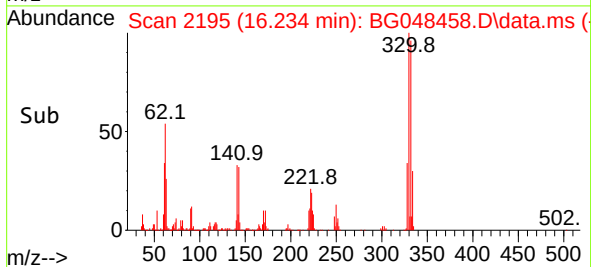
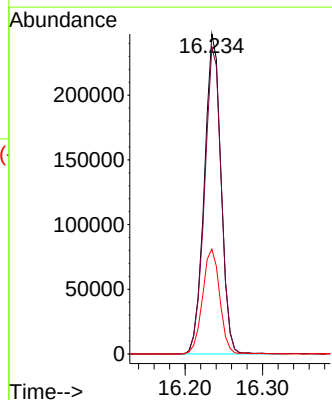
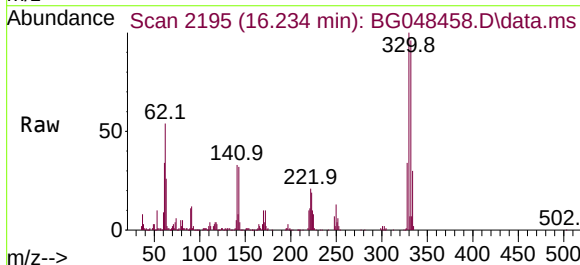
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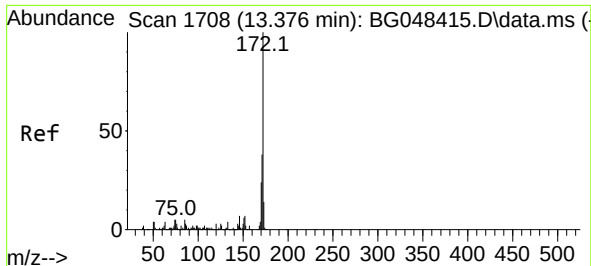
Tgt Ion:164 Resp: 170545
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 48.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 132.63 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:330 Resp: 367851
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 33.8 26.0 39.0

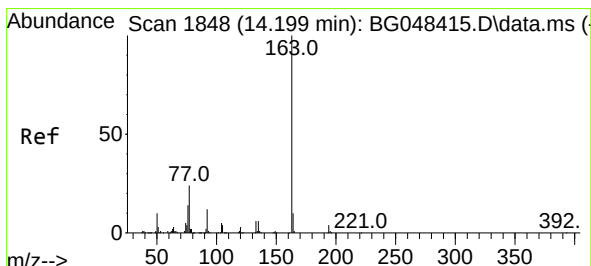
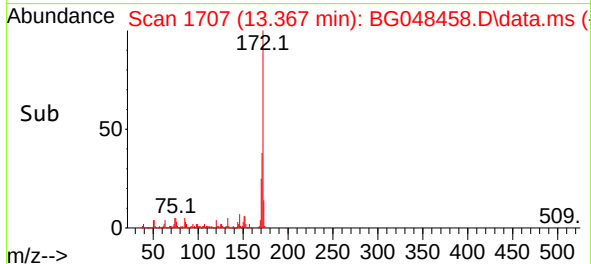
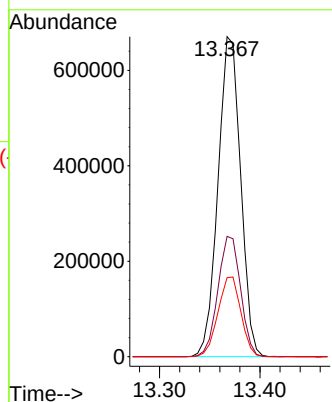
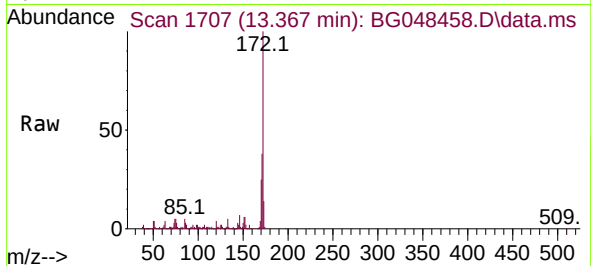




#45
2-Fluorobiphenyl
Concen: 88.51 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

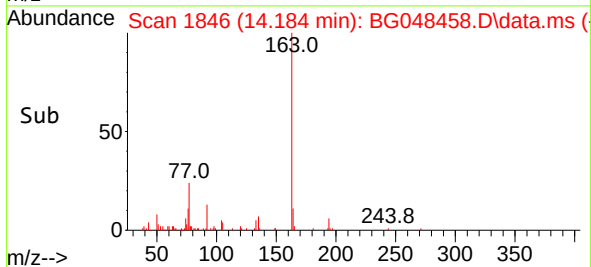
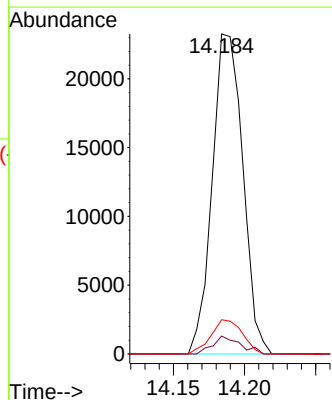
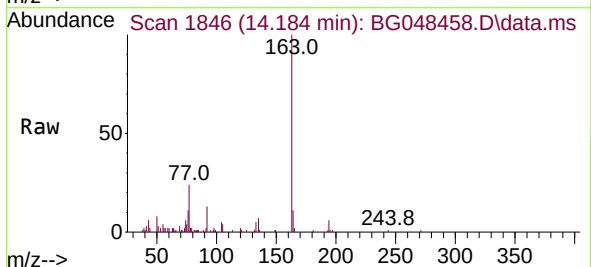
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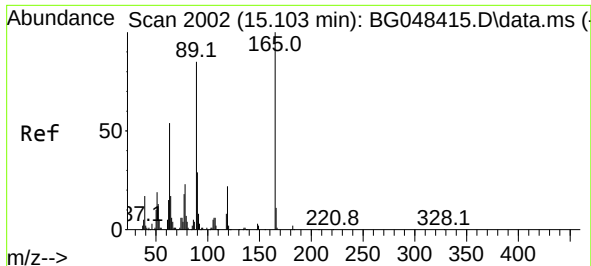
Tgt Ion:172 Resp: 1049325
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.7 20.8 31.2



#50
Dimethylphthalate
Concen: 2.50 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:163 Resp: 34730
Ion Ratio Lower Upper
163 100
194 5.6 3.8 5.8
164 10.7 8.8 13.2

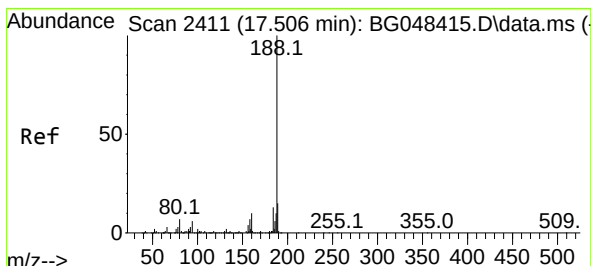
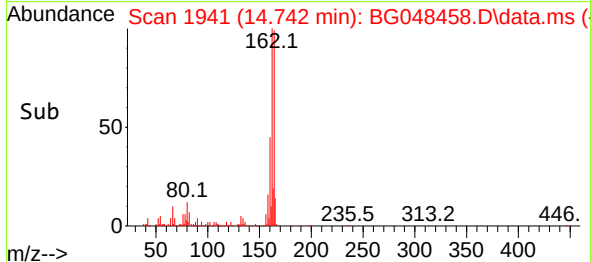
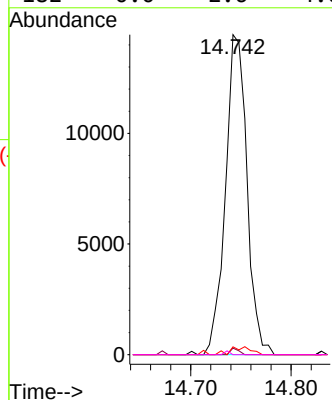
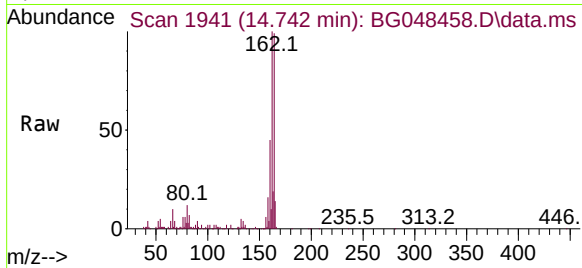




#57
2,4-Dinitrotoluene
Concen: 5.09 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

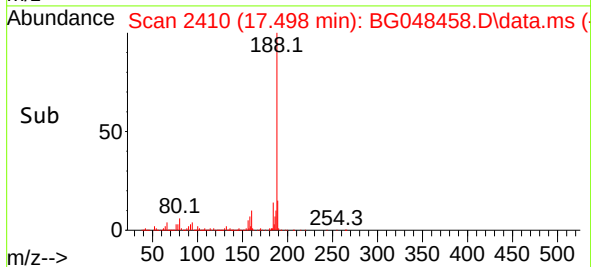
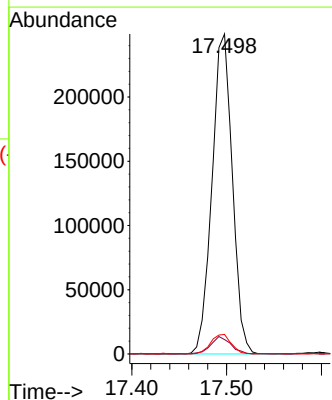
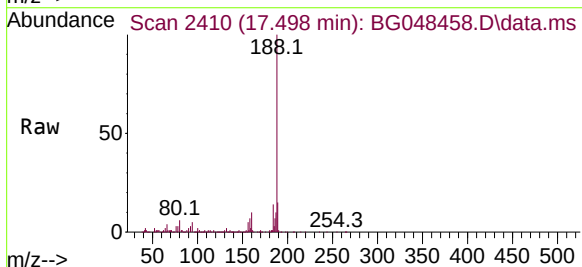
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BNA_G
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RED-BRICK-COMP

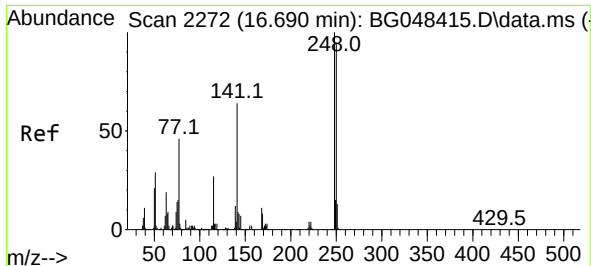
Tgt Ion:165 Resp: 21574
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:188 Resp: 370944
Ion Ratio Lower Upper
188 100
94 4.5 6.3 9.5#
80 6.1 7.0 10.6#

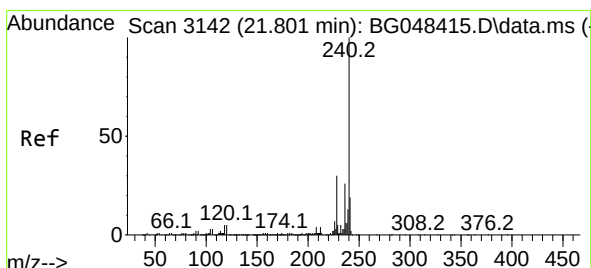
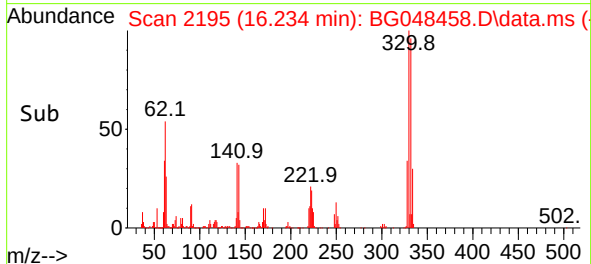
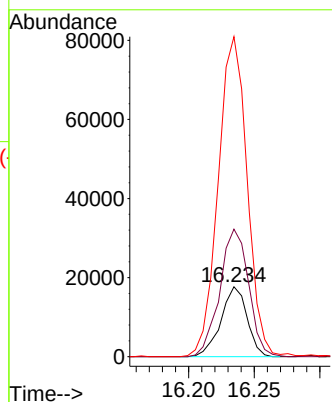
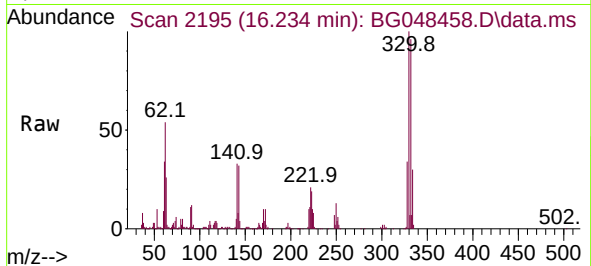




#67
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

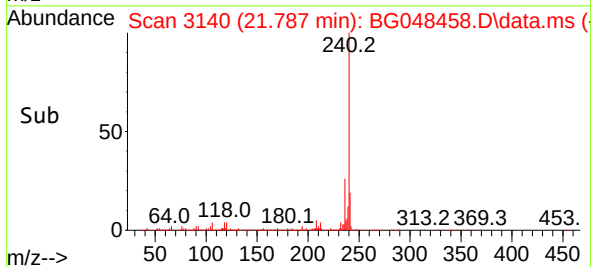
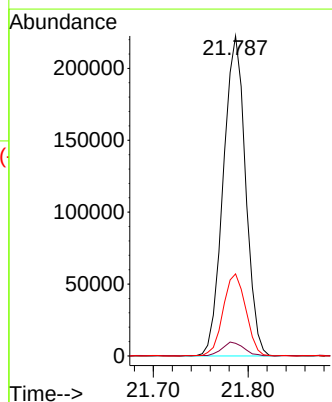
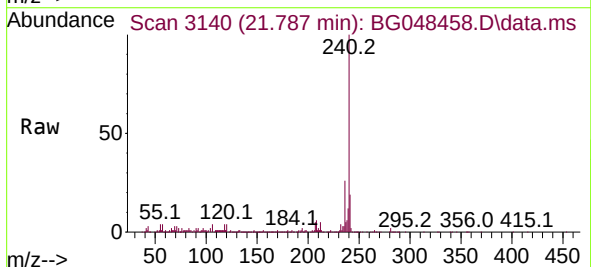
Instrument :
BNA_G
ClientSampleId :
RED-BRICK-COMP

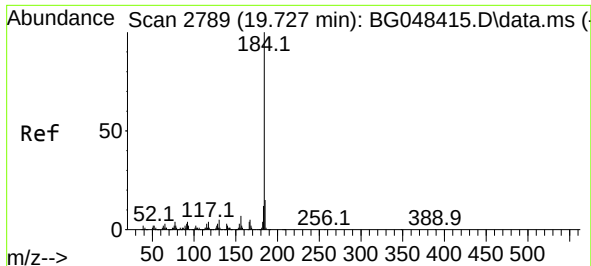
Tgt Ion:248 Resp: 24479
Ion Ratio Lower Upper
248 100
250 182.3 78.9 118.3#
141 457.4 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:240 Resp: 363809
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 25.7 20.5 30.7

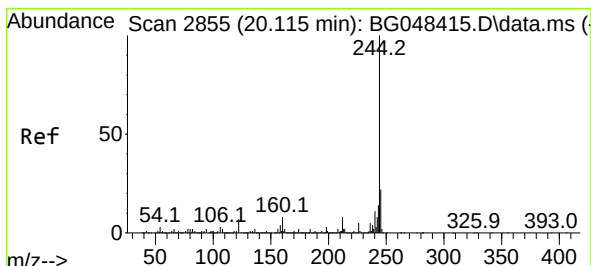
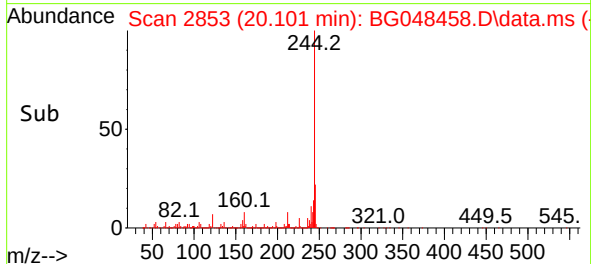
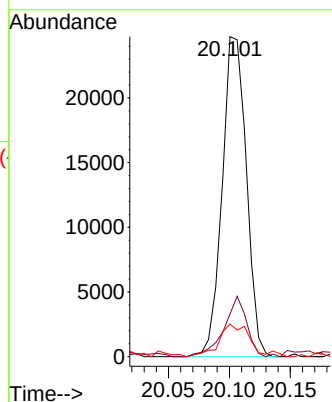
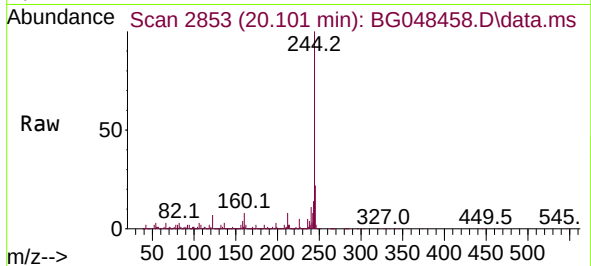




#77
Benzidine
Concen: 3.14 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.376 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

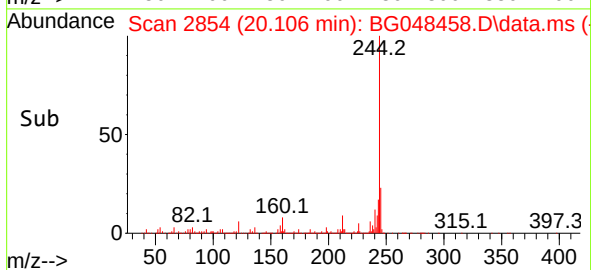
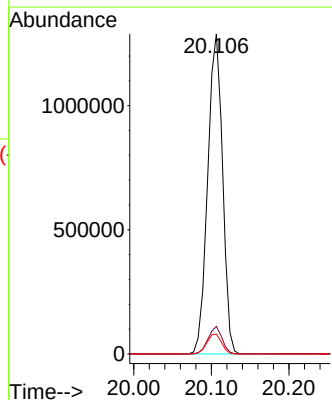
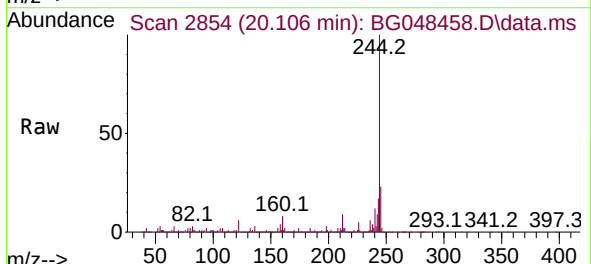
Instrument :
BNA_G
ClientSampleId :
RED-BRICK-COMP

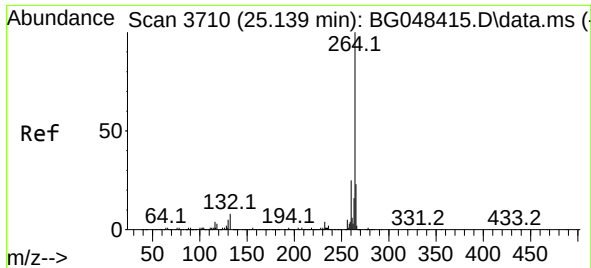
Tgt Ion:184 Resp: 34165
Ion Ratio Lower Upper
184 100
185 13.3 12.4 18.6
183 10.2 10.6 15.8#



#79
Terphenyl-d14
Concen: 85.11 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG048458.D
Acq: 23 Mar 2021 1:18

Tgt Ion:244 Resp: 1716946
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 6.2 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.118 min Scan# 3707
 Delta R.T. -0.006 min
 Lab File: BG048458.D
 Acq: 23 Mar 2021 1:18

Instrument :
 BNA_G
 ClientSampleId :
 RED-BRICK-COMP

Tgt Ion:264 Resp: 379029
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.3 17.8 26.8

