

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048666.D
 Acq On : 12 Apr 2021 18:32
 Operator : CG/JU
 Sample : M1967-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB 2021-04-06 SED

Quant Time: Apr 13 00:19:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

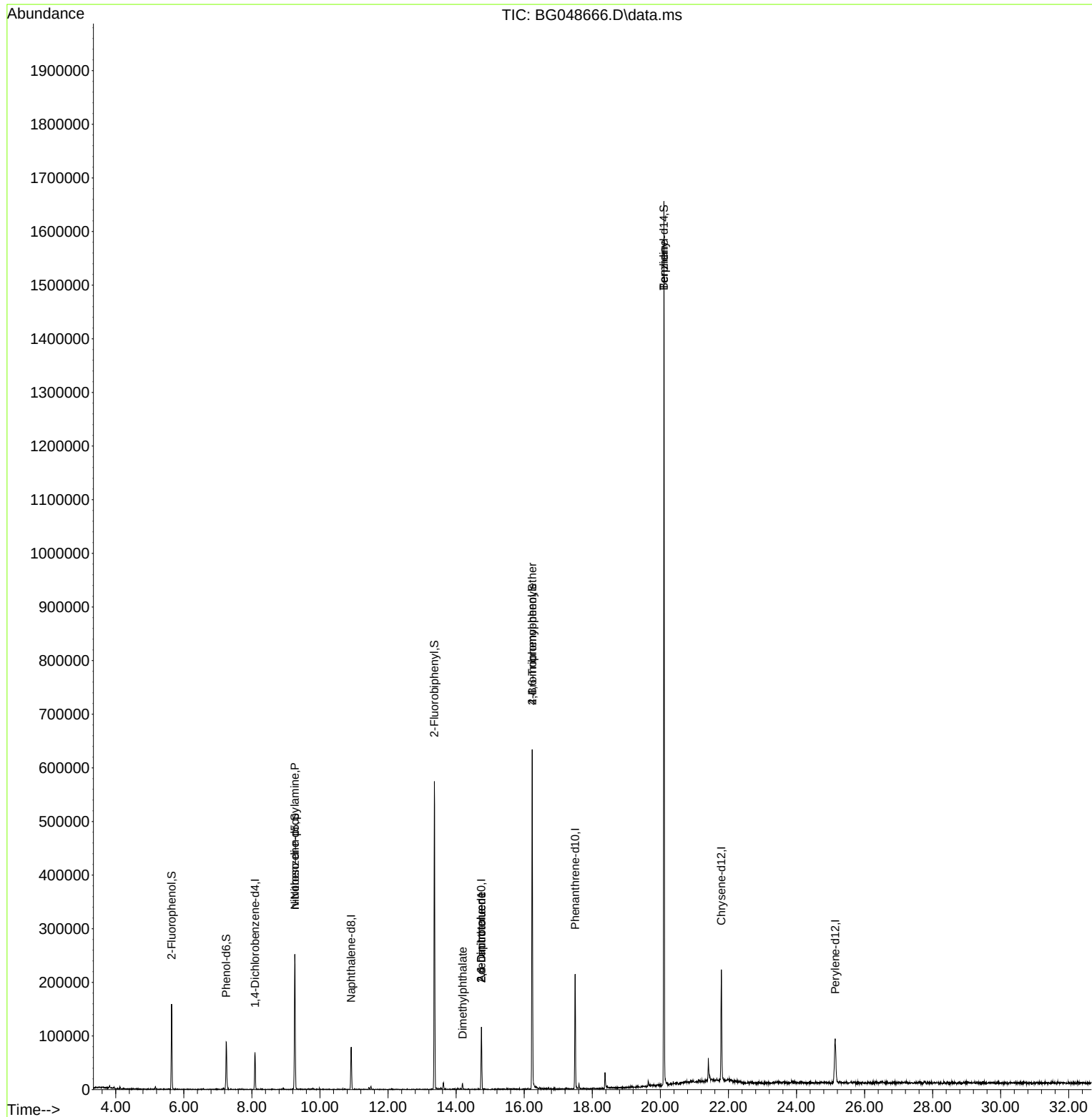
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	18727	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	64831	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	41862	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	136961	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	131127	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	93295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	61866	58.32	ng	0.00
7) Phenol-d6	7.245	99	44125	28.68	ng	0.00
23) Nitrobenzene-d5	9.260	82	140715	105.08	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	108556	197.27	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	281327	99.89	ng	0.00
79) Terphenyl-d14	20.106	244	727977	101.53	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.260	70	22330	21.06	ng	# 79
50) Dimethylphthalate	14.190	163	7221	2.32	ng	# 95
51) 2,6-Dinitrotoluene	14.742	165	5458	7.68	ng	# 17
57) 2,4-Dinitrotoluene	14.742	165	5458	5.43	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	7629	5.02	ng	# 1
77) Benzidine	20.106	184	14782	3.33	ng	# 96

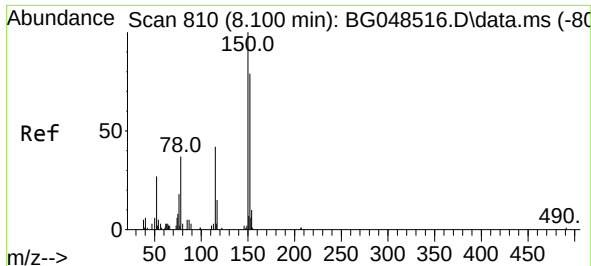
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
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QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

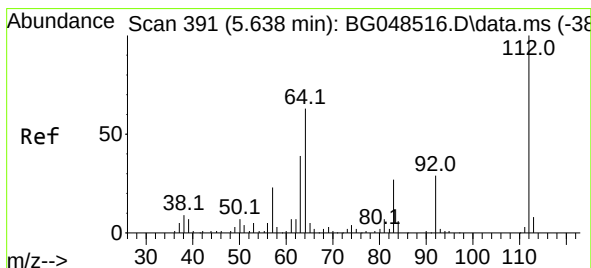
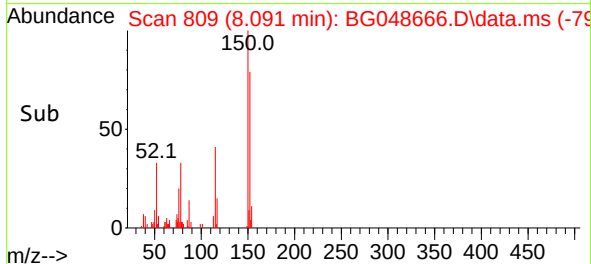
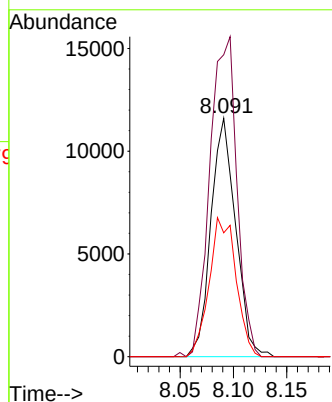
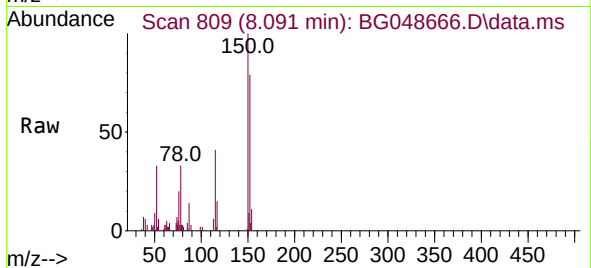




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

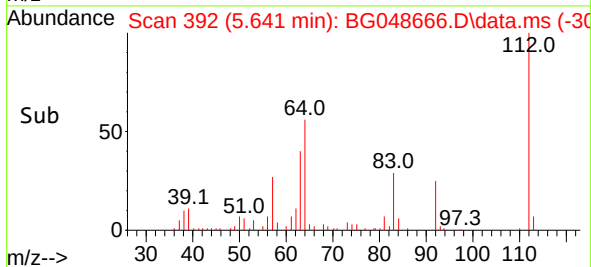
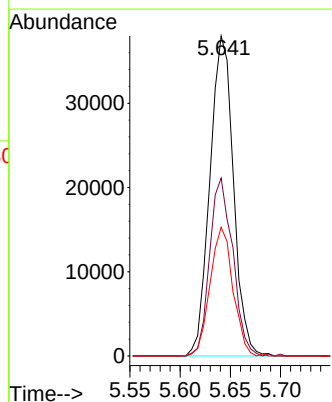
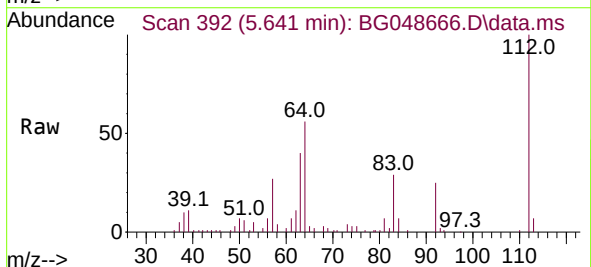
Instrument :
BNA_G
ClientSampleId :
EB_2021-04-06_SED

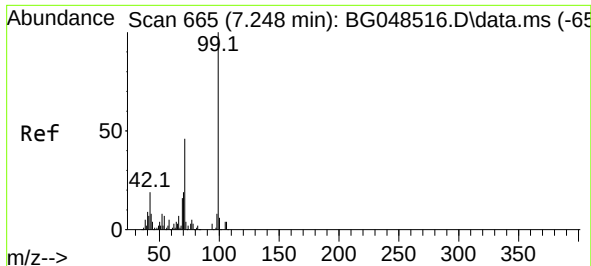
Tgt Ion:152 Resp: 18727
Ion Ratio Lower Upper
152 100
150 126.7 101.3 151.9
115 52.0 42.3 63.5



#5
2-Fluorophenol
Concen: 58.32 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:112 Resp: 61866
Ion Ratio Lower Upper
112 100
64 55.6 50.4 75.6
63 40.2 31.4 47.2

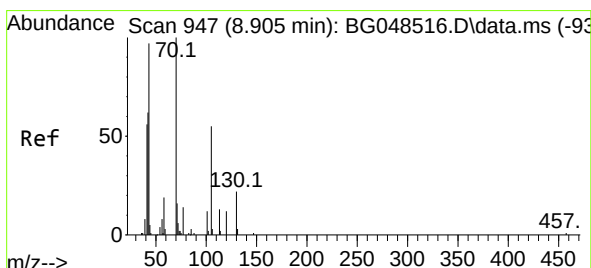
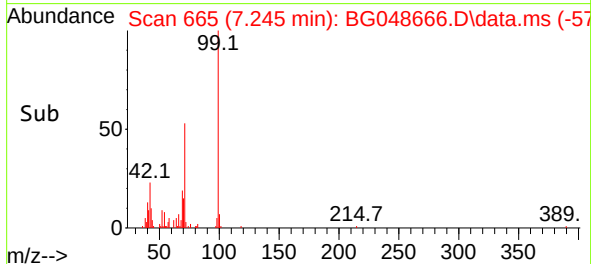
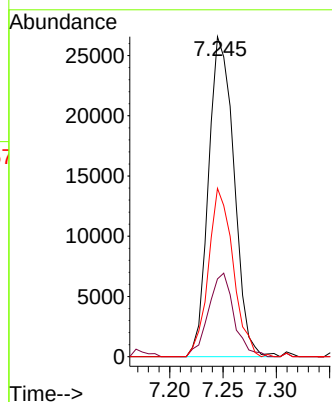
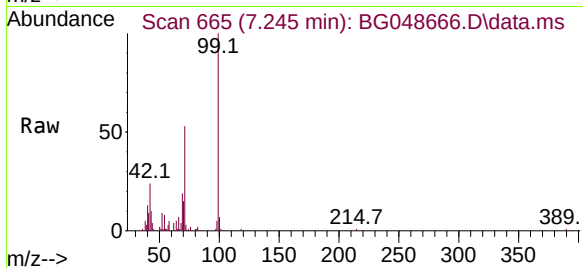




#7
Phenol-d6
Concen: 28.68 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

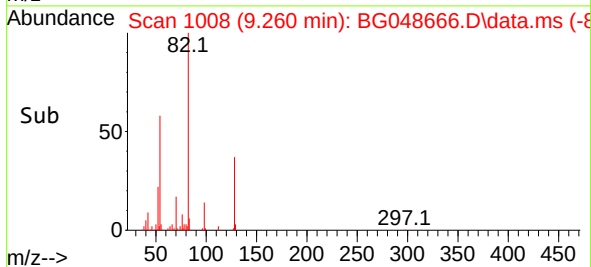
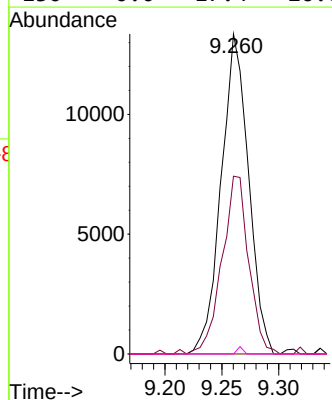
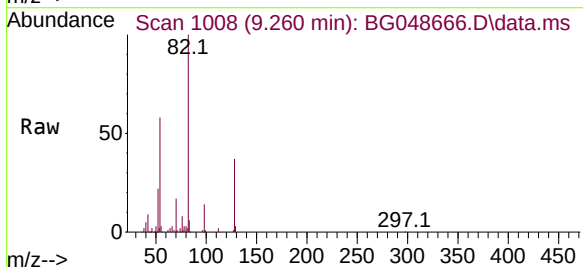
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SED

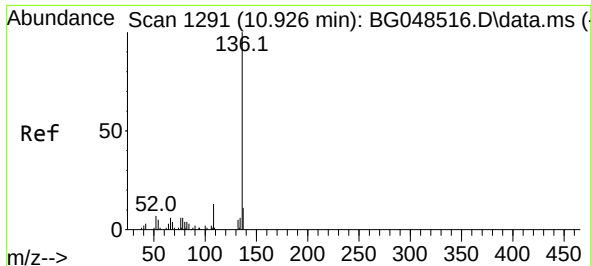
Tgt Ion: 99 Resp: 44125
Ion Ratio Lower Upper
99 100
42 24.3 15.5 23.3#
71 52.6 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.06 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion: 70 Resp: 22330
Ion Ratio Lower Upper
70 100
42 55.5 50.8 76.2
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

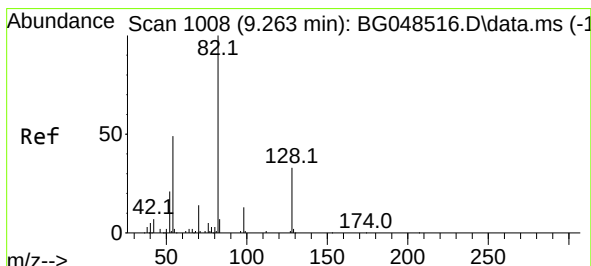
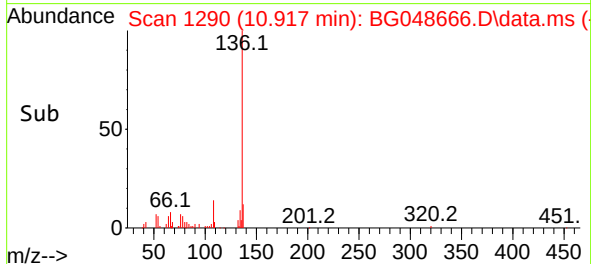
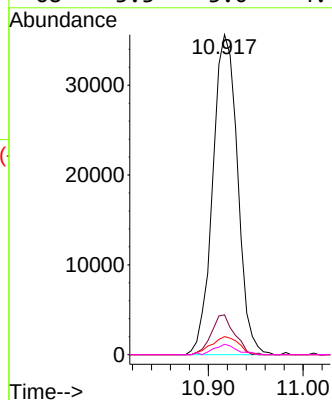
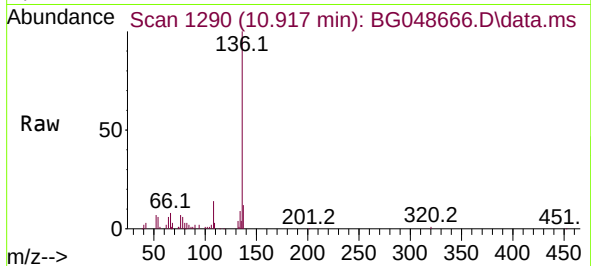




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

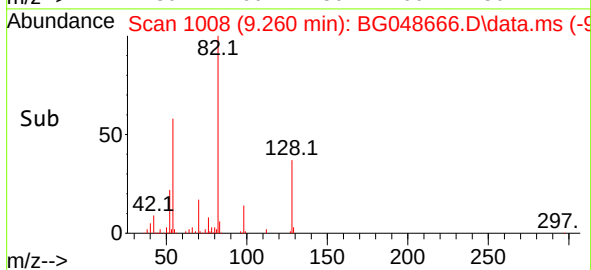
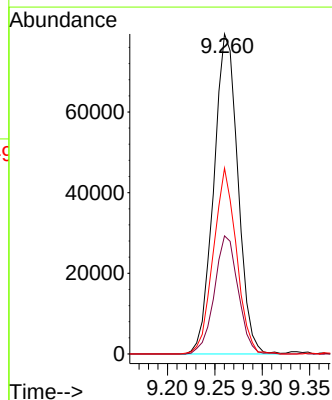
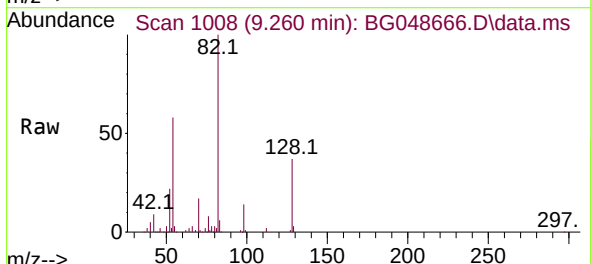
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SED

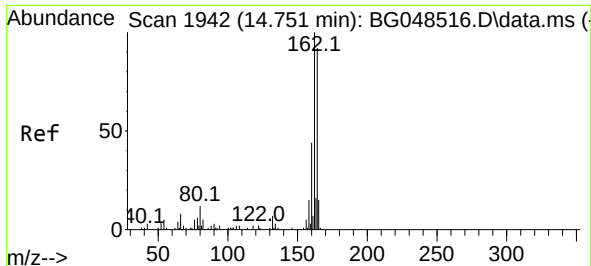
Tgt Ion:	136	Resp:	64831
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.6	12.8
54	5.6	4.2	6.4
68	3.3	3.0	4.4



#23
Nitrobenzene-d5
Concen: 105.08 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:	82	Resp:	140715
Ion Ratio	Lower	Upper	
82	100		
128	36.9	26.2	39.4
54	58.0	38.9	58.3

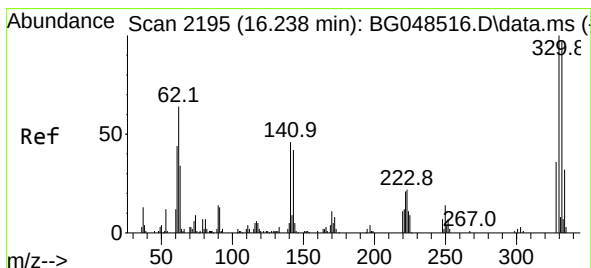
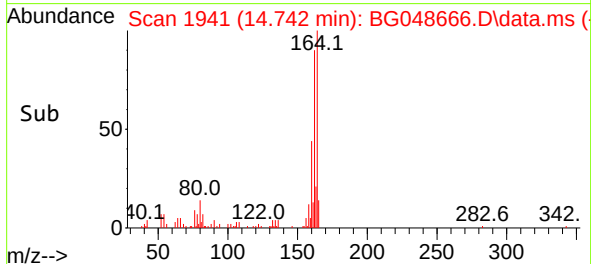
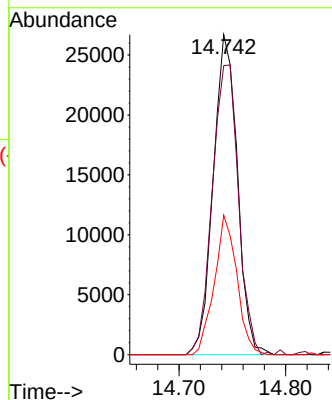
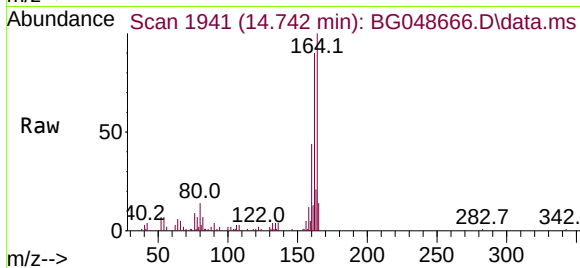




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

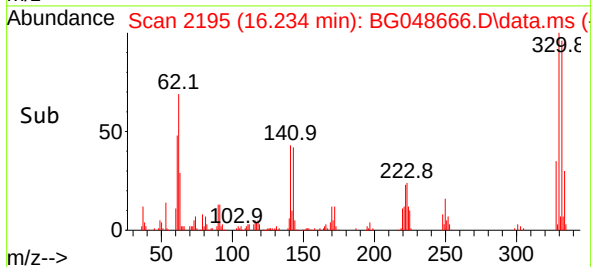
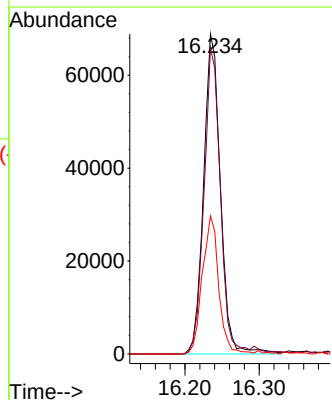
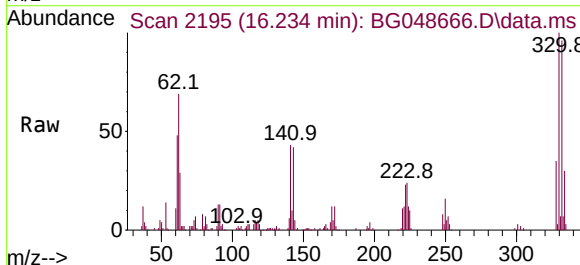
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SED

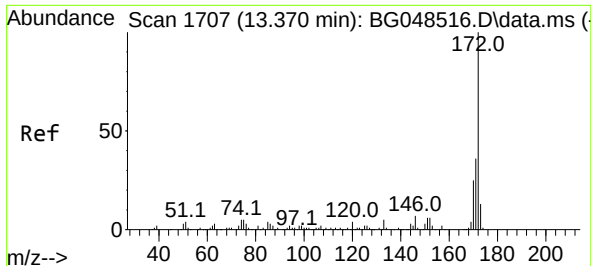
Tgt Ion:164 Resp: 41862
Ion Ratio Lower Upper
164 100
162 90.3 87.0 130.6
160 43.6 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 197.27 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:330 Resp: 108556
Ion Ratio Lower Upper
330 100
332 92.7 77.6 116.4
141 42.0 34.6 52.0

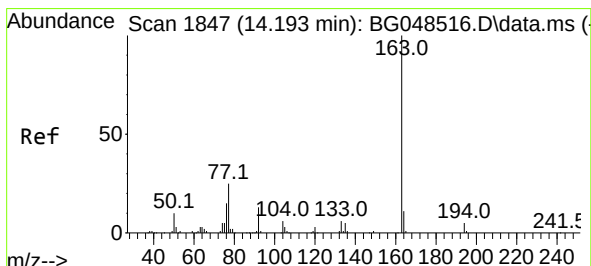
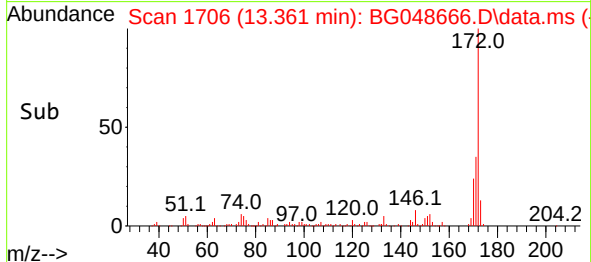
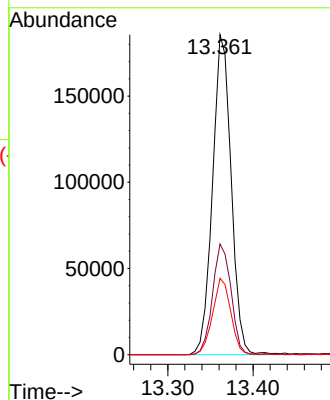
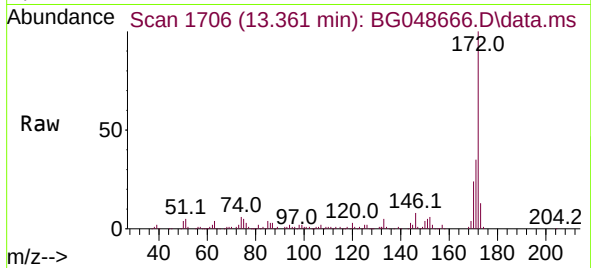




#45
2-Fluorobiphenyl
Concen: 99.89 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

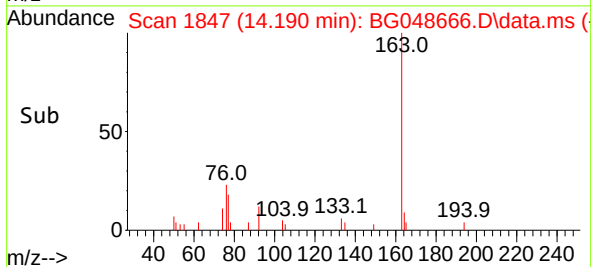
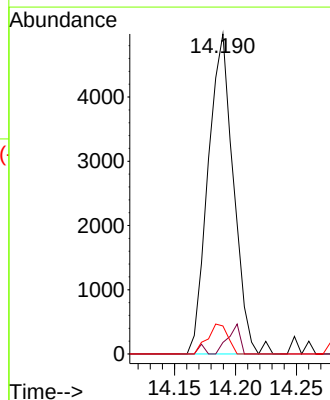
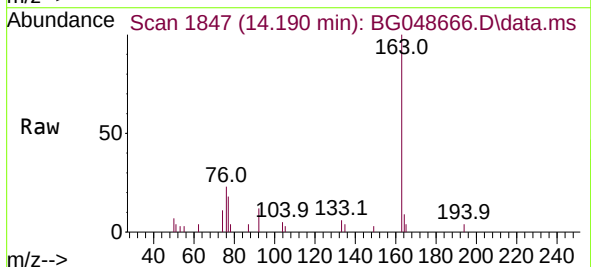
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ClientSampleId :
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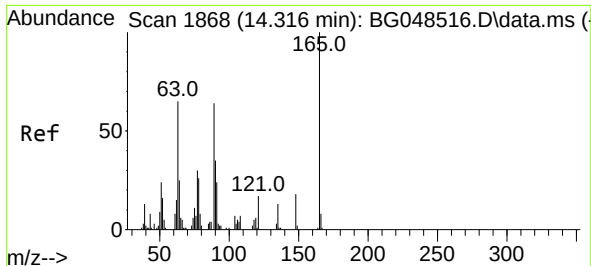
Tgt Ion:172 Resp: 281327
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 2.32 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:163 Resp: 7221
Ion Ratio Lower Upper
163 100
194 3.6 4.1 6.1#
164 8.8 8.6 12.8

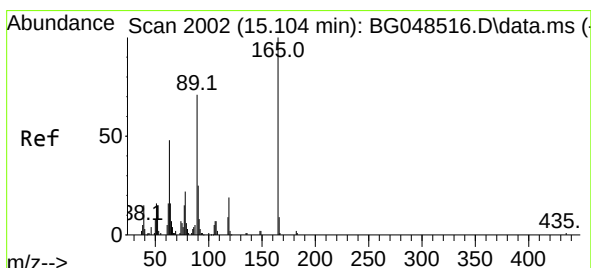
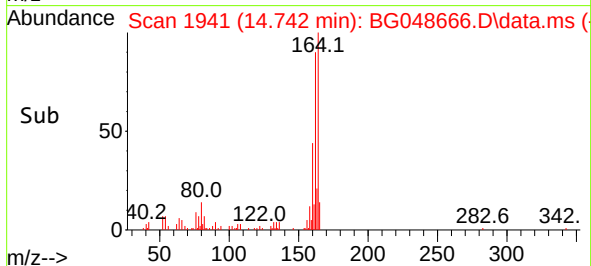
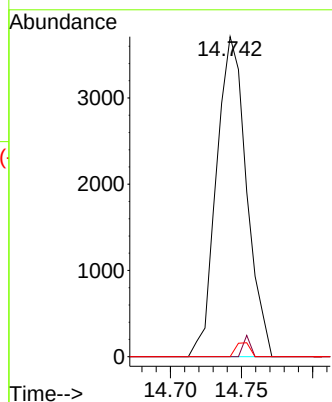
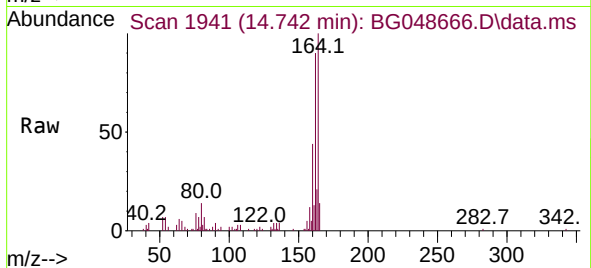




#51
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

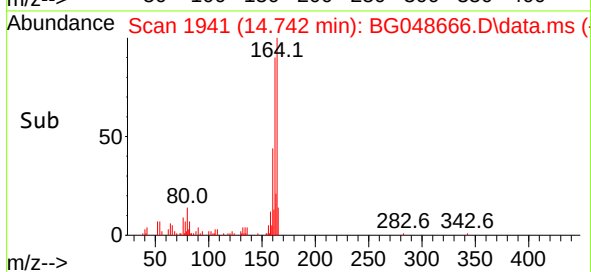
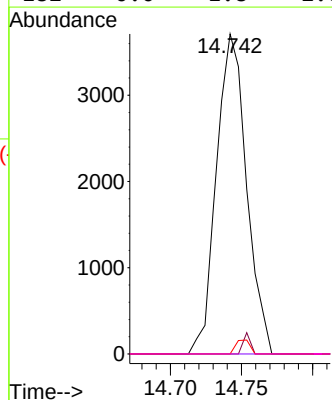
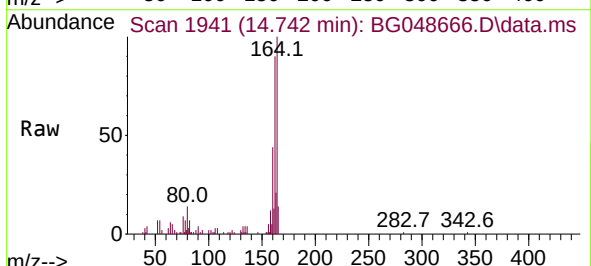
Instrument :
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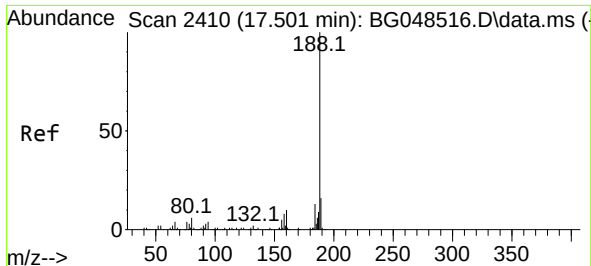
Tgt Ion:165 Resp: 5458
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:165 Resp: 5458
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

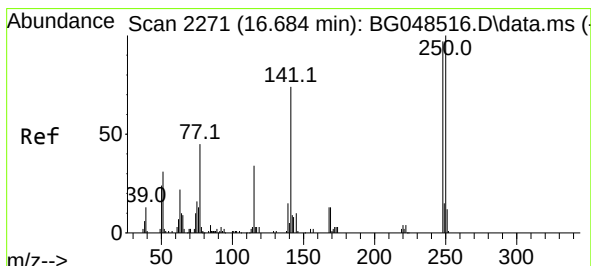
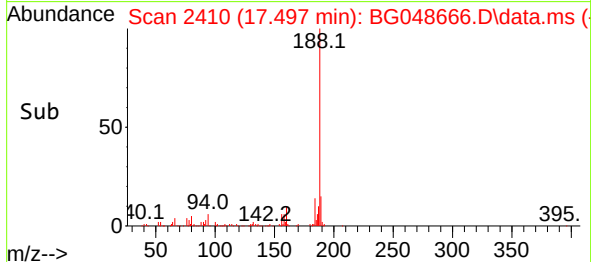
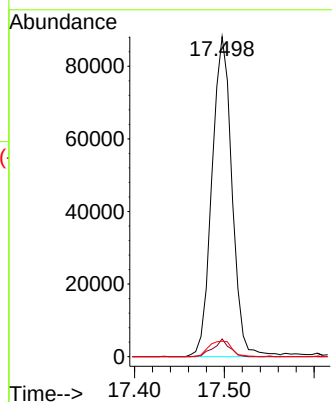
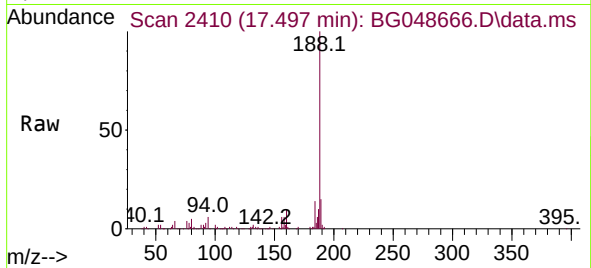




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

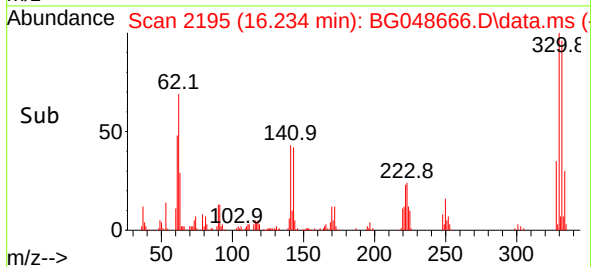
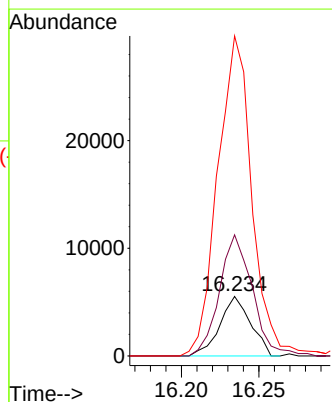
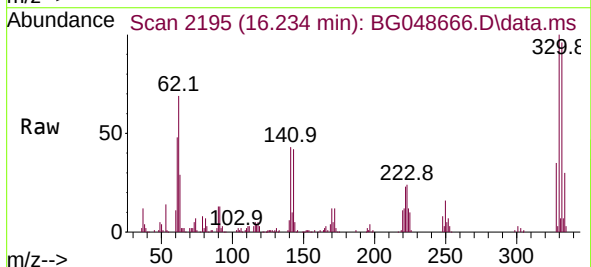
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SED

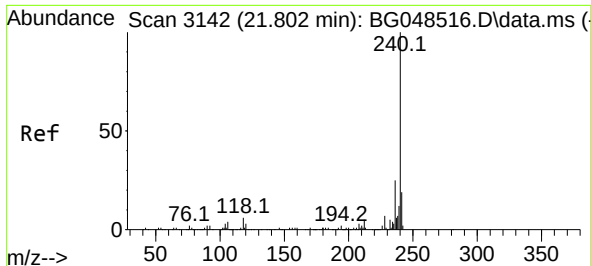
Tgt Ion:188 Resp: 136961
Ion Ratio Lower Upper
188 100
94 5.6 3.0 4.6#
80 4.9 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:248 Resp: 7629
Ion Ratio Lower Upper
248 100
250 203.6 82.6 124.0#
141 537.6 61.0 91.6#

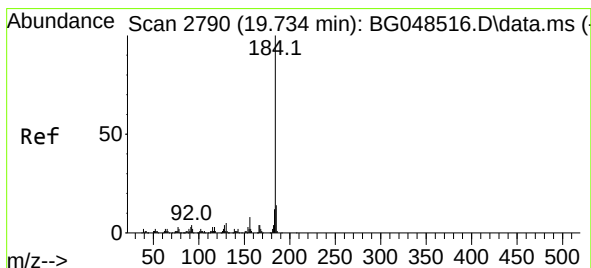
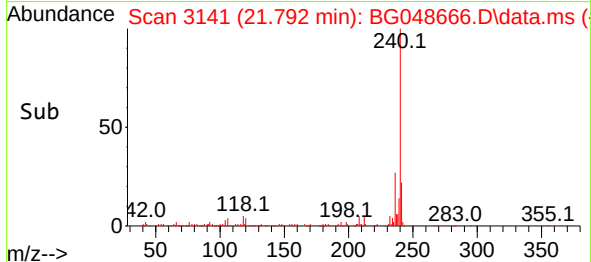
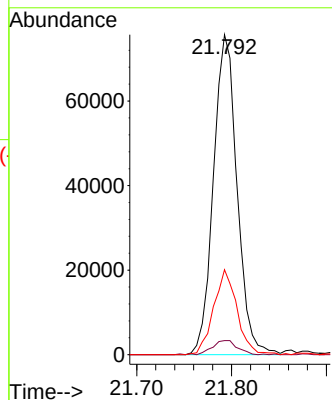
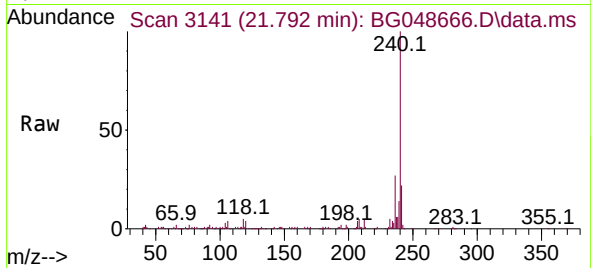




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

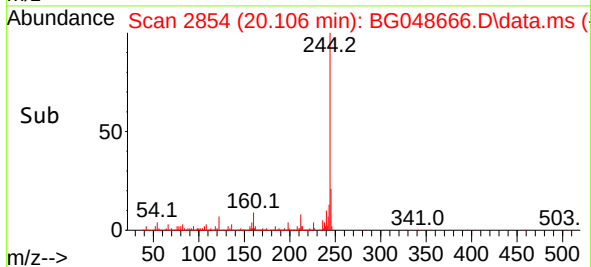
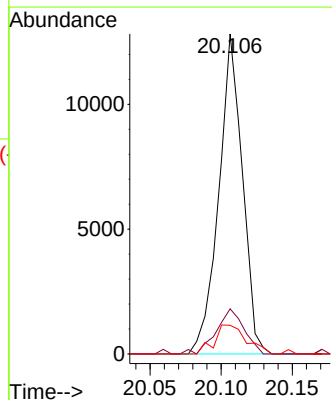
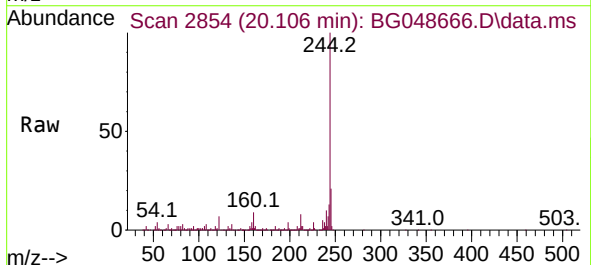
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06 SED

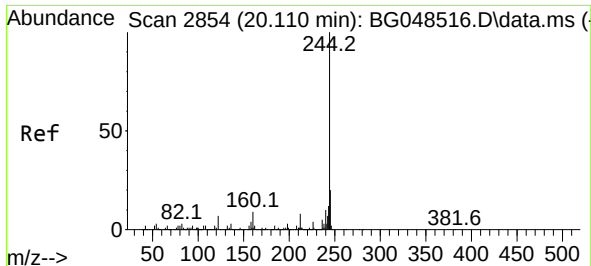
Tgt Ion:240 Resp: 131127
Ion Ratio Lower Upper
240 100
120 4.4 2.6 3.8#
236 26.6 19.8 29.6



#77
Benzidine
Concen: 3.33 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:184 Resp: 14782
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.4
183 9.0 9.2 13.8#

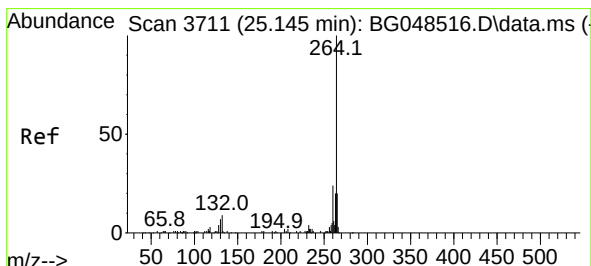
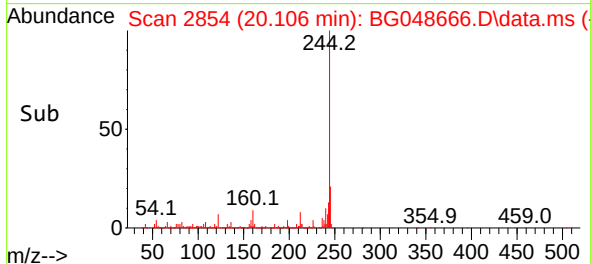
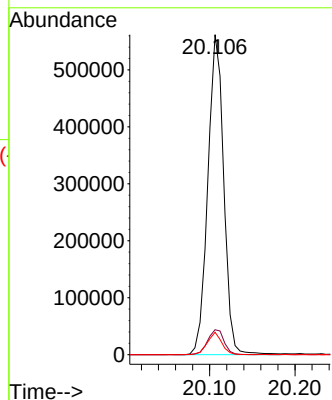
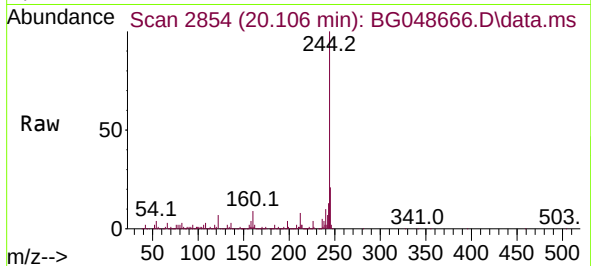




#79
Terphenyl-d14
Concen: 101.53 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SED

Tgt Ion:244 Resp: 727977
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048666.D
Acq: 12 Apr 2021 18:32

Tgt Ion:264 Resp: 93295
Ion Ratio Lower Upper
264 100
260 21.4 19.1 28.7
265 20.1 16.1 24.1

