

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048798.D
 Acq On : 20 Apr 2021 17:28
 Operator : CG/JU
 Sample : M2078-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01-DUPLICATE

Quant Time: Apr 21 04:32:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

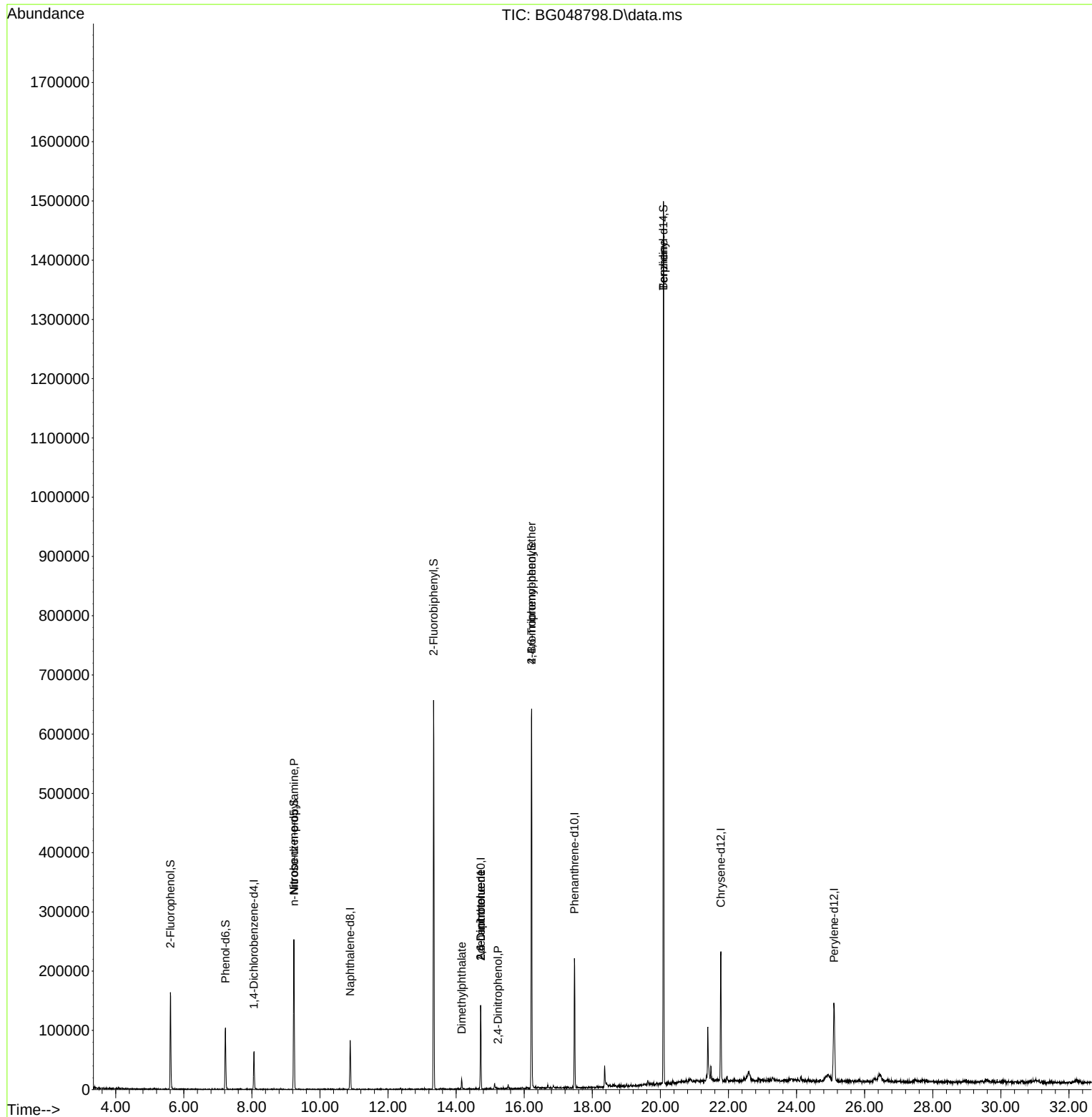
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	16906	20.00	ng	# 0.00
21) Naphthalene-d8	10.888	136	63613	20.00	ng	0.00
39) Acenaphthene-d10	14.719	164	47886	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	135897	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	134702	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	134713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	62380	61.71	ng	0.00
7) Phenol-d6	7.222	99	51552	36.06	ng	0.00
23) Nitrobenzene-d5	9.231	82	142680	100.42	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	106964	166.60	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	319763	96.43	ng	0.00
79) Terphenyl-d14	20.089	244	667712	85.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.237	70	21949	22.75	ng	# 74
50) Dimethylphthalate	14.161	163	9568	2.66	ng	# 92
51) 2,6-Dinitrotoluene	14.719	165	7229	8.72	ng	# 12
54) 2,4-Dinitrophenol	15.224	184	61	5.40	ng	# 8
57) 2,4-Dinitrotoluene	14.719	165	7229	6.01	ng	# 17
67) 4-Bromophenyl-phenylether	16.217	248	8736	5.59	ng	# 1
77) Benzidine	20.089	184	13683	3.74	ng	# 81

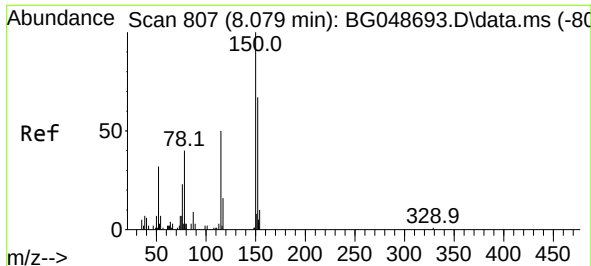
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
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Quant Time: Apr 21 04:32:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

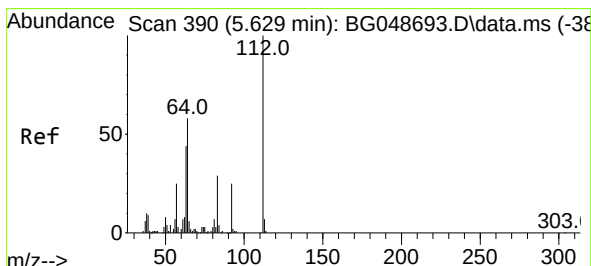
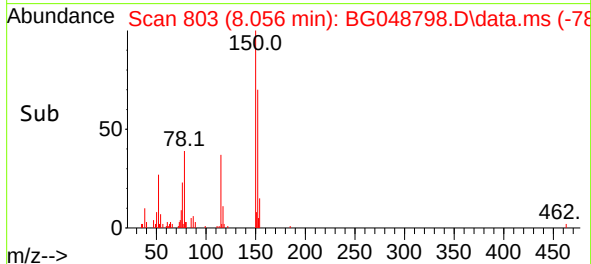
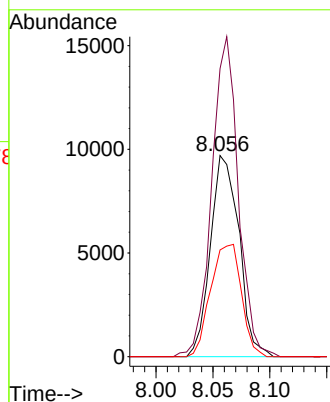
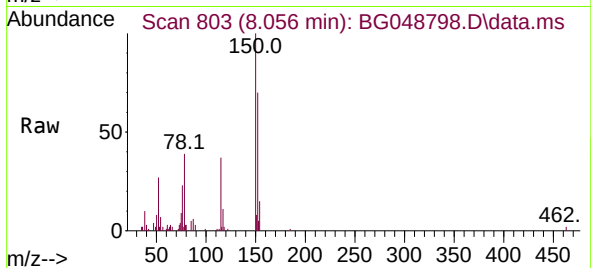




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

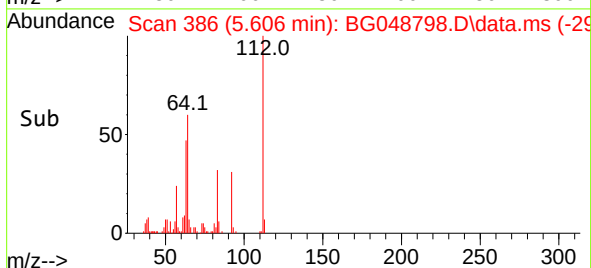
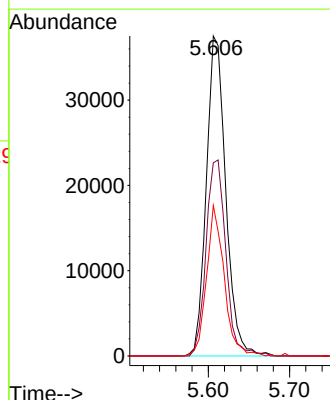
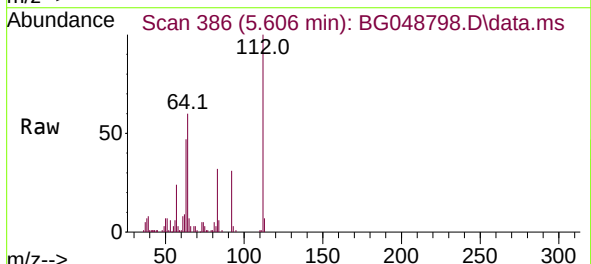
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

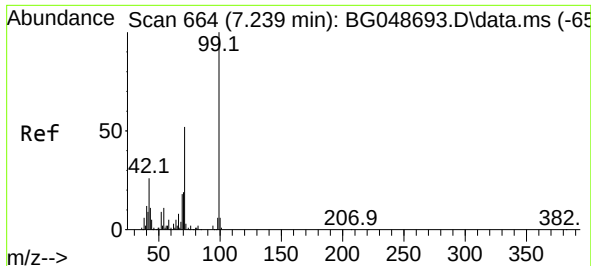
Tgt Ion:152 Resp: 16906
Ion Ratio Lower Upper
152 100
150 143.2 119.4 179.0
115 53.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 61.71 ng
RT: 5.606 min Scan# 386
Delta R.T. 0.001 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:112 Resp: 62380
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 47.0 35.3 52.9

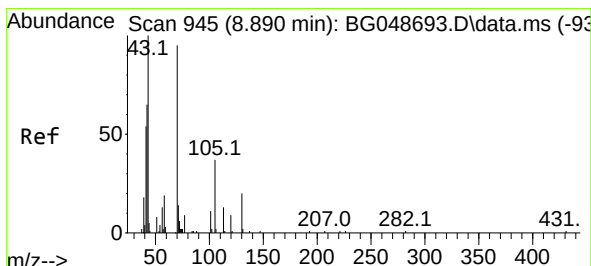
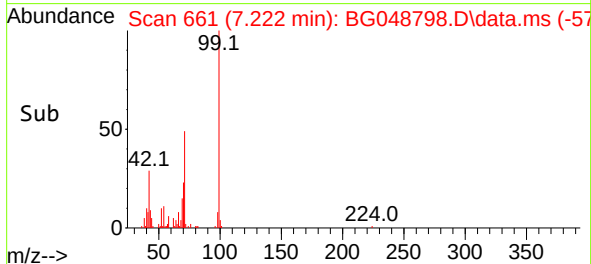
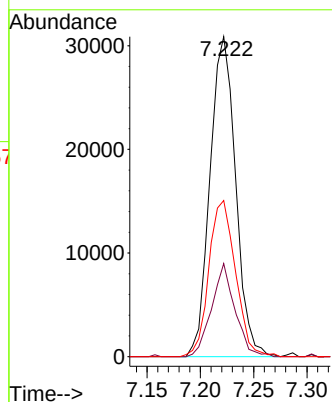
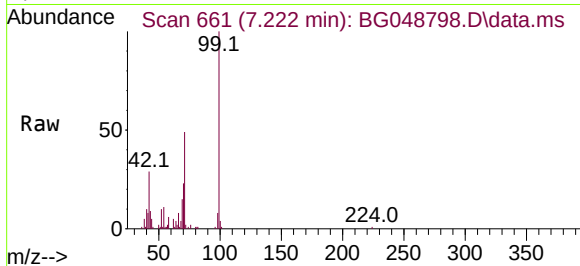




#7
Phenol-d6
Concen: 36.06 ng
RT: 7.222 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

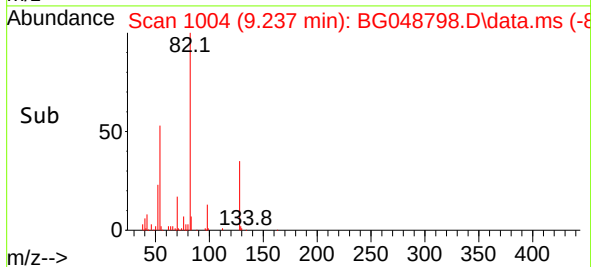
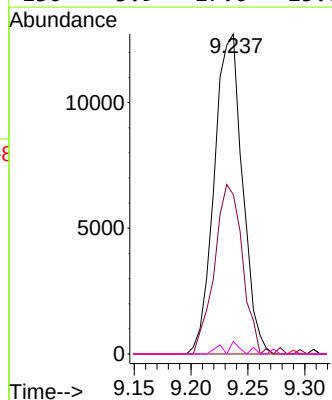
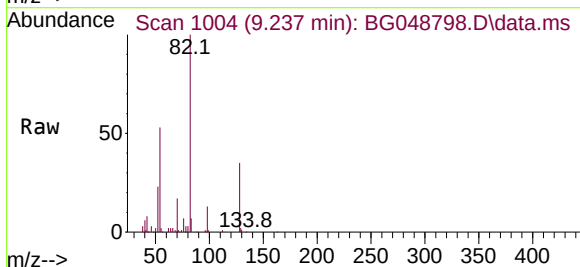
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

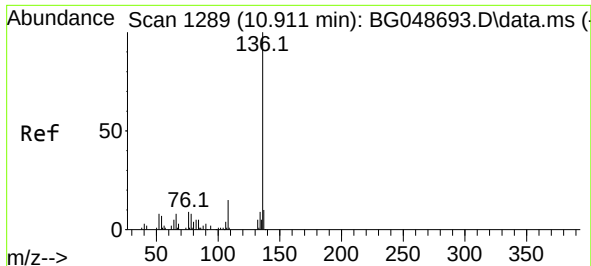
Tgt Ion: 99 Resp: 51552
Ion Ratio Lower Upper
99 100
42 29.1 20.5 30.7
71 48.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.75 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion: 70 Resp: 21949
Ion Ratio Lower Upper
70 100
42 49.8 54.5 81.7#
101 0.0 9.0 13.6#
130 3.9 17.0 25.6#

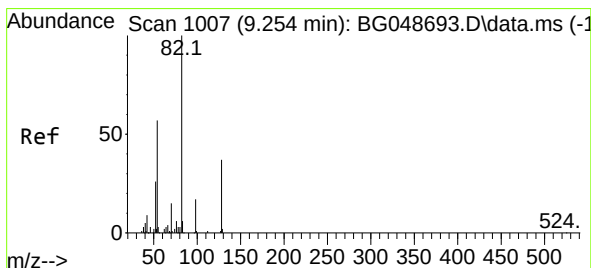
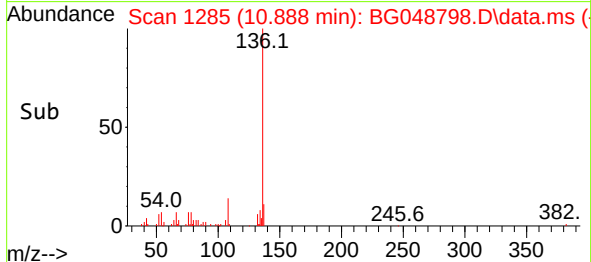
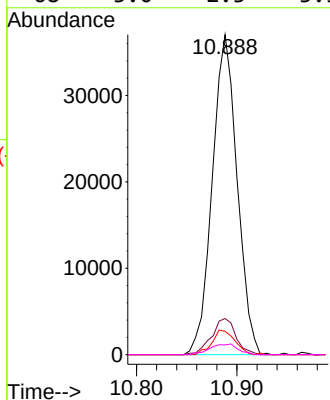
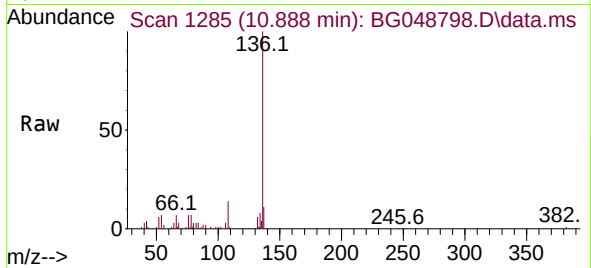




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

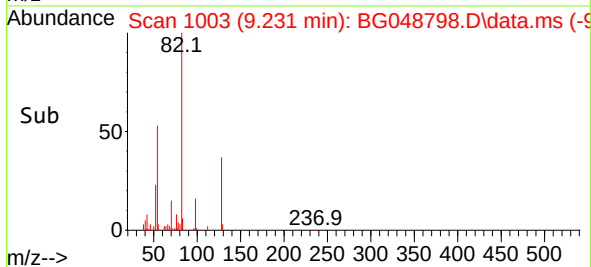
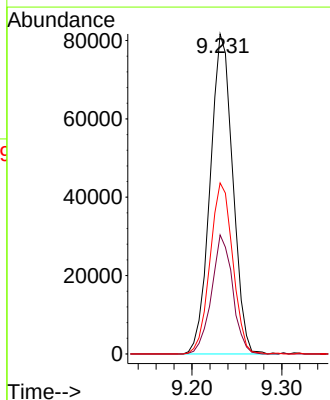
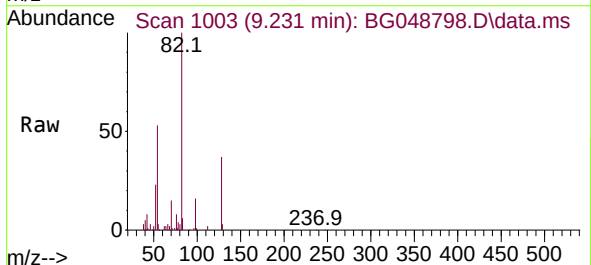
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

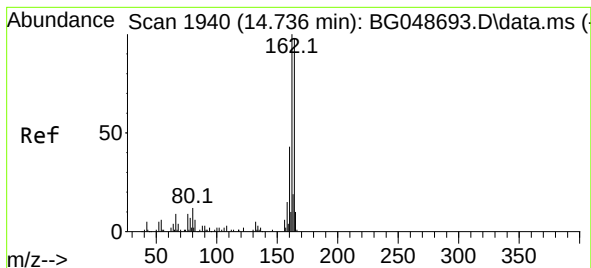
Tgt Ion:	136	Resp:	63613
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	7.3	5.5	8.3
68	3.0	2.3	3.5



#23
Nitrobenzene-d5
Concen: 100.42 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:	82	Resp:	142680
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.8	44.6
54	53.4	45.8	68.8

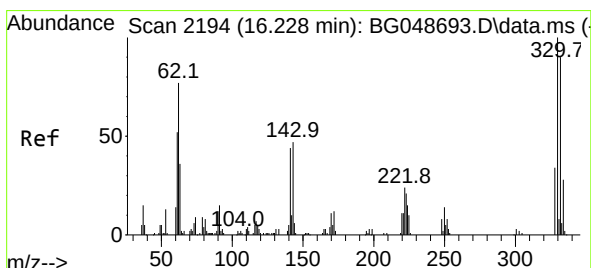
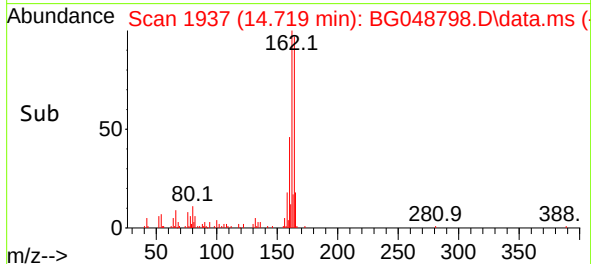
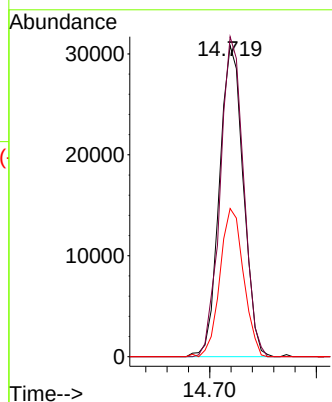
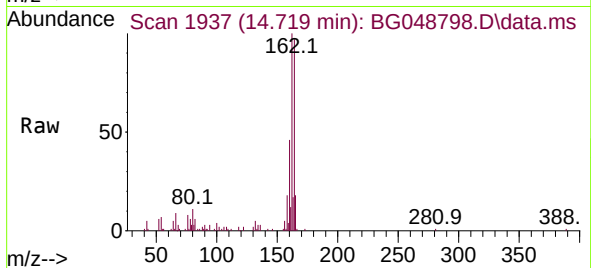




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

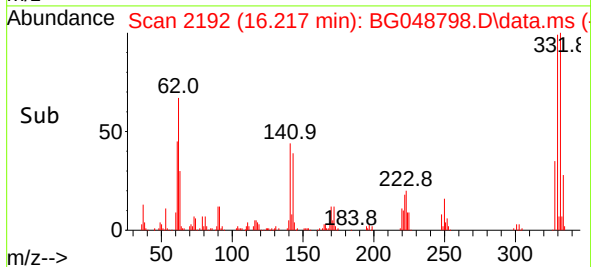
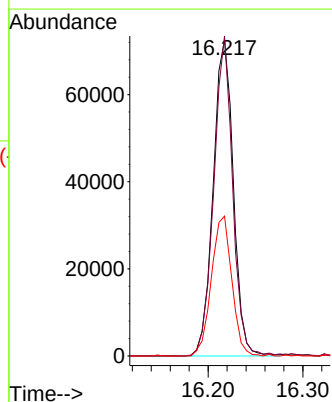
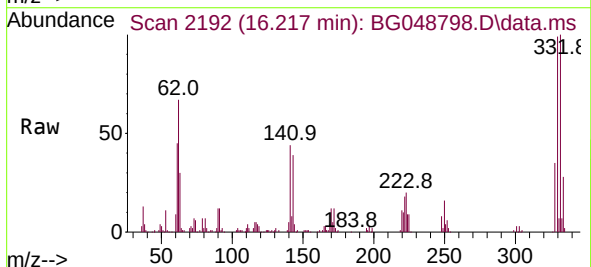
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

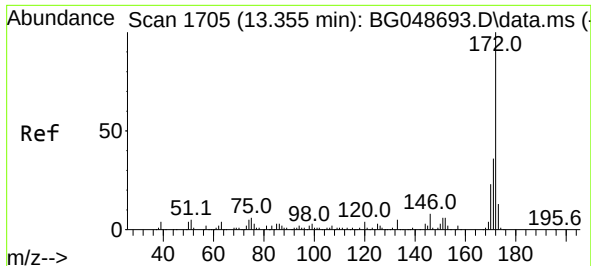
Tgt Ion:164 Resp: 47886
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 47.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 166.60 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:330 Resp: 106964
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 44.8 35.6 53.4

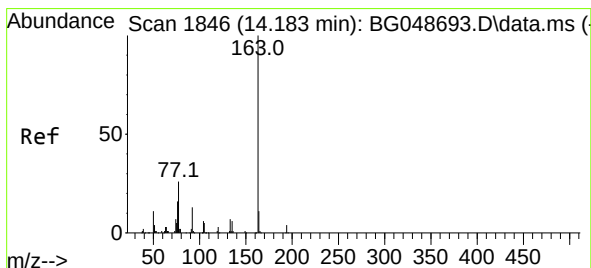
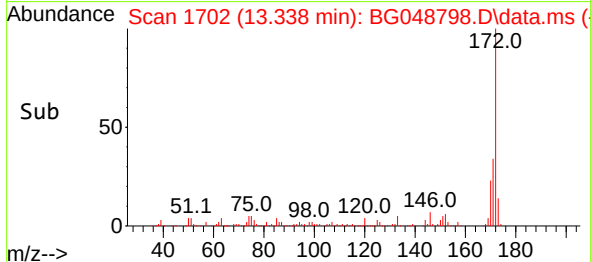
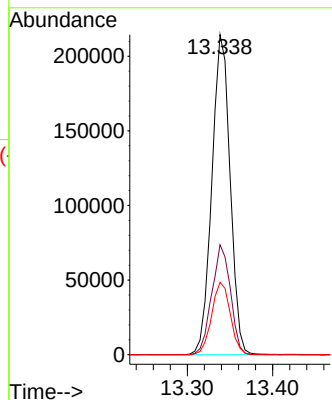
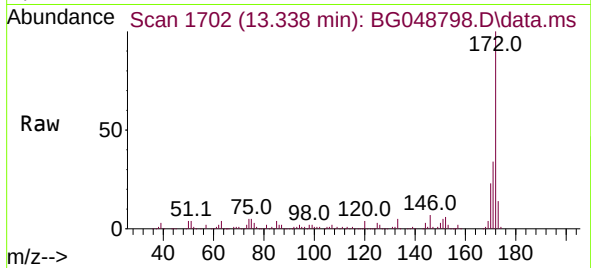




#45
2-Fluorobiphenyl
Concen: 96.43 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

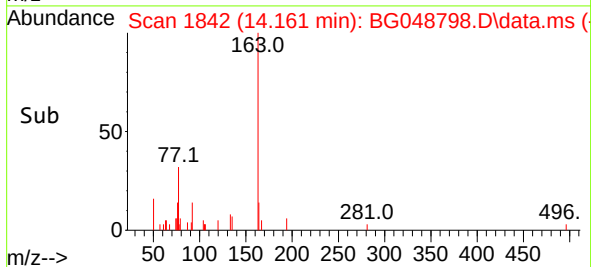
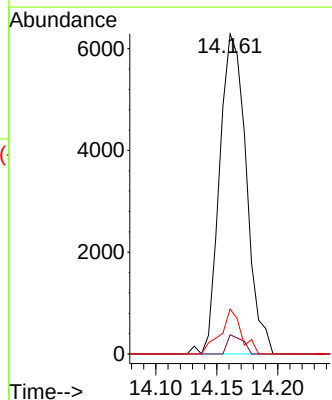
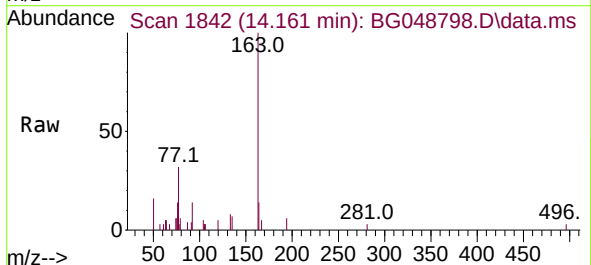
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ClientSampleId :
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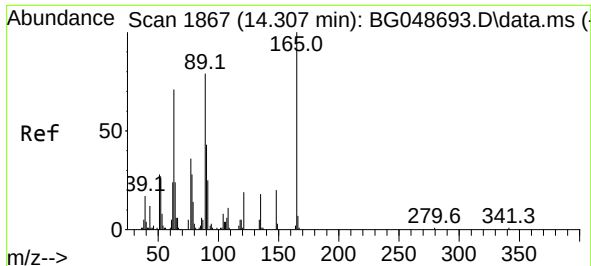
Tgt Ion:172	Resp:	319763
Ion Ratio	Lower	Upper
172	100	
171	34.3	28.6 43.0
170	22.6	18.6 27.8



#50
Dimethylphthalate
Concen: 2.66 ng
RT: 14.161 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:163	Resp:	9568
Ion Ratio	Lower	Upper
163	100	
194	6.0	3.0 4.6#
164	14.1	8.6 12.8#

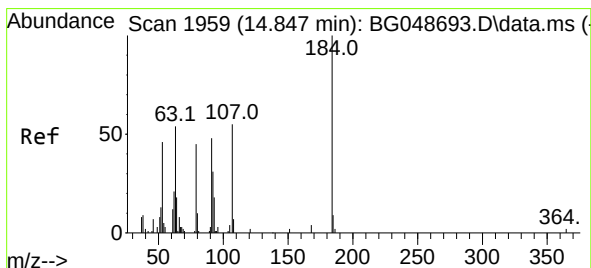
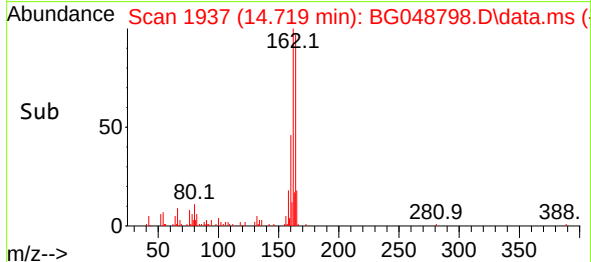
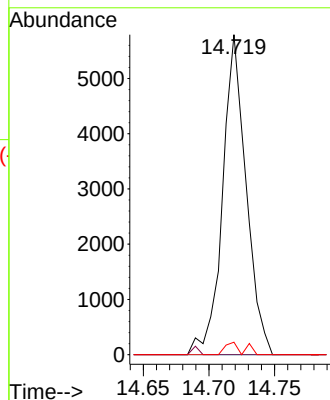
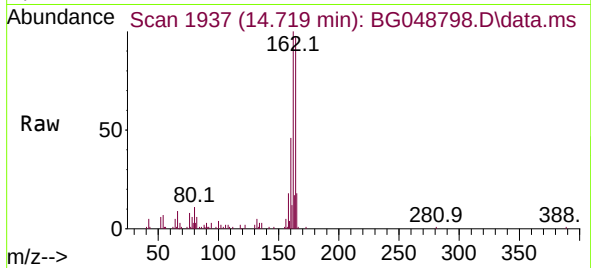




#51
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

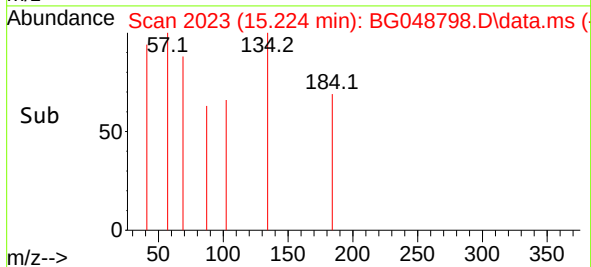
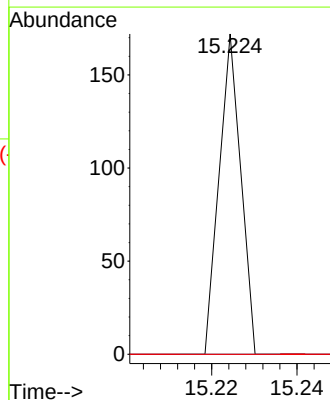
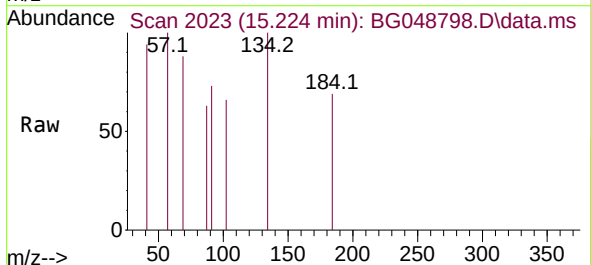
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TWP-01-DUPLICATE

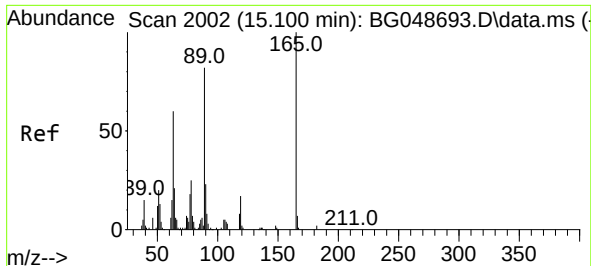
Tgt Ion:165 Resp: 7229
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.40 ng
RT: 15.224 min Scan# 2023
Delta R.T. 0.389 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

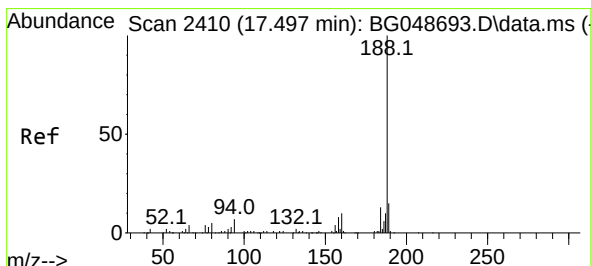
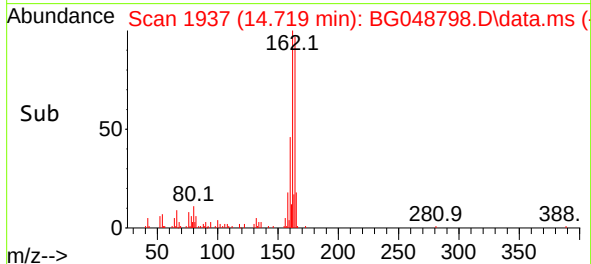
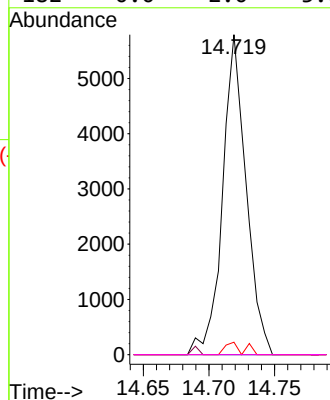
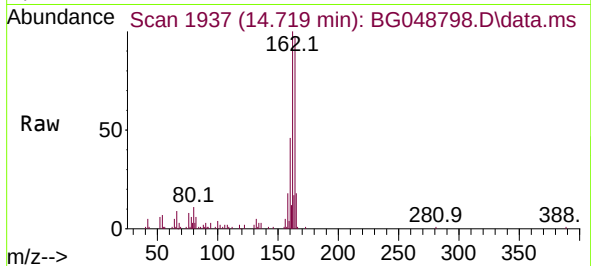




#57
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.363 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

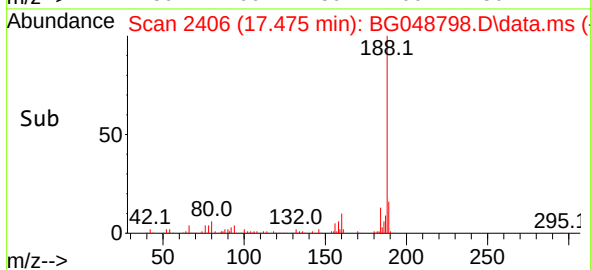
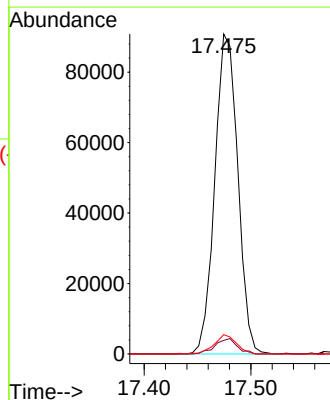
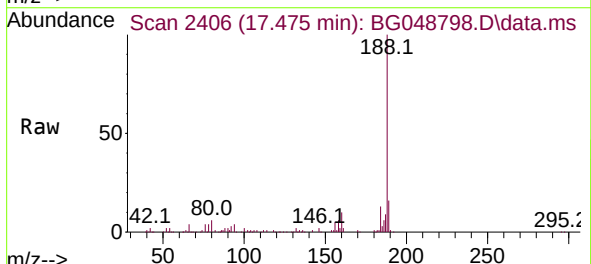
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

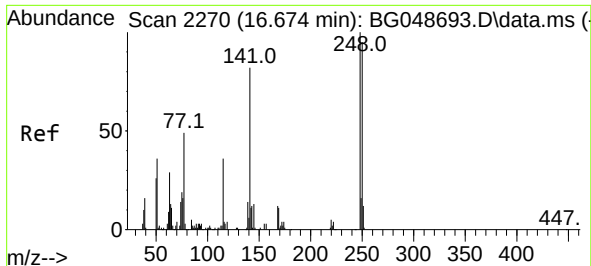
Tgt Ion:165 Resp: 7229
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:188 Resp: 135897
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 6.1 3.7 5.5#

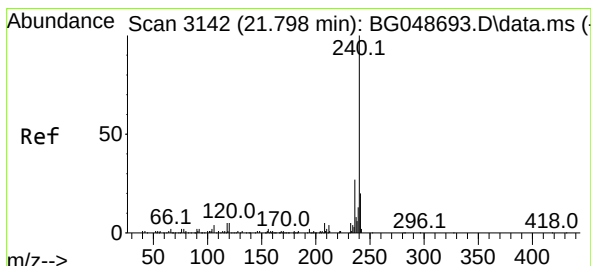
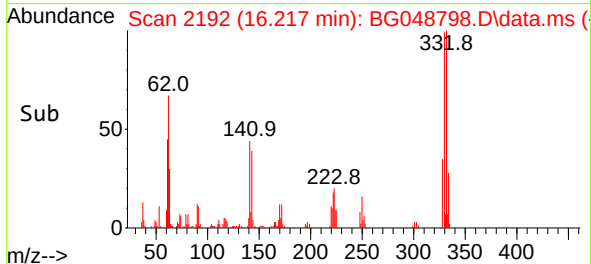
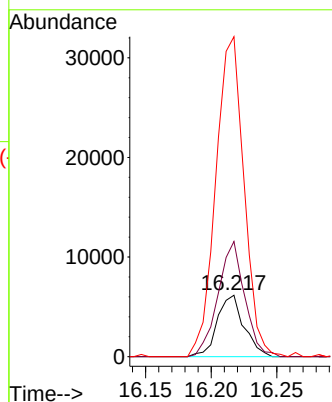
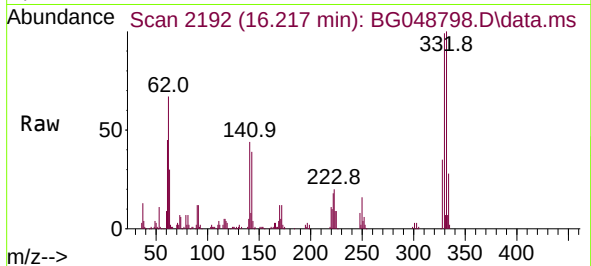




#67
4-Bromophenyl-phenylether
Concen: 5.59 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

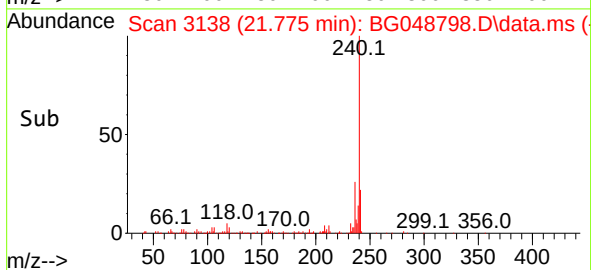
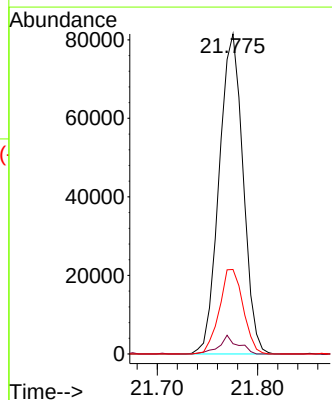
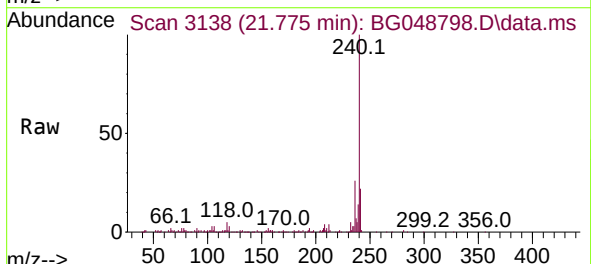
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

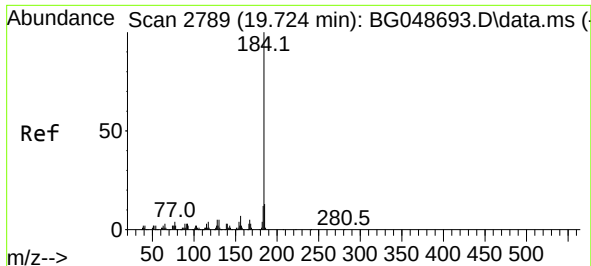
Tgt Ion:248 Resp: 8736
Ion Ratio Lower Upper
248 100
250 233.8 76.1 114.1#
141 520.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:240 Resp: 134702
Ion Ratio Lower Upper
240 100
120 3.2 4.2 6.2#
236 26.4 21.8 32.6

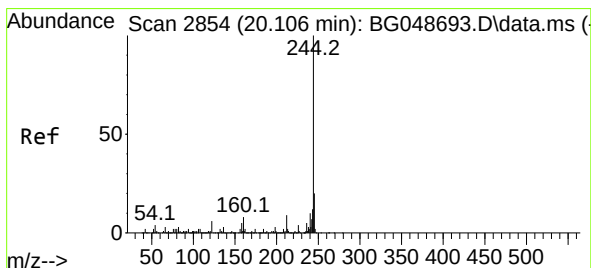
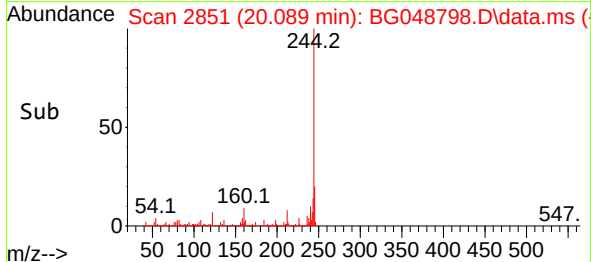
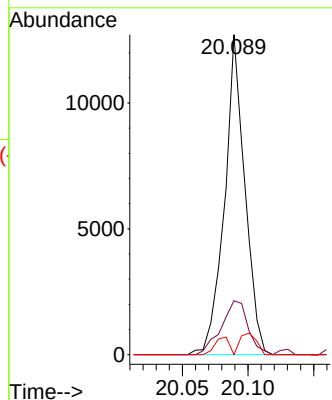
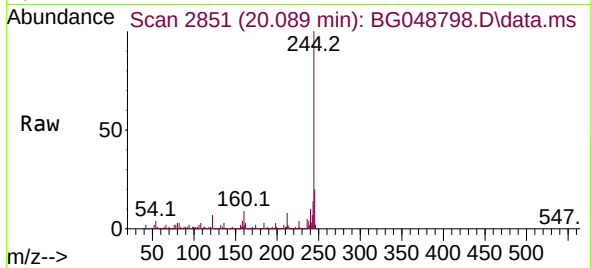




#77
Benzidine
Concen: 3.74 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

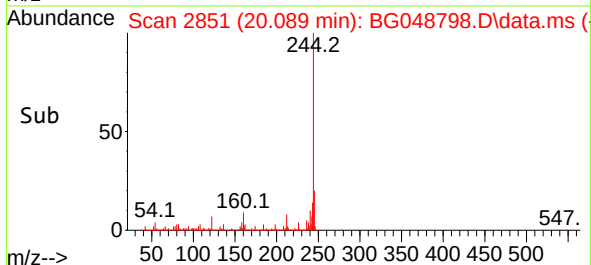
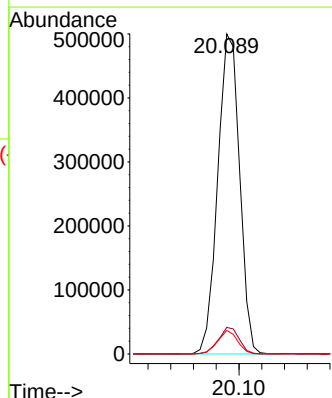
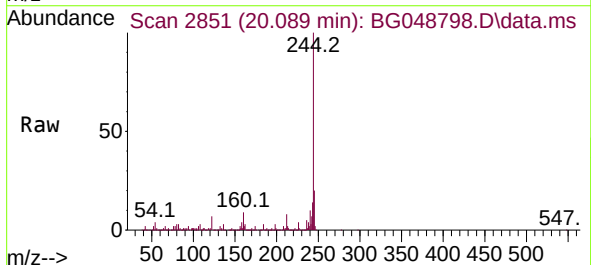
Instrument :
BNA_G
ClientSampleId :
TWP-01-DUPLICATE

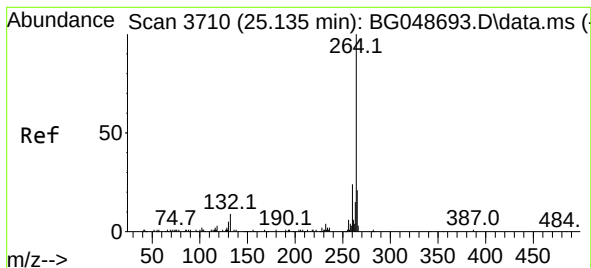
Tgt Ion:184 Resp: 13683
Ion Ratio Lower Upper
184 100
185 16.9 10.7 16.1#
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 85.32 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048798.D
Acq: 20 Apr 2021 17:28

Tgt Ion:244 Resp: 667712
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.4 5.0 7.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.101 min Scan# 3704

Delta R.T. -0.011 min

Lab File: BG048798.D

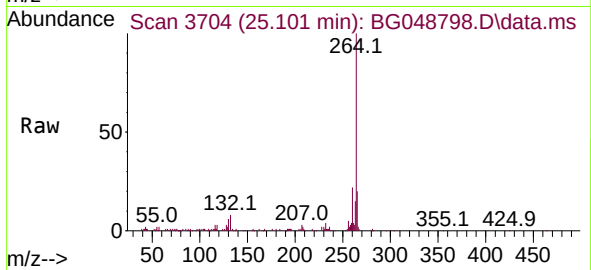
Acq: 20 Apr 2021 17:28

Instrument :

BNA_G

ClientSampleId :

TWP-01-DUPLICATE



Tgt Ion:264 Resp: 134713

Ion Ratio Lower Upper

264 100

260 22.1 19.4 29.2

265 19.6 16.9 25.3

