

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048757.D
 Acq On : 17 Apr 2021 16:24
 Operator : CG/JU
 Sample : M2043-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-WC-SOIL

Quant Time: Apr 19 00:27:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

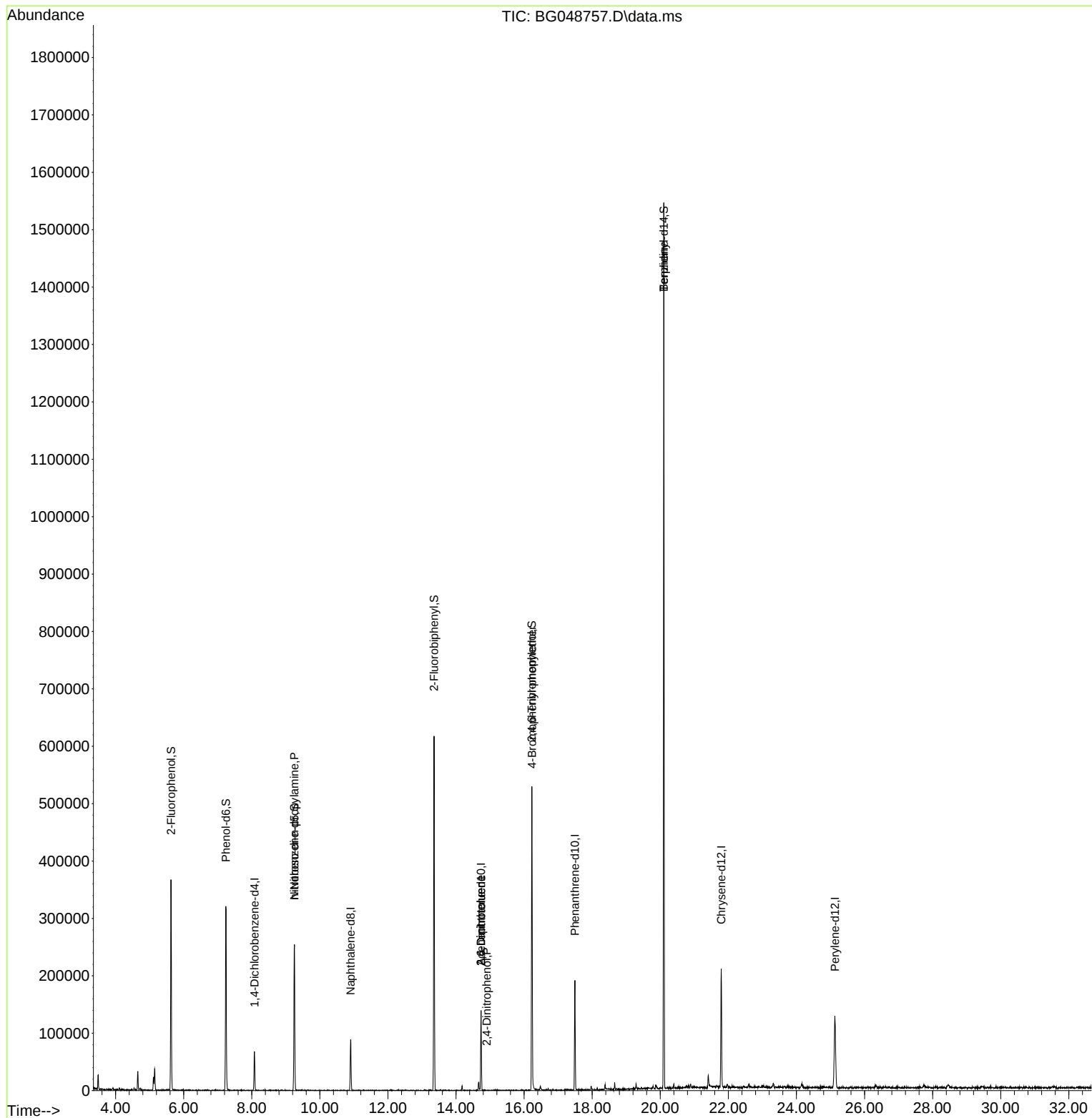
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	16029	20.00	ng	0.00
21) Naphthalene-d8	10.903	136	67898	20.00	ng	0.00
39) Acenaphthene-d10	14.734	164	48159	20.00	ng	0.00
64) Phenanthrene-d10	17.490	188	115934	20.00	ng	# 0.00
76) Chrysene-d12	21.791	240	127617	20.00	ng	# 0.00
86) Perylene-d12	25.128	264	129697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	135242	141.12	ng	0.00
7) Phenol-d6	7.237	99	152738	112.67	ng	0.00
23) Nitrobenzene-d5	9.252	82	140894	92.90	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	88853	137.60	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	299526	89.82	ng	0.00
79) Terphenyl-d14	20.104	244	647015	87.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.252	70	23699	25.91	ng	# 84
51) 2,6-Dinitrotoluene	14.734	165	6757	8.11	ng	# 12
54) 2,4-Dinitrophenol	14.905	184	62	5.40	ng	# 8
57) 2,4-Dinitrotoluene	14.734	165	6757	5.58	ng	# 18
67) 4-Bromophenyl-phenylether	16.232	248	6842	5.13	ng	# 1
77) Benzidine	20.104	184	13091	3.78	ng	# 85

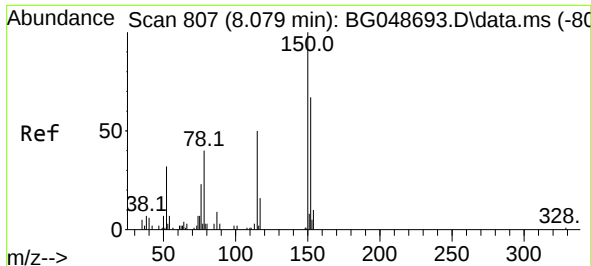
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

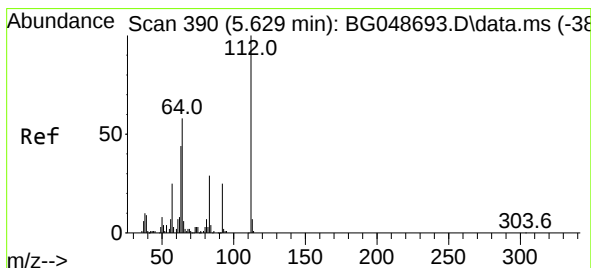
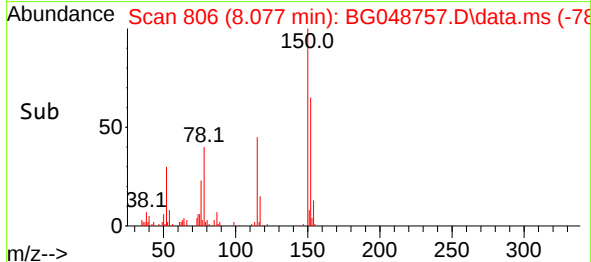
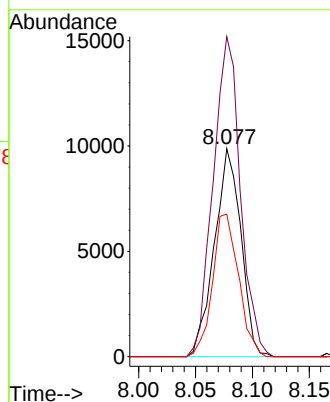
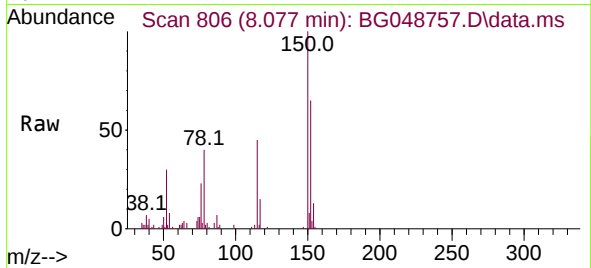




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.077 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

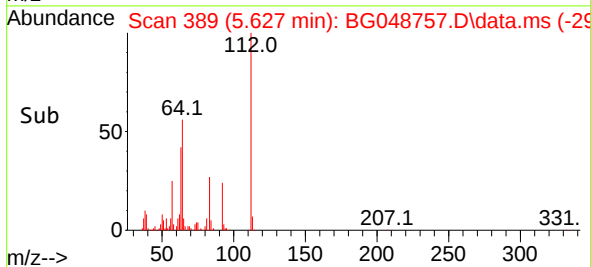
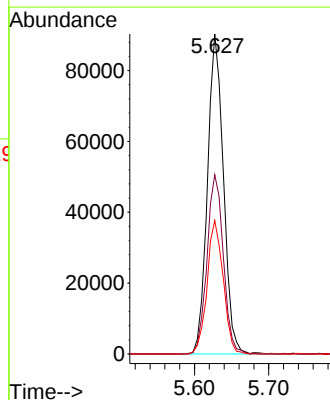
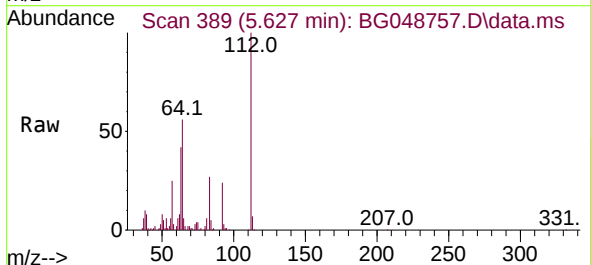
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

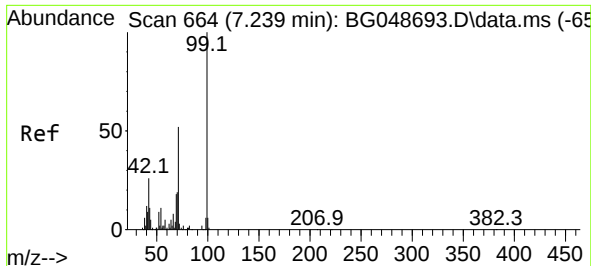
Tgt Ion:152 Resp: 16029
Ion Ratio Lower Upper
152 100
150 153.8 119.4 179.0
115 68.5 60.2 90.4



#5
2-Fluorophenol
Concen: 141.12 ng
RT: 5.627 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:112 Resp: 135242
Ion Ratio Lower Upper
112 100
64 56.0 46.7 70.1
63 41.7 35.3 52.9

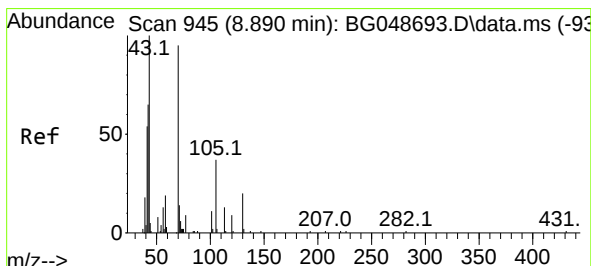
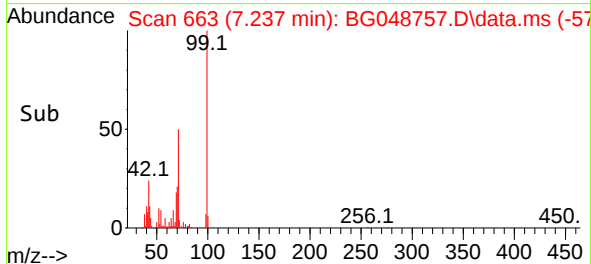
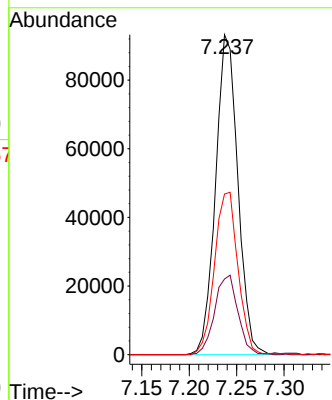
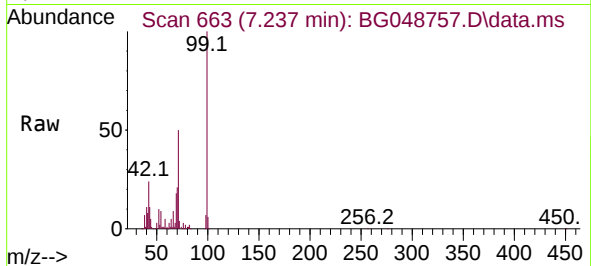




#7
Phenol-d6
Concen: 112.67 ng
RT: 7.237 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

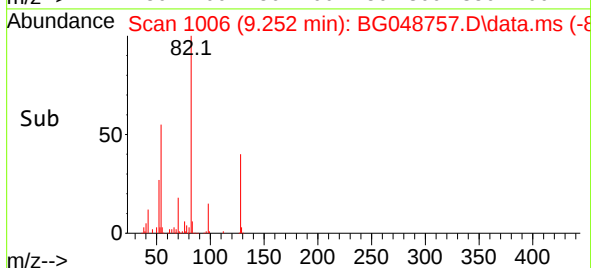
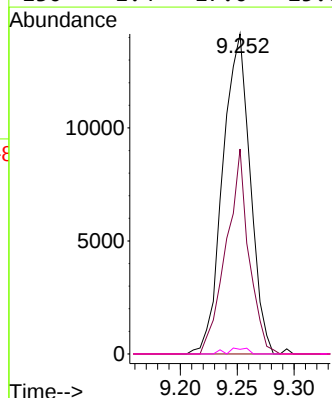
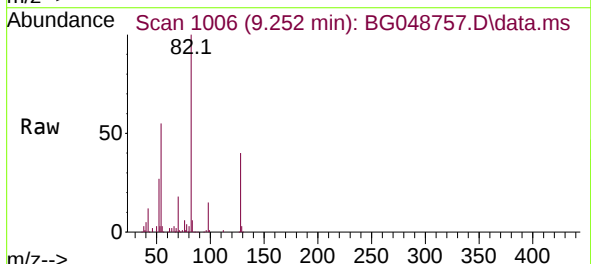
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

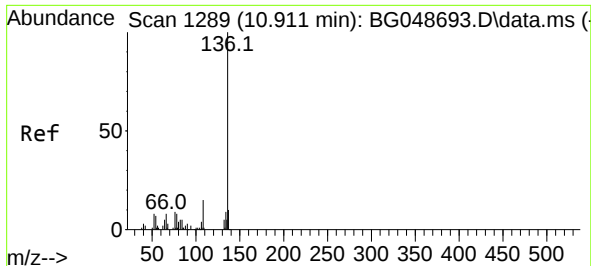
Tgt Ion: 99 Resp: 152738
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 50.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.91 ng
RT: 9.252 min Scan# 1006
Delta R.T. 0.362 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion: 70 Resp: 23699
Ion Ratio Lower Upper
70 100
42 64.1 54.5 81.7
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

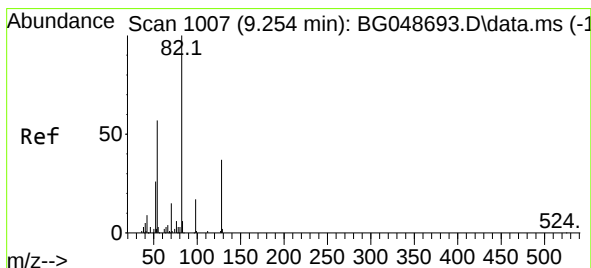
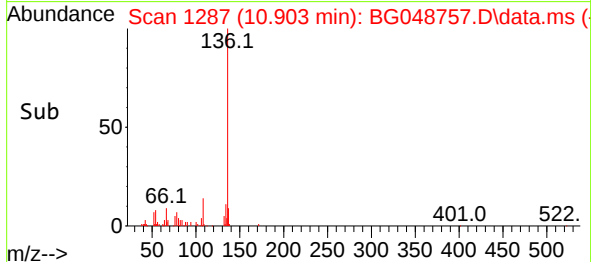
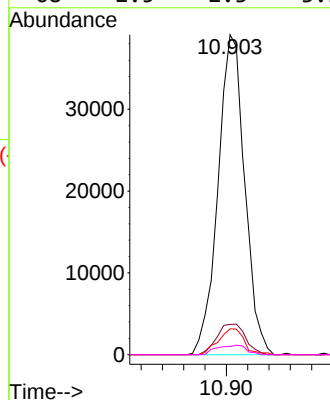
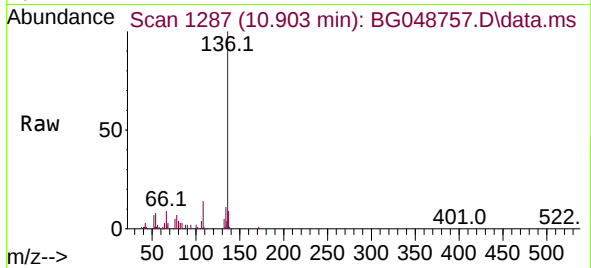




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.903 min Scan# 1287
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

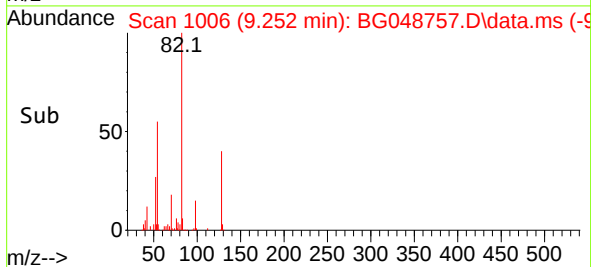
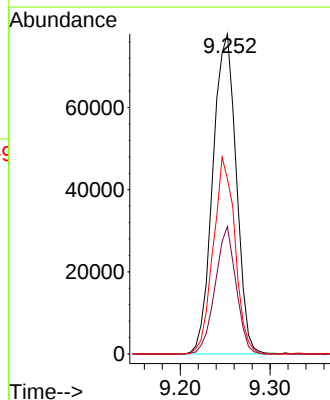
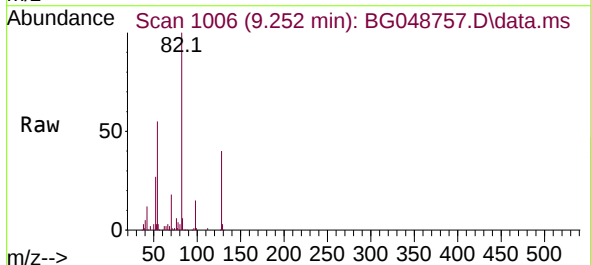
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

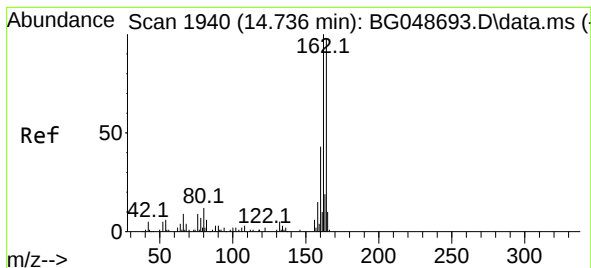
Tgt Ion:	136	Resp:	67898
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.2	12.2
54	8.1	5.5	8.3
68	2.5	2.3	3.5



#23
Nitrobenzene-d5
Concen: 92.90 ng
RT: 9.252 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:	82	Resp:	140894
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.8	44.6
54	54.7	45.8	68.8

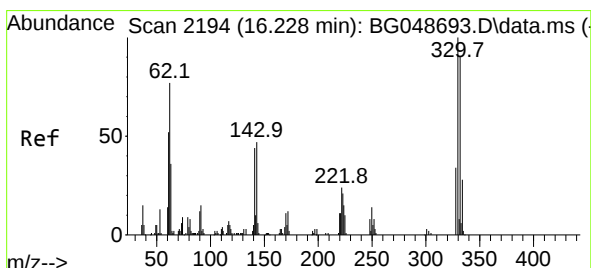
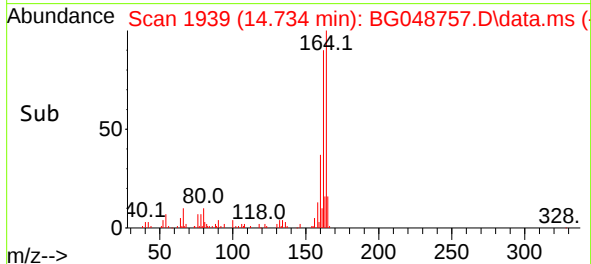
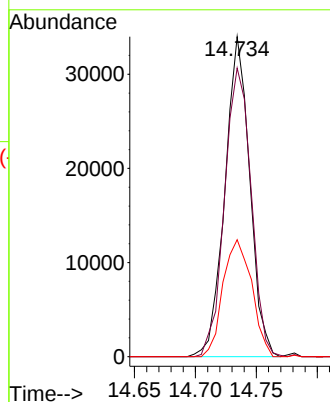
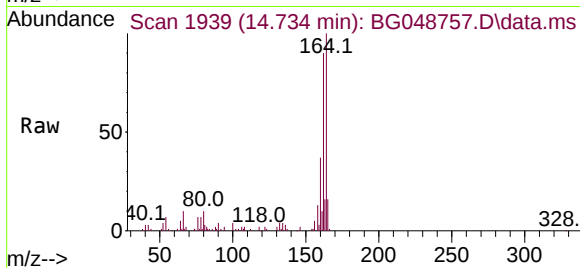




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

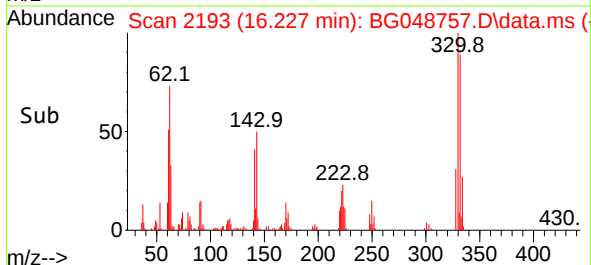
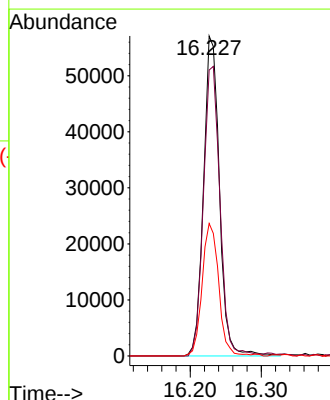
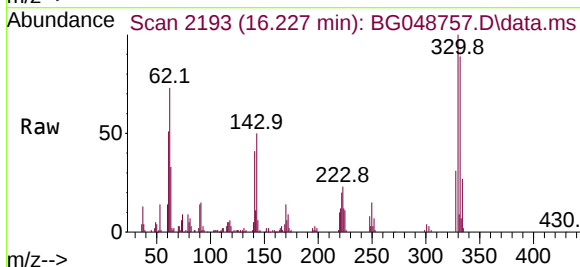
Instrument :
BNA_G
ClientSampleId :
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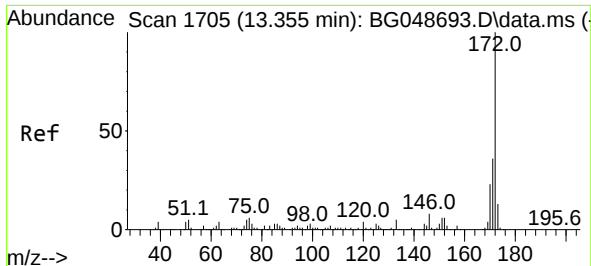
Tgt Ion:164 Resp: 48159
Ion Ratio Lower Upper
164 100
162 90.2 81.4 122.0
160 36.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.60 ng
RT: 16.227 min Scan# 2193
Delta R.T. -0.009 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:330 Resp: 88853
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 43.3 35.6 53.4

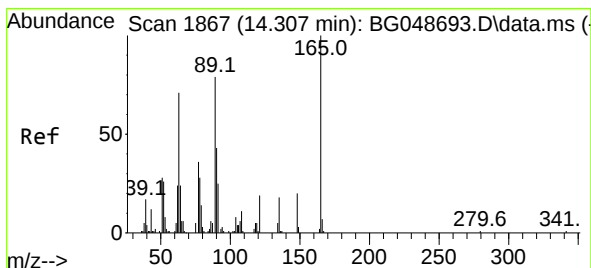
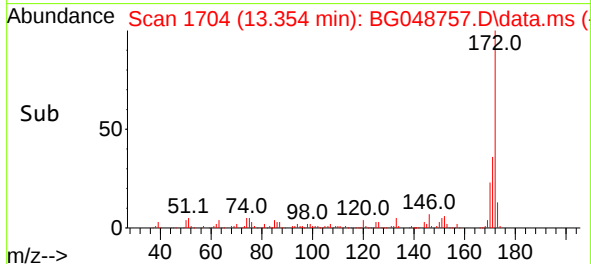
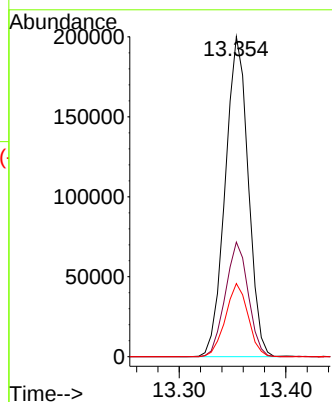
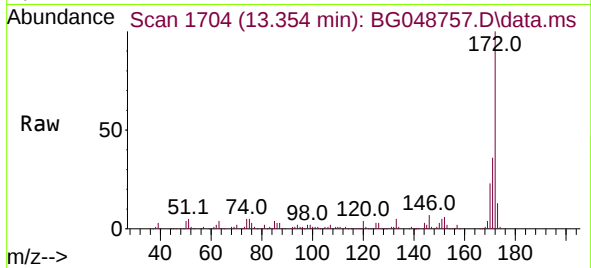




#45
2-Fluorobiphenyl
Concen: 89.82 ng
RT: 13.354 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

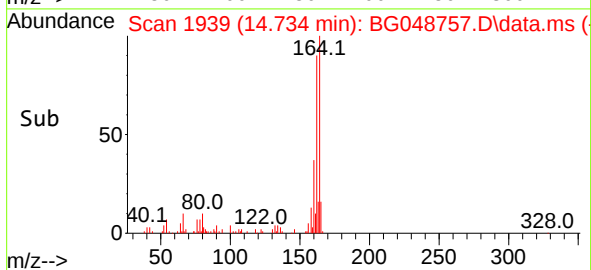
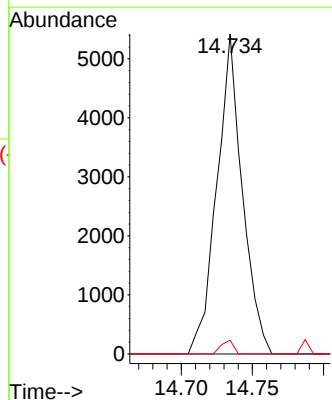
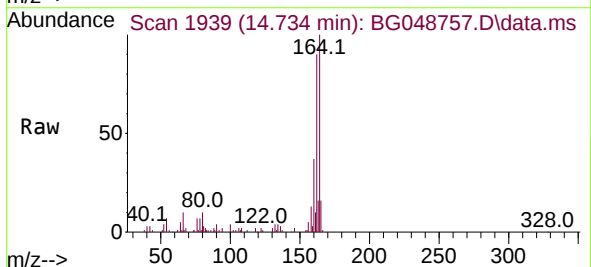
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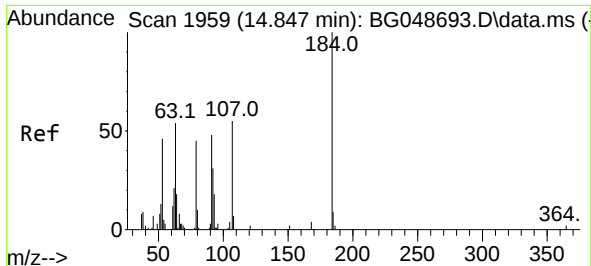
Tgt Ion:172 Resp: 299526
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 14.734 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:165 Resp: 6757
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.3 63.4 95.0#

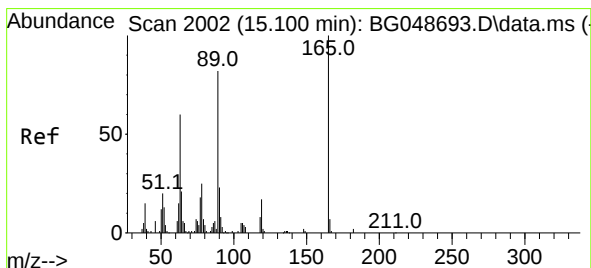
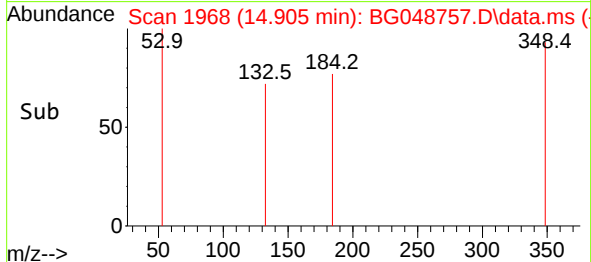
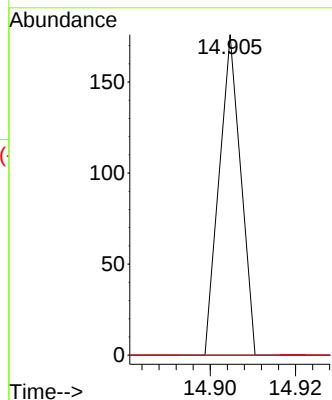
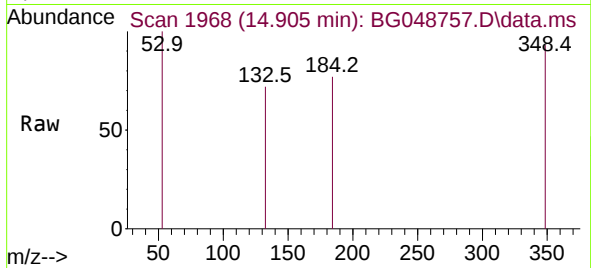




#54
2,4-Dinitrophenol
Concen: 5.40 ng
RT: 14.905 min Scan# 1968
Delta R.T. 0.050 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

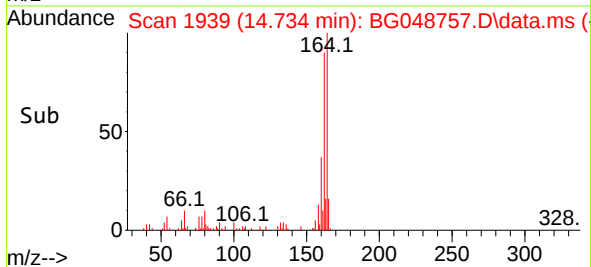
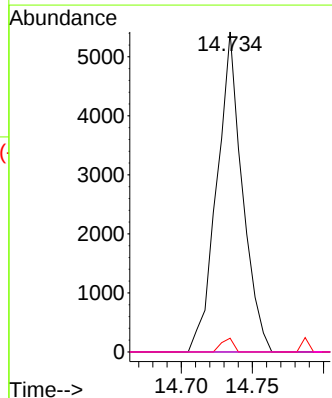
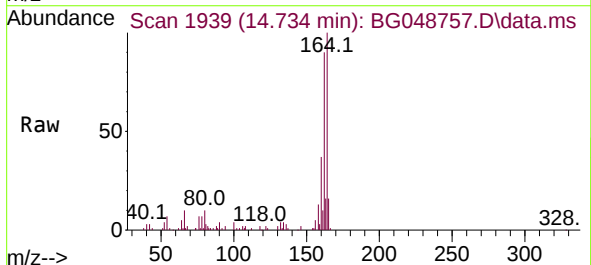
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ClientSampled :
FS-WC-SOIL

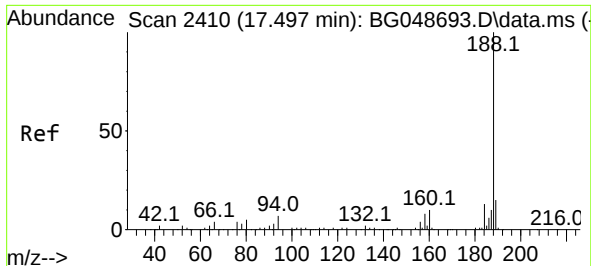
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.367 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:165 Resp: 6757
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.3 65.4 98.0#
182 0.0 2.0 3.0#

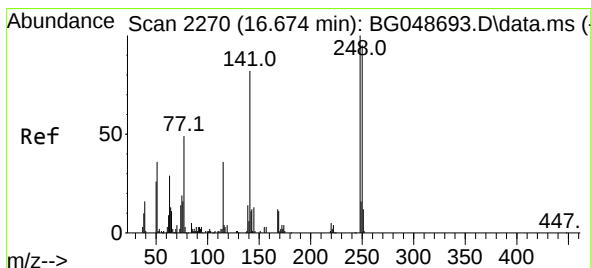
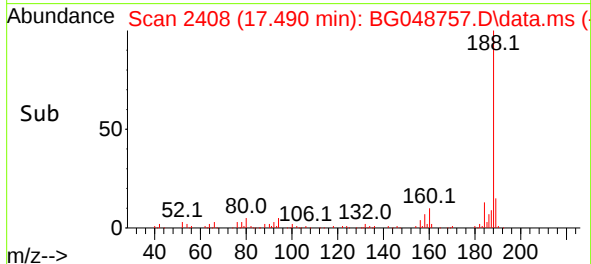
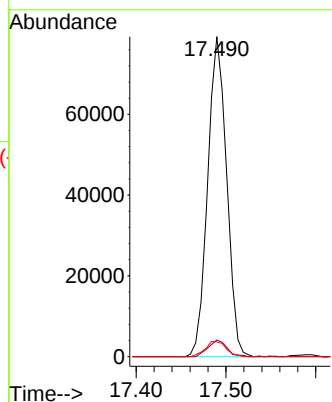
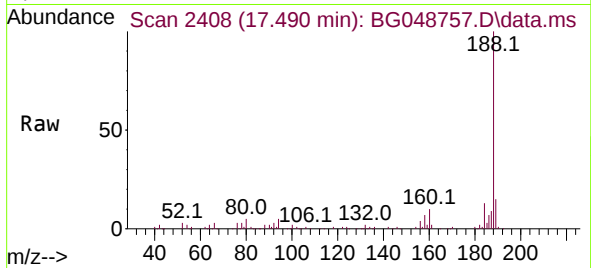




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.490 min Scan# 2408
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

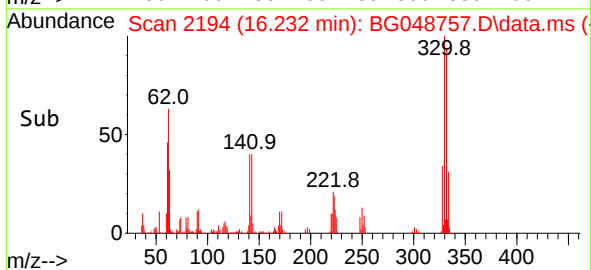
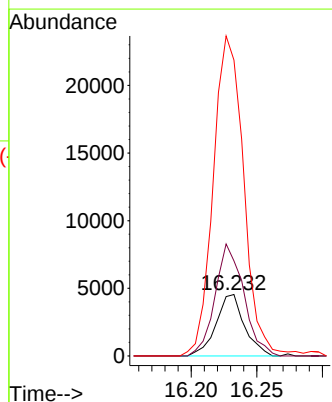
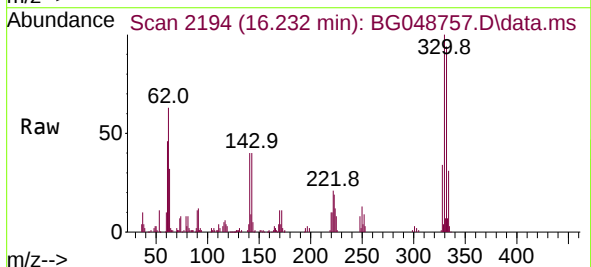
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

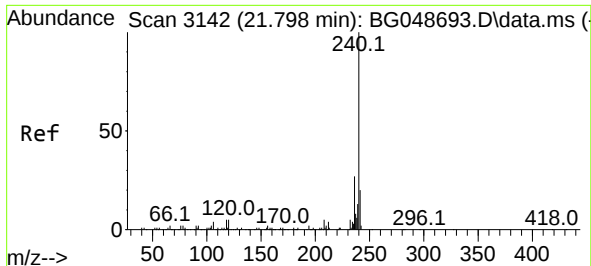
Tgt Ion:188 Resp: 115934
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 4.6 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.443 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:248 Resp: 6842
Ion Ratio Lower Upper
248 100
250 197.8 76.1 114.1#
141 481.1 65.4 98.2#

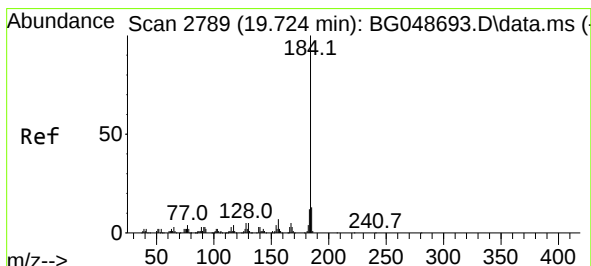
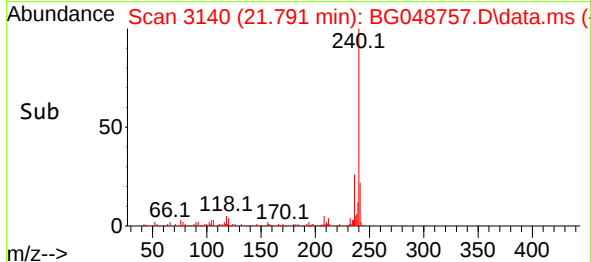
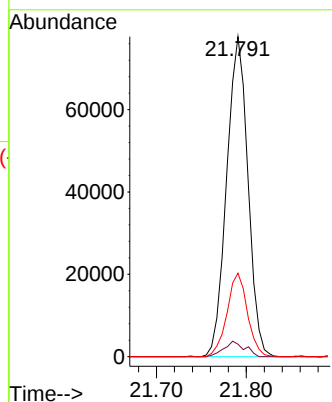
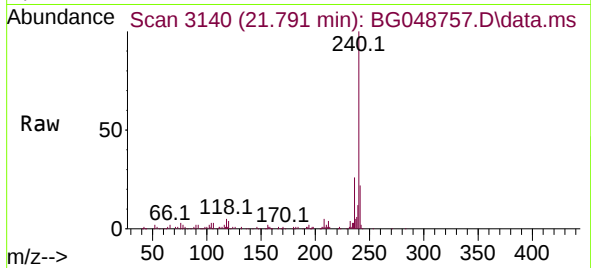




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.791 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

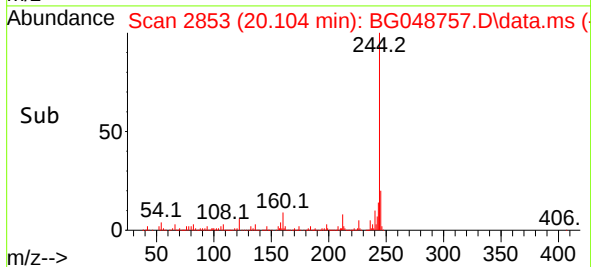
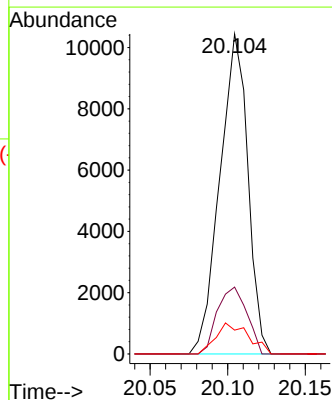
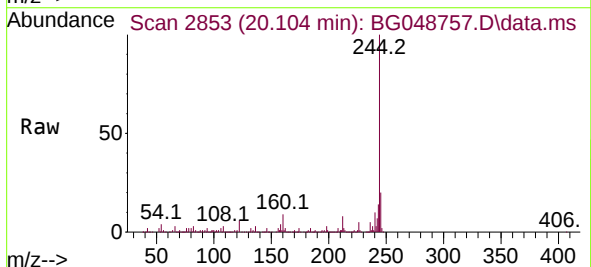
Instrument :
BNA_G
ClientSampled :
FS-WC-SOIL

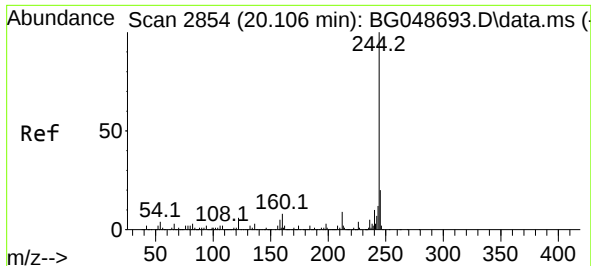
Tgt Ion:240 Resp: 127617
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 26.1 21.8 32.6



#77
Benzidine
Concen: 3.78 ng
RT: 20.104 min Scan# 2853
Delta R.T. 0.373 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:184 Resp: 13091
Ion Ratio Lower Upper
184 100
185 20.9 10.7 16.1#
183 7.5 9.4 14.0#

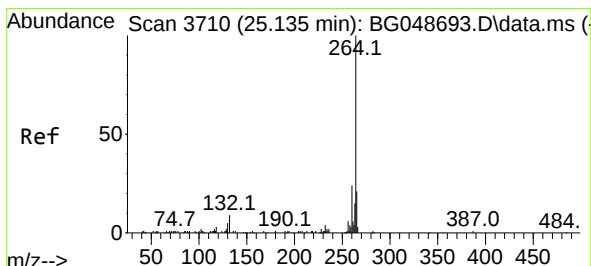
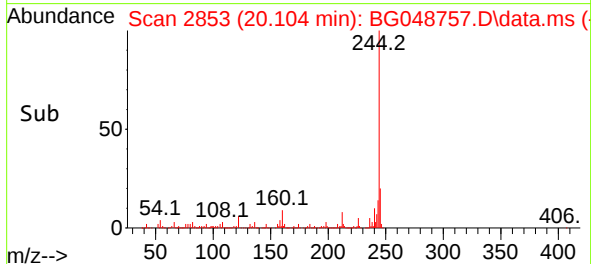
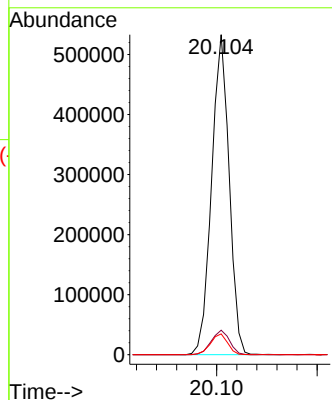
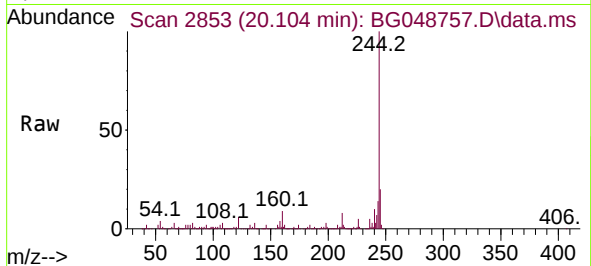




#79
Terphenyl-d14
Concen: 87.26 ng
RT: 20.104 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

Tgt Ion:244 Resp: 647015
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.5 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.128 min Scan# 3708
Delta R.T. -0.014 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:264 Resp: 129697
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 20.3 16.9 25.3

