

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060785.D
 Acq On : 4 Apr 2024 19:37
 Operator : MA/JU
 Sample : P1974-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-3

Quant Time: Apr 05 01:16:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

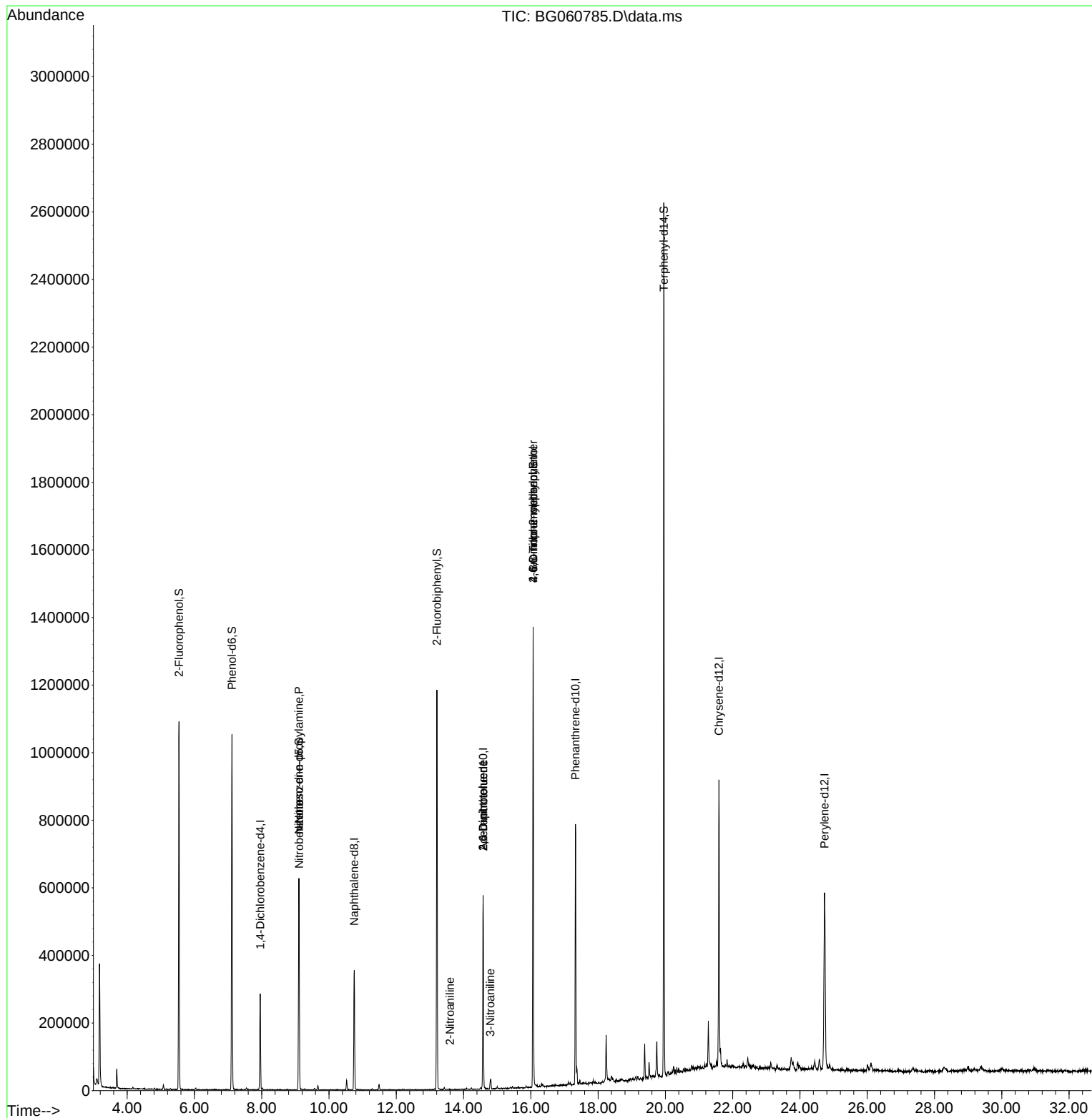
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	73325	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	283237	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	209323	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	495232	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	478852	20.000	ng	-0.01
86) Perylene-d12	24.730	264	571610	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	422846	96.067	ng	0.00
7) Phenol-d6	7.115	99	529375	81.024	ng	0.00
23) Nitrobenzene-d5	9.107	82	334689	67.427	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	264200	111.188	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	623114	43.688	ng	-0.01
79) Terphenyl-d14	19.953	244	1308448	48.114	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.107	70	43917	8.814	ng	# 72
24) Nitrobenzene	9.113	77	1112	2.962	ng	# 32
48) 2-Nitroaniline	13.602	65	53	2.806	ng	# 11
51) 2,6-Dinitrotoluene	14.583	165	26489	11.785	ng	# 18
53) 3-Nitroaniline	14.795	138	245	2.922	ng	# 1
57) 2,4-Dinitrotoluene	14.583	165	26489	9.927	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.070	198	848	7.388	ng	# 1
67) 4-Bromophenyl-phenylether	16.070	248	18289	3.639	ng	# 1

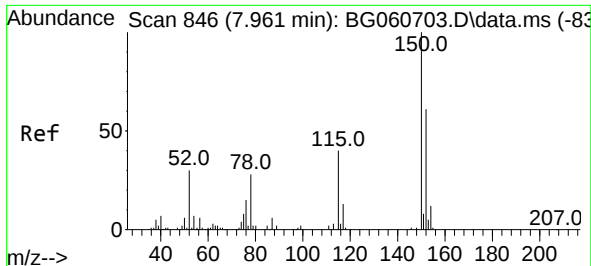
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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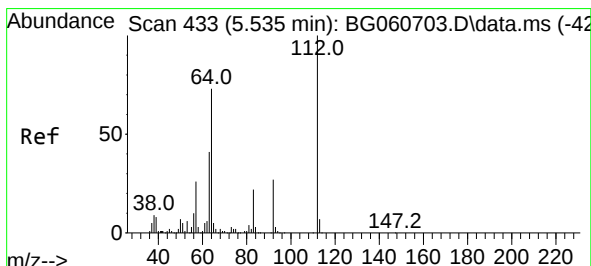
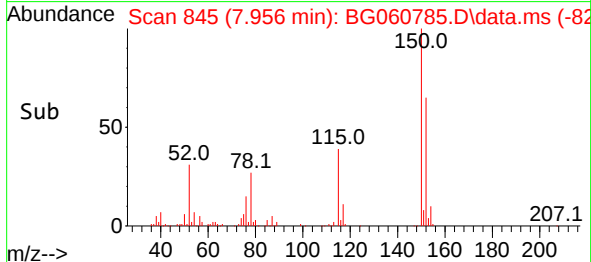
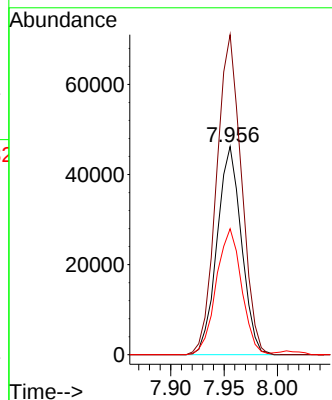
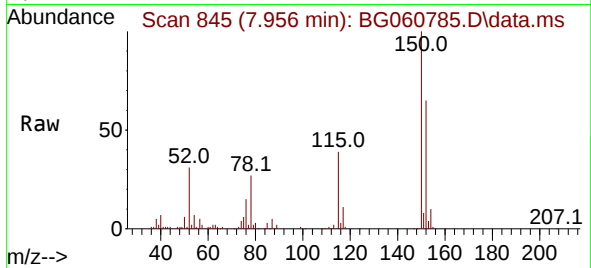




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

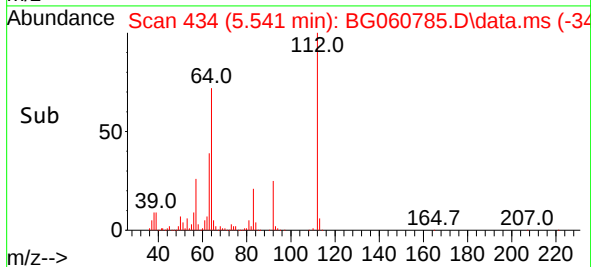
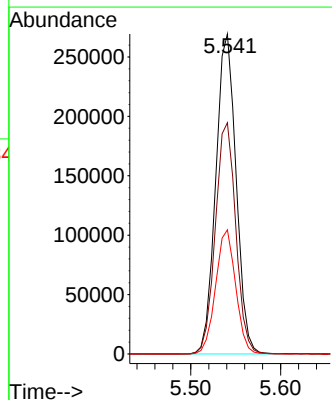
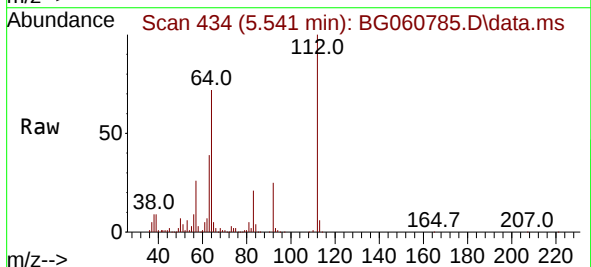
Instrument :
BNA_G
ClientSampleId :
SOIL-3

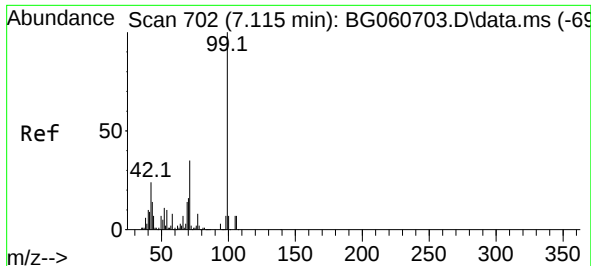
Tgt Ion:152 Resp: 73325
Ion Ratio Lower Upper
152 100
150 153.8 130.2 195.4
115 60.5 51.6 77.4



#5
2-Fluorophenol
Concen: 96.067 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:112 Resp: 422846
Ion Ratio Lower Upper
112 100
64 72.2 58.4 87.6
63 38.8 32.7 49.1

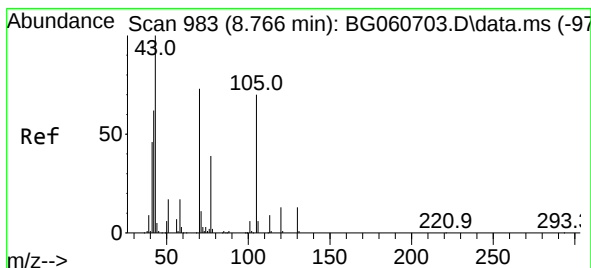
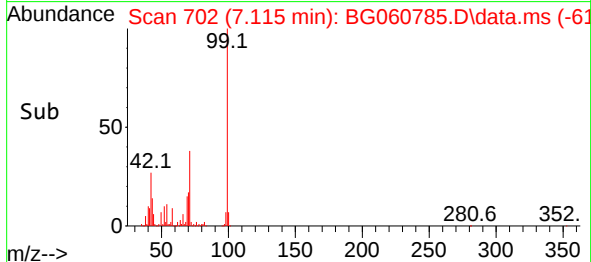
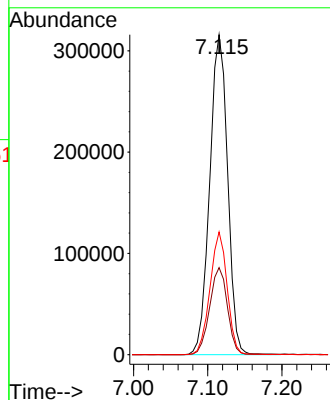
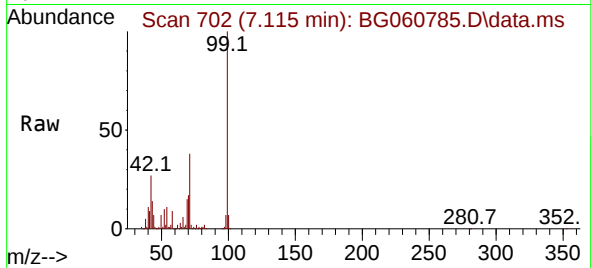




#7
Phenol-d6
Concen: 81.024 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

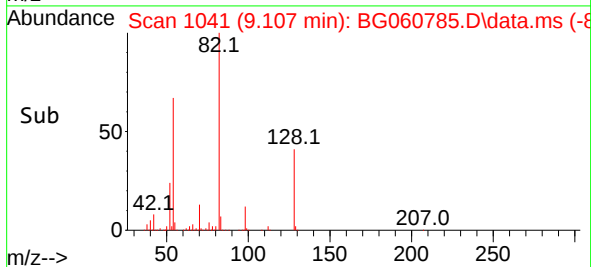
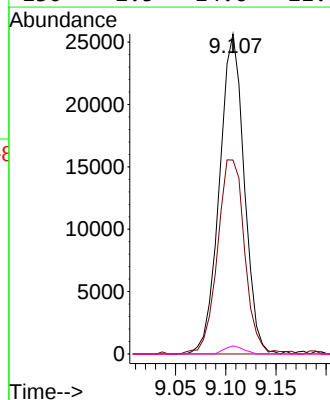
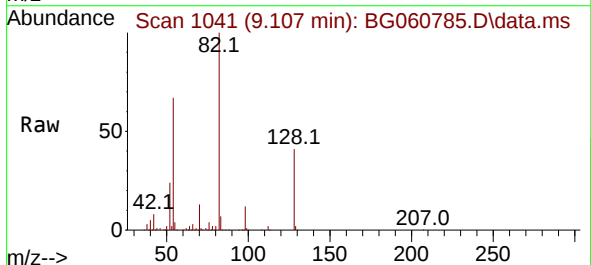
Instrument :
BNA_G
ClientSampleId :
SOIL-3

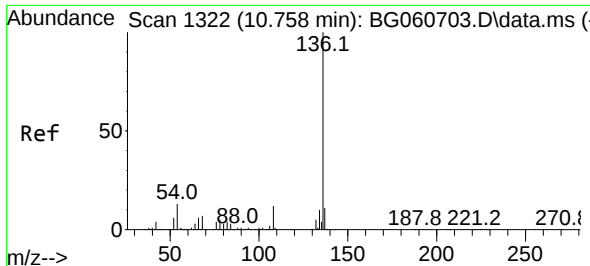
Tgt Ion: 99 Resp: 529375
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 38.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.814 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion: 70 Resp: 43917
Ion Ratio Lower Upper
70 100
42 60.6 68.4 102.6#
101 0.0 6.1 9.1#
130 2.5 14.6 21.8#



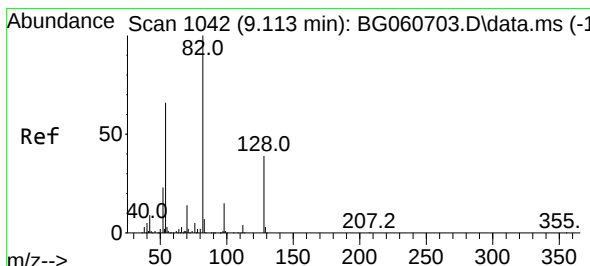
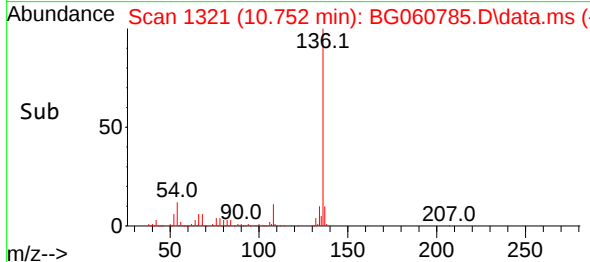
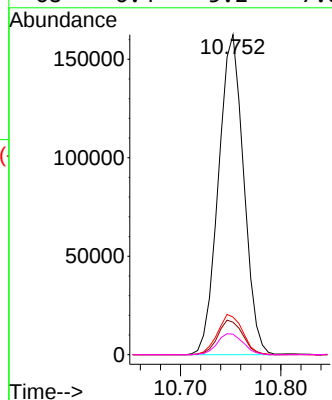
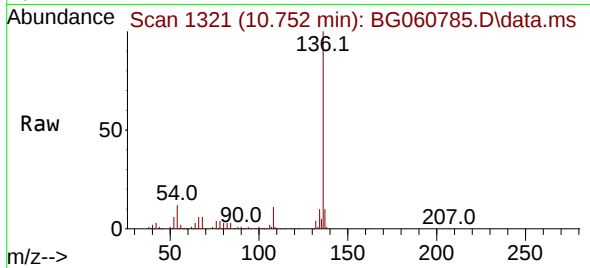


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Instrument :
BNA_G
ClientSampleId :
SOIL-3

Tgt Ion:136 Resp: 283237

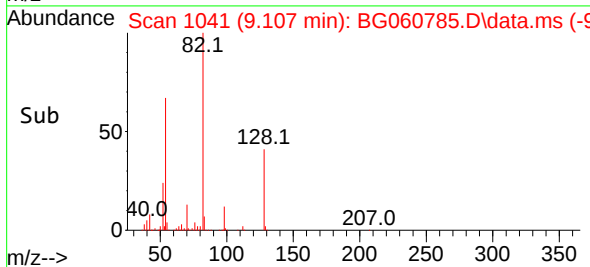
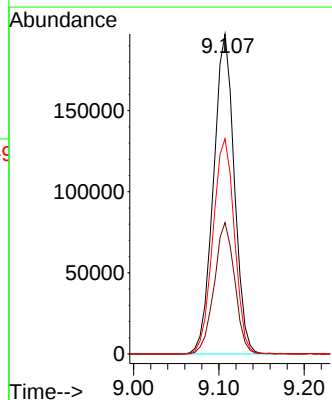
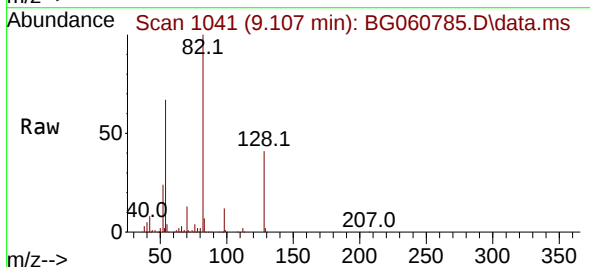
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	11.8	10.2	15.2
68	6.4	5.2	7.8

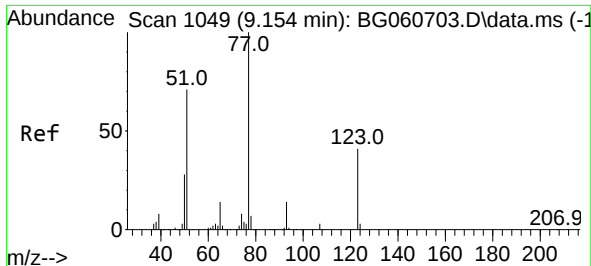


#23
Nitrobenzene-d5
Concen: 67.427 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion: 82 Resp: 334689

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.2	46.8
54	67.2	53.2	79.8

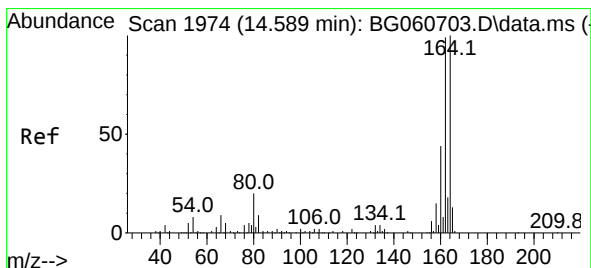
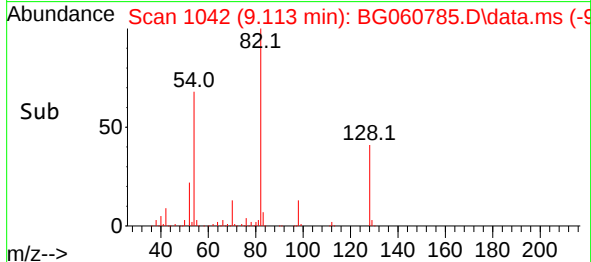
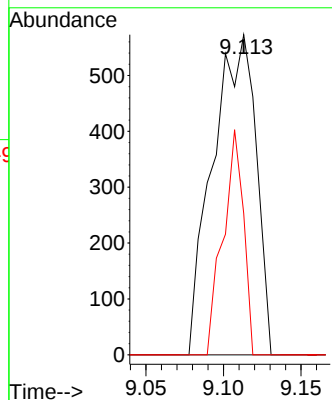
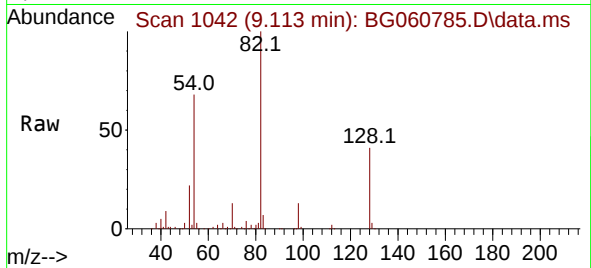




#24
Nitrobenzene
Concen: 2.962 ng
RT: 9.113 min Scan# 1042
Delta R.T. -0.041 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

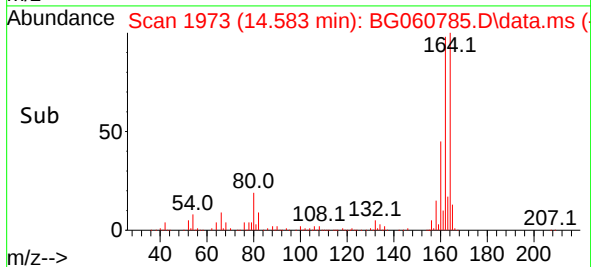
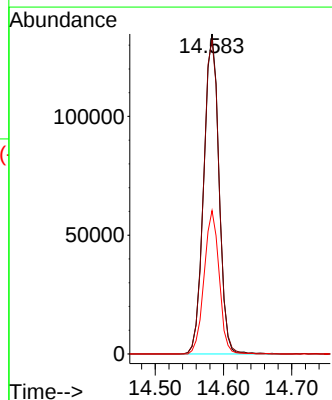
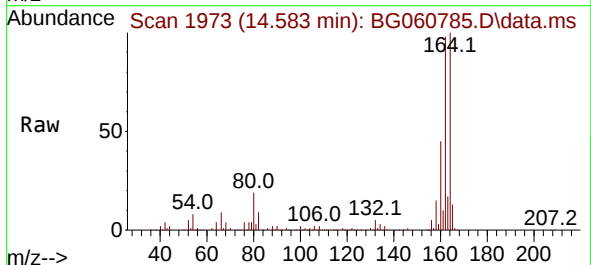
Instrument :
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ClientSampleId :
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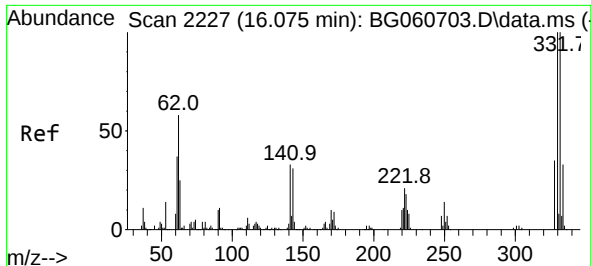
Tgt Ion: 77 Resp: 1112
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 44.2 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

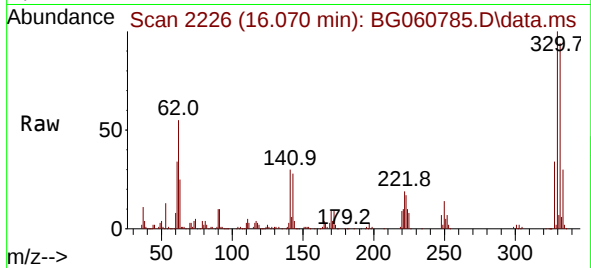
Tgt Ion: 164 Resp: 209323
Ion Ratio Lower Upper
164 100
162 98.1 79.5 119.3
160 44.8 35.4 53.0



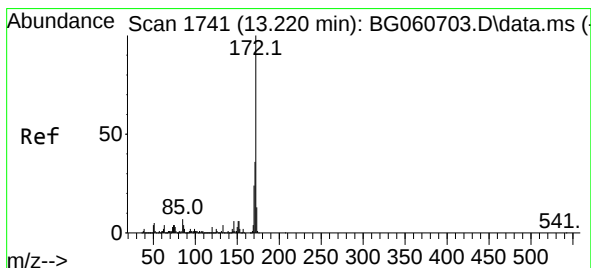
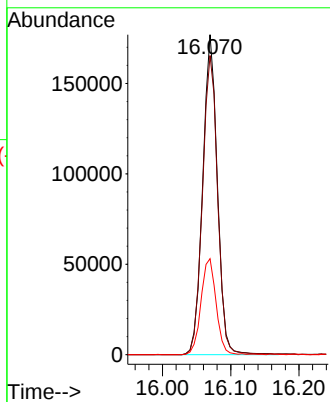
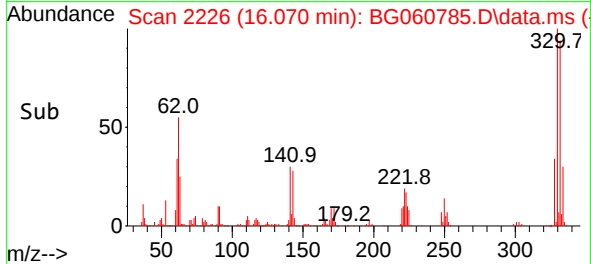


#42
2,4,6-Tribromophenol
Concen: 111.188 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Instrument :
BNA_G
ClientSampleId :
SOIL-3

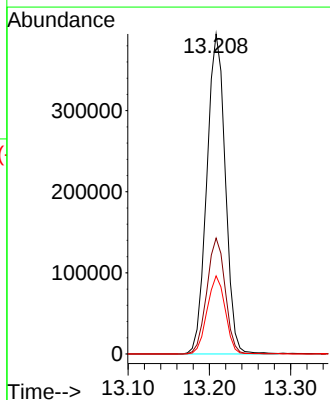
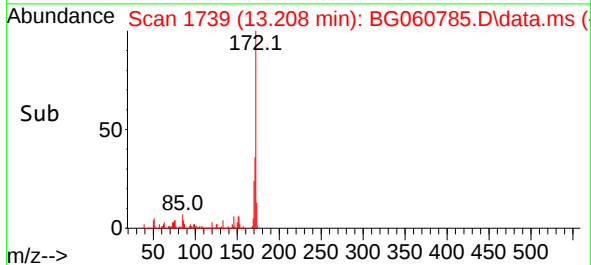
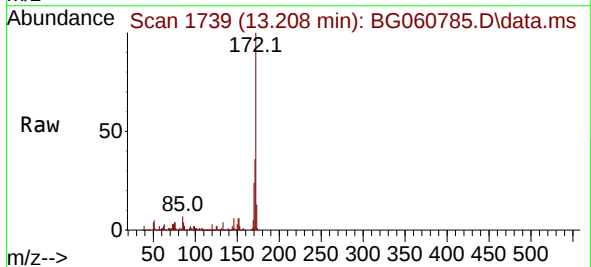


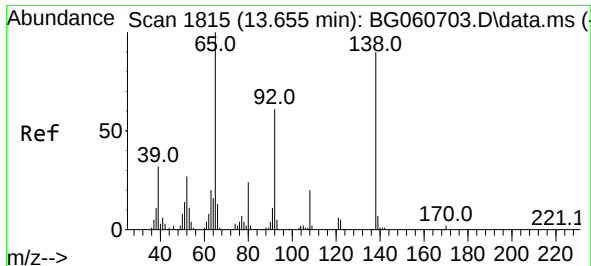
Tgt Ion:330 Resp: 264200
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 31.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 43.688 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:172 Resp: 623114
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.4 19.4 29.0

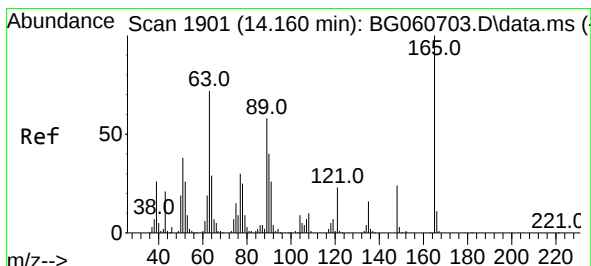
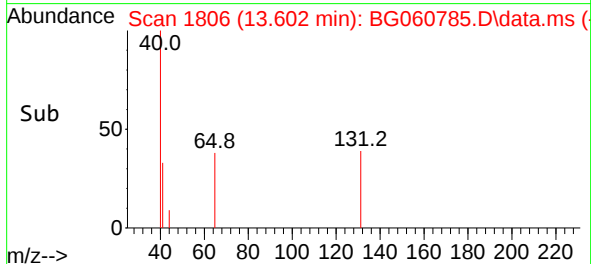
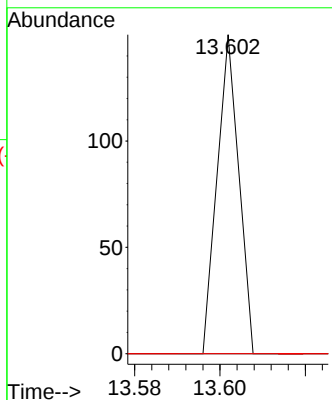
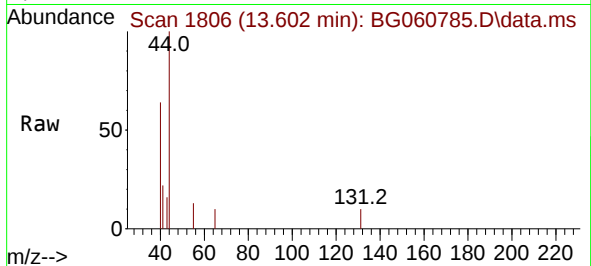




#48
2-Nitroaniline
Concen: 2.806 ng
RT: 13.602 min Scan# 11
Delta R.T. -0.053 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

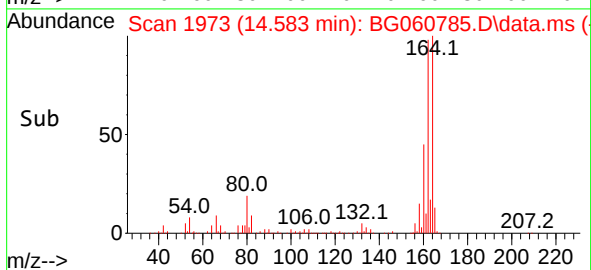
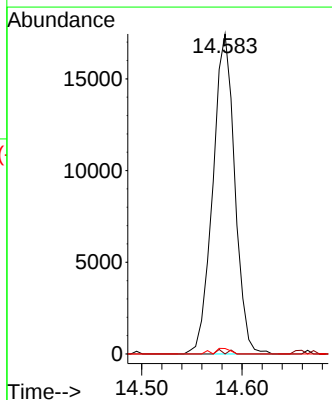
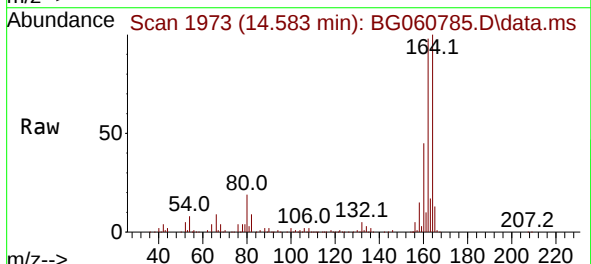
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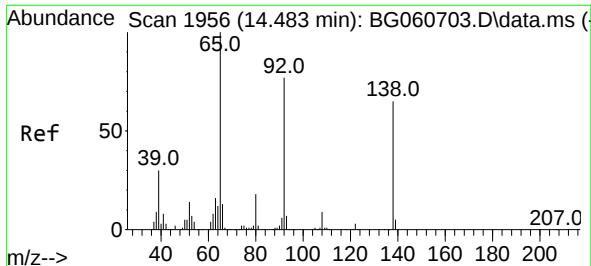
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.785 ng
RT: 14.583 min Scan# 1973
Delta R.T. 0.423 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:165 Resp: 26489
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 1.7 46.1 69.1#

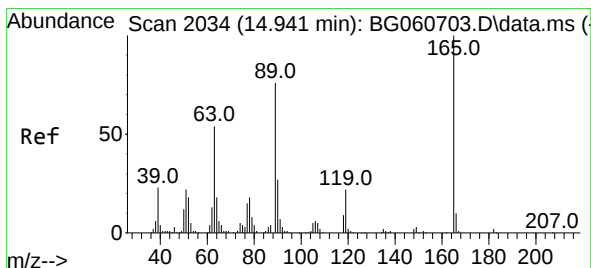
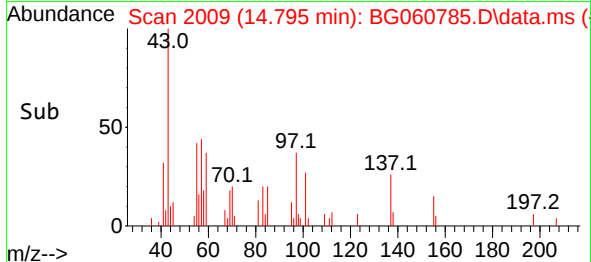
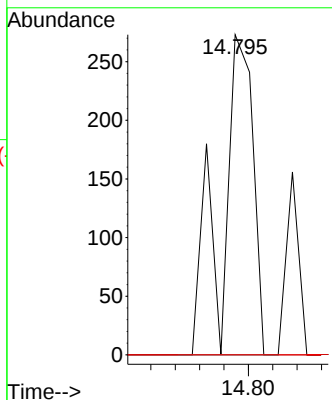
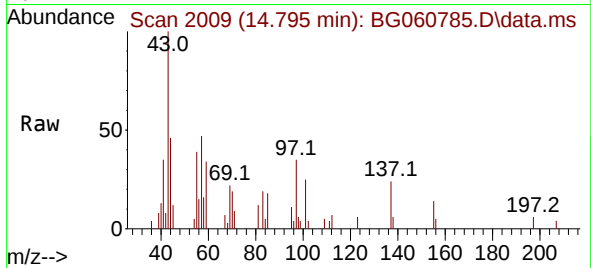




#53
3-Nitroaniline
Concen: 2.922 ng
RT: 14.795 min Scan# 2099
Delta R.T. 0.312 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

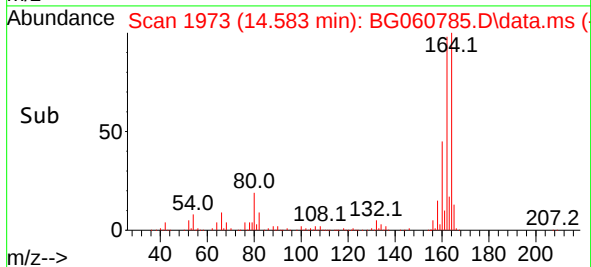
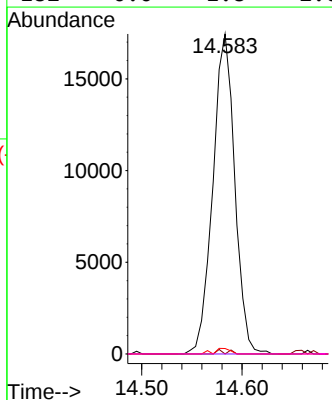
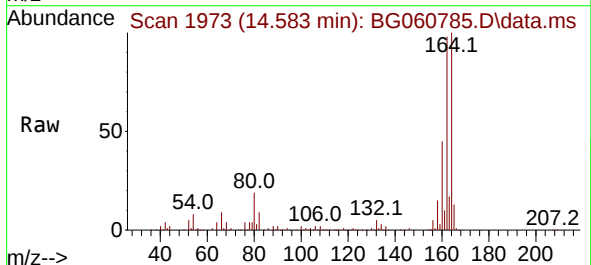
Instrument :
BNA_G
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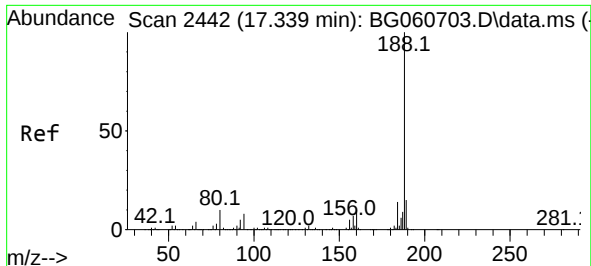
Tgt Ion:138 Resp: 245
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 9.927 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.358 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:165 Resp: 26489
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.7 61.0 91.6#
182 0.0 1.8 2.6#

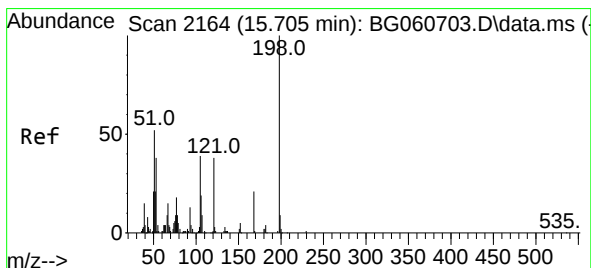
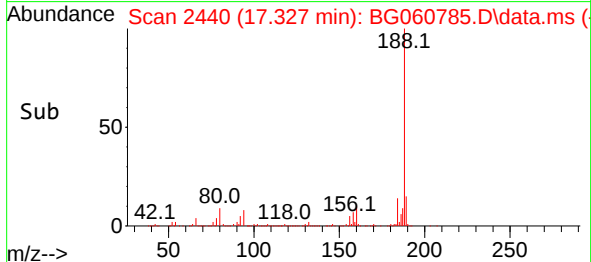
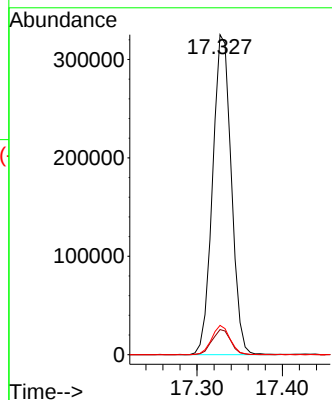
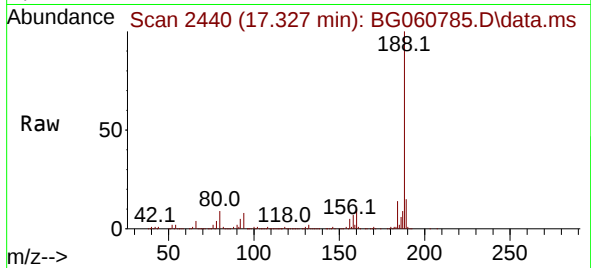




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

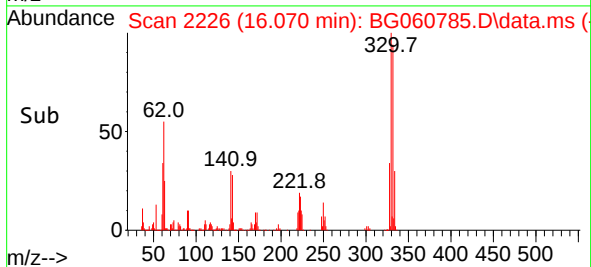
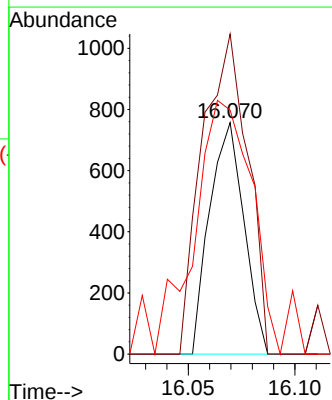
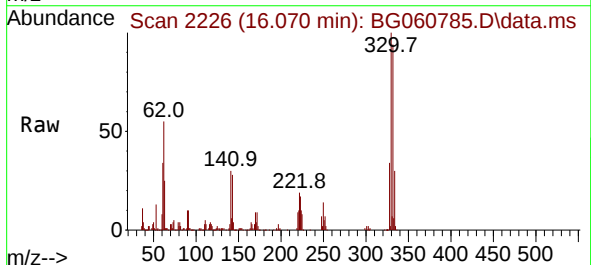
Instrument :
BNA_G
ClientSampleId :
SOIL-3

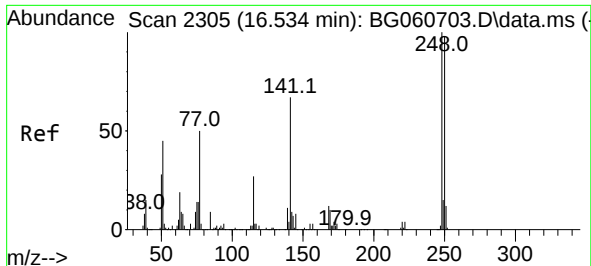
Tgt Ion:188 Resp: 495232
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.388 ng
RT: 16.070 min Scan# 2226
Delta R.T. 0.365 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:198 Resp: 848
Ion Ratio Lower Upper
198 100
51 138.3 36.7 76.7#
105 105.4 19.1 59.1#

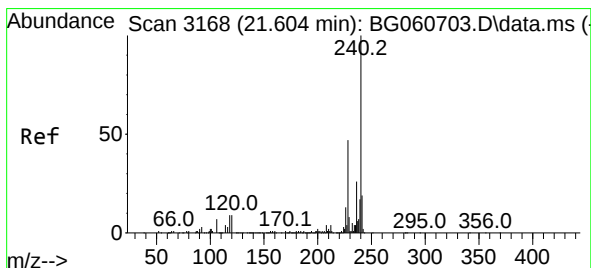
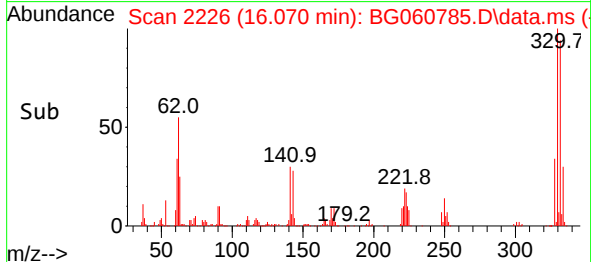
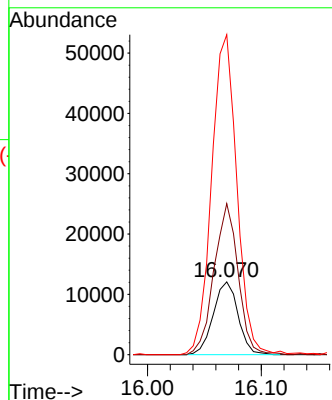
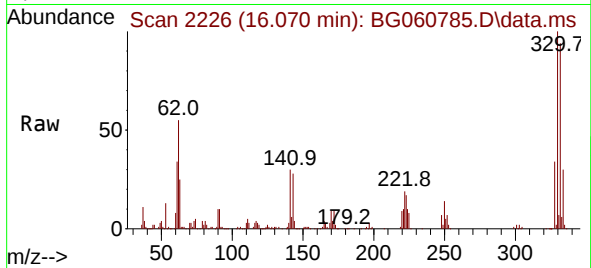




#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 16.070 min Scan# 211
Delta R.T. -0.464 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

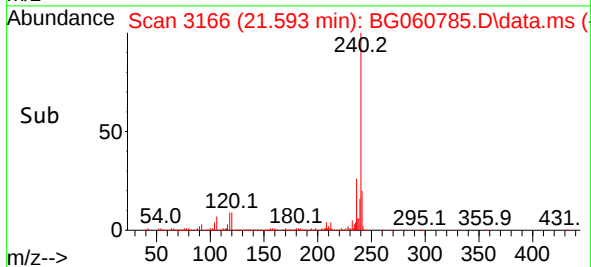
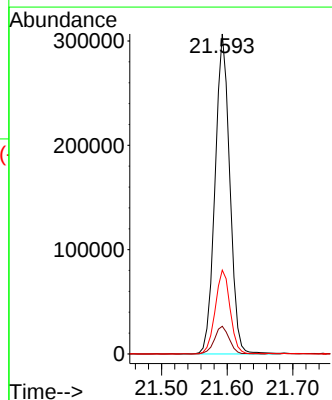
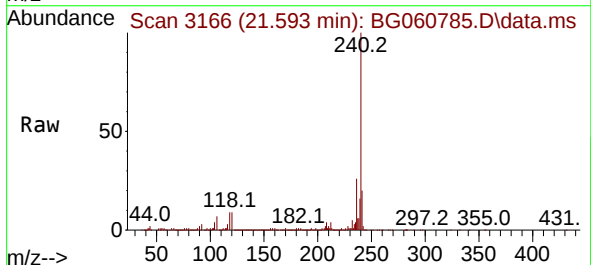
Instrument :
BNA_G
ClientSampleId :
SOIL-3

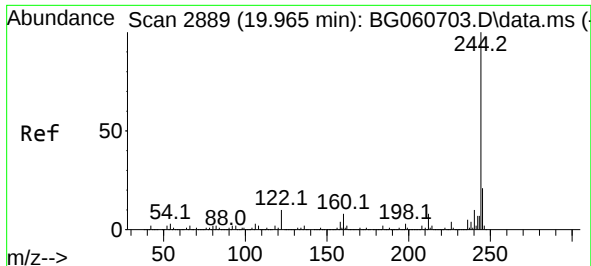
Tgt Ion:248 Resp: 18289
Ion Ratio Lower Upper
248 100
250 207.6 78.3 117.5#
141 440.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:240 Resp: 478852
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.2 20.7 31.1

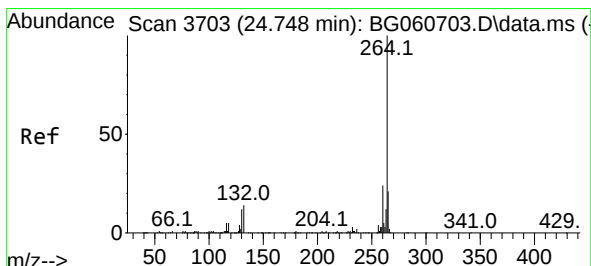
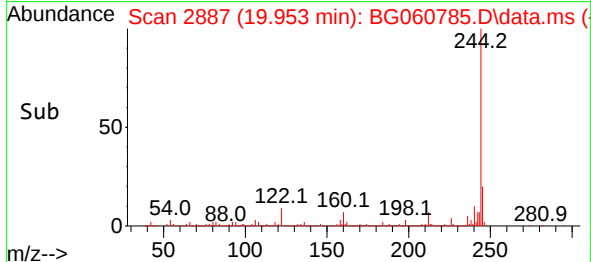
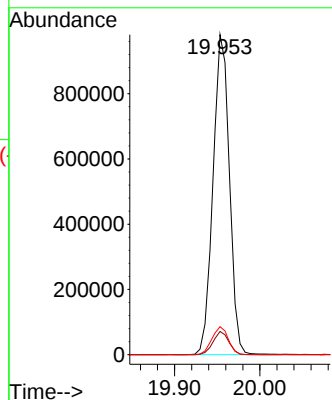
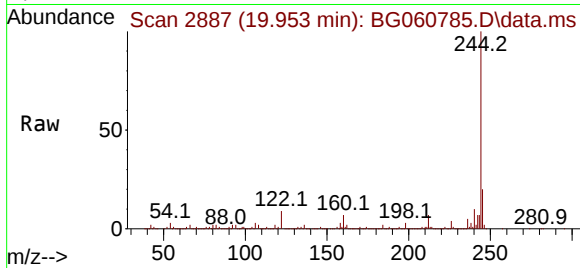




#79
 Terphenyl-d14
 Concen: 48.114 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060785.D
 Acq: 4 Apr 2024 19:37

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-3

Tgt Ion:244 Resp: 1308448
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3700
 Delta R.T. -0.018 min
 Lab File: BG060785.D
 Acq: 4 Apr 2024 19:37

Tgt Ion:264 Resp: 571610
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 16.9 25.3

