

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062593.D
 Acq On : 28 Aug 2024 13:11
 Operator : MA/JU
 Sample : P3726-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-SOIL-PILE

Quant Time: Aug 28 14:01:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

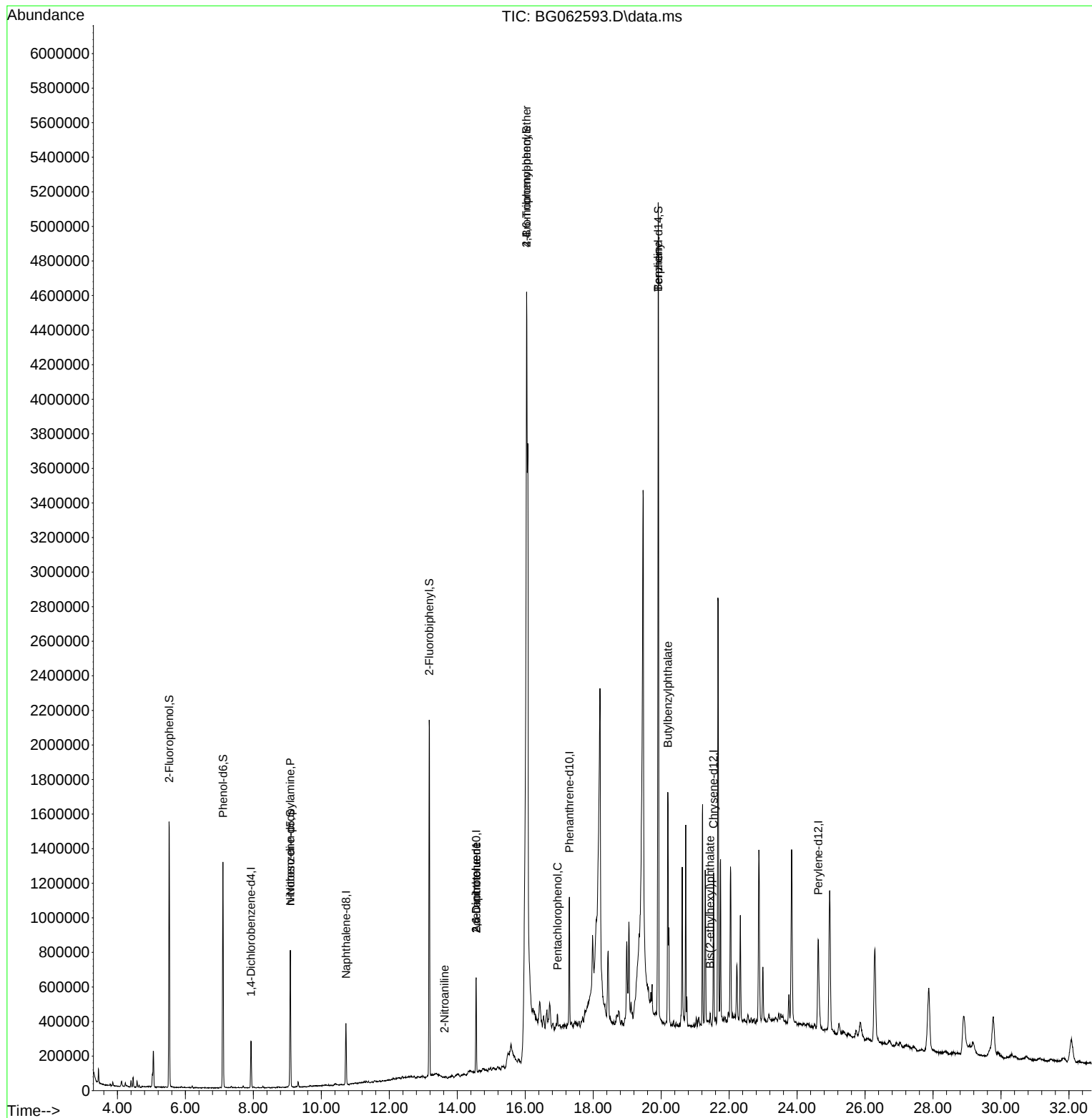
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	76541	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	297793	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	195946	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	485578	20.000	ng	0.00
76) Chrysene-d12	21.542	240	478435	20.000	ng	0.00
86) Perylene-d12	24.621	264	545680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	641584	150.371	ng	0.00
7) Phenol-d6	7.106	99	709005	116.663	ng	0.00
23) Nitrobenzene-d5	9.086	82	465424	103.725	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	368389	170.196	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	1093148	91.733	ng	0.00
79) Terphenyl-d14	19.921	244	2285412	99.872	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	60641	14.899	ng	# 74
48) 2-Nitroaniline	13.628	65	564	3.839	ng	# 9
51) 2,6-Dinitrotoluene	14.556	165	25295	13.255	ng	# 22
57) 2,4-Dinitrotoluene	14.556	165	25295	8.694	ng	# 23
67) 4-Bromophenyl-phenylether	16.043	248	27753	5.938	ng	# 1
70) Pentachlorophenol	16.948	266	19762	6.105	ng	96
77) Benzidine	19.915	184	42364	9.398	ng	# 76
80) Butylbenzylphthalate	20.197	149	619889	86.090	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.442	149	22902	2.379	ng	93

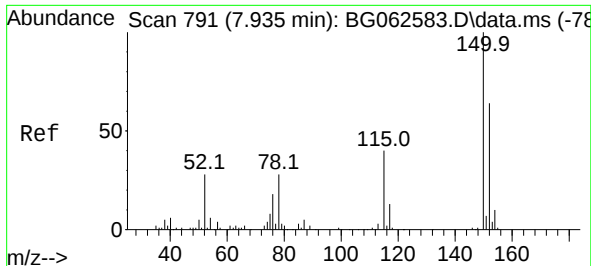
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062593.D
Acq On : 28 Aug 2024 13:11
Operator : MA/JU
Sample : P3726-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

Quant Time: Aug 28 14:01:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

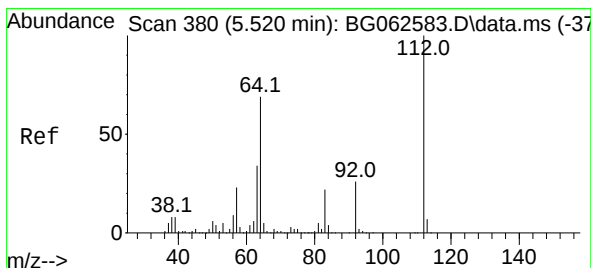
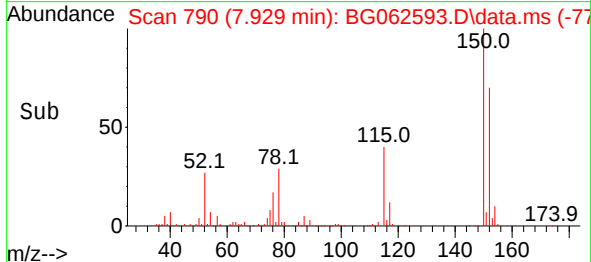
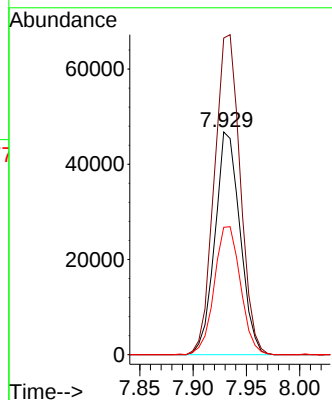
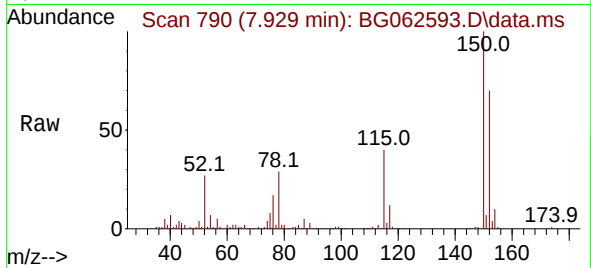




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

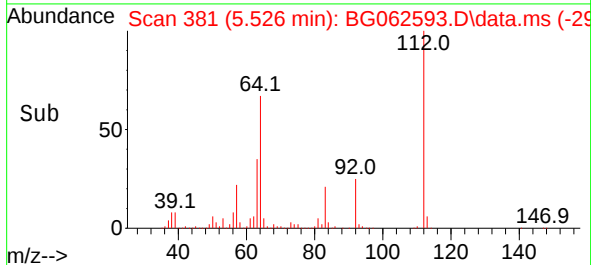
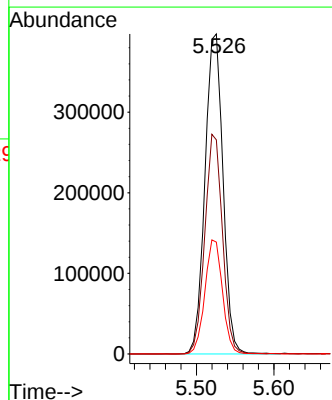
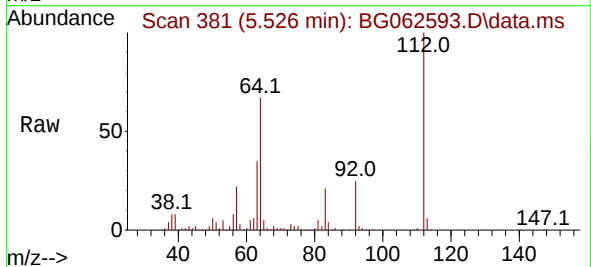
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

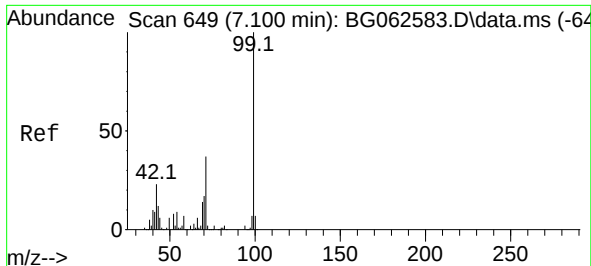
Tgt Ion:152 Resp: 76541
Ion Ratio Lower Upper
152 100
150 142.1 125.1 187.7
115 57.2 50.6 76.0



#5
2-Fluorophenol
Concen: 150.371 ng
RT: 5.526 min Scan# 381
Delta R.T. 0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:112 Resp: 641584
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 34.9 27.4 41.2

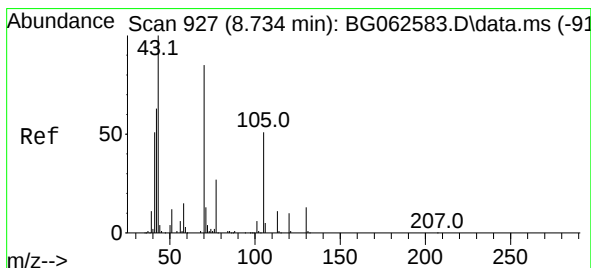
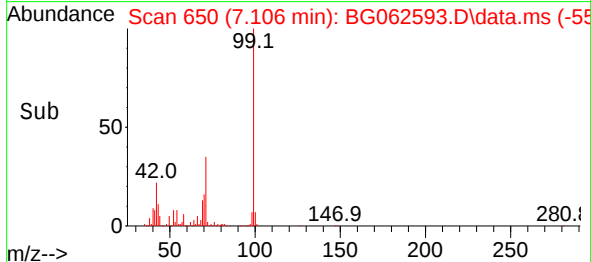
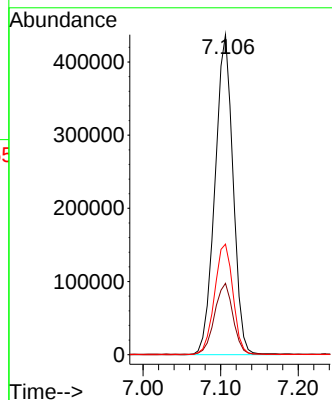
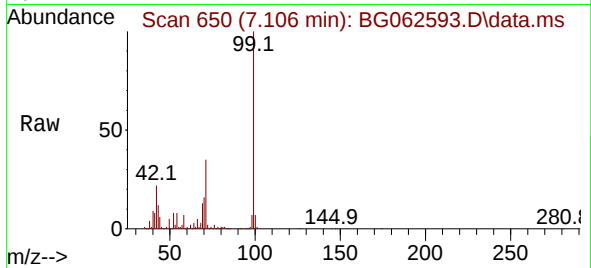




#7
Phenol-d6
Concen: 116.663 ng
RT: 7.106 min Scan# 649
Delta R.T. 0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

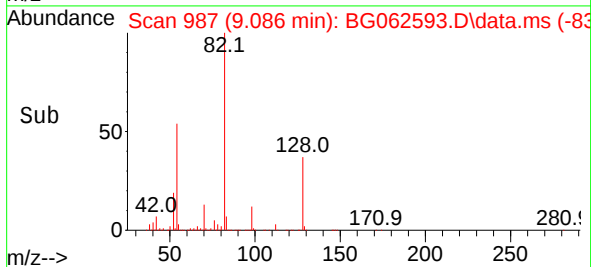
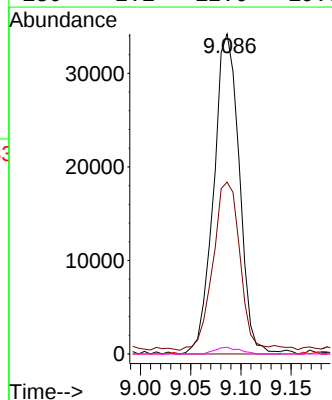
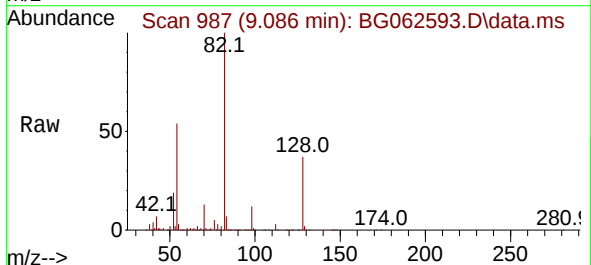
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

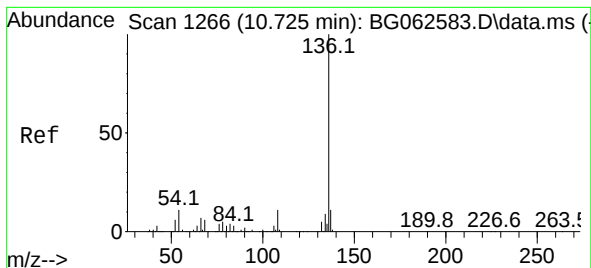
Tgt Ion: 99 Resp: 709005
Ion Ratio Lower Upper
99 100
42 22.3 18.7 28.1
71 34.6 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.899 ng
RT: 9.086 min Scan# 987
Delta R.T. 0.353 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion: 70 Resp: 60641
Ion Ratio Lower Upper
70 100
42 53.7 60.0 90.0#
101 0.0 6.1 9.1#
130 2.1 12.6 19.0#

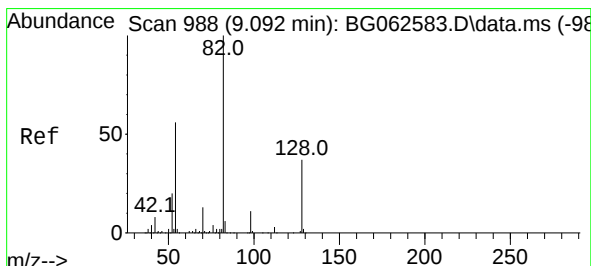
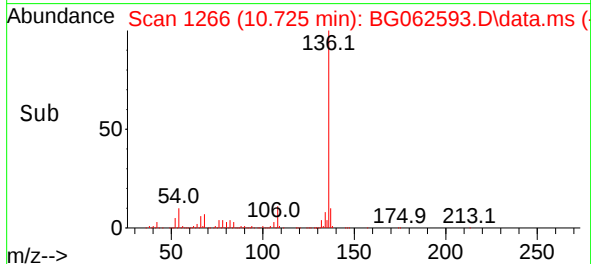
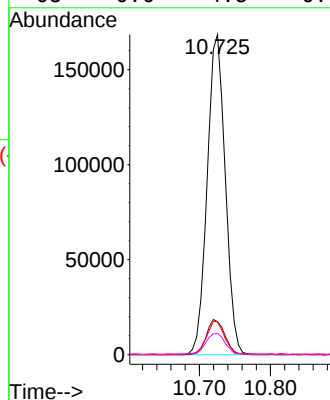
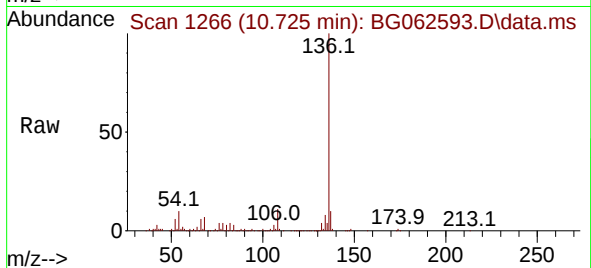




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

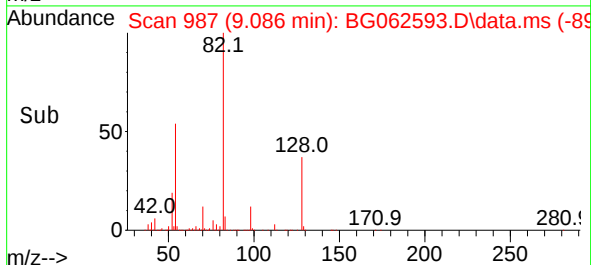
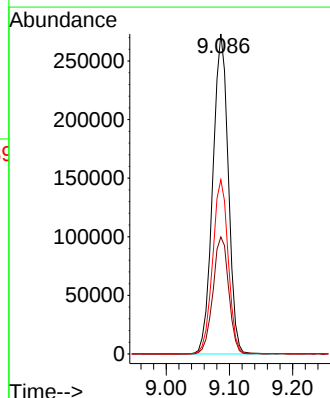
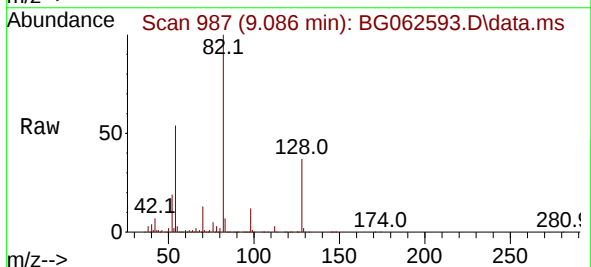
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

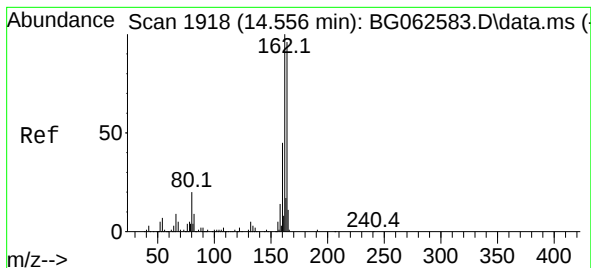
Tgt Ion:	136	Resp:	297793
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.3	9.0	13.4
68	6.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 103.725 ng
RT: 9.086 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:	82	Resp:	465424
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	54.5	44.4	66.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE

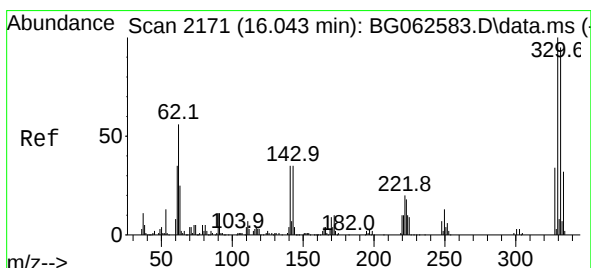
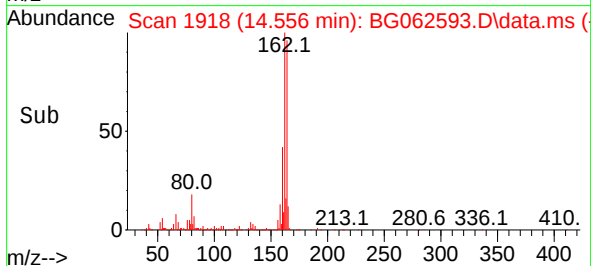
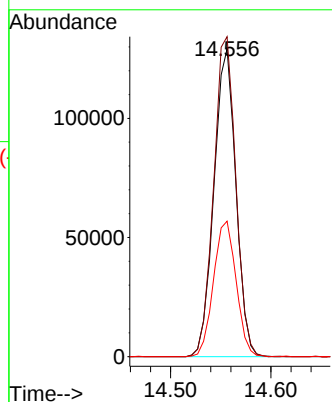
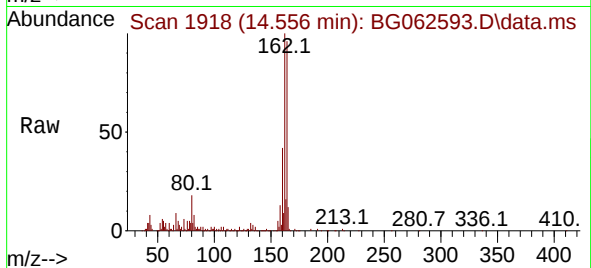
Tgt Ion:164 Resp: 195946

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

160 44.0 37.7 56.5



#42

2,4,6-Tribromophenol

Concen: 170.196 ng

RT: 16.043 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

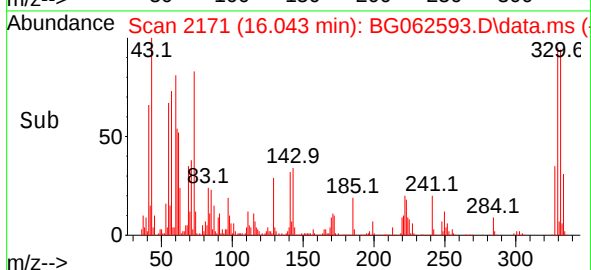
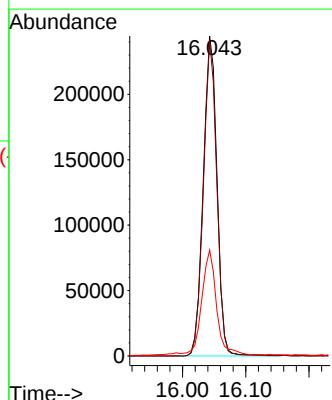
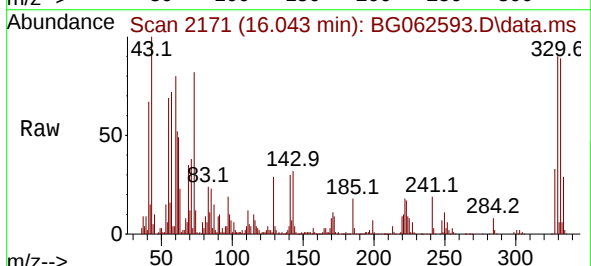
Tgt Ion:330 Resp: 368389

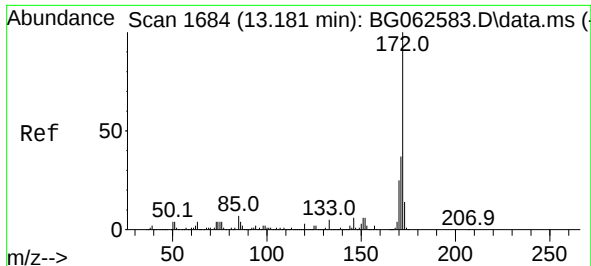
Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 34.8 26.5 39.7





#45

2-Fluorobiphenyl

Concen: 91.733 ng

RT: 13.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE

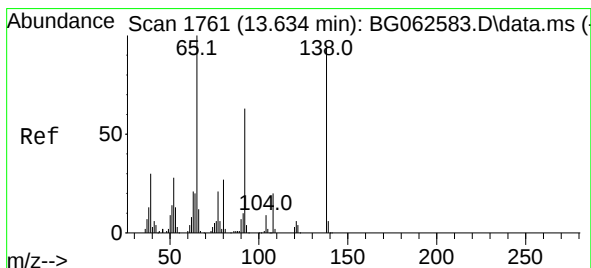
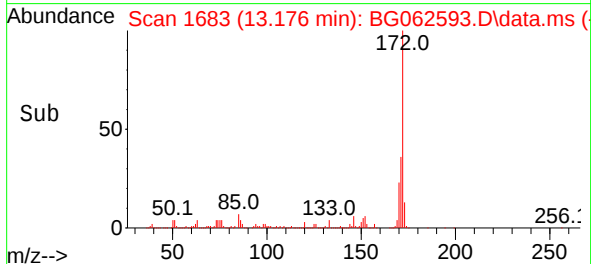
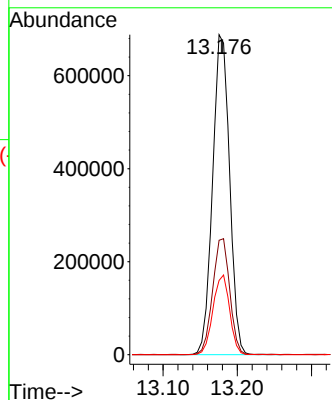
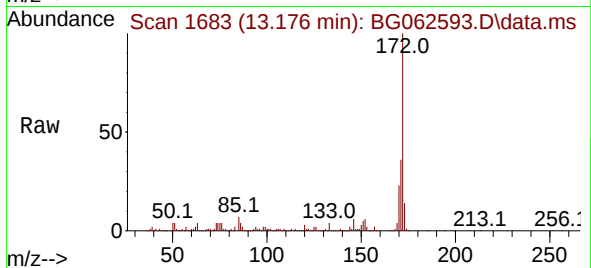
Tgt Ion:172 Resp: 1093148

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

170 23.2 20.1 30.1



#48

2-Nitroaniline

Concen: 3.839 ng

RT: 13.628 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

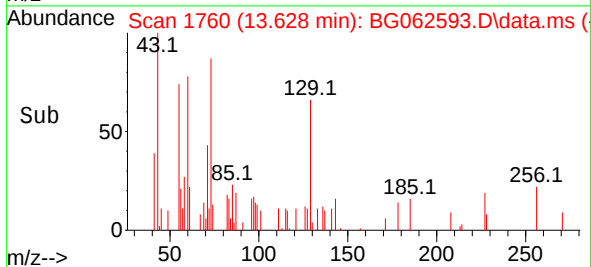
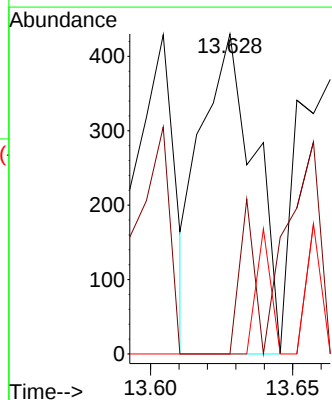
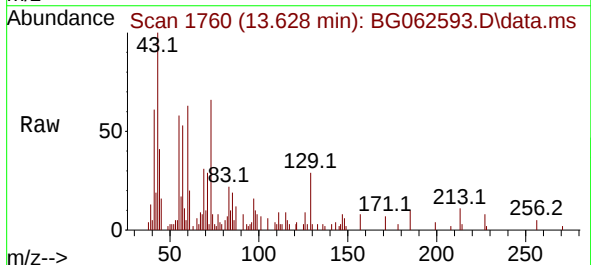
Tgt Ion: 65 Resp: 564

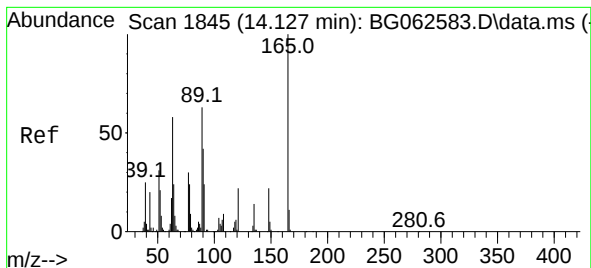
Ion Ratio Lower Upper

65 100

92 0.0 50.6 76.0#

138 0.0 75.4 113.2#

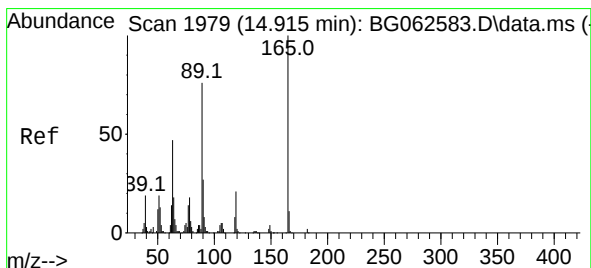
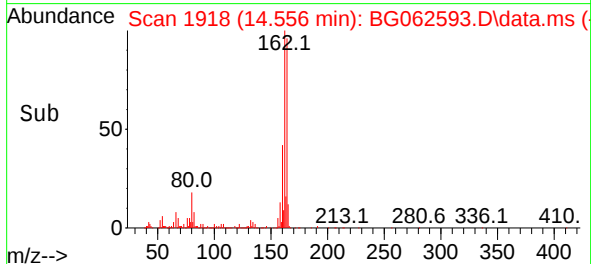
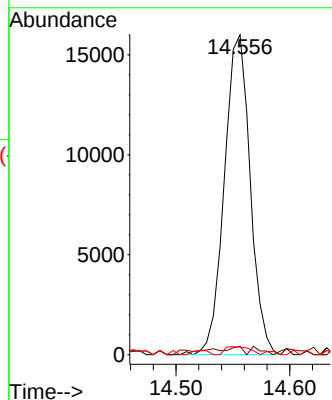
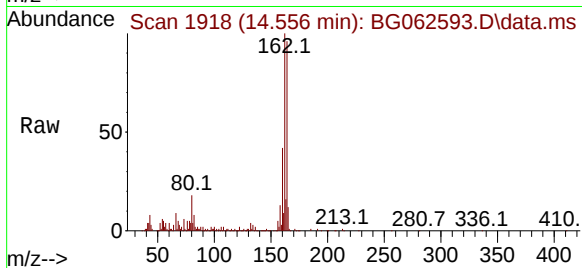




#51
2,6-Dinitrotoluene
Concen: 13.255 ng
RT: 14.556 min Scan# 1918
Delta R.T. 0.429 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

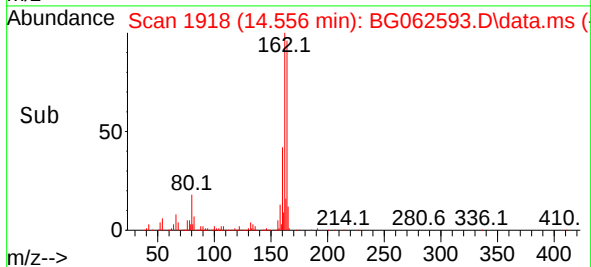
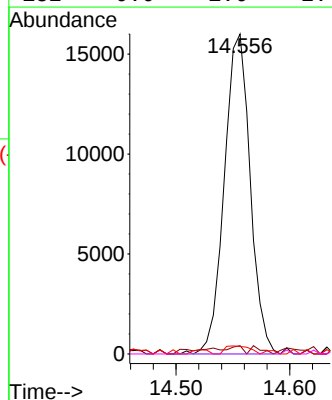
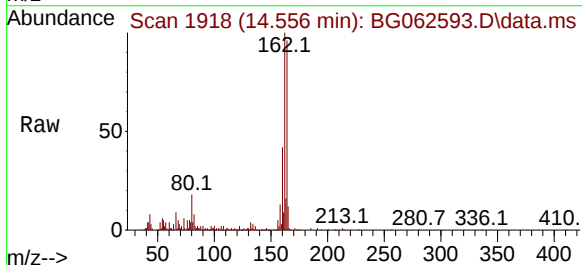
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

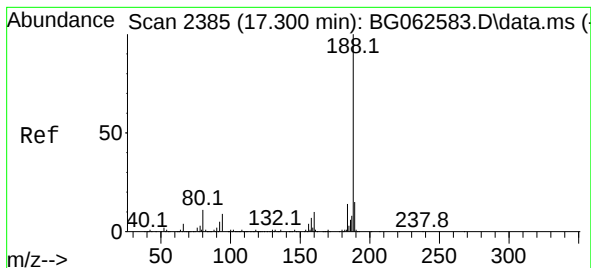
Tgt Ion:165 Resp: 25295
Ion Ratio Lower Upper
165 100
63 2.6 51.0 76.6#
89 2.4 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 8.694 ng
RT: 14.556 min Scan# 1918
Delta R.T. -0.358 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:165 Resp: 25295
Ion Ratio Lower Upper
165 100
63 2.6 37.5 56.3#
89 2.4 60.8 91.2#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE

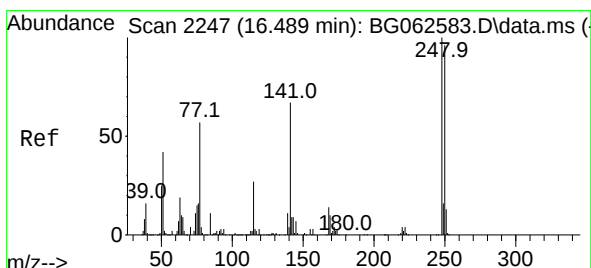
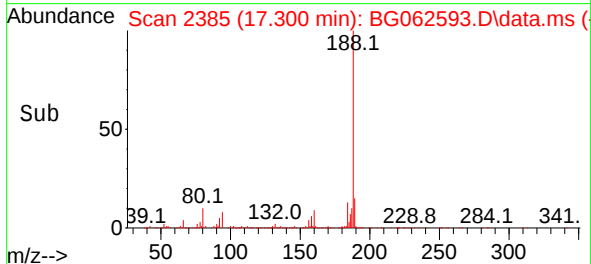
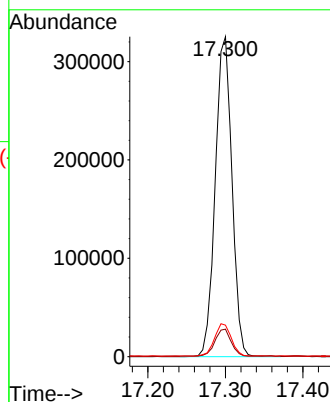
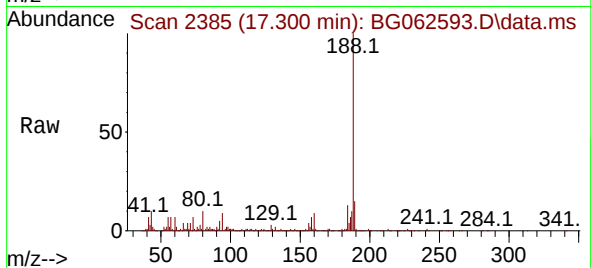
Tgt Ion:188 Resp: 485578

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.8 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 5.938 ng

RT: 16.043 min Scan# 2171

Delta R.T. -0.446 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

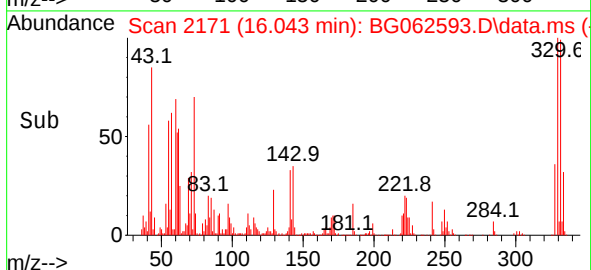
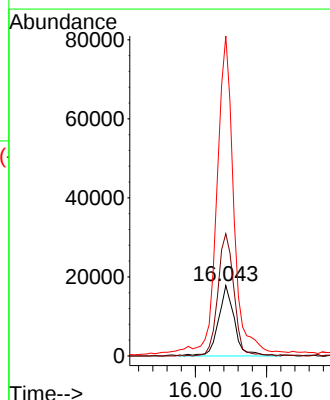
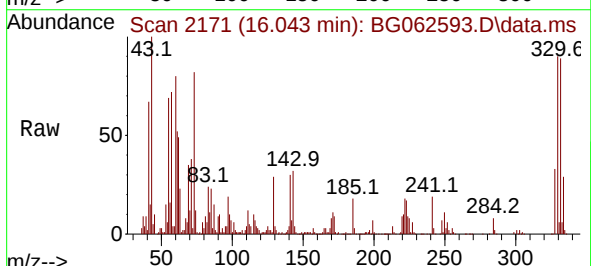
Tgt Ion:248 Resp: 27753

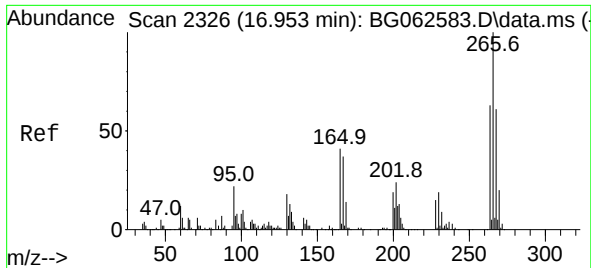
Ion Ratio Lower Upper

248 100

250 142.2 76.7 115.1#

141 372.4 54.0 81.0#

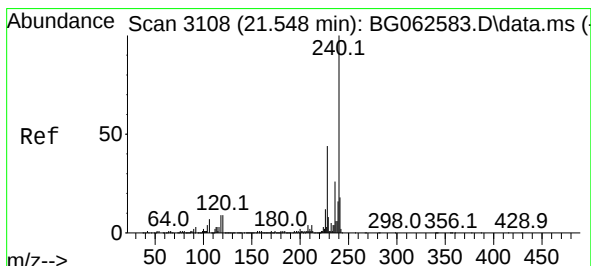
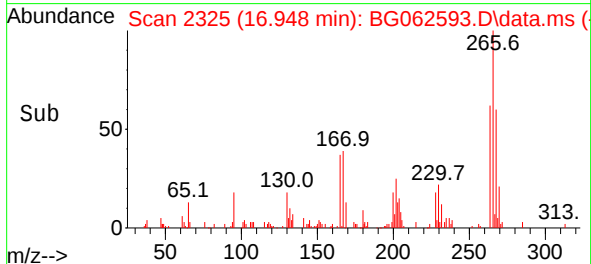
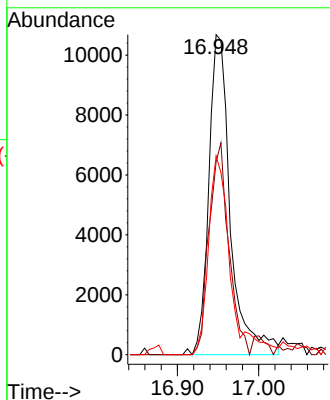
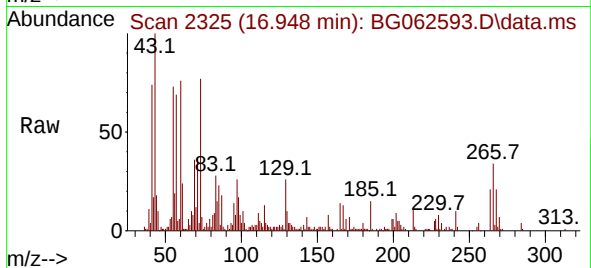




#70
Pentachlorophenol
Concen: 6.105 ng
RT: 16.948 min Scan# 2326
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

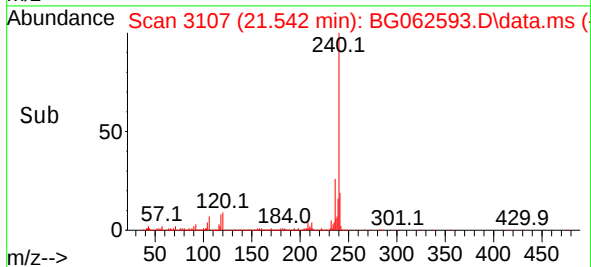
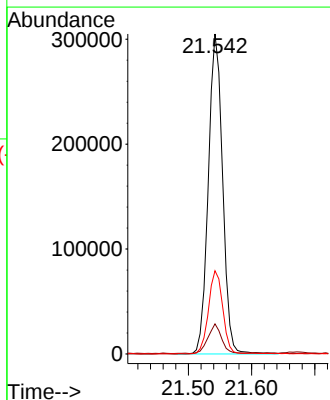
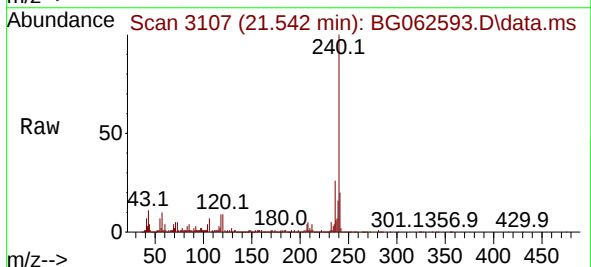
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

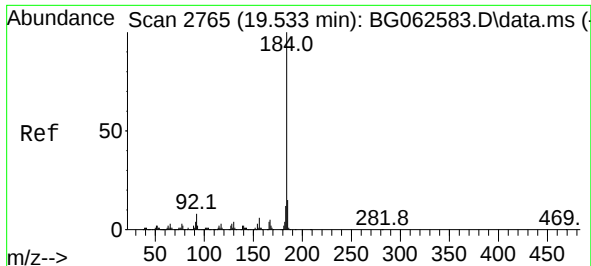
Tgt Ion:266 Resp: 19762
Ion Ratio Lower Upper
266 100
268 65.7 53.1 79.7
264 62.1 54.2 81.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:240 Resp: 478435
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.0 20.5 30.7

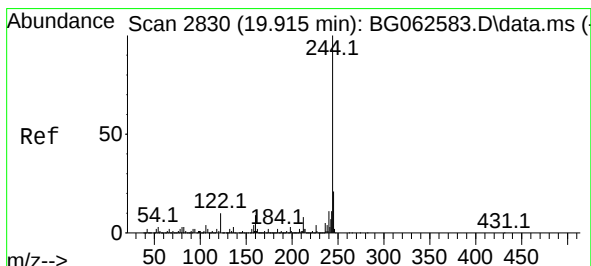
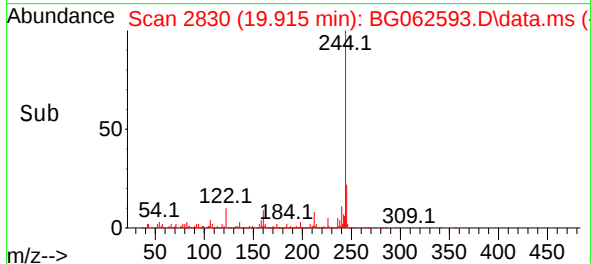
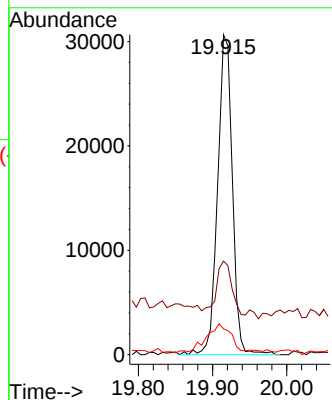
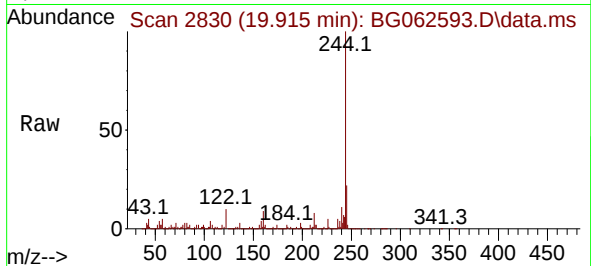




#77
Benzidine
Concen: 9.398 ng
RT: 19.915 min Scan# 2830
Delta R.T. 0.382 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

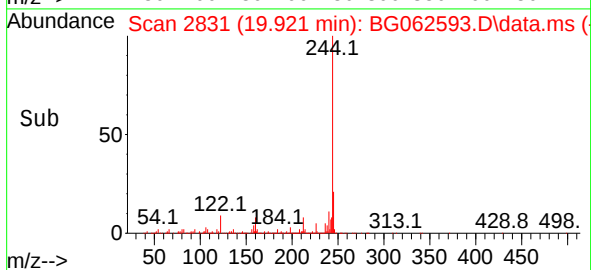
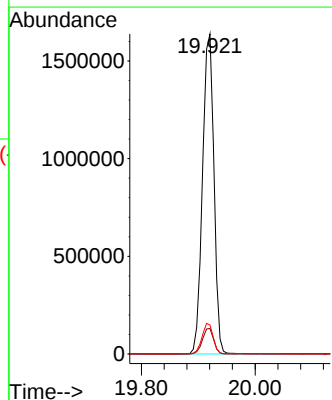
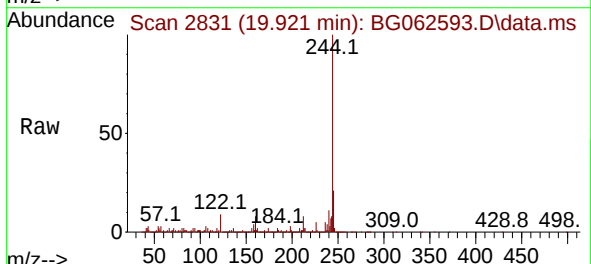
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

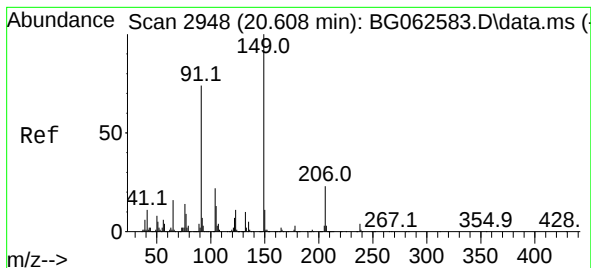
Tgt Ion:184 Resp: 42364
Ion Ratio Lower Upper
184 100
185 29.2 11.8 17.8#
183 8.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 99.872 ng
RT: 19.921 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:244 Resp: 2285412
Ion Ratio Lower Upper
244 100
212 8.0 6.7 10.1
122 9.1 8.4 12.6





#80

Butylbenzylphthalate

Concen: 86.090 ng

RT: 20.197 min Scan# 2

Delta R.T. -0.411 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE

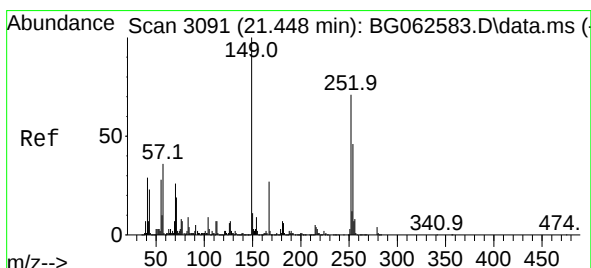
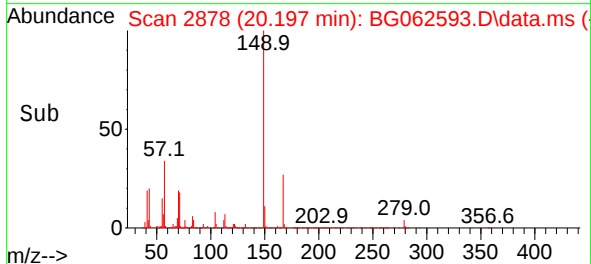
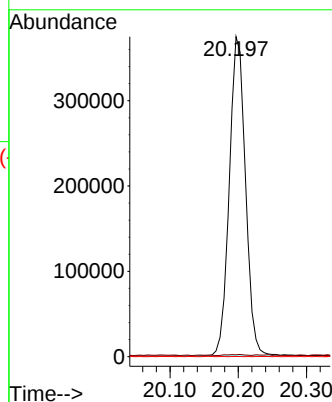
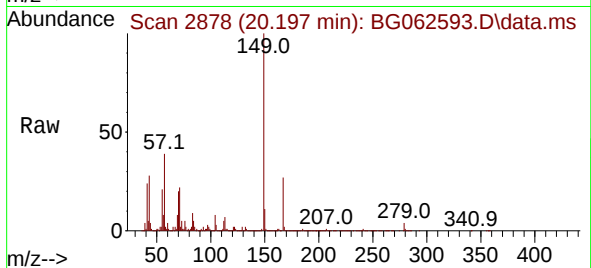
Tgt Ion:149 Resp: 619889

Ion Ratio Lower Upper

149 100

91 0.6 59.0 88.6#

206 0.1 18.5 27.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.379 ng

RT: 21.442 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

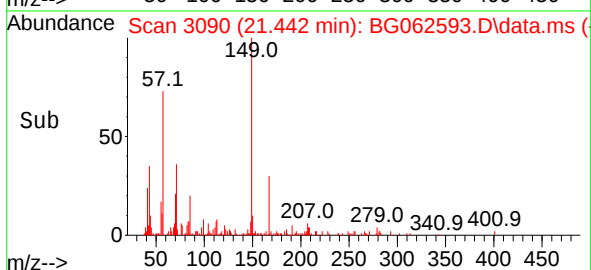
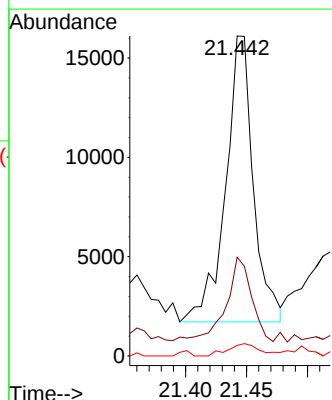
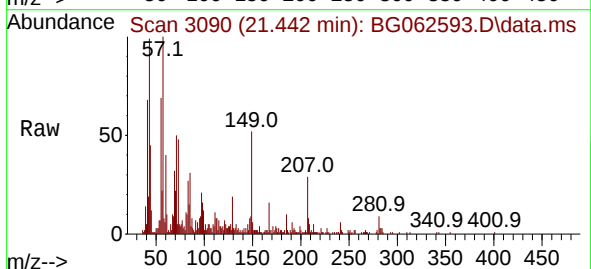
Tgt Ion:149 Resp: 22902

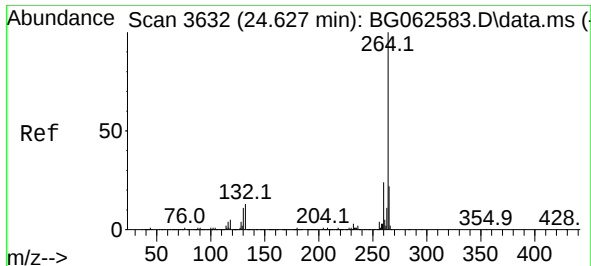
Ion Ratio Lower Upper

149 100

167 30.8 21.3 31.9

279 3.3 3.2 4.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.621 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG062593.D

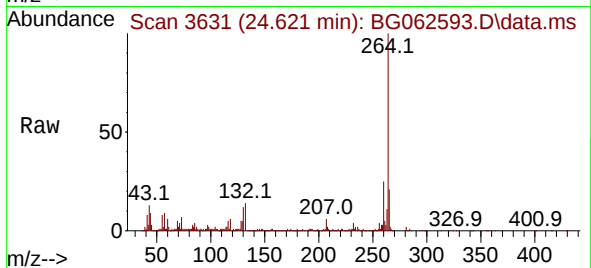
Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE



Tgt Ion:264 Resp: 545680

Ion Ratio Lower Upper

264 100

260 25.5 19.0 28.4

265 21.4 17.8 26.6

