

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060950.D
 Acq On : 19 Apr 2024 00:43
 Operator : MA/JU
 Sample : P2151-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Quant Time: Apr 19 01:54:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

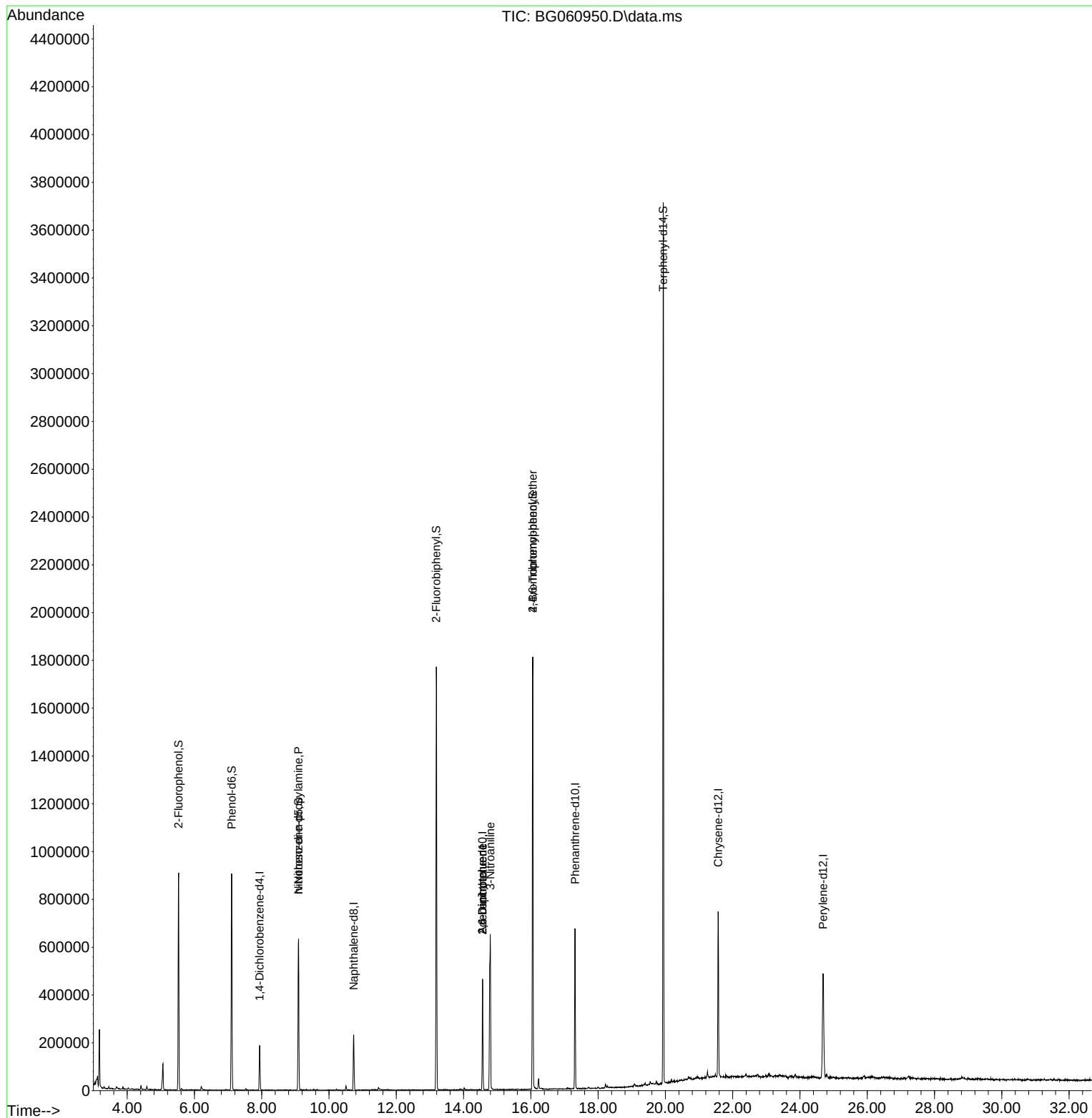
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	47242	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	186831	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	156999	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	419290	20.000	ng	0.00
76) Chrysene-d12	21.568	240	405780	20.000	ng	-0.01
86) Perylene-d12	24.688	264	480303	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	343596	126.332	ng	0.00
7) Phenol-d6	7.103	99	457420	116.746	ng	0.00
23) Nitrobenzene-d5	9.094	82	349412	84.903	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	375078	144.612	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	930098	86.936	ng	0.00
79) Terphenyl-d14	19.935	244	1940315	83.452	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	47526	15.925	ng	# 69
51) 2,6-Dinitrotoluene	14.564	165	20418	8.041	ng	# 20
53) 3-Nitroaniline	14.794	138	9282	3.330	ng	# 1
57) 2,4-Dinitrotoluene	14.564	165	20418	5.627	ng	# 22
67) 4-Bromophenyl-phenylether	16.057	248	24414	5.198	ng	# 1

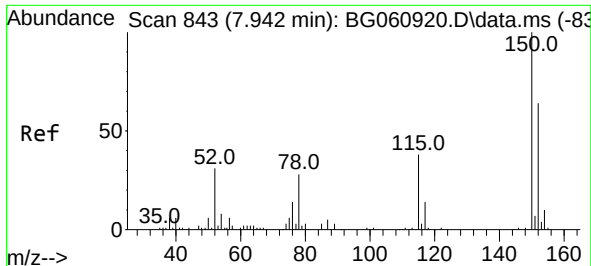
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
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ALS Vial : 14 Sample Multiplier: 1

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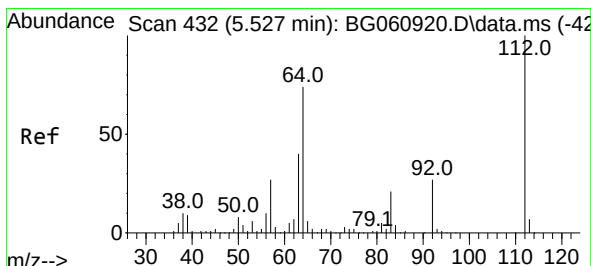
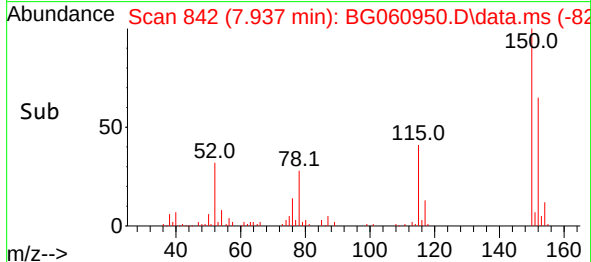
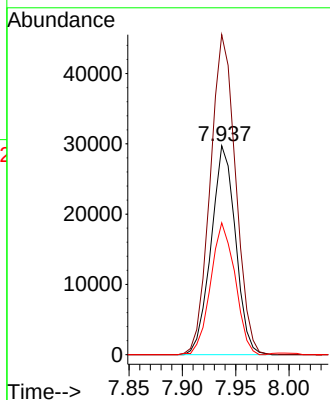
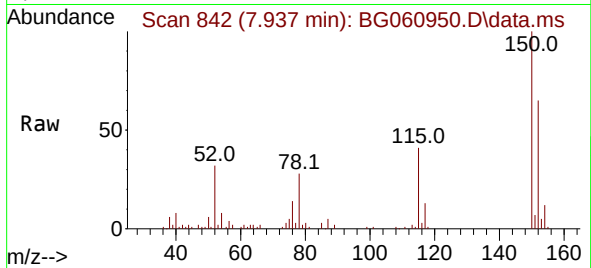




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 843
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

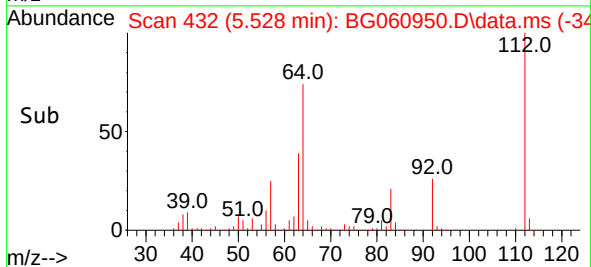
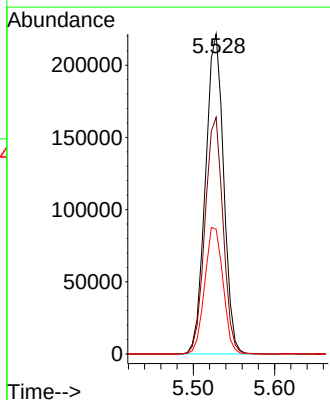
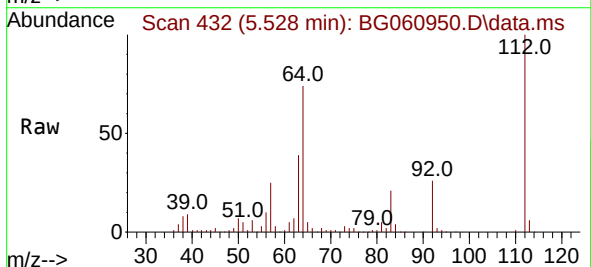
Instrument :
BNA_G
ClientSampleId :
SOIL

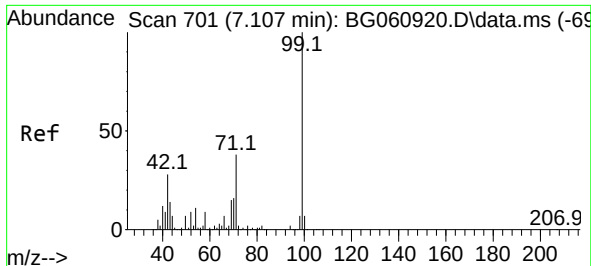
Tgt Ion:152 Resp: 47242
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 126.332 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

Tgt Ion:112 Resp: 343596
Ion Ratio Lower Upper
112 100
64 73.9 58.9 88.3
63 39.0 32.1 48.1

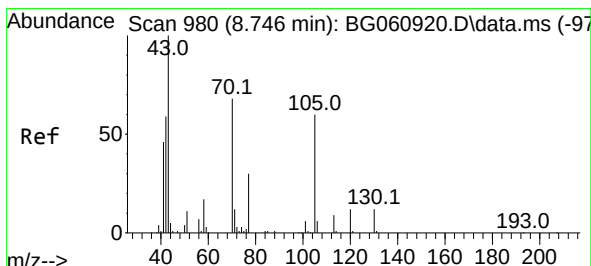
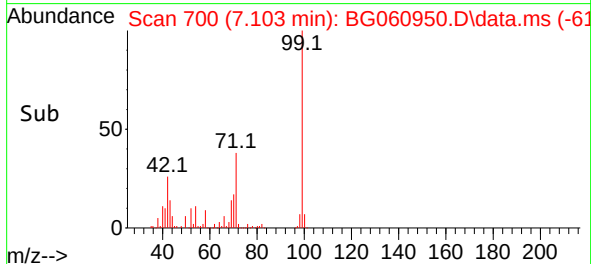
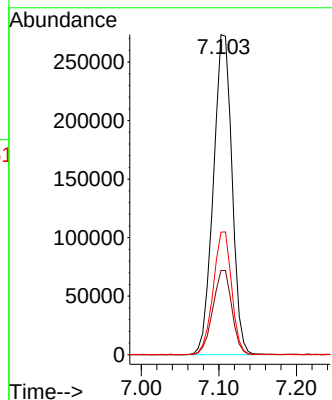
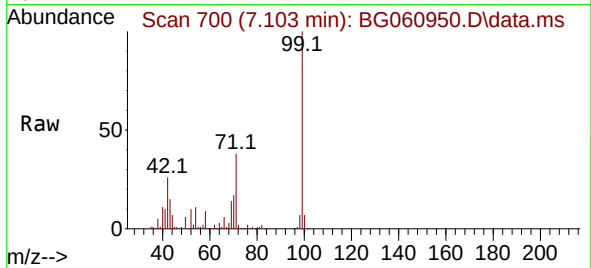




#7
Phenol-d6
Concen: 116.746 ng
RT: 7.103 min Scan# 701
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

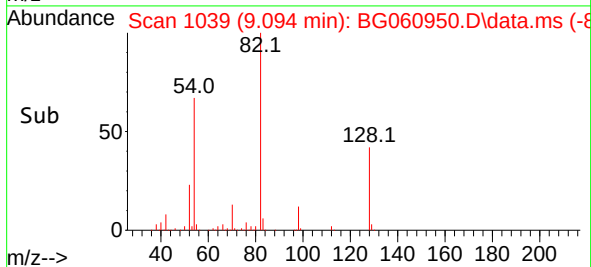
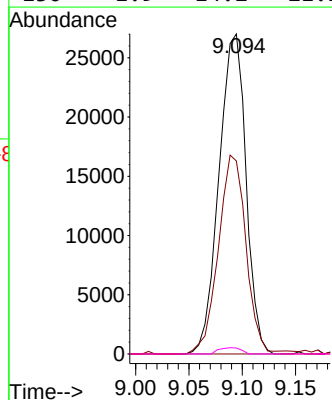
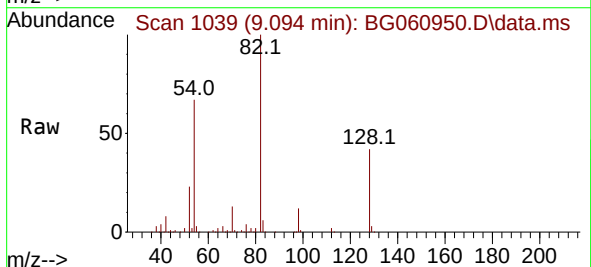
Instrument :
BNA_G
ClientSampleId :
SOIL

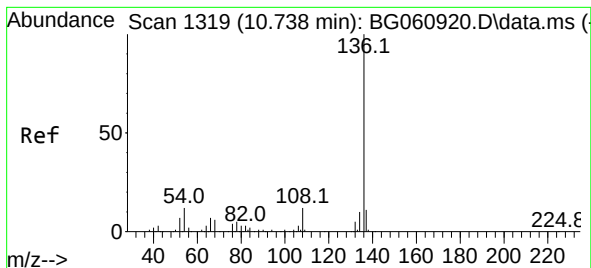
Tgt Ion: 99 Resp: 457420
Ion Ratio Lower Upper
99 100
42 26.3 22.2 33.2
71 38.3 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.925 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.348 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

Tgt Ion: 70 Resp: 47526
Ion Ratio Lower Upper
70 100
42 60.3 70.9 106.3#
101 0.0 7.0 10.4#
130 1.9 14.2 21.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.734 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG060950.D

Acq: 19 Apr 2024 00:43

Instrument :

BNA_G

ClientSampleId :

SOIL

Tgt Ion:136 Resp: 186831

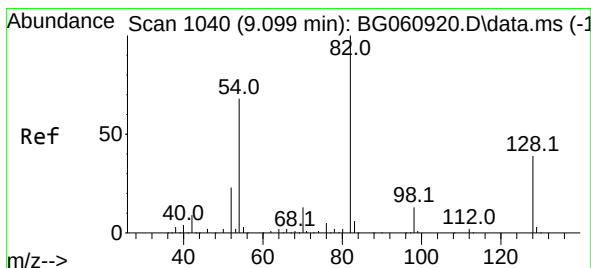
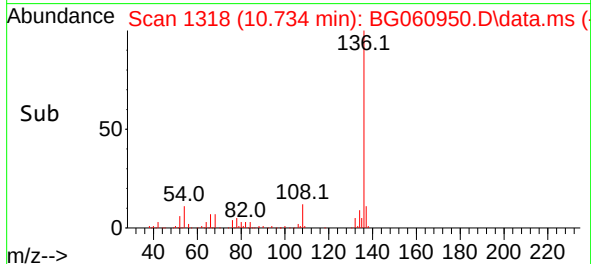
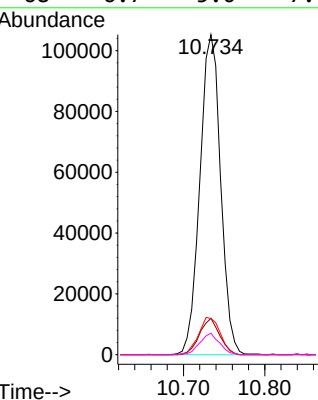
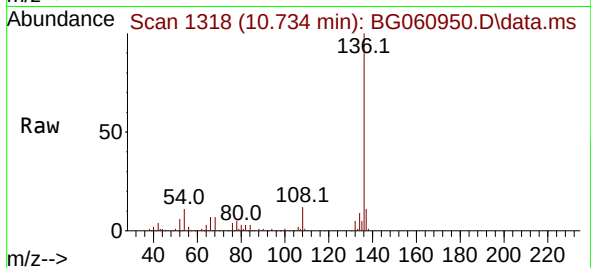
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.3 9.8 14.8

68 6.7 5.0 7.4



#23

Nitrobenzene-d5

Concen: 84.903 ng

RT: 9.094 min Scan# 1039

Delta R.T. -0.005 min

Lab File: BG060950.D

Acq: 19 Apr 2024 00:43

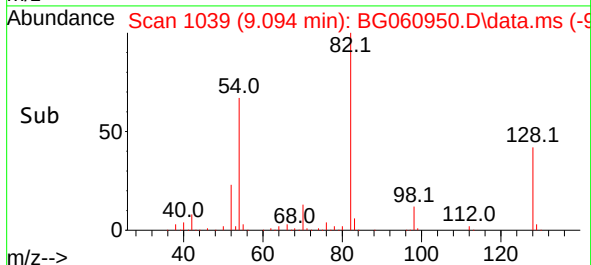
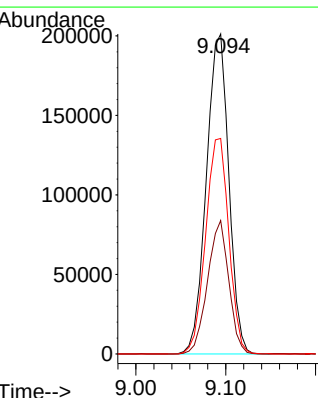
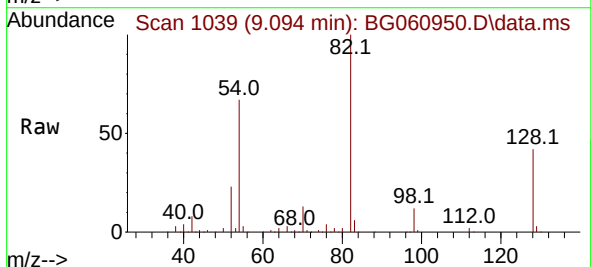
Tgt Ion: 82 Resp: 349412

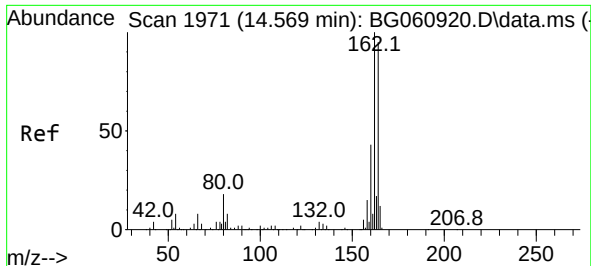
Ion Ratio Lower Upper

82 100

128 41.7 31.4 47.0

54 67.3 54.2 81.4

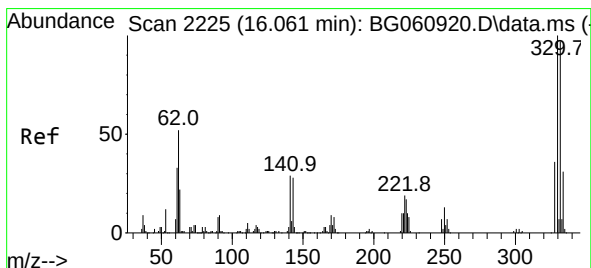
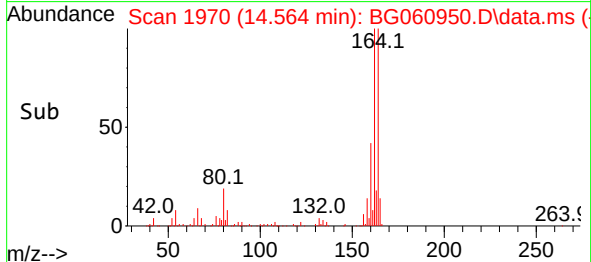
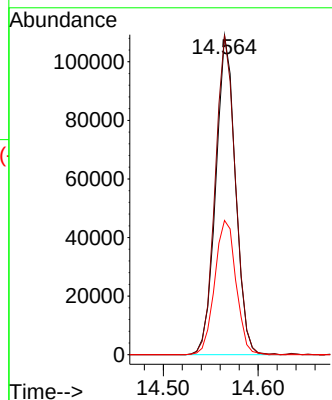
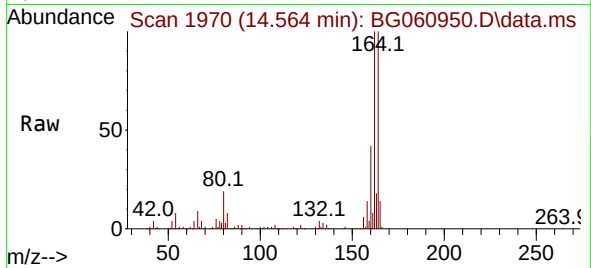




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

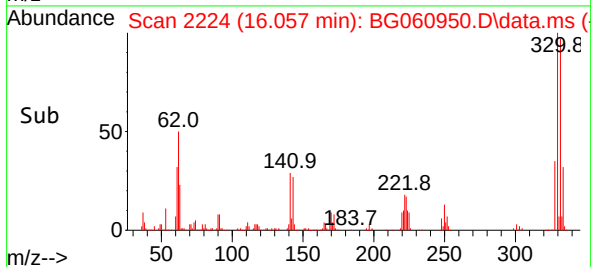
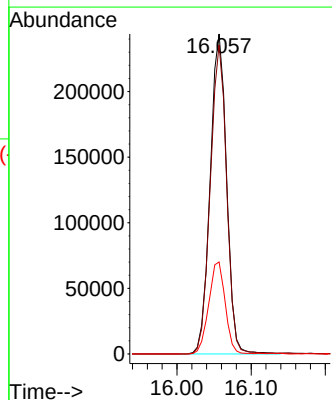
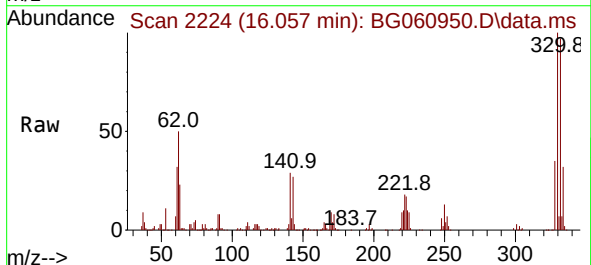
Instrument :
BNA_G
ClientSampleId :
SOIL

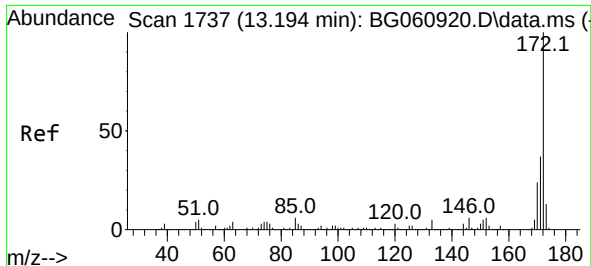
Tgt Ion:164 Resp: 156999
Ion Ratio Lower Upper
164 100
162 100.2 84.1 126.1
160 42.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 144.612 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

Tgt Ion:330 Resp: 375078
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 28.9 23.7 35.5

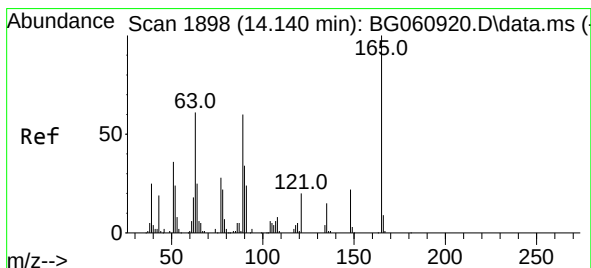
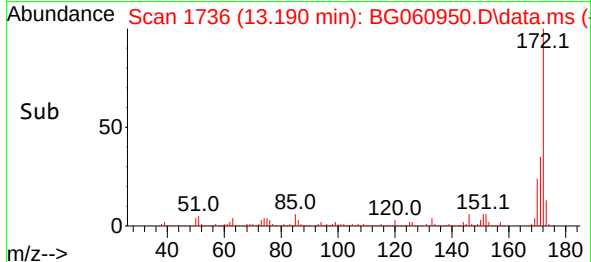
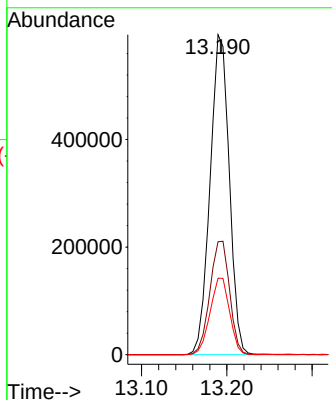
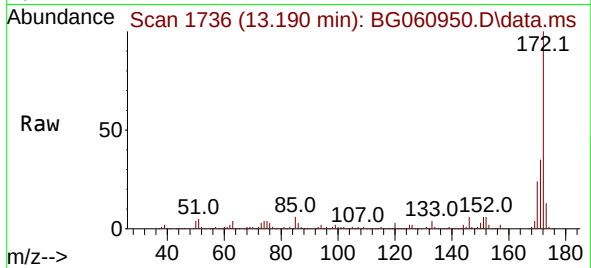




#45
2-Fluorobiphenyl
Concen: 86.936 ng
RT: 13.190 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

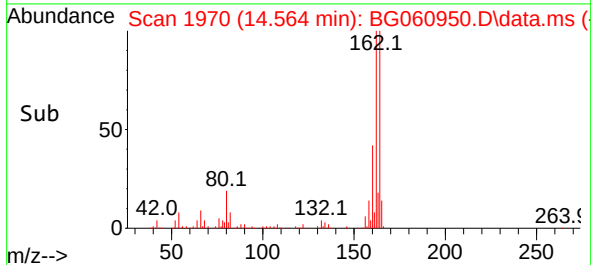
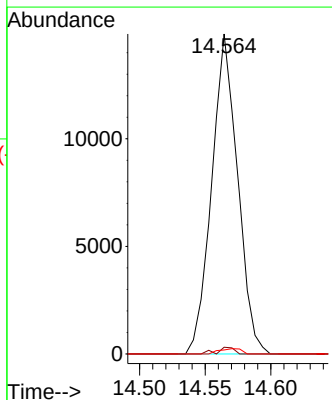
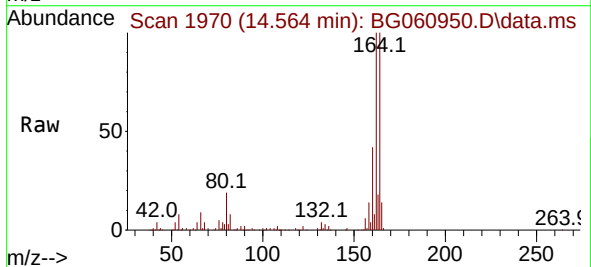
Instrument :
BNA_G
ClientSampleId :
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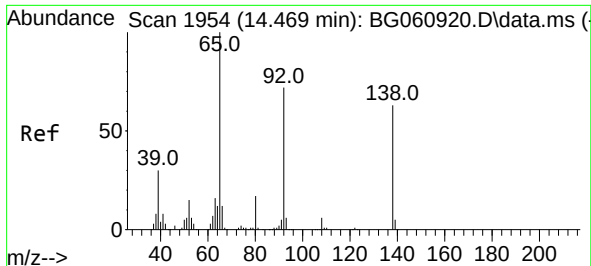
Tgt Ion:172 Resp: 930098
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.9 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.041 ng
RT: 14.564 min Scan# 1970
Delta R.T. 0.424 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

Tgt Ion:165 Resp: 20418
Ion Ratio Lower Upper
165 100
63 2.1 53.8 80.8#
89 1.3 48.2 72.4#

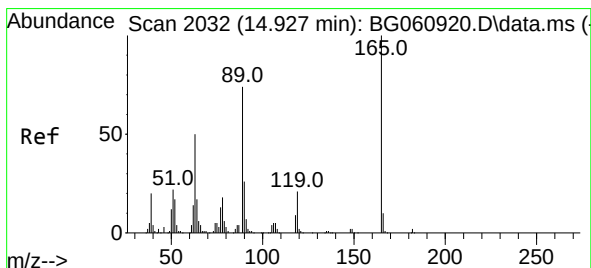
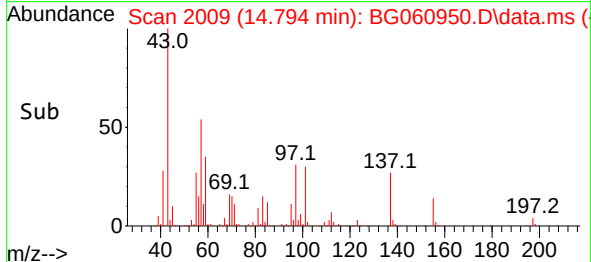
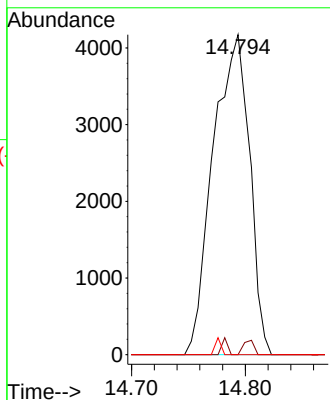
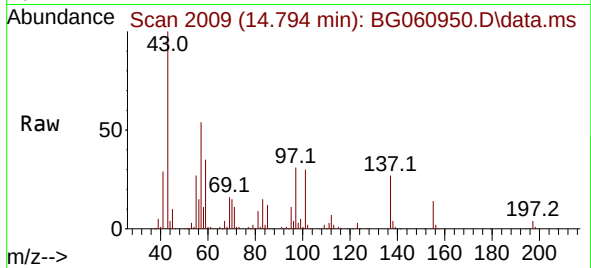




#53
3-Nitroaniline
Concen: 3.330 ng
RT: 14.794 min Scan# 20
Delta R.T. 0.324 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

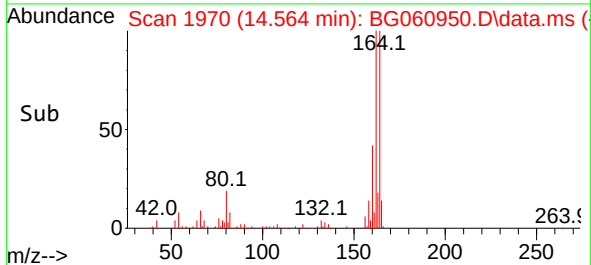
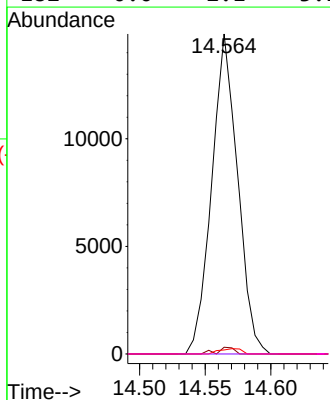
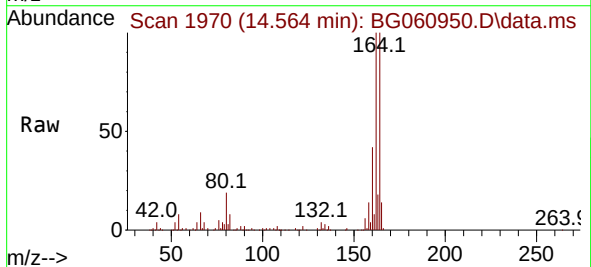
Instrument :
BNA_G
ClientSampleId :
SOIL

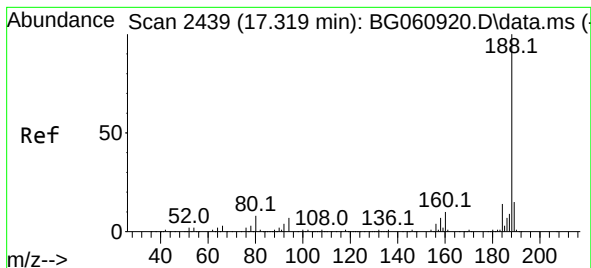
Tgt Ion:138 Resp: 9282
Ion Ratio Lower Upper
138 100
108 0.0 7.5 11.3#
92 0.0 92.5 138.7#



#57
2,4-Dinitrotoluene
Concen: 5.627 ng
RT: 14.564 min Scan# 1970
Delta R.T. -0.363 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

Tgt Ion:165 Resp: 20418
Ion Ratio Lower Upper
165 100
63 2.1 40.2 60.2#
89 1.3 59.0 88.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BG060950.D

Acq: 19 Apr 2024 00:43

Instrument :

BNA_G

ClientSampleId :

SOIL

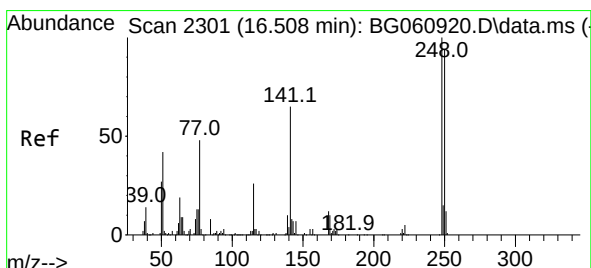
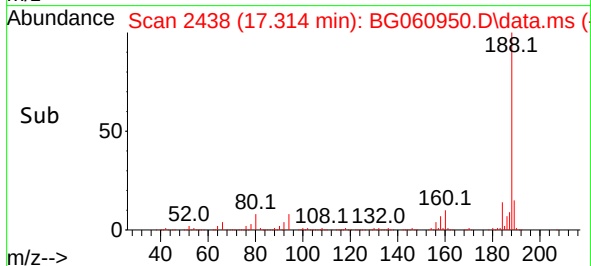
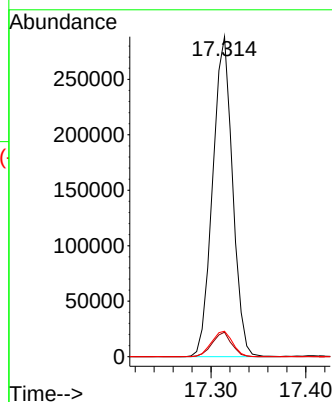
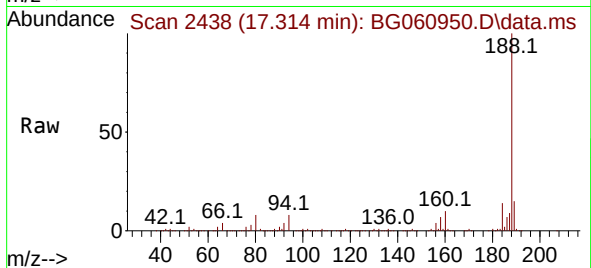
Tgt Ion:188 Resp: 419290

Ion Ratio Lower Upper

188 100

94 7.6 5.7 8.5

80 8.0 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.198 ng

RT: 16.057 min Scan# 2224

Delta R.T. -0.451 min

Lab File: BG060950.D

Acq: 19 Apr 2024 00:43

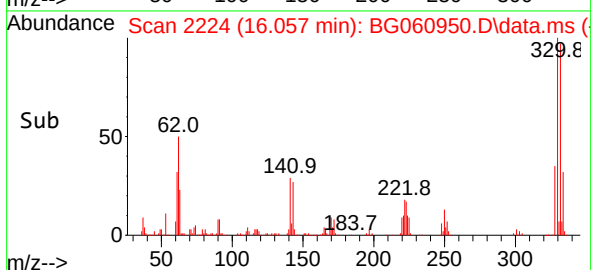
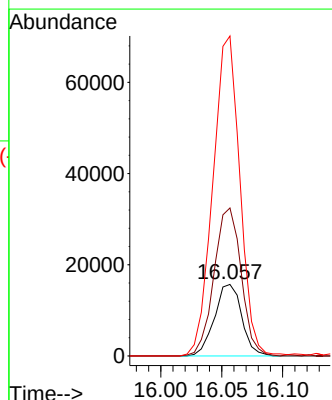
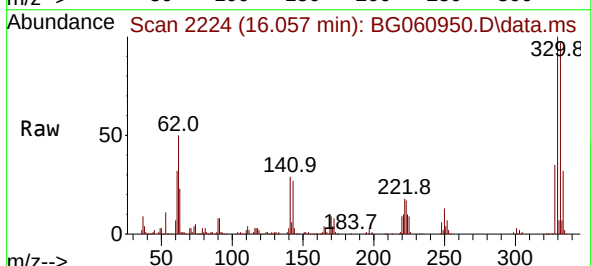
Tgt Ion:248 Resp: 24414

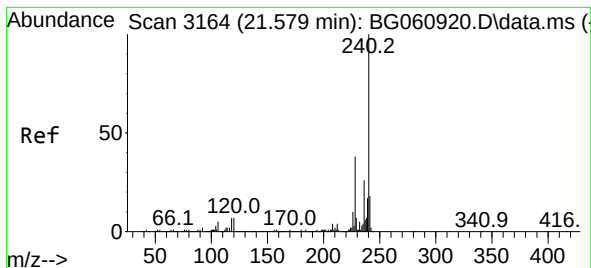
Ion Ratio Lower Upper

248 100

250 206.7 75.4 113.2#

141 446.9 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3162

Delta R.T. -0.011 min

Lab File: BG060950.D

Acq: 19 Apr 2024 00:43

Instrument :

BNA_G

ClientSampleId :

SOIL

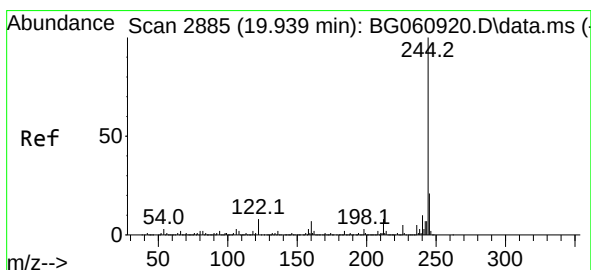
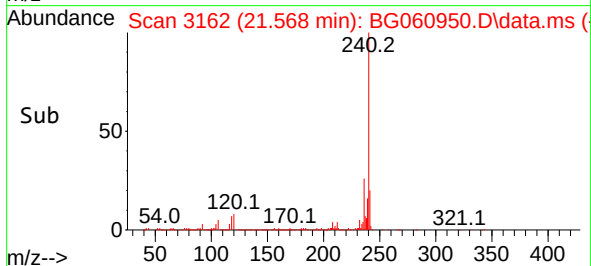
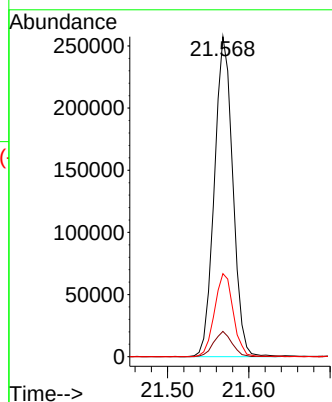
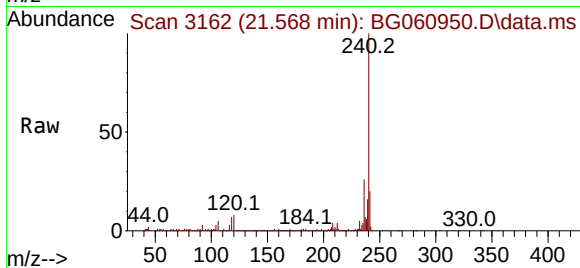
Tgt Ion:240 Resp: 405780

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

236 26.0 21.1 31.7



#79

Terphenyl-d14

Concen: 83.452 ng

RT: 19.935 min Scan# 2884

Delta R.T. -0.005 min

Lab File: BG060950.D

Acq: 19 Apr 2024 00:43

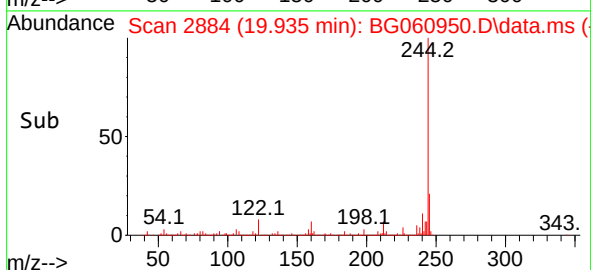
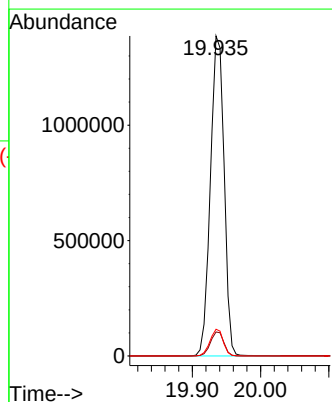
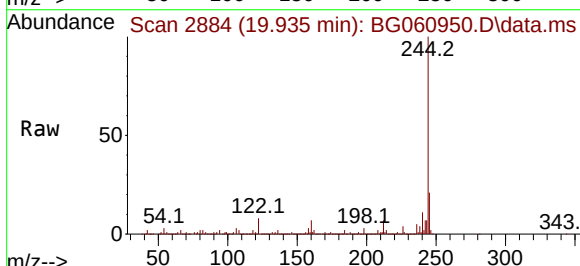
Tgt Ion:244 Resp: 1940315

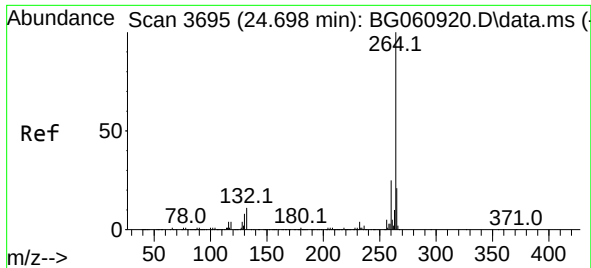
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

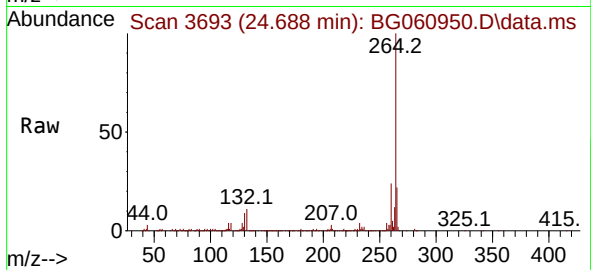
122 8.4 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.688 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG060950.D
 Acq: 19 Apr 2024 00:43

Instrument :
 BNA_G
 ClientSampleId :
 SOIL



Tgt Ion:264	Resp:	480303
Ion	Ratio	Lower Upper
264	100	
260	24.4	19.6 29.4
265	22.0	16.6 25.0

