

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060484.D
 Acq On : 30 Jan 2024 15:14
 Operator : MA/JU
 Sample : P1270-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126

Quant Time: Jan 30 15:50:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

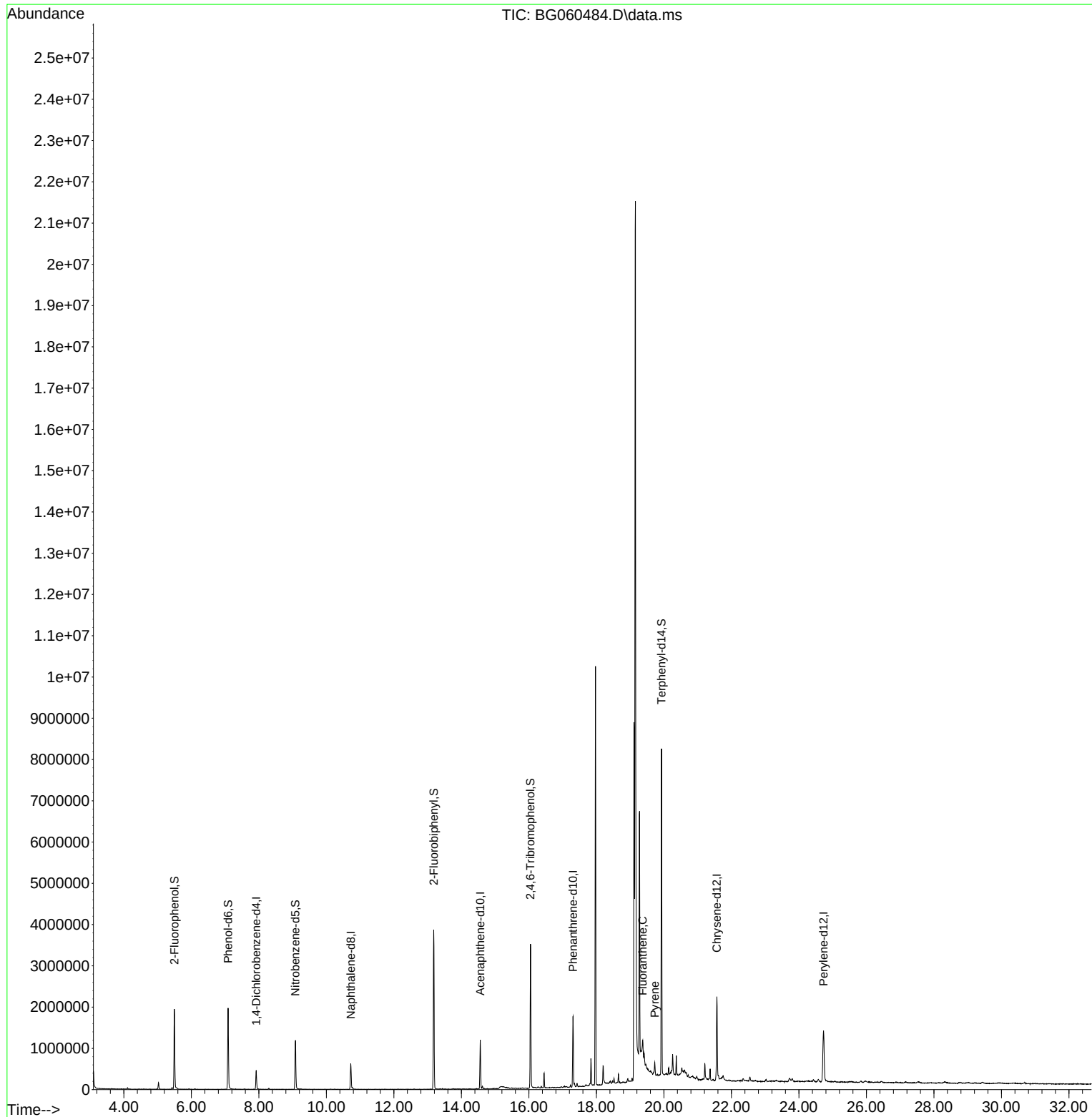
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	149471	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	571828	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	435011	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1239955	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1233453	20.000	ng	0.00
86) Perylene-d12	24.730	264	1414561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	950615	104.606	ng	0.00
7) Phenol-d6	7.086	99	1334273	99.154	ng	0.00
23) Nitrobenzene-d5	9.084	82	829740	68.518	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	826865	129.192	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	2208273	70.577	ng	0.00
79) Terphenyl-d14	19.930	244	3976319	79.276	ng	0.00
Target Compounds						
75) Fluoranthene	19.372	202	195020	2.709	ng	Qvalue 90
78) Pyrene	19.730	202	191389	2.430	ng	# 84

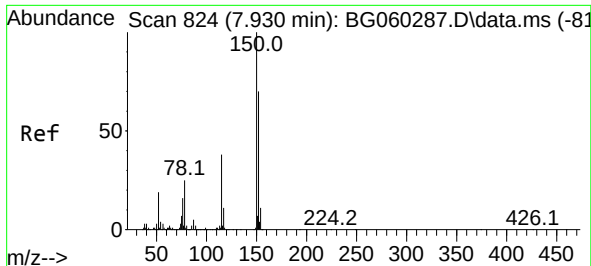
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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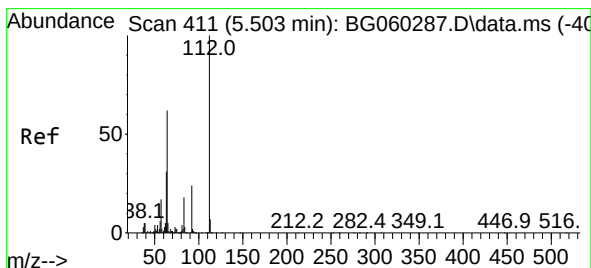
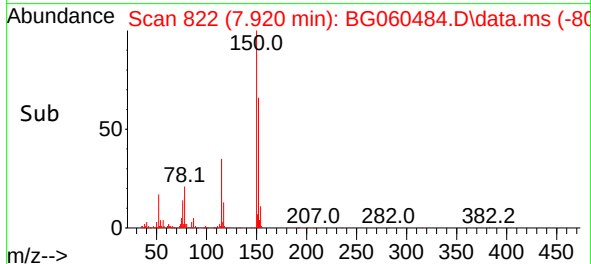
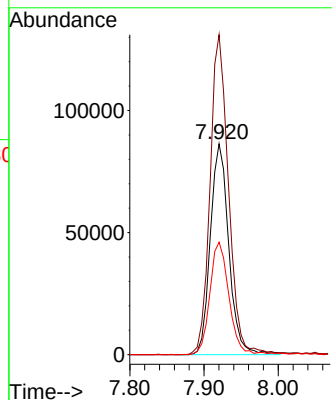
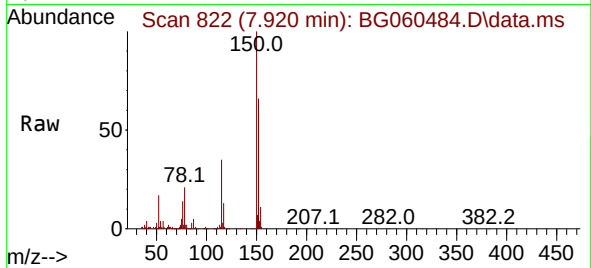




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

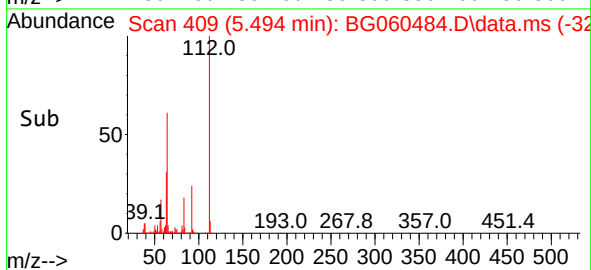
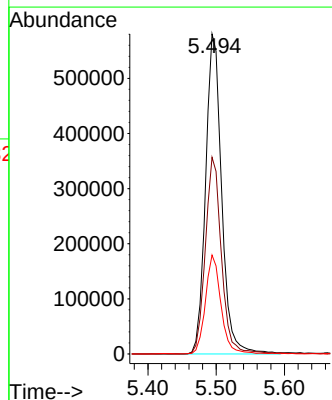
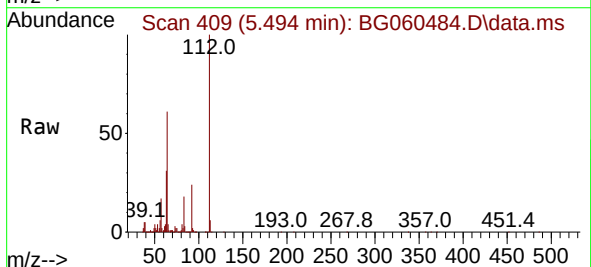
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

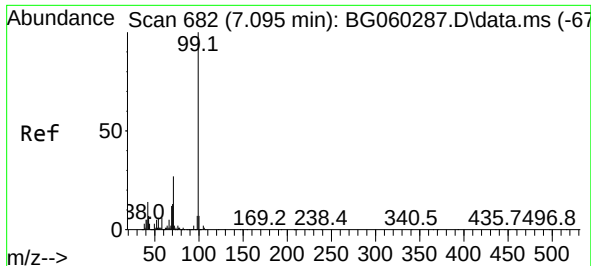
Tgt Ion:152 Resp: 149471
Ion Ratio Lower Upper
152 100
150 151.7 114.5 171.7
115 53.3 43.0 64.6



#5
2-Fluorophenol
Concen: 104.606 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:112 Resp: 950615
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.9 24.4 36.6

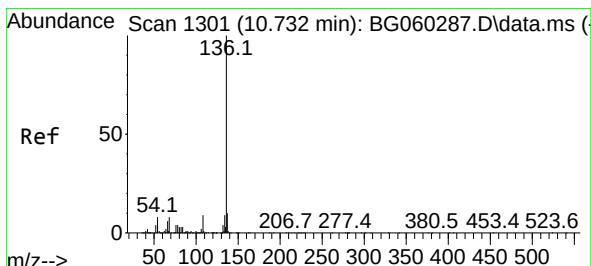
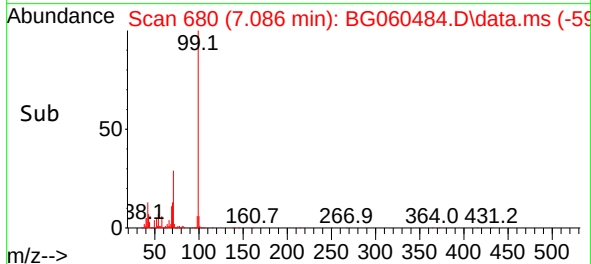
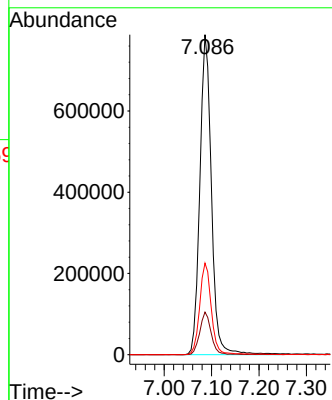
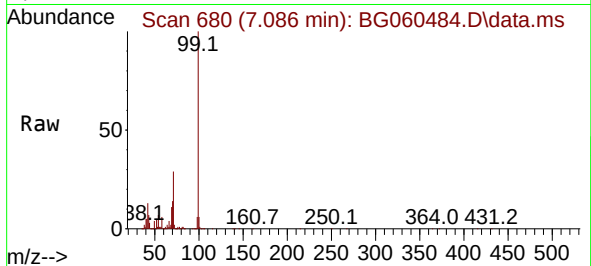




#7
Phenol-d6
Concen: 99.154 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

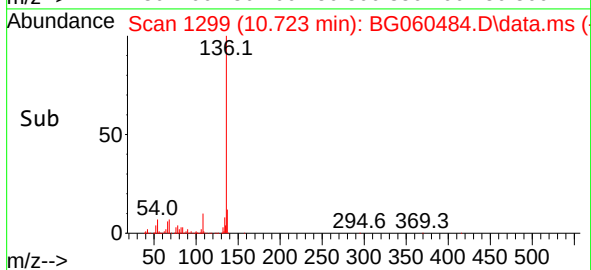
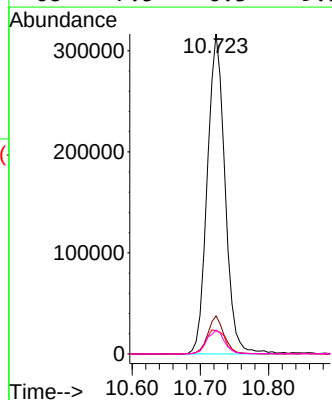
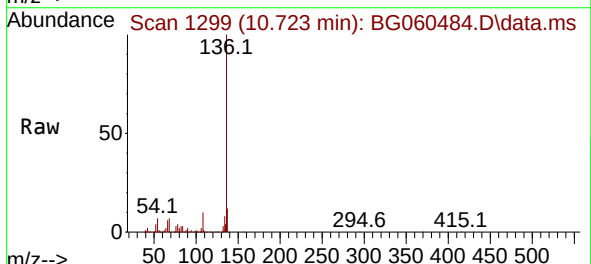
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

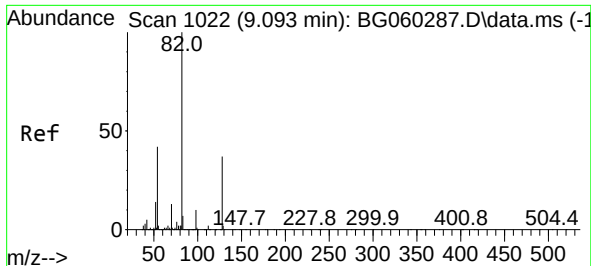
Tgt Ion: 99 Resp: 1334273
Ion Ratio Lower Upper
99 100
42 13.3 10.9 16.3
71 28.6 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 136 Resp: 571828
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.4
54 7.2 6.2 9.2
68 7.5 6.3 9.5

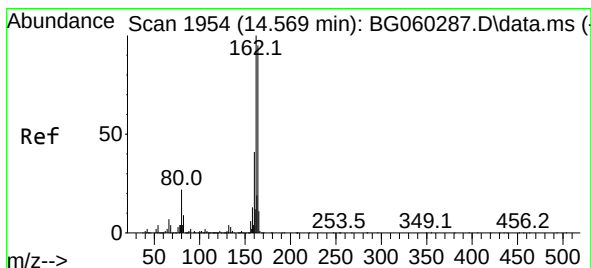
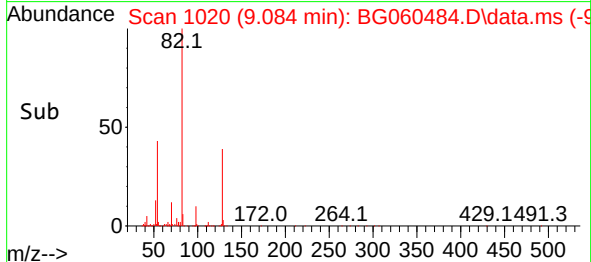
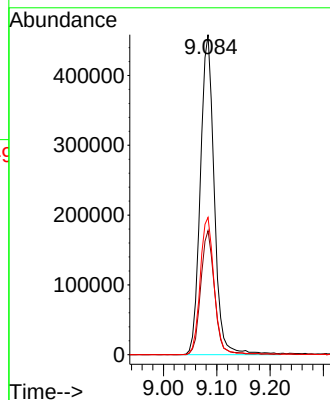
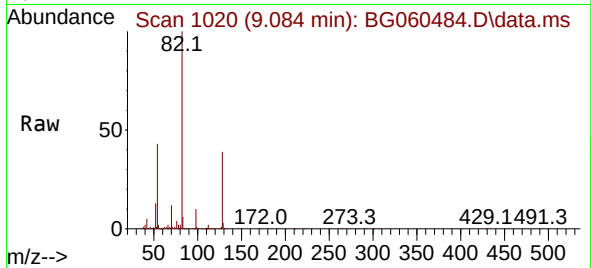




#23
Nitrobenzene-d5
Concen: 68.518 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

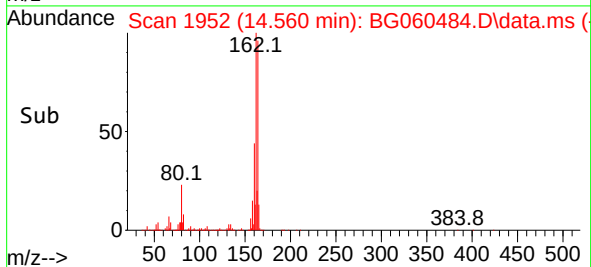
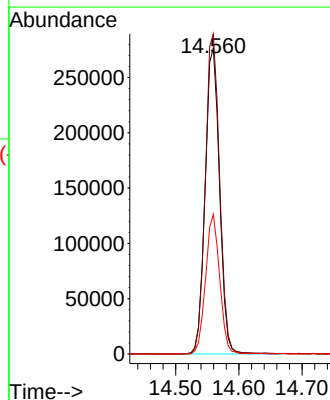
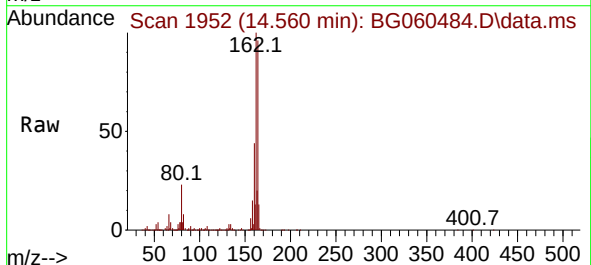
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

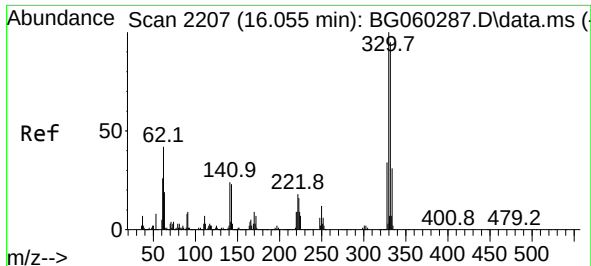
Tgt Ion: 82 Resp: 829740
Ion Ratio Lower Upper
82 100
128 38.7 29.6 44.4
54 42.9 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 164 Resp: 435011
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 45.6 34.6 52.0

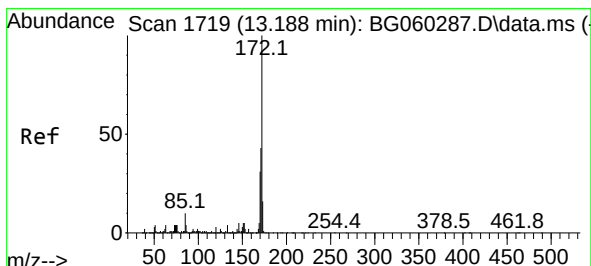
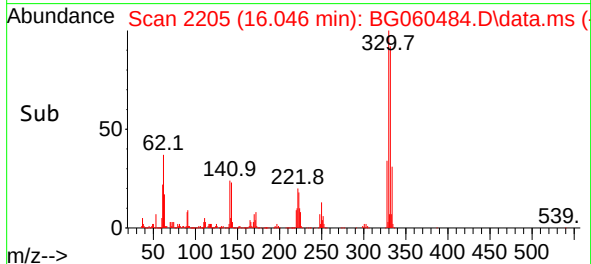
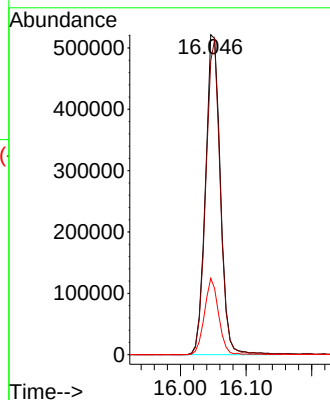
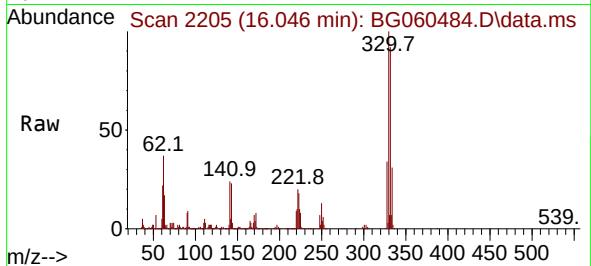




#42
2,4,6-Tribromophenol
Concen: 129.192 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

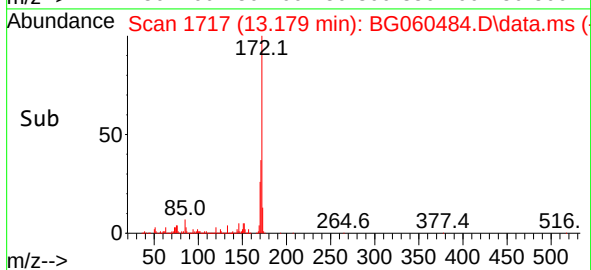
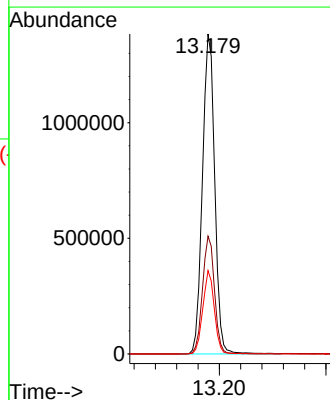
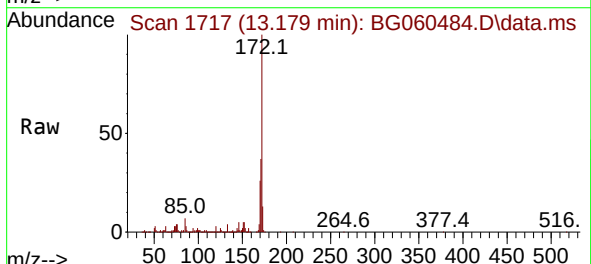
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

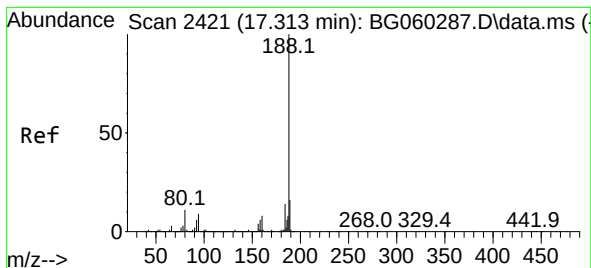
Tgt Ion	330	Resp	826865
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.7	115.1
141	22.7	18.6	28.0



#45
2-Fluorobiphenyl
Concen: 70.577 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion	172	Resp	2208273
Ion Ratio	Lower	Upper	
172	100		
171	36.8	34.6	51.8
170	26.1	24.4	36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2421

Delta R.T. -0.003 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126

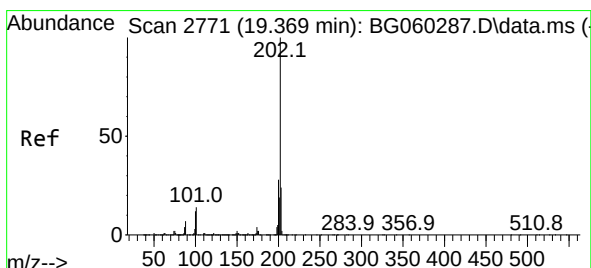
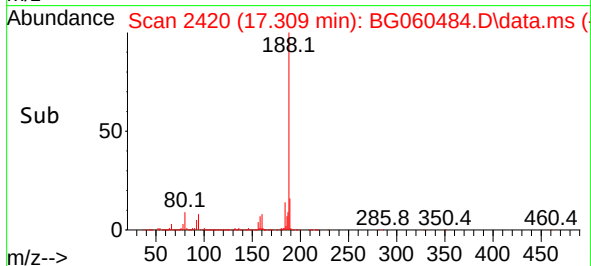
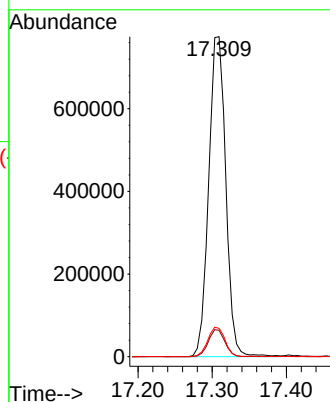
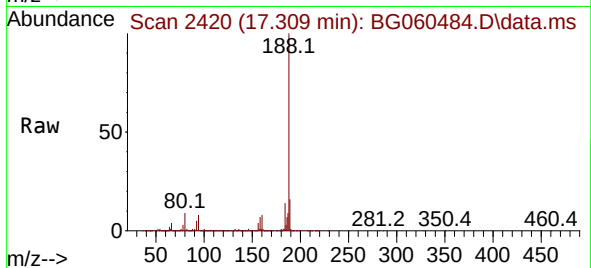
Tgt Ion:188 Resp: 1239955

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.8 8.5 12.7



#75

Fluoranthene

Concen: 2.709 ng

RT: 19.372 min Scan# 2771

Delta R.T. 0.003 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

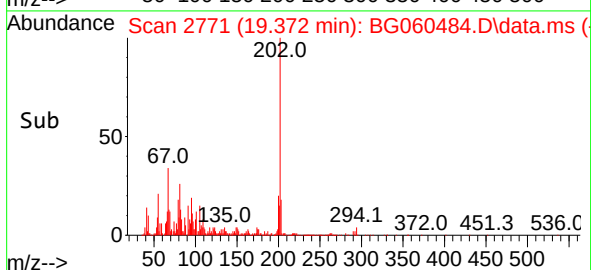
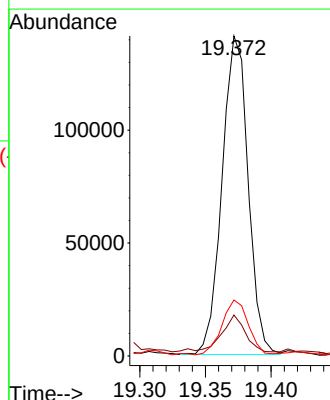
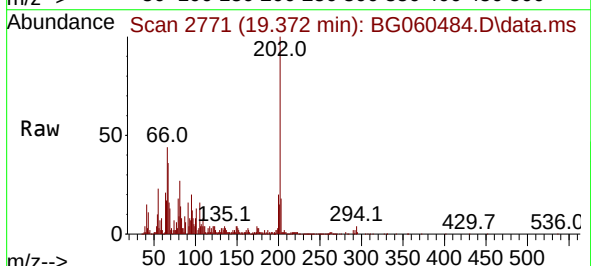
Tgt Ion:202 Resp: 195020

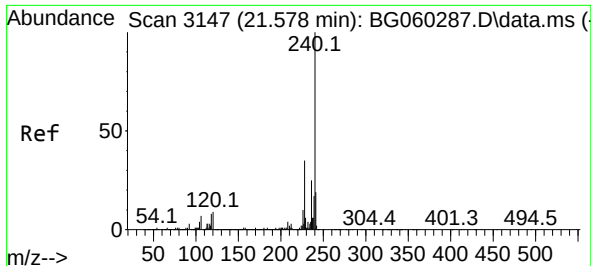
Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.4

203 17.5 4.0 44.0

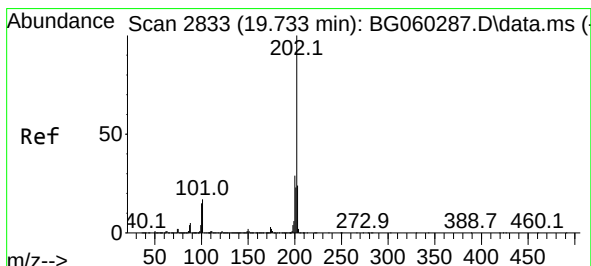
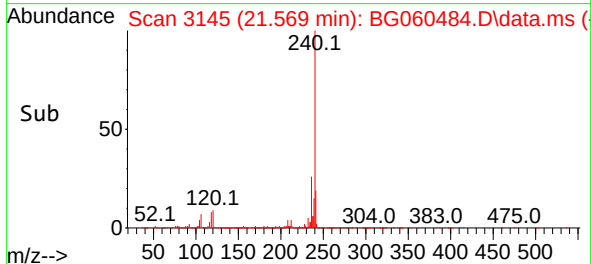
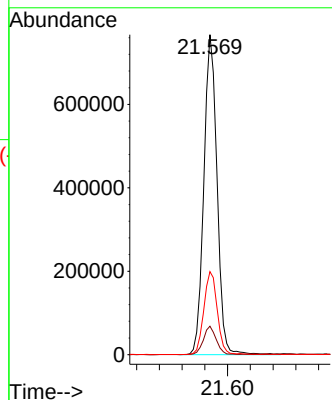
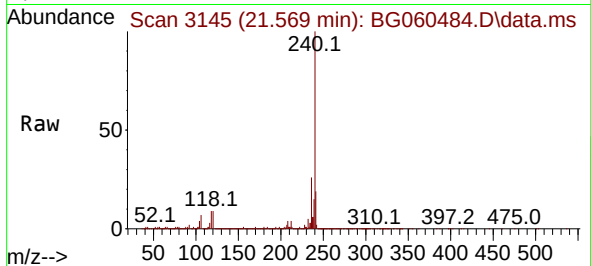




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

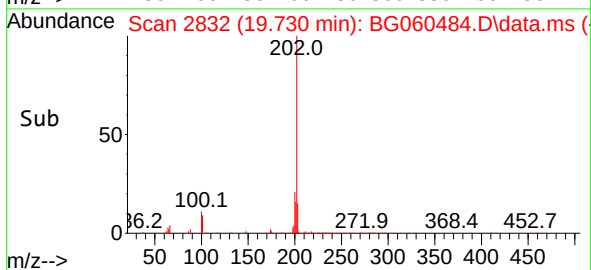
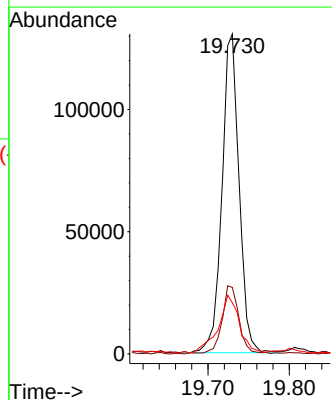
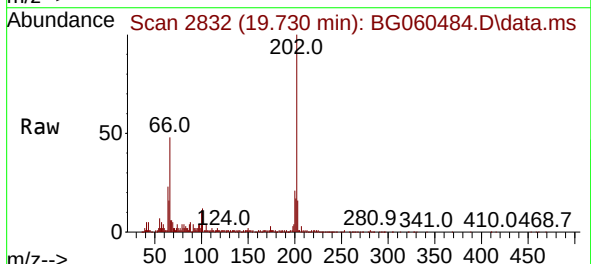
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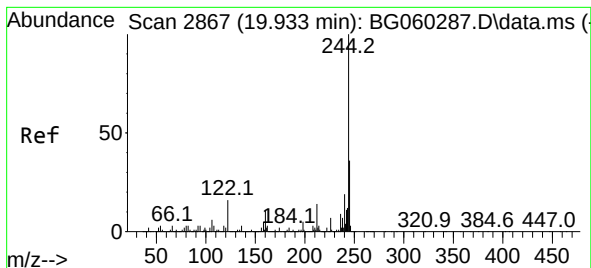
Tgt Ion:240 Resp: 1233453
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 26.0 20.3 30.5



#78
Pyrene
Concen: 2.430 ng
RT: 19.730 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:202 Resp: 191389
Ion Ratio Lower Upper
202 100
200 20.8 23.5 35.3#
203 16.0 19.6 29.4#





#79

Terphenyl-d14

Concen: 79.276 ng

RT: 19.930 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126

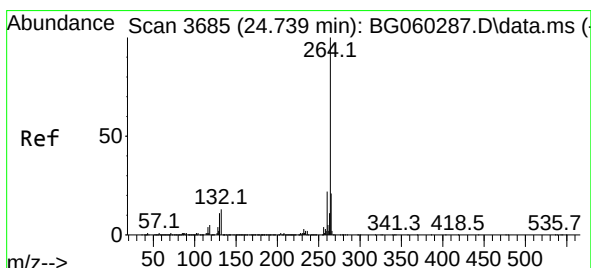
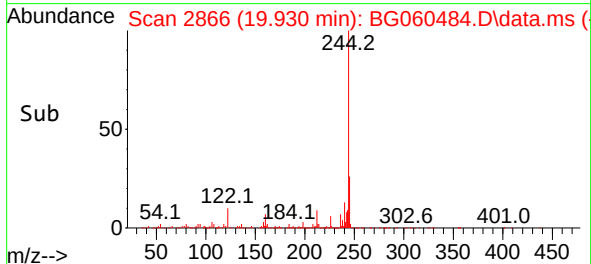
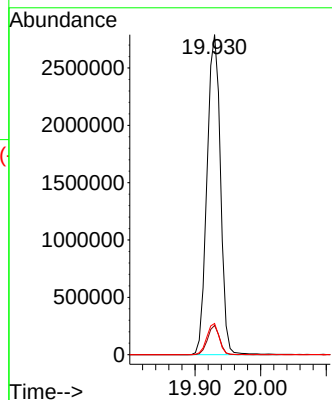
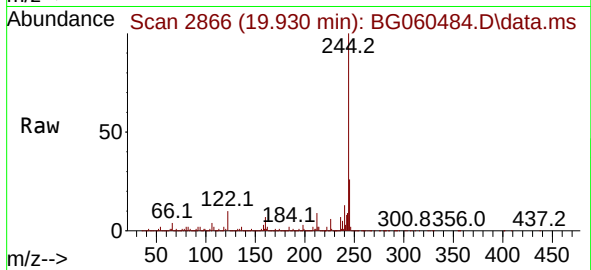
Tgt Ion:244 Resp: 3976319

Ion Ratio Lower Upper

244 100

212 9.2 10.9 16.3#

122 9.8 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.730 min Scan# 3683

Delta R.T. -0.009 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

Tgt Ion:264 Resp: 1414561

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 22.1 16.8 25.2

