

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060085.D
 Acq On : 19 Dec 2023 14:45
 Operator : MA/JU
 Sample : 05884-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP-2

Quant Time: Dec 19 15:27:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	51327	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	199100	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	194123	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	609570	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	689485	20.000	ng	# 0.00
86) Perylene-d12	24.804	264	755187	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	272440	90.864	ng	0.00
7) Phenol-d6	7.113	99	420758	99.762	ng	0.00
23) Nitrobenzene-d5	9.117	82	304712	69.495	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	579660	128.131	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1095001	69.037	ng	0.00
79) Terphenyl-d14	19.963	244	3081941	81.608	ng	0.00

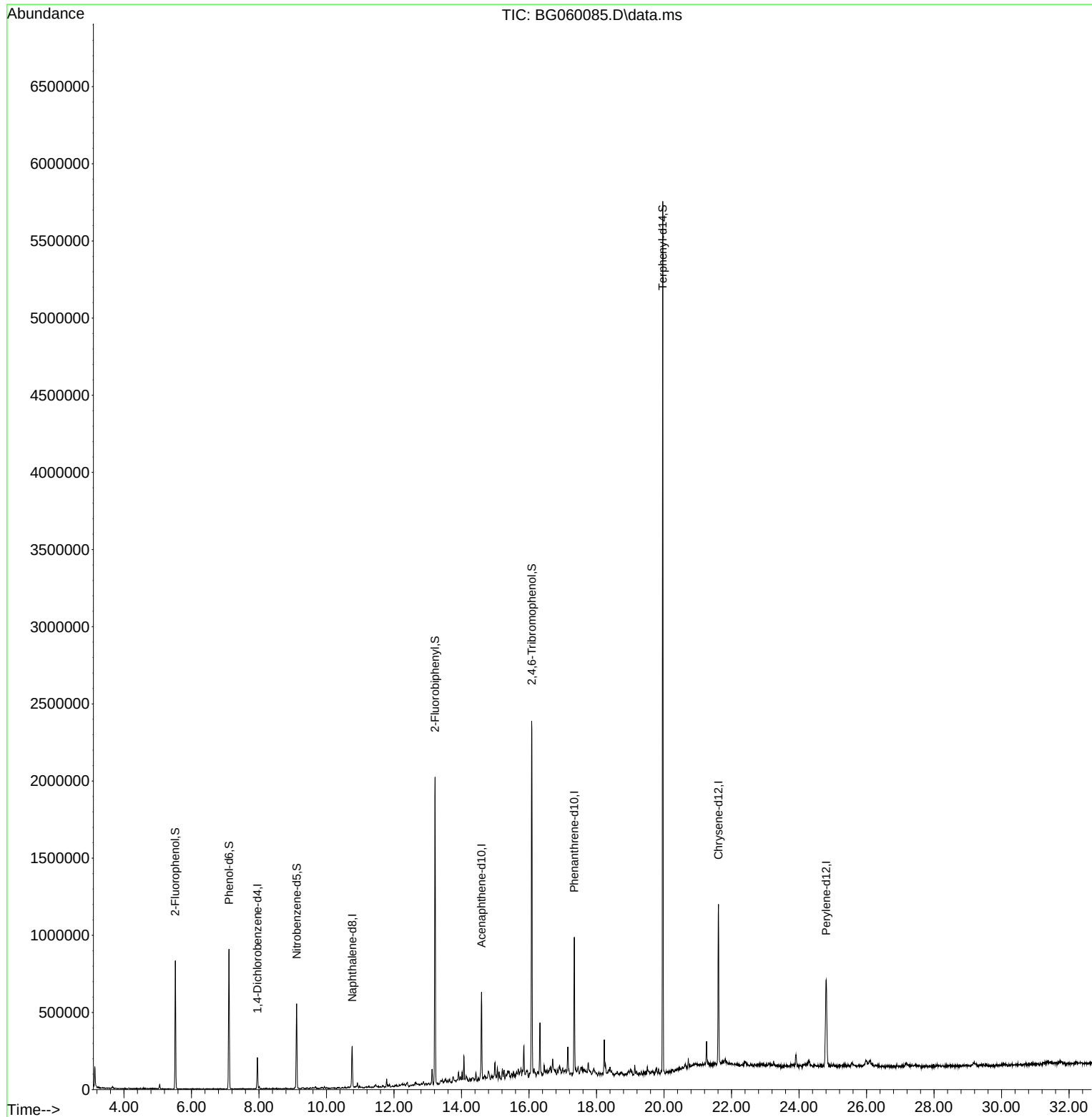
Target Compounds	Qvalue

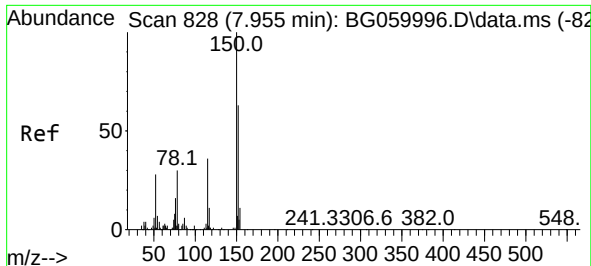
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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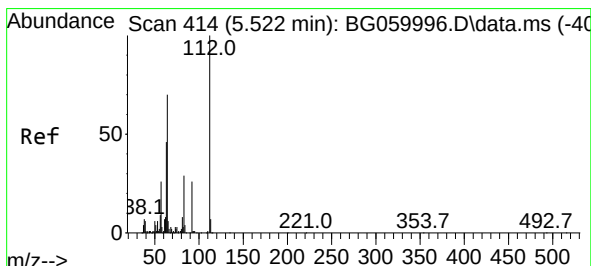
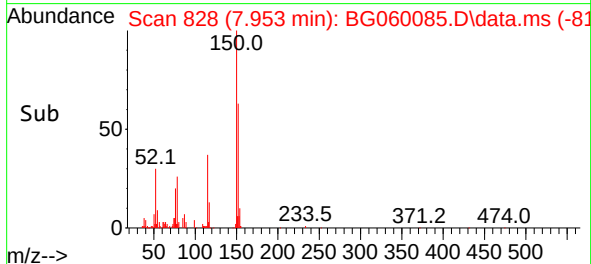
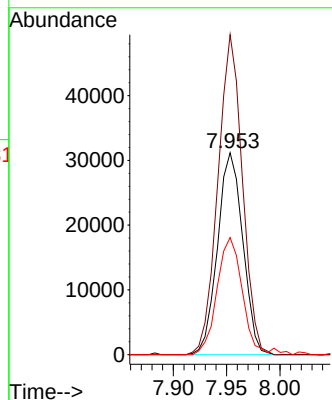
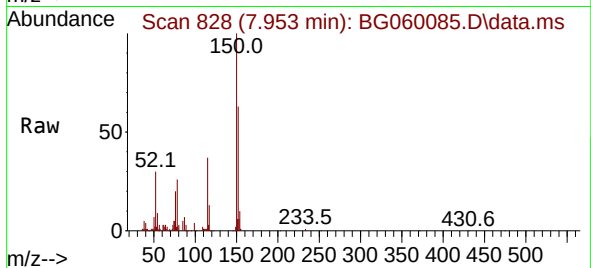




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

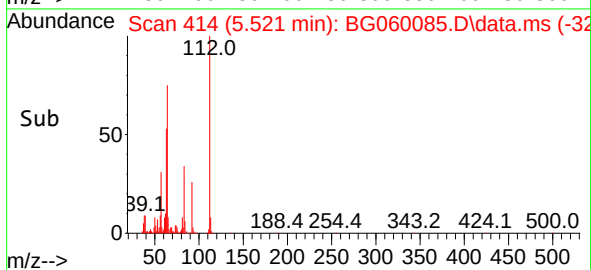
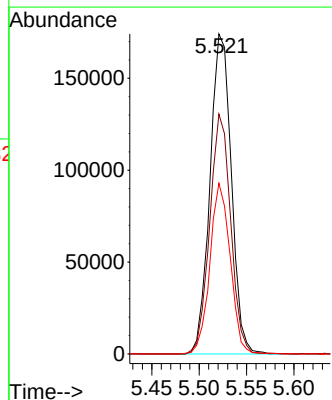
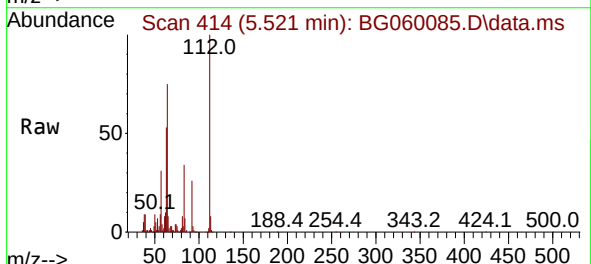
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-2

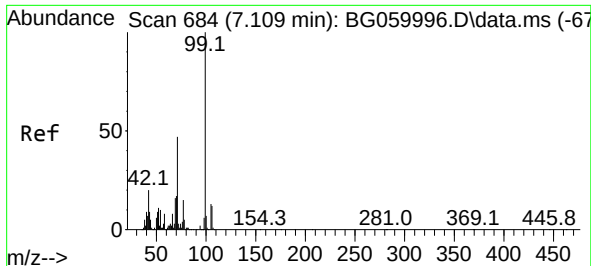
Tgt Ion:152 Resp: 51327
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 58.0 45.7 68.5



#5
2-Fluorophenol
Concen: 90.864 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

Tgt Ion:112 Resp: 272440
Ion Ratio Lower Upper
112 100
64 74.9 55.9 83.9
63 53.4 36.5 54.7

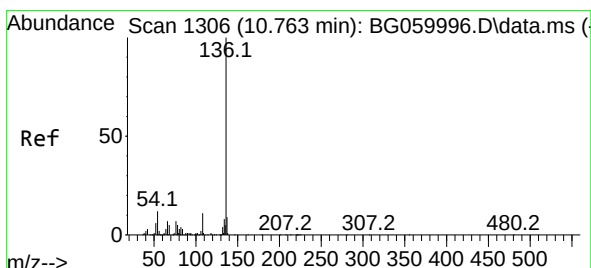
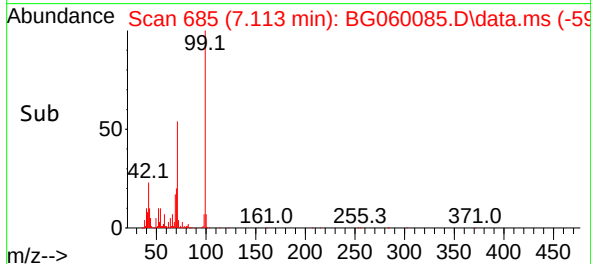
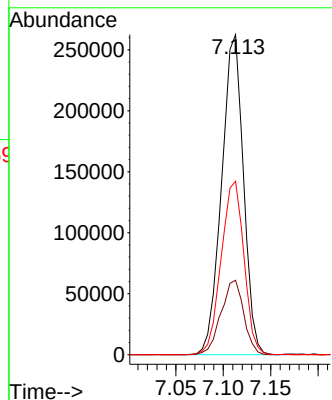
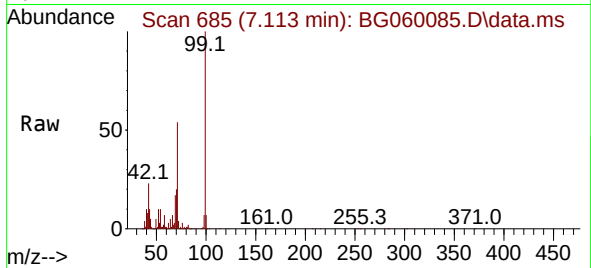




#7
Phenol-d6
Concen: 99.762 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

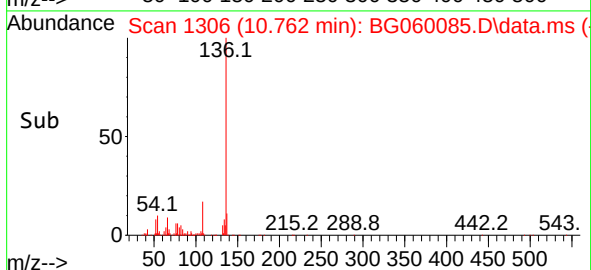
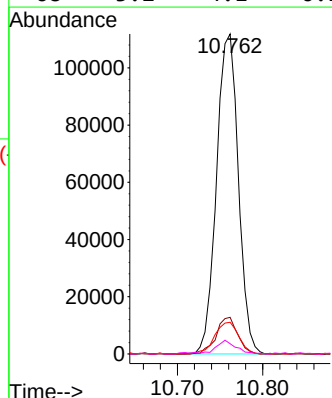
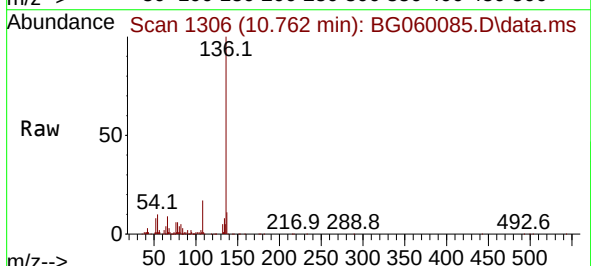
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-2

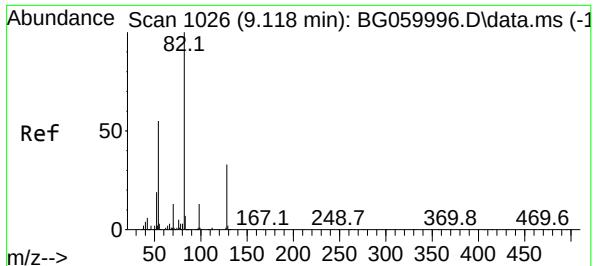
Tgt Ion: 99 Resp: 420758
Ion Ratio Lower Upper
99 100
42 23.2 16.2 24.4
71 54.2 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

Tgt Ion: 136 Resp: 199100
Ion Ratio Lower Upper
136 100
137 11.5 7.3 10.9#
54 9.9 9.6 14.4
68 3.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 69.495 ng

RT: 9.117 min Scan# 1026

Delta R.T. -0.005 min

Lab File: BG060085.D

Acq: 19 Dec 2023 14:45

Instrument :

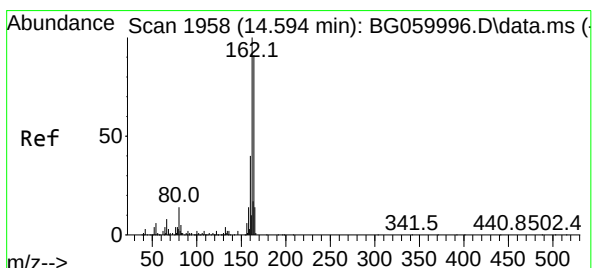
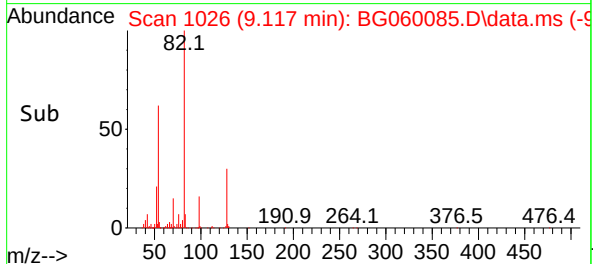
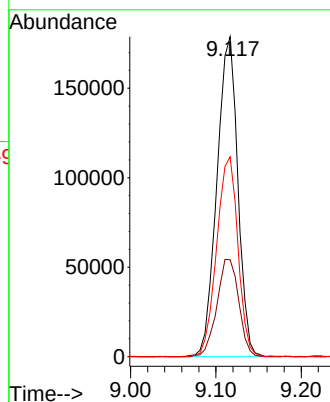
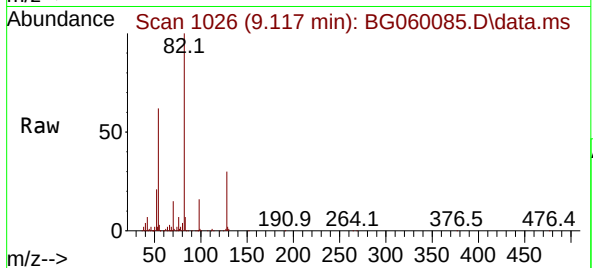
BNA_G

ClientSampleId :

SOIL-COMP-2

Tgt Ion: 82 Resp: 304712

Ion	Ratio	Lower	Upper
82	100		
128	30.3	26.3	39.5
54	62.5	44.3	66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1958

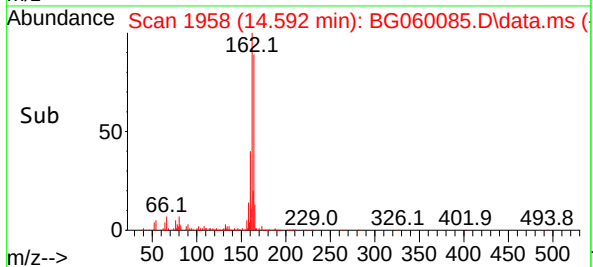
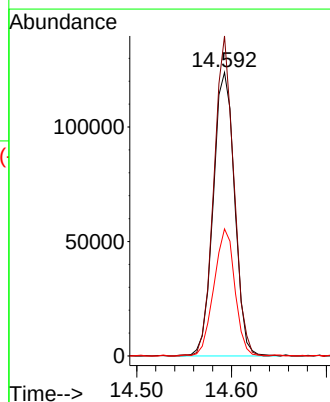
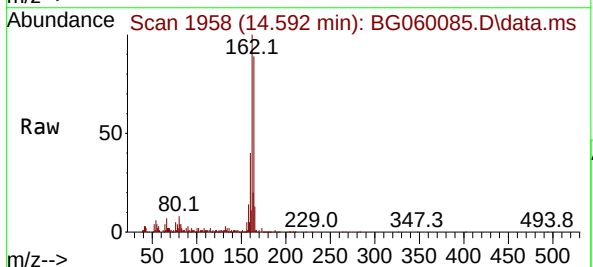
Delta R.T. -0.005 min

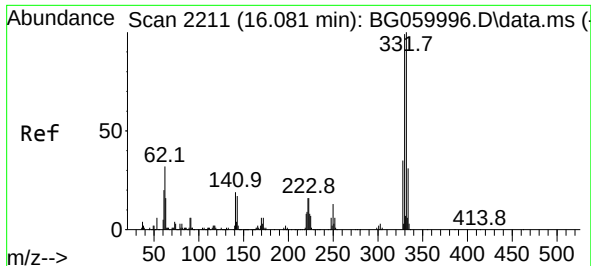
Lab File: BG060085.D

Acq: 19 Dec 2023 14:45

Tgt Ion: 164 Resp: 194123

Ion	Ratio	Lower	Upper
164	100		
162	112.9	88.1	132.1
160	44.8	35.4	53.0

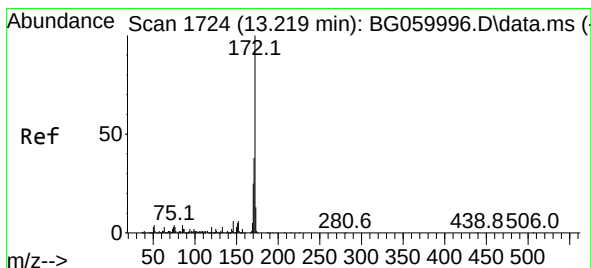
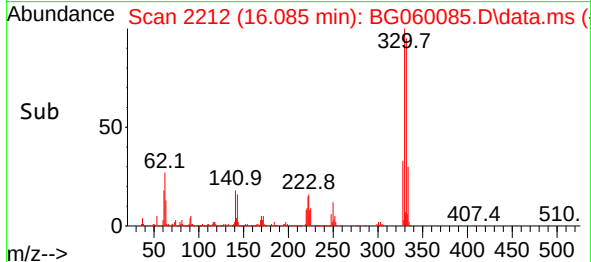
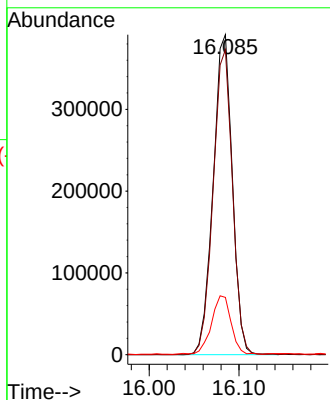
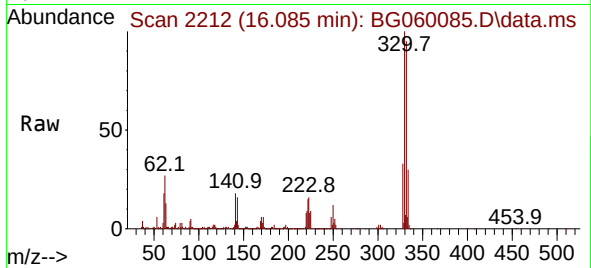




#42
2,4,6-Tribromophenol
Concen: 128.131 ng
RT: 16.085 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

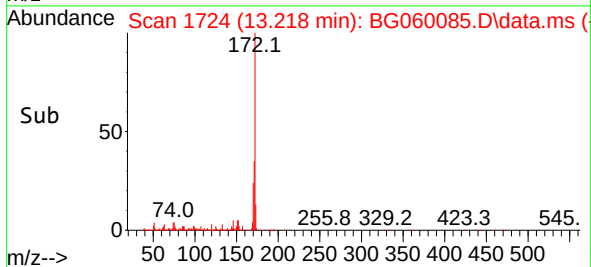
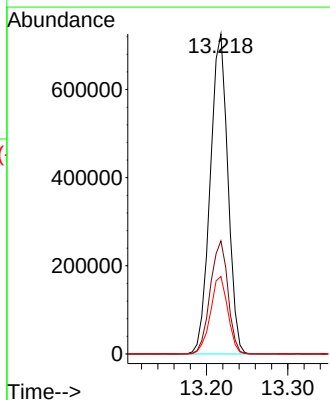
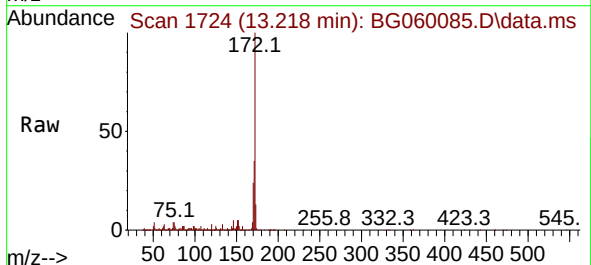
Instrument :
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SOIL-COMP-2

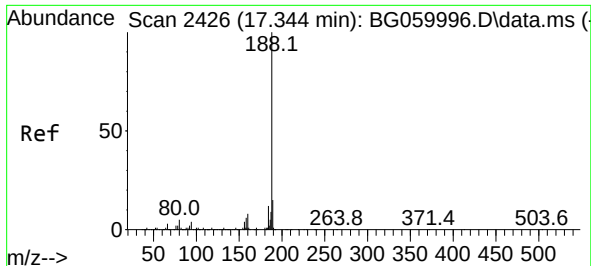
Tgt Ion:330 Resp: 579660
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 18.9 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 69.037 ng
RT: 13.218 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

Tgt Ion:172 Resp: 1095001
Ion Ratio Lower Upper
172 100
171 35.4 30.1 45.1
170 24.2 20.0 30.0

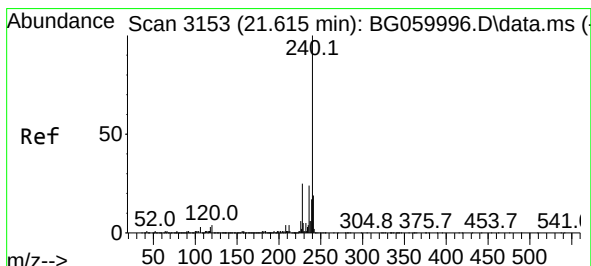
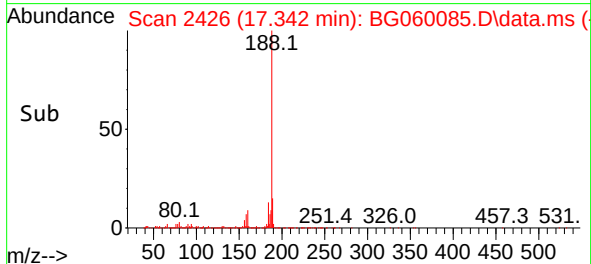
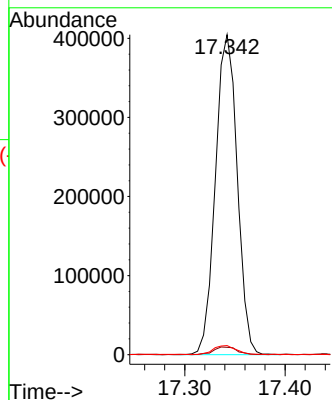
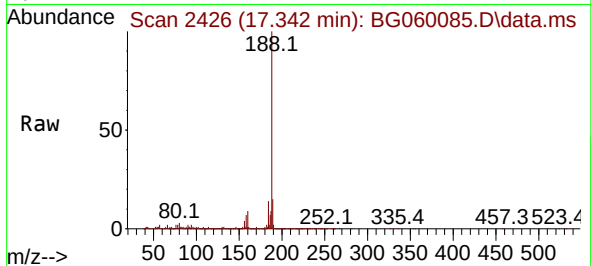




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

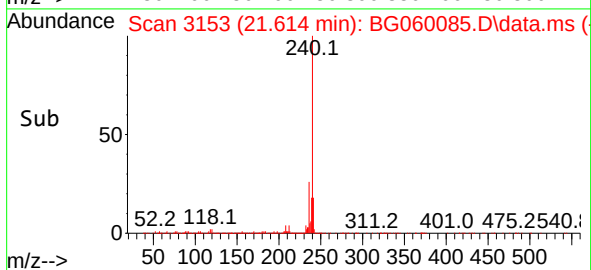
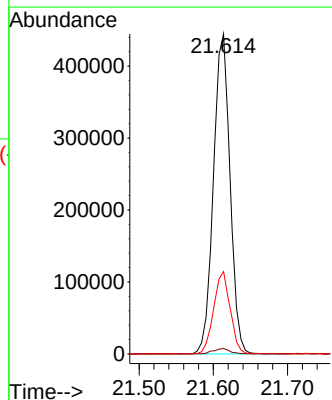
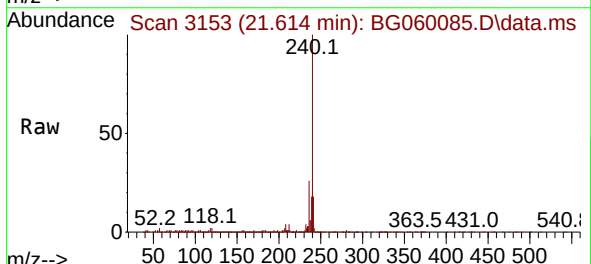
Instrument :
BNA_G
ClientSampleId :
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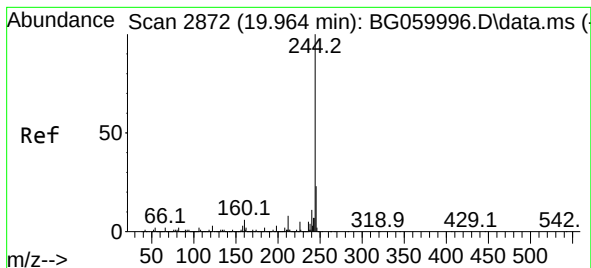
Tgt Ion:188 Resp: 609570
Ion Ratio Lower Upper
188 100
94 2.3 3.0 4.6#
80 2.8 4.0 6.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG060085.D
Acq: 19 Dec 2023 14:45

Tgt Ion:240 Resp: 689485
Ion Ratio Lower Upper
240 100
120 1.7 2.9 4.3#
236 25.7 19.4 29.2





#79

Terphenyl-d14

Concen: 81.608 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060085.D

Acq: 19 Dec 2023 14:45

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP-2

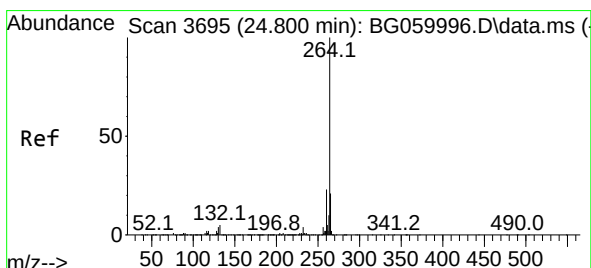
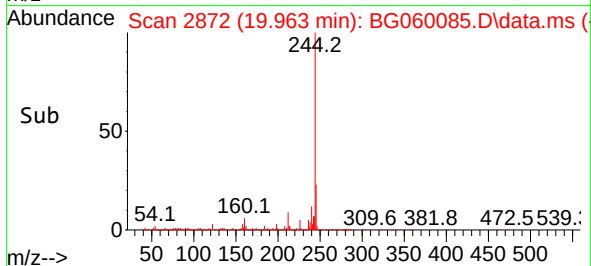
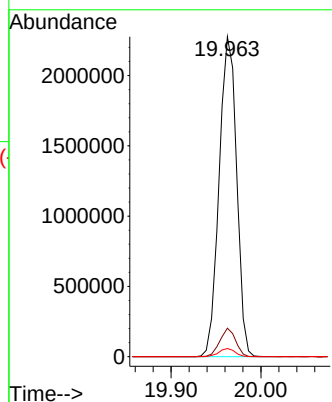
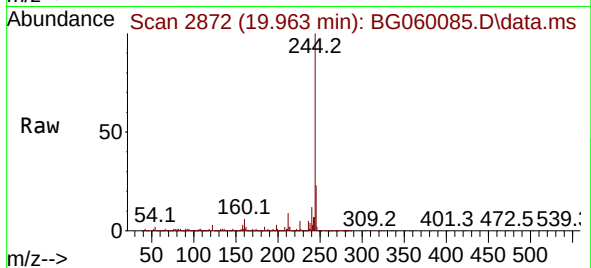
Tgt Ion:244 Resp: 3081941

Ion Ratio Lower Upper

244 100

212 8.9 6.8 10.2

122 2.5 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3696

Delta R.T. -0.011 min

Lab File: BG060085.D

Acq: 19 Dec 2023 14:45

Tgt Ion:264 Resp: 755187

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 20.8 17.3 25.9

