

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

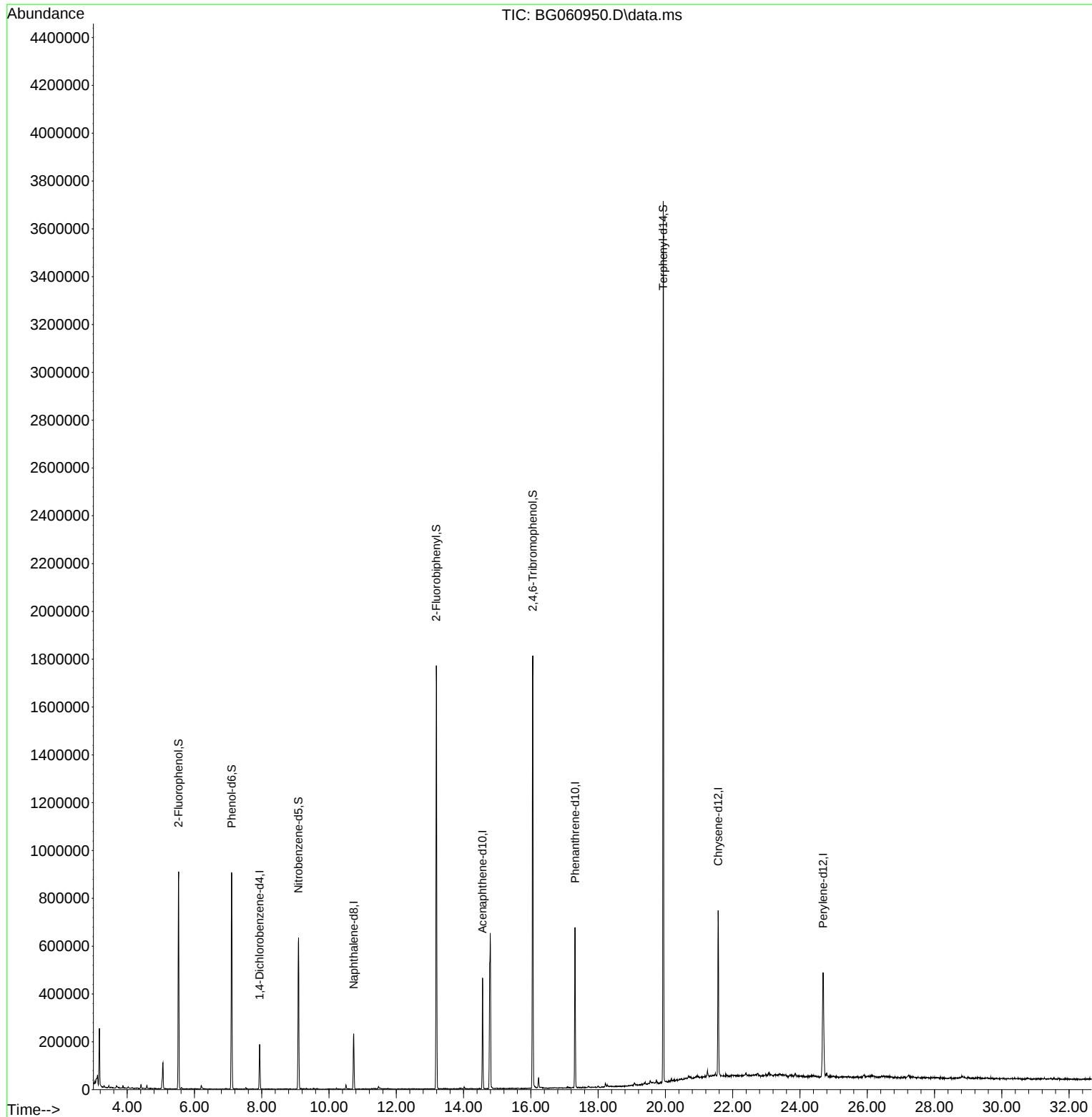
Target Compounds	Qvalue

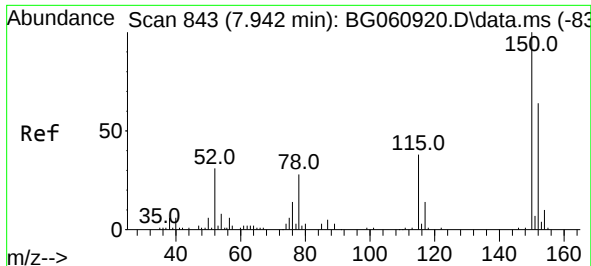
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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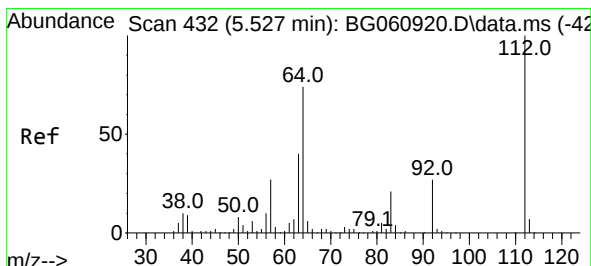
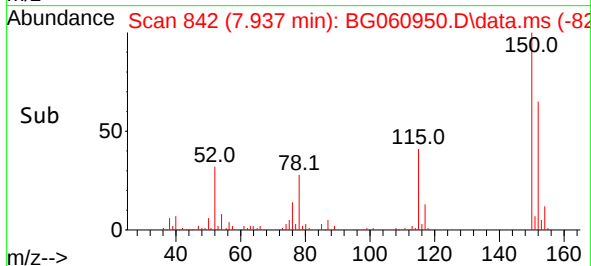
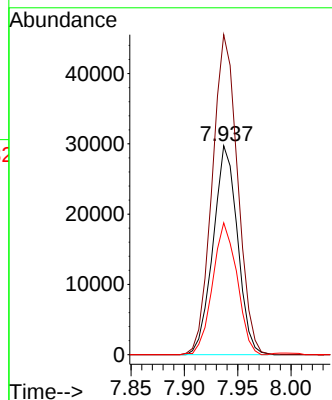
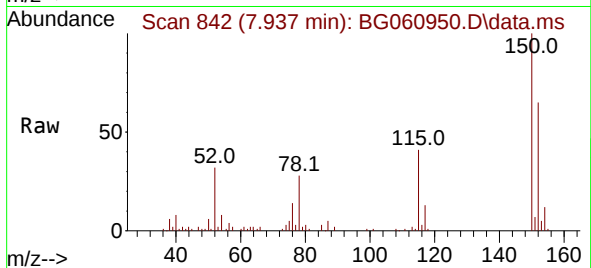




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 843
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

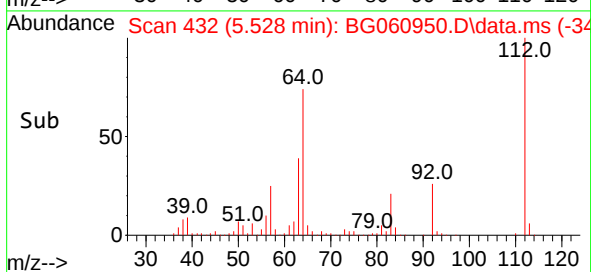
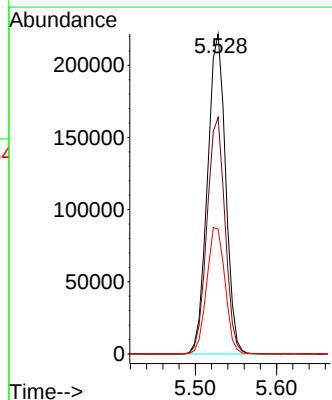
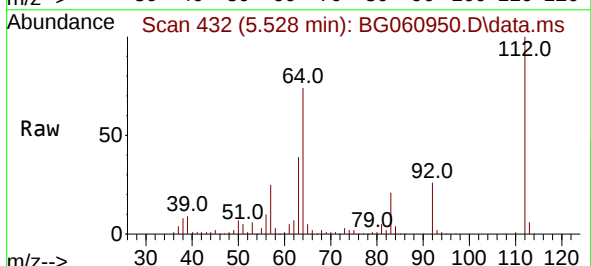
Instrument :
BNA_G
ClientSampleId :
SOIL

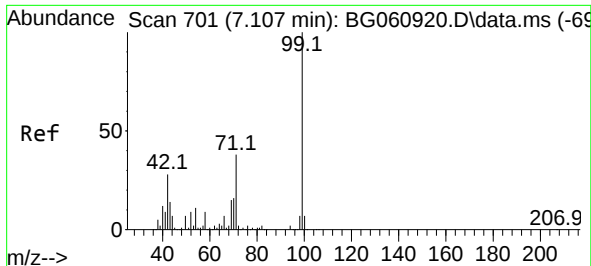
Tgt Ion:152 Resp: 47242
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 63.1 47.1 70.7



#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

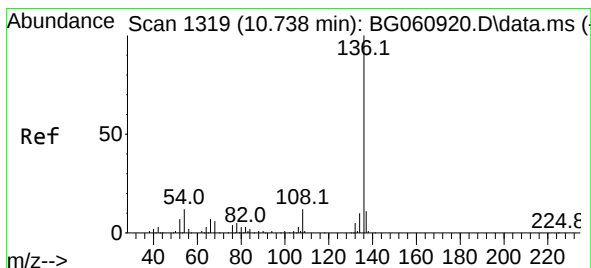
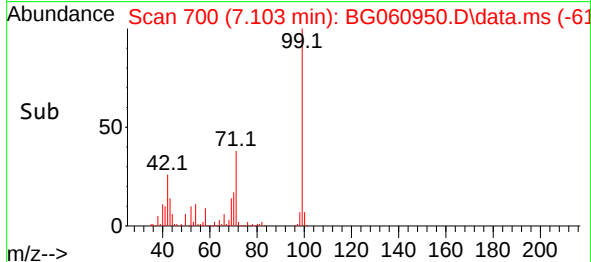
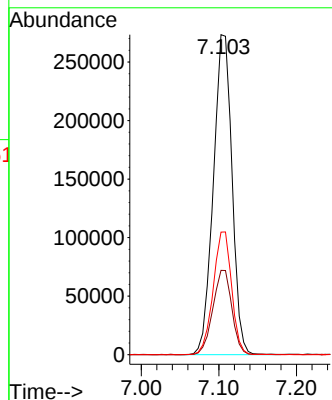
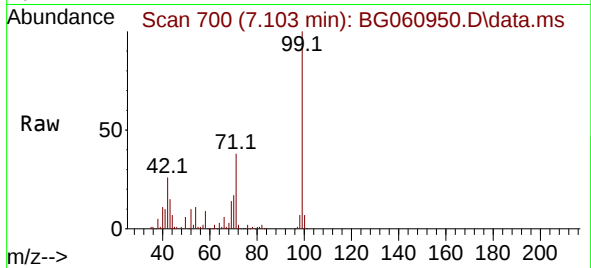




#7
Phenol-d6
Concen: 116.746 ng
RT: 7.103 min Scan# 701
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

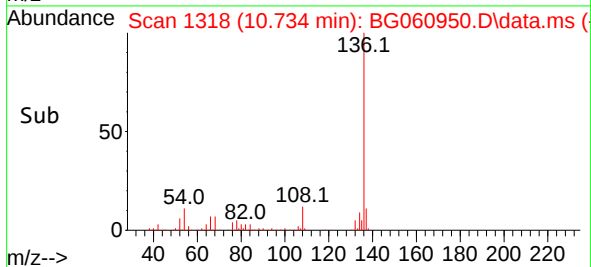
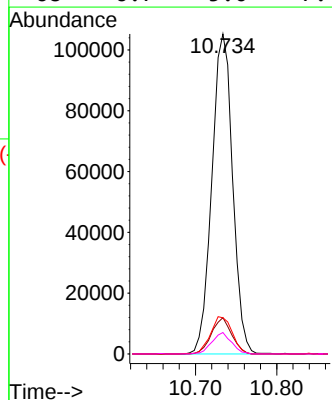
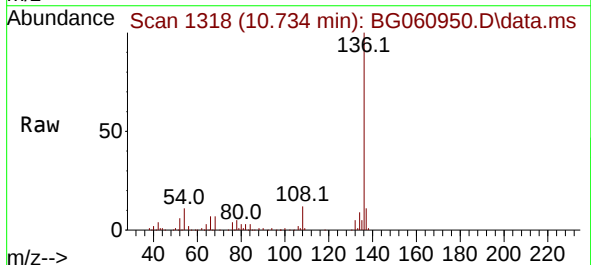
Instrument :
BNA_G
ClientSampleId :
SOIL

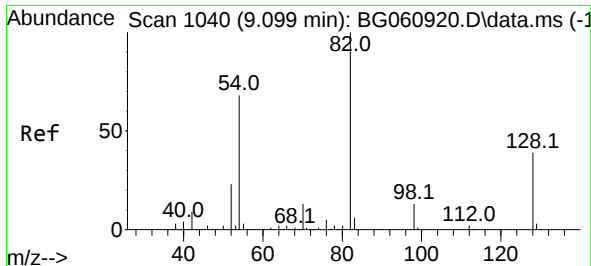
Tgt Ion: 99 Resp: 457420
Ion Ratio Lower Upper
99 100
42 26.3 22.2 33.2
71 38.3 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

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

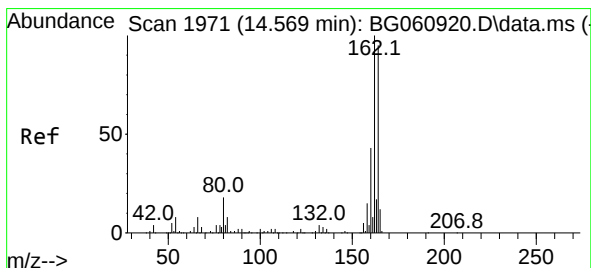
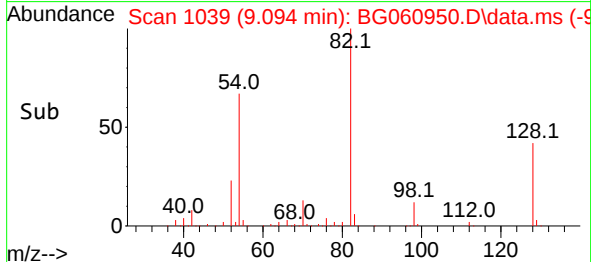
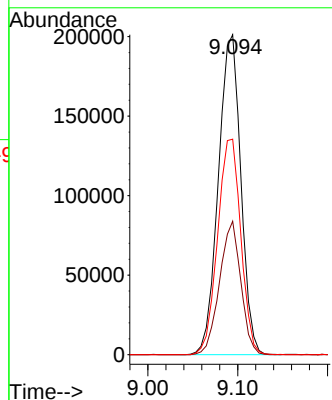
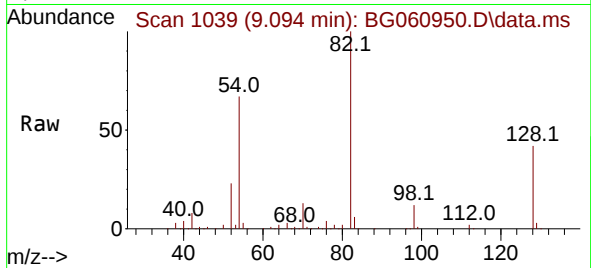




#23
Nitrobenzene-d5
Concen: 84.903 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

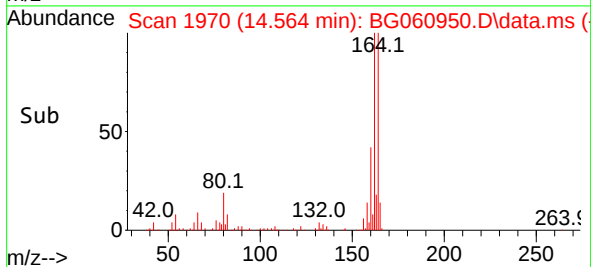
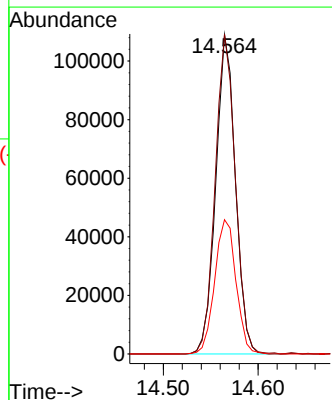
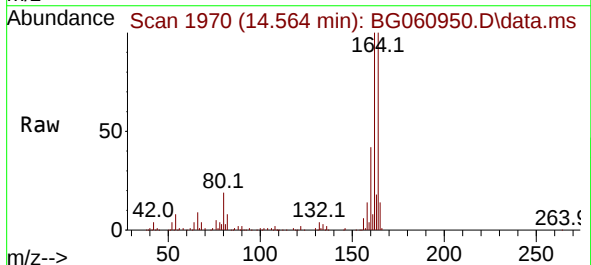
Instrument :
BNA_G
ClientSampleId :
SOIL

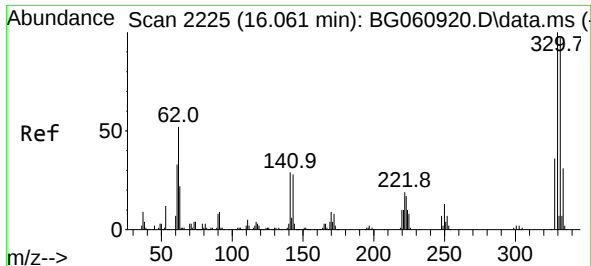
Tgt Ion: 82 Resp: 349412
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 67.3 54.2 81.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

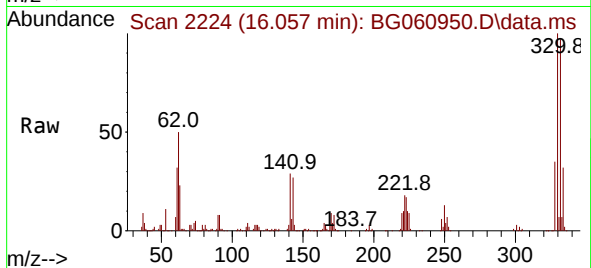
Tgt Ion:164 Resp: 156999
Ion Ratio Lower Upper
164 100
162 100.2 84.1 126.1
160 42.1 35.9 53.9



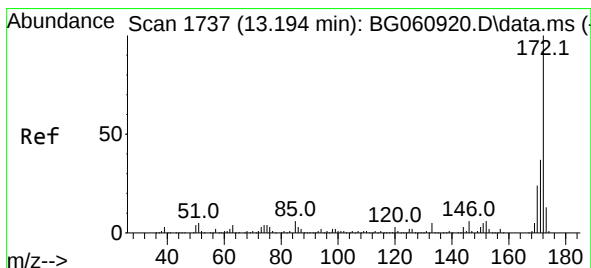
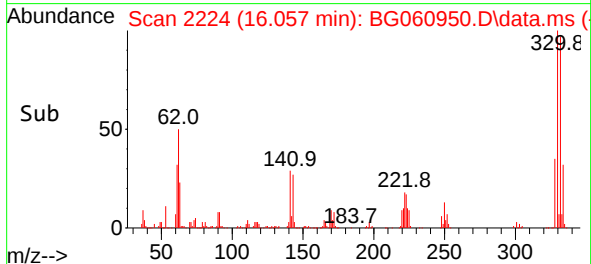
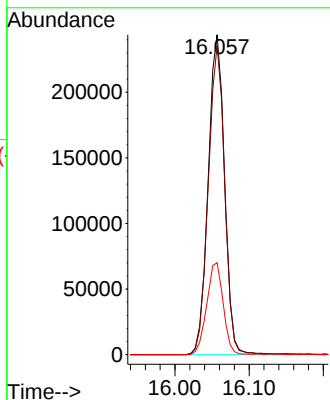


#42
2,4,6-Tribromophenol
Concen: 144.612 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

Instrument :
BNA_G
ClientSampleId :
SOIL

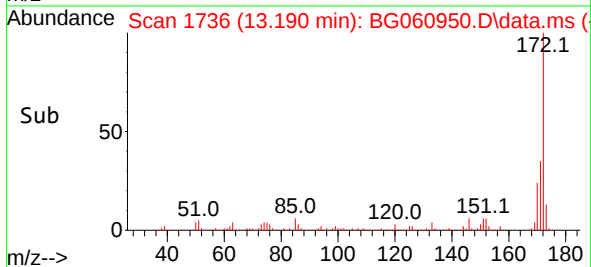
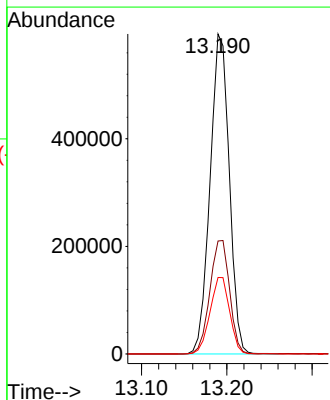
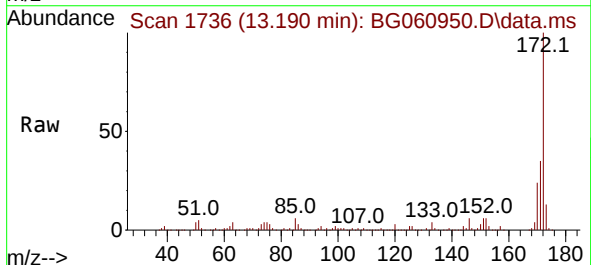


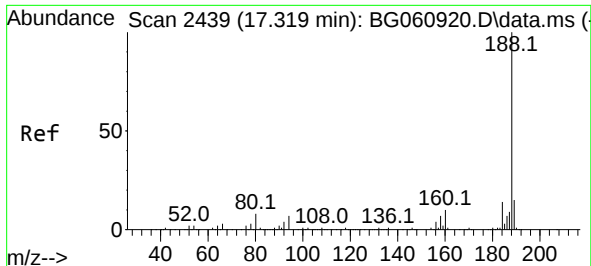
Tgt Ion:330 Resp: 375078
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 28.9 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 86.936 ng
RT: 13.190 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

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

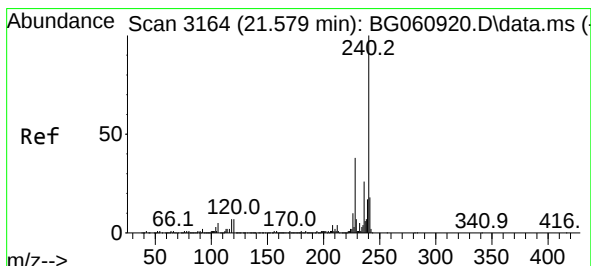
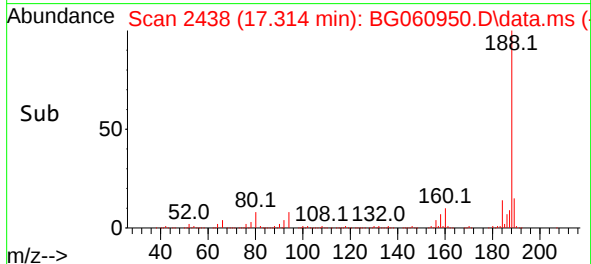
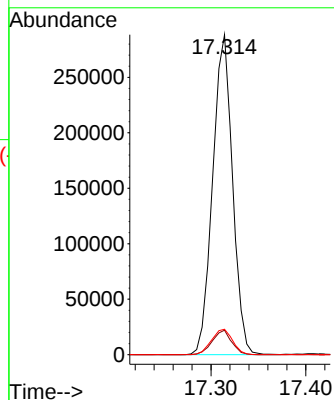
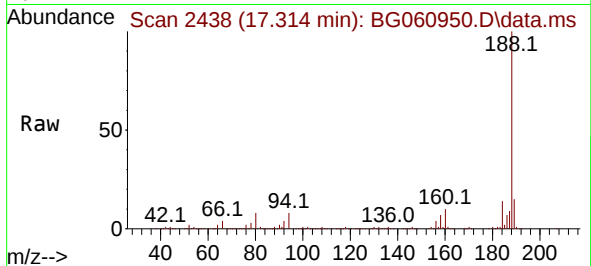




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG060950.D
Acq: 19 Apr 2024 00:43

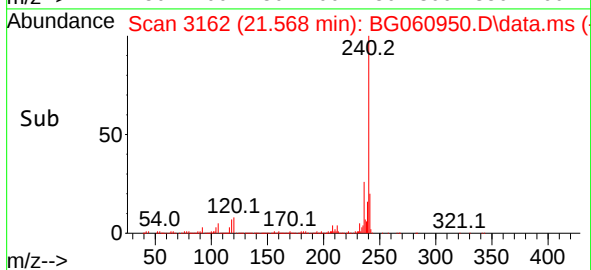
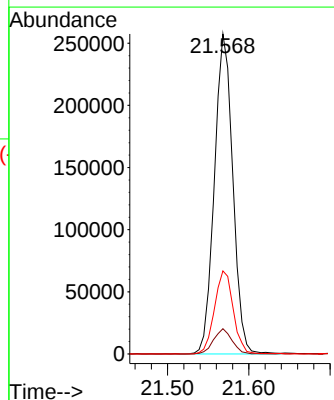
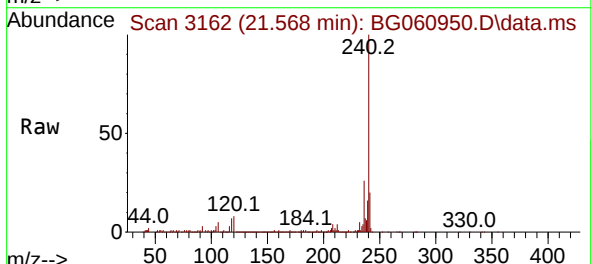
Instrument :
BNA_G
ClientSampleId :
SOIL

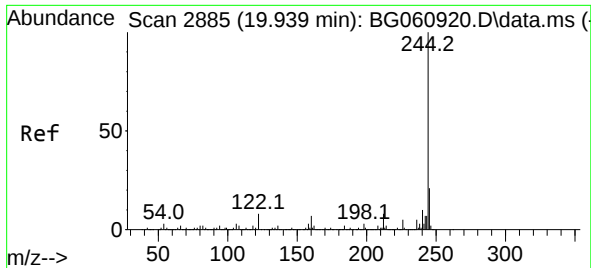
Tgt Ion:188 Resp: 419290
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.0 6.6 9.8



#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

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

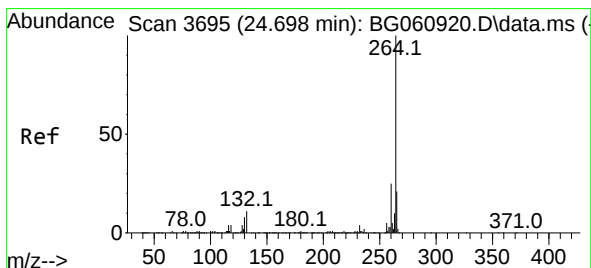
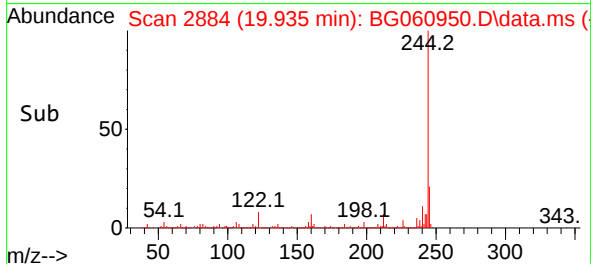
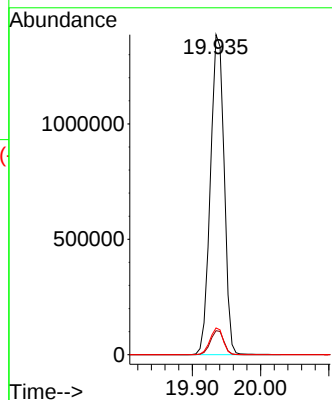
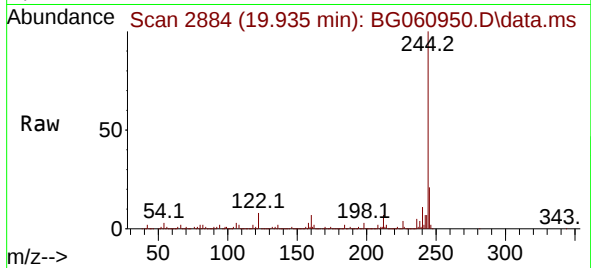




#79
 Terphenyl-d14
 Concen: 83.452 ng
 RT: 19.935 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060950.D
 Acq: 19 Apr 2024 00:43

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

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# 3693
 Delta R.T. -0.011 min
 Lab File: BG060950.D
 Acq: 19 Apr 2024 00:43

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

