

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057730.D
 Acq On : 15 Jun 2023 18:52
 Operator : CG/JU
 Sample : 03164-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-001

Quant Time: Jun 16 01:10:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	29006	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	116608	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	73943	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	176819	20.000	ng	0.00
76) Chrysene-d12	21.566	240	164224	20.000	ng	0.00
86) Perylene-d12	24.727	264	193259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	311130	174.657	ng	0.00
7) Phenol-d6	7.095	99	389310	142.259	ng	0.00
23) Nitrobenzene-d5	9.098	82	267545	132.627	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	170045	206.128	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	565404	113.979	ng	0.00
79) Terphenyl-d14	19.927	244	1020068	114.841	ng	0.00

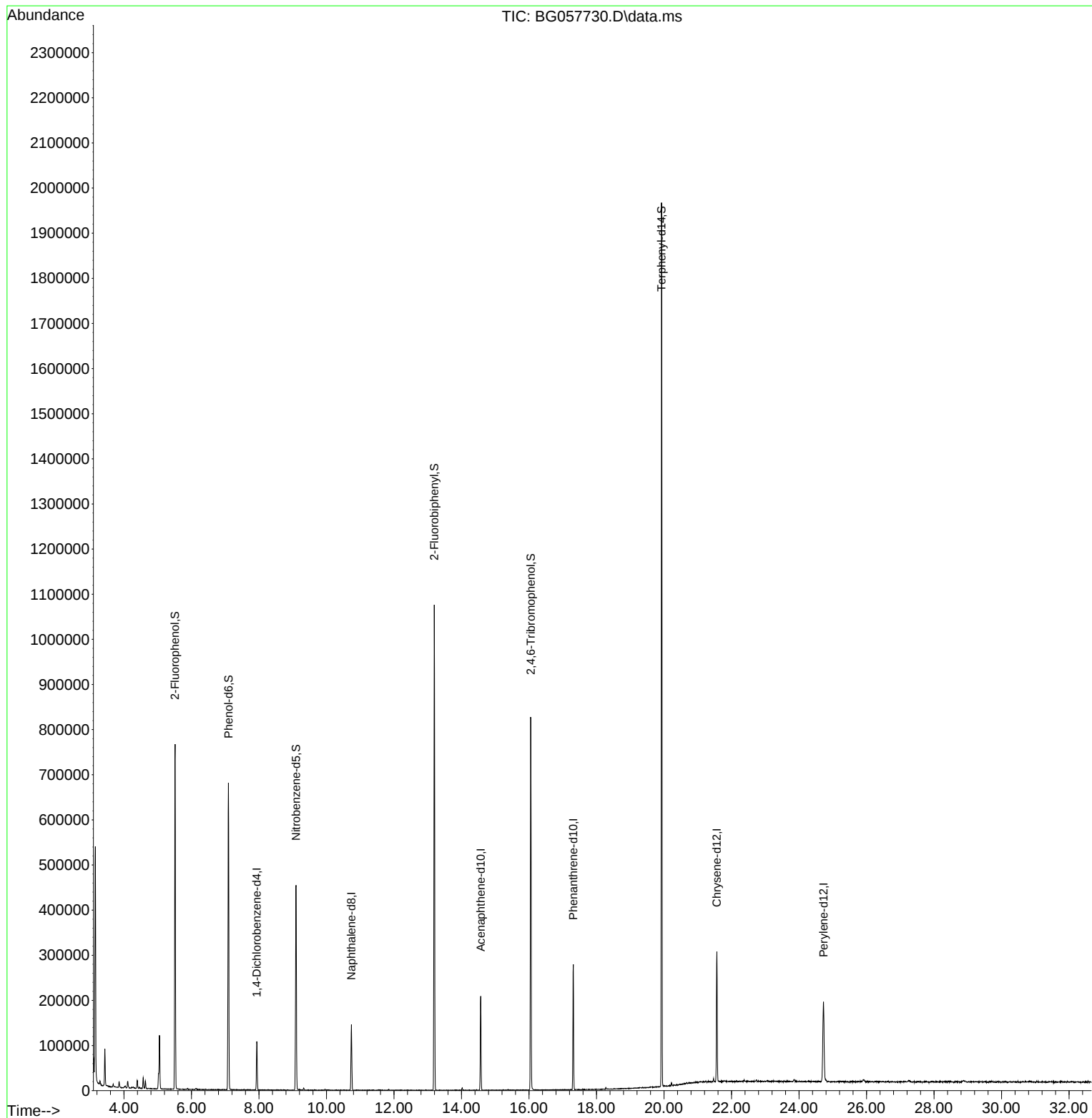
Target Compounds	Qvalue

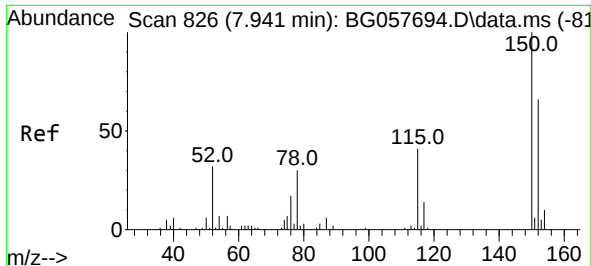
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057730.D
Acq On : 15 Jun 2023 18:52
Operator : CG/JU
Sample : 03164-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001

Quant Time: Jun 16 01:10:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:28:07 2023
Response via : Initial Calibration

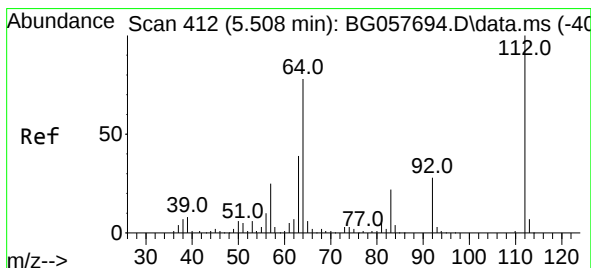
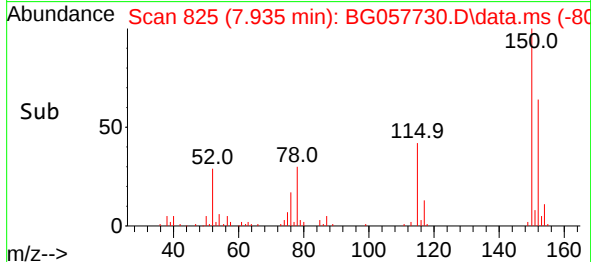
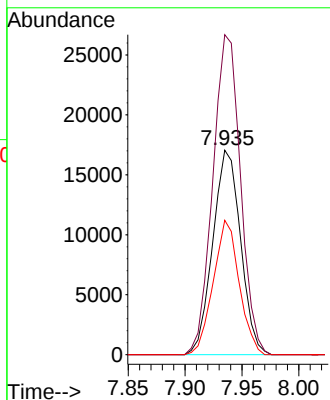
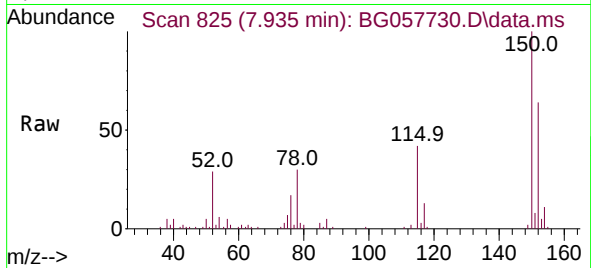




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

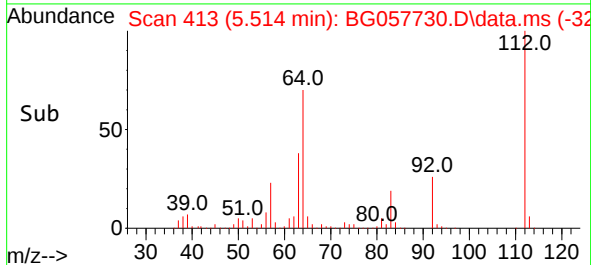
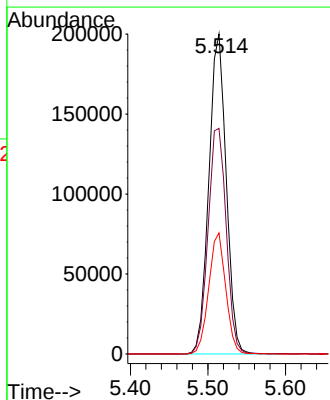
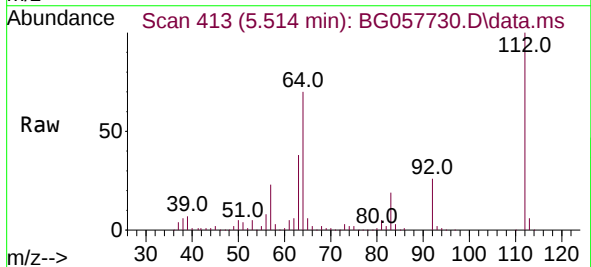
Instrument :
BNA_G
ClientSampleId :
SOIL-001

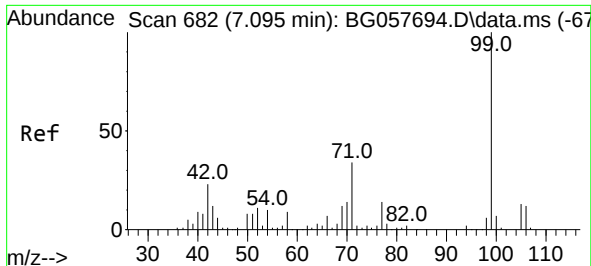
Tgt Ion:152 Resp: 29006
Ion Ratio Lower Upper
152 100
150 156.5 120.8 181.2
115 65.7 49.4 74.2



#5
2-Fluorophenol
Concen: 174.657 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.004 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

Tgt Ion:112 Resp: 311130
Ion Ratio Lower Upper
112 100
64 70.5 62.3 93.5
63 37.9 31.5 47.3

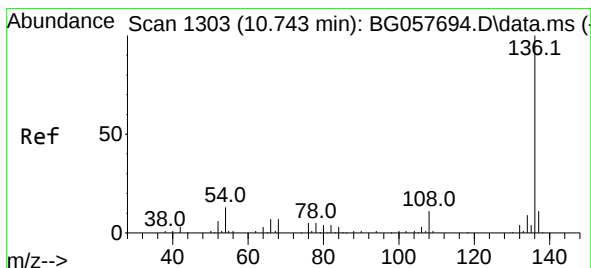
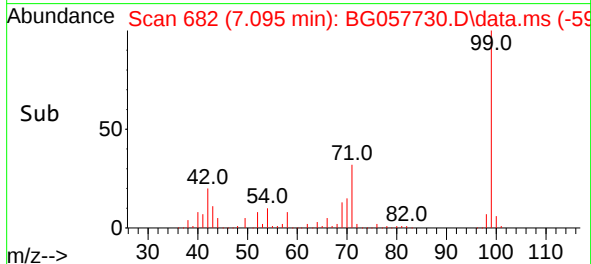
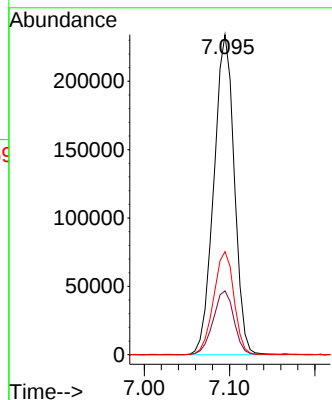
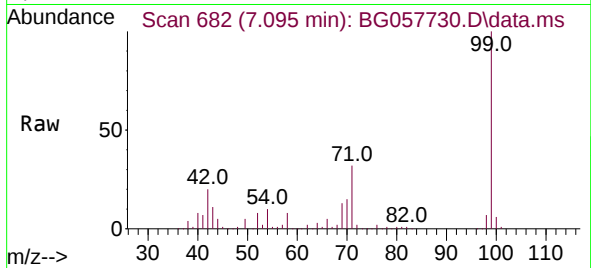




#7
Phenol-d6
Concen: 142.259 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

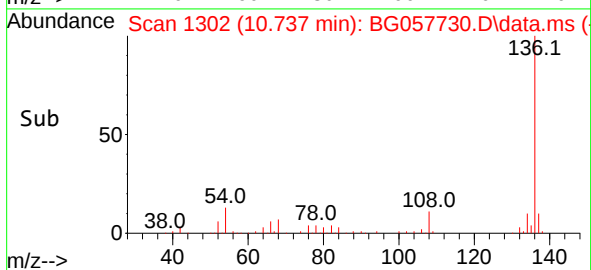
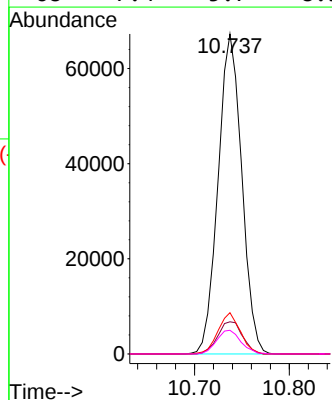
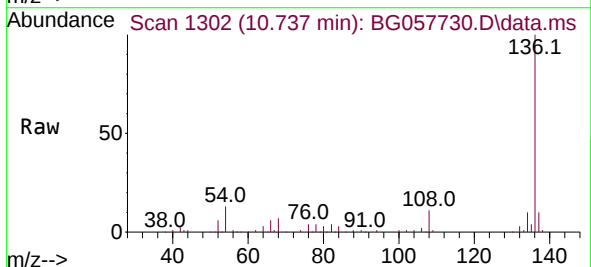
Instrument :
BNA_G
ClientSampleId :
SOIL-001

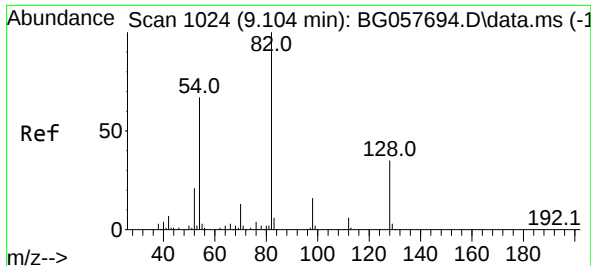
Tgt Ion: 99 Resp: 389310
Ion Ratio Lower Upper
99 100
42 20.0 18.3 27.5
71 32.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

Tgt Ion: 136 Resp: 116608
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 12.9 10.8 16.2
68 7.4 5.7 8.5

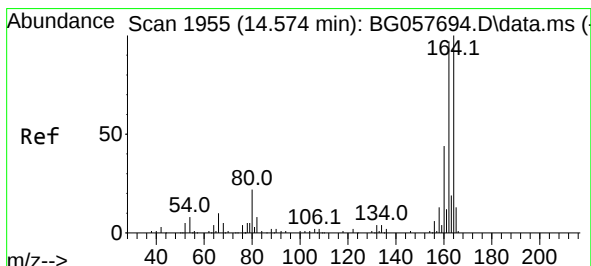
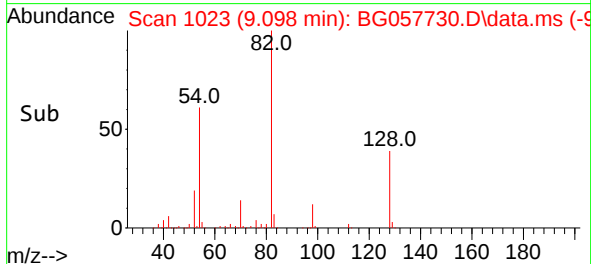
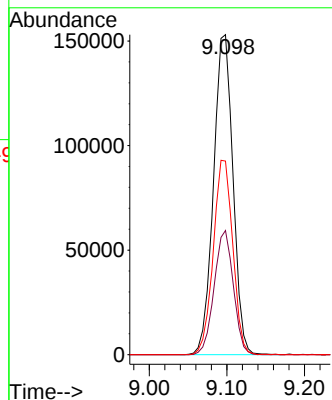
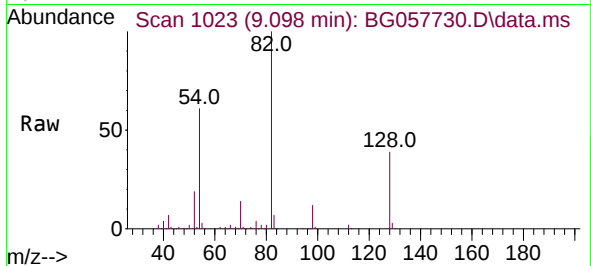




#23
Nitrobenzene-d5
Concen: 132.627 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.001 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

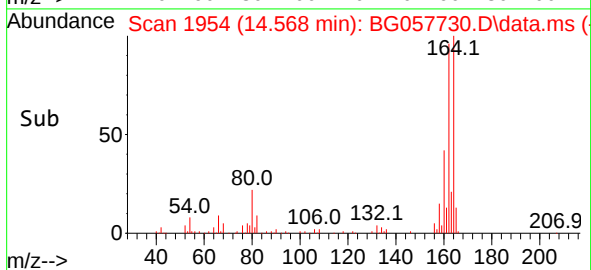
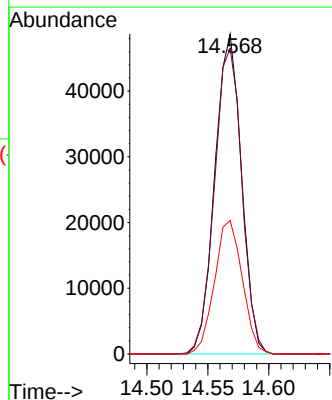
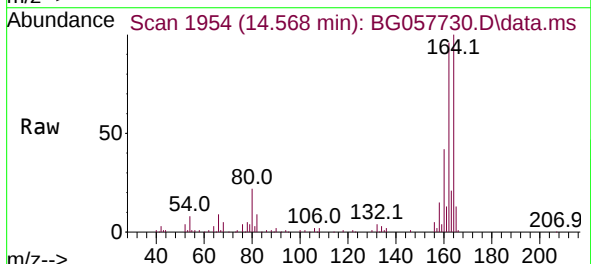
Instrument :
BNA_G
ClientSampleId :
SOIL-001

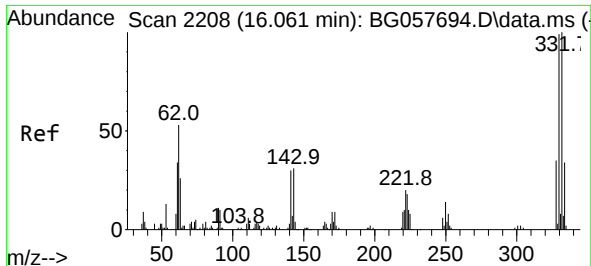
Tgt Ion: 82 Resp: 267545
Ion Ratio Lower Upper
82 100
128 38.8 27.7 41.5
54 60.5 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

Tgt Ion: 164 Resp: 73943
Ion Ratio Lower Upper
164 100
162 95.5 77.7 116.5
160 41.8 35.1 52.7

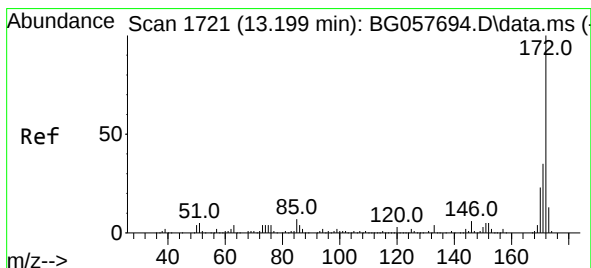
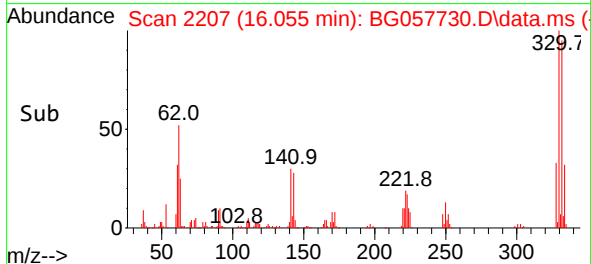
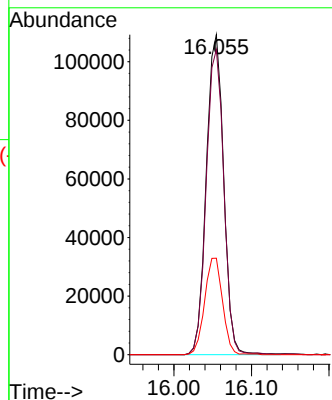
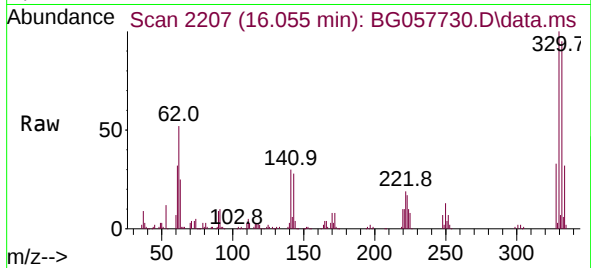




#42
2,4,6-Tribromophenol
Concen: 206.128 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

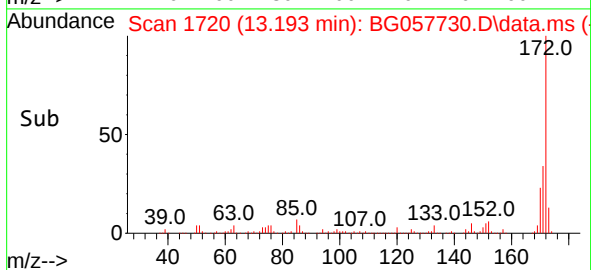
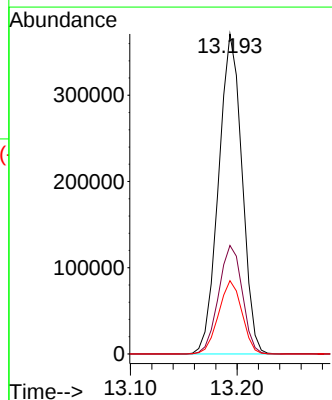
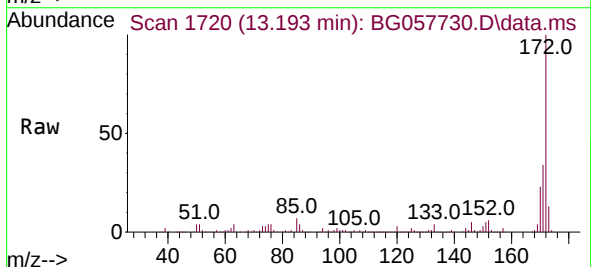
Instrument :
BNA_G
ClientSampleId :
SOIL-001

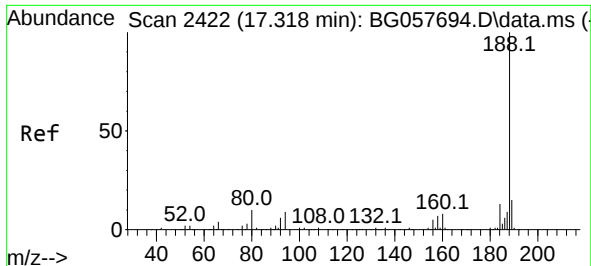
Tgt Ion:330 Resp: 170045
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.6
141 31.1 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 113.979 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

Tgt Ion:172 Resp: 565404
Ion Ratio Lower Upper
172 100
171 33.9 27.9 41.9
170 22.9 18.2 27.4

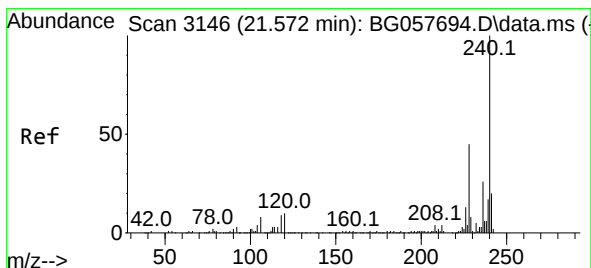
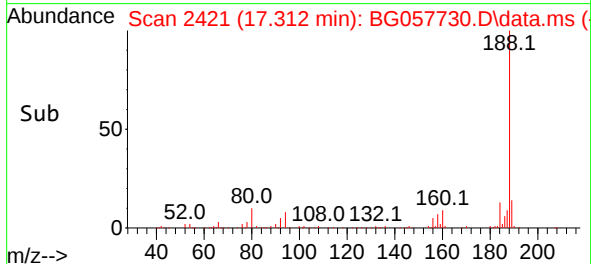
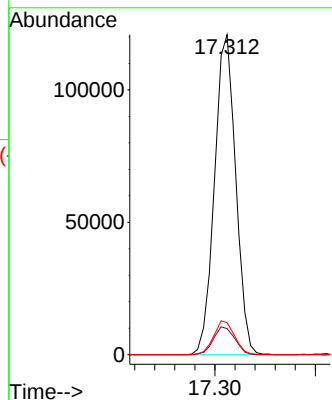
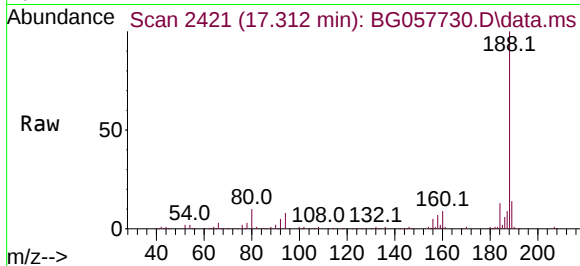




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

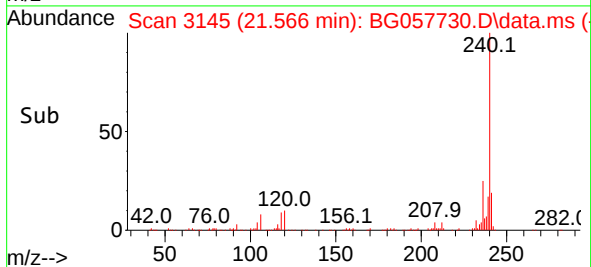
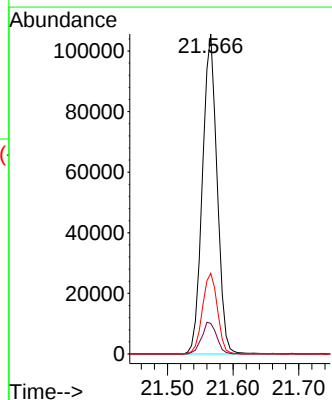
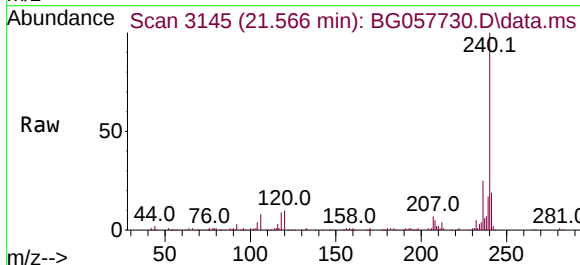
Instrument :
BNA_G
ClientSampleId :
SOIL-001

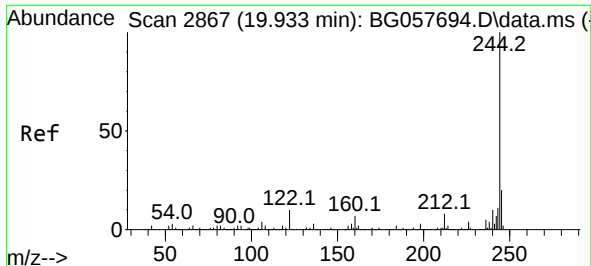
Tgt Ion:188 Resp: 176819
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057730.D
Acq: 15 Jun 2023 18:52

Tgt Ion:240 Resp: 164224
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.2 20.7 31.1

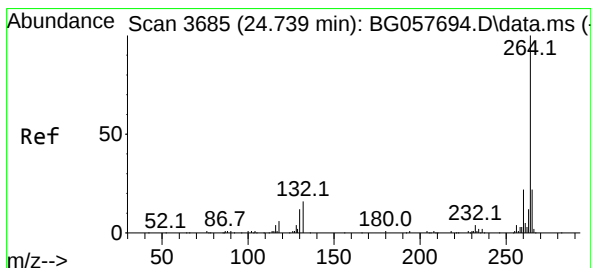
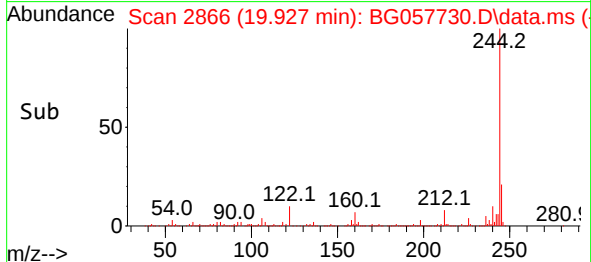
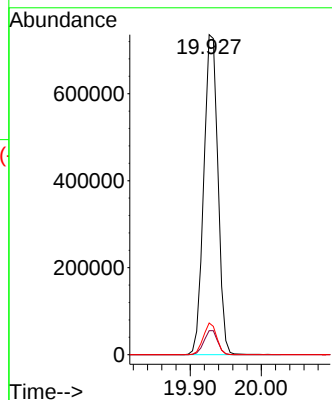
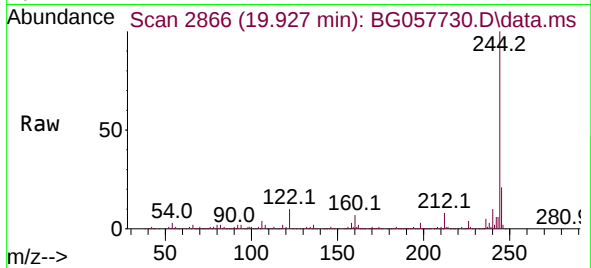




#79
 Terphenyl-d14
 Concen: 114.841 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057730.D
 Acq: 15 Jun 2023 18:52

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-001

Tgt Ion:244 Resp: 1020068
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3683
 Delta R.T. -0.007 min
 Lab File: BG057730.D
 Acq: 15 Jun 2023 18:52

Tgt Ion:264 Resp: 193259
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.3 25.9
 265 21.7 17.5 26.3

