

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057568.D
 Acq On : 25 May 2023 21:58
 Operator : CG/JU
 Sample : 02941-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-TOPSOIL-001

Quant Time: May 26 03:02:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	21566	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	87671	20.000	ng	0.00
39) Acenaphthene-d10	14.964	164	66187	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	157621	20.000	ng	0.00
76) Chrysene-d12	22.013	240	136965	20.000	ng	0.00
86) Perylene-d12	25.514	264	146840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	127704	101.295	ng	0.00
7) Phenol-d6	7.497	99	192910	100.765	ng	0.00
23) Nitrobenzene-d5	9.530	82	120781	57.821	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	93417	99.472	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	272048	55.357	ng	0.00
79) Terphenyl-d14	20.274	244	472719	56.324	ng	0.00

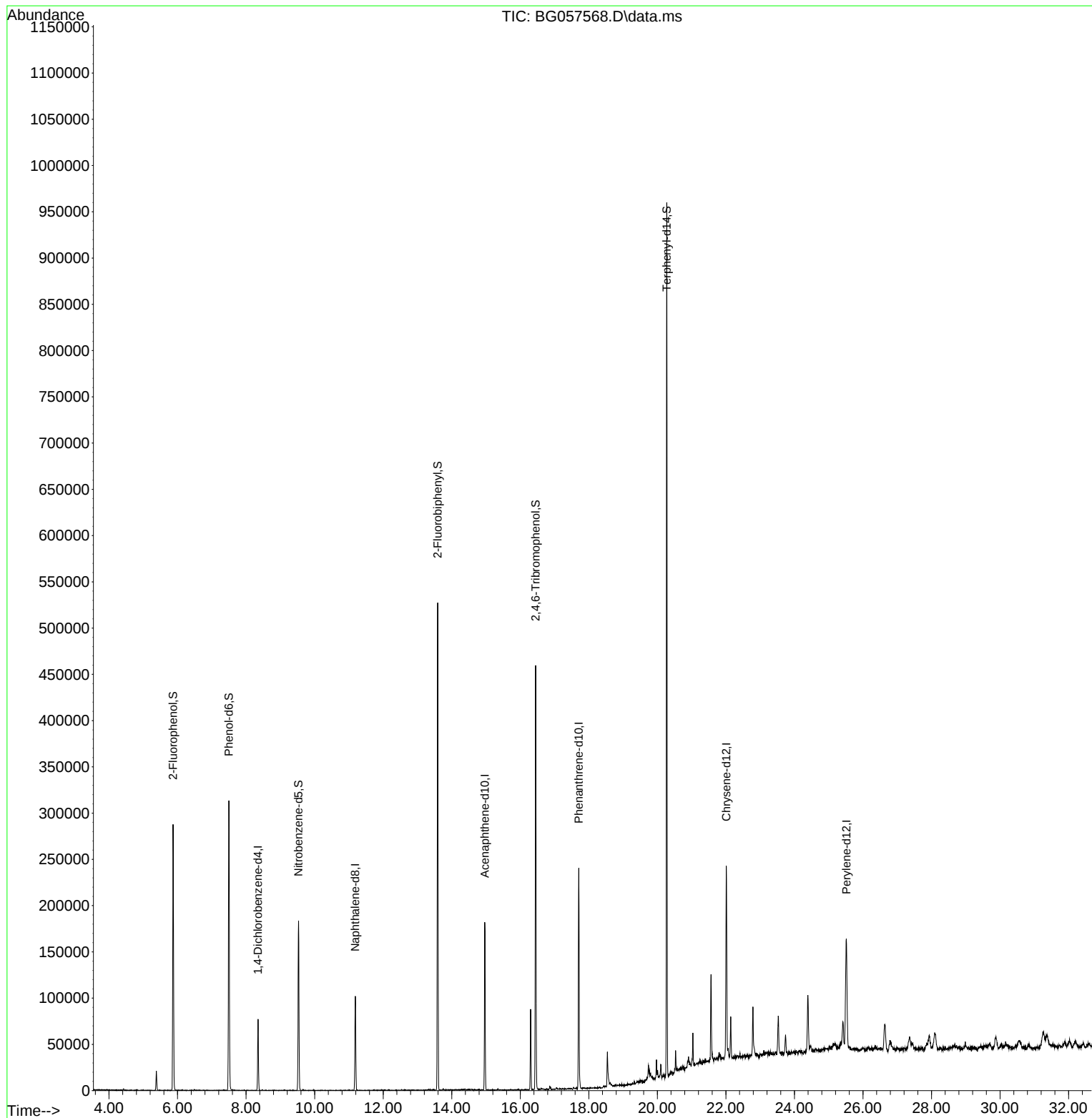
Target Compounds	Qvalue

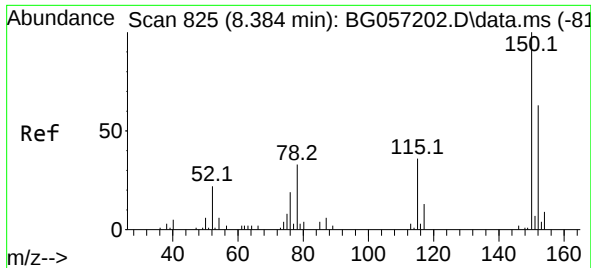
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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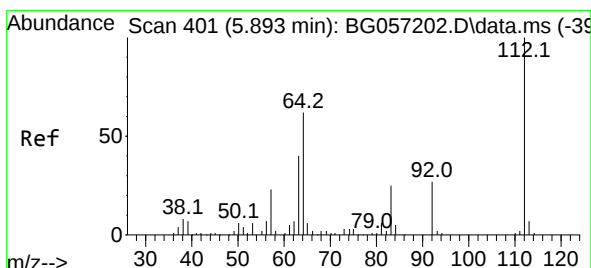
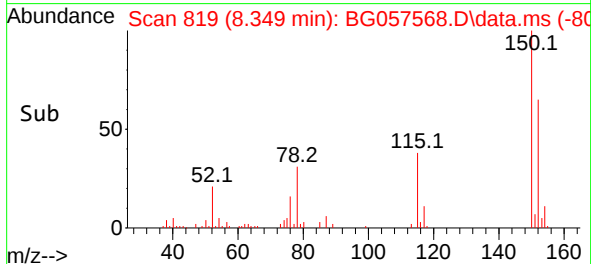
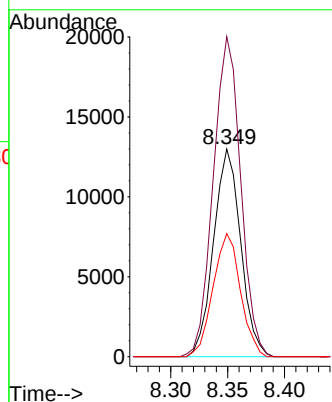
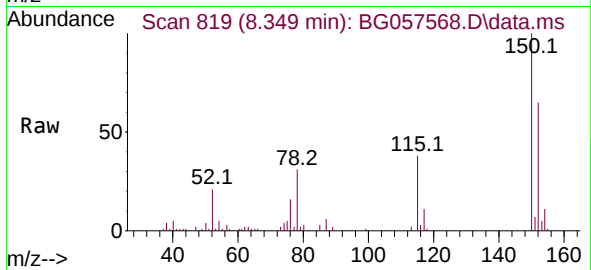




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

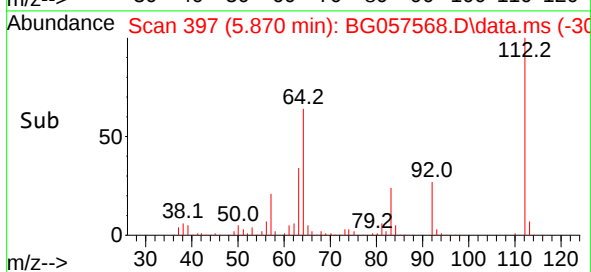
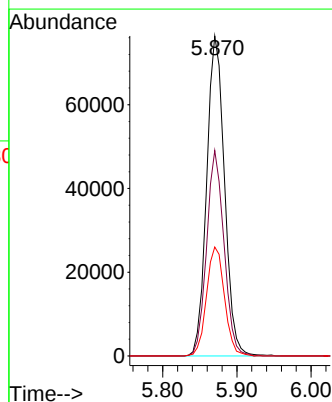
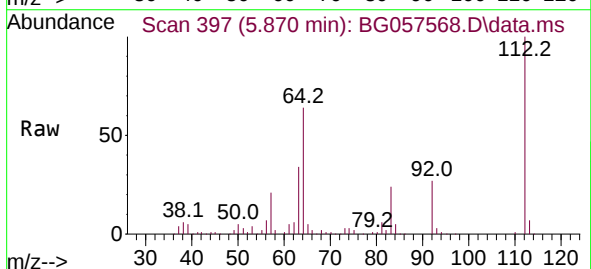
Instrument :
BNA_G
ClientSampleId :
EME-TOPSOIL-001

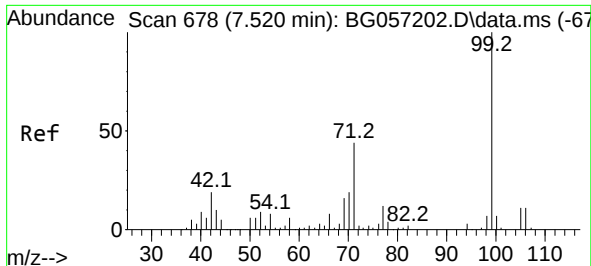
Tgt Ion:152 Resp: 21566
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.4
115 59.2 45.0 67.4



#5
2-Fluorophenol
Concen: 101.295 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

Tgt Ion:112 Resp: 127704
Ion Ratio Lower Upper
112 100
64 64.2 49.4 74.2
63 34.1 31.6 47.4

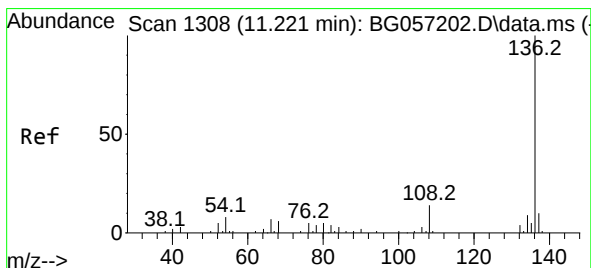
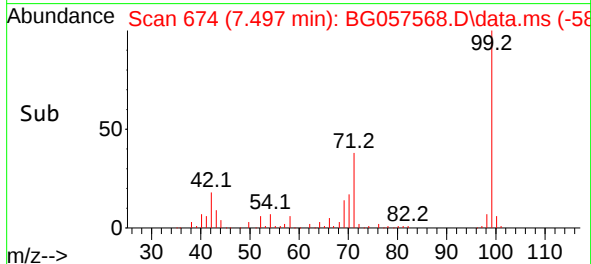
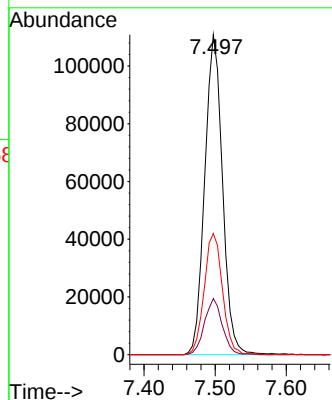
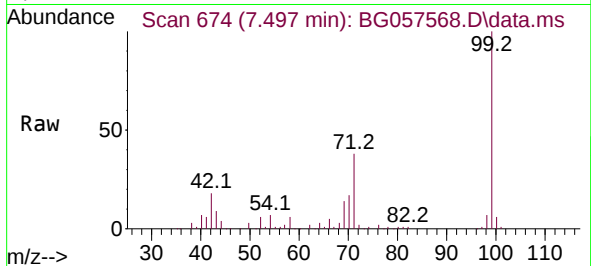




#7
Phenol-d6
Concen: 100.765 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

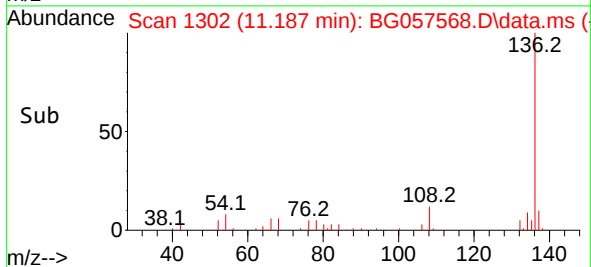
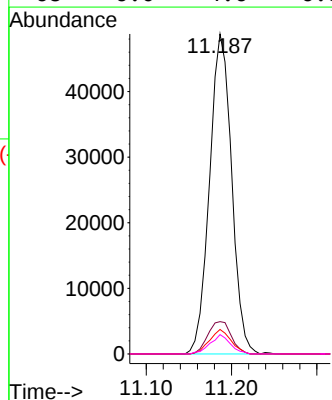
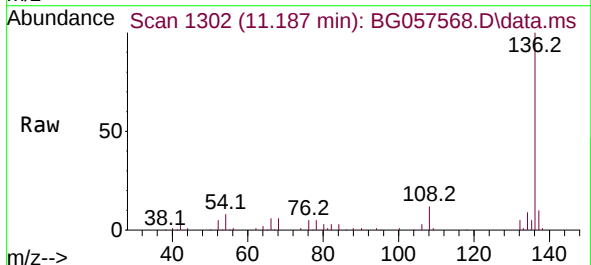
Instrument :
BNA_G
ClientSampleId :
EME-TOPSOIL-001

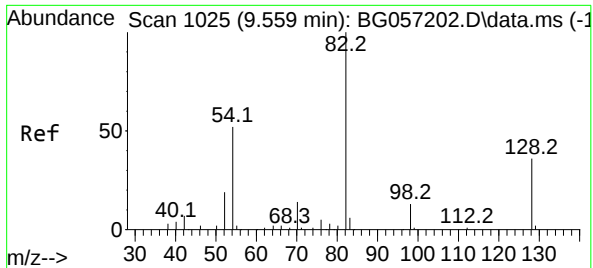
Tgt Ion: 99 Resp: 192910
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 37.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 1302
Delta R.T. -0.008 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

Tgt Ion: 136 Resp: 87671
Ion Ratio Lower Upper
136 100
137 10.1 8.3 12.5
54 7.6 6.7 10.1
68 6.0 4.6 6.8

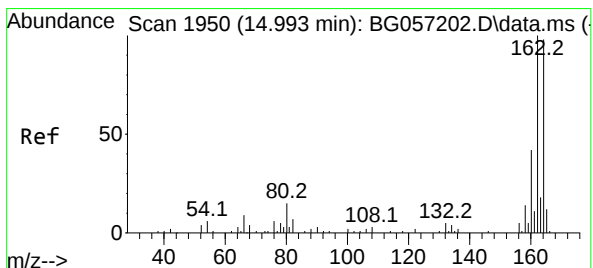
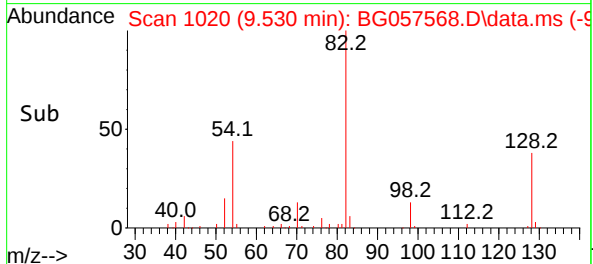
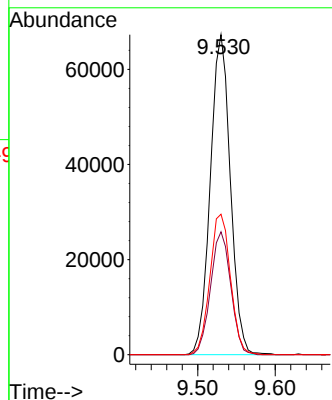
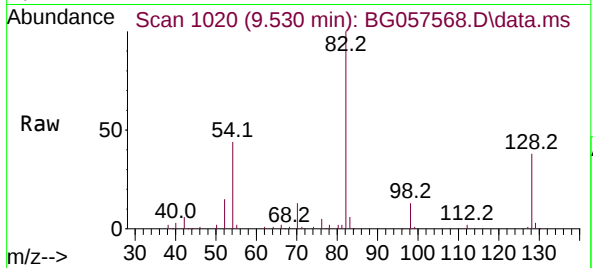




#23
Nitrobenzene-d5
Concen: 57.821 ng
RT: 9.530 min Scan# 1025
Delta R.T. -0.008 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

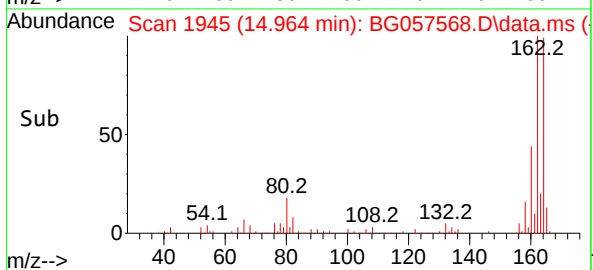
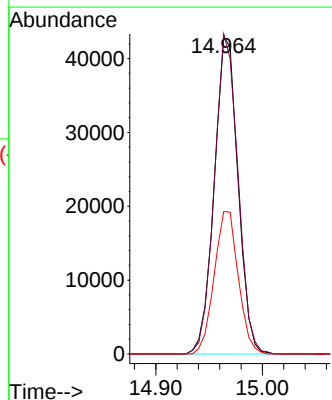
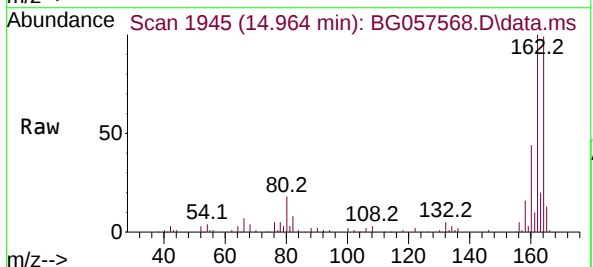
Instrument :
BNA_G
ClientSampleId :
EME-TOPSOIL-001

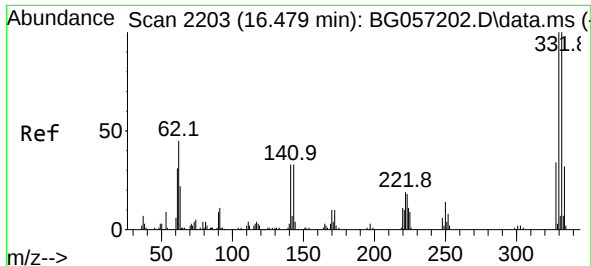
Tgt Ion: 82 Resp: 120781
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.4
54 43.9 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.964 min Scan# 1945
Delta R.T. -0.008 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

Tgt Ion:164 Resp: 66187
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 44.8 34.6 52.0

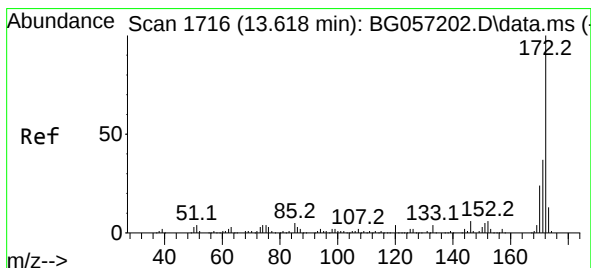
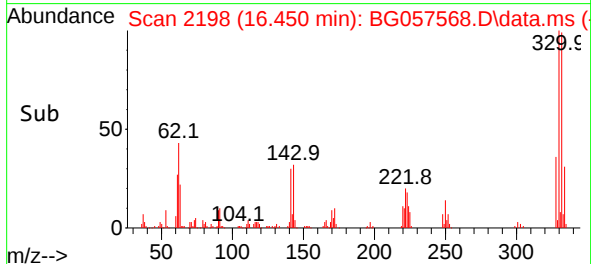
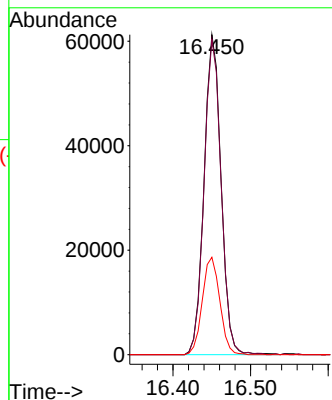
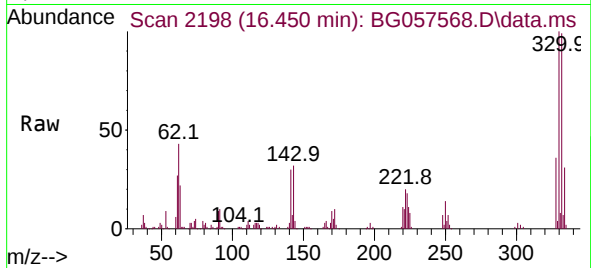




#42
2,4,6-Tribromophenol
Concen: 99.472 ng
RT: 16.450 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

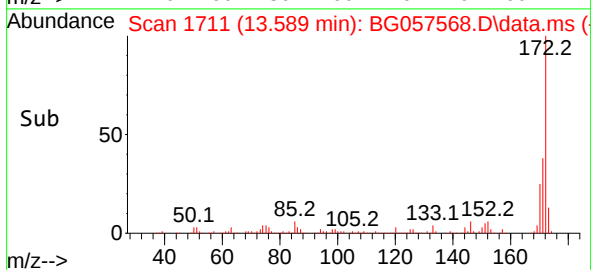
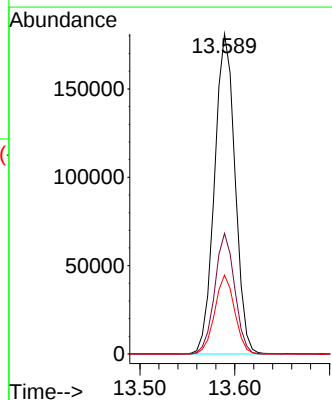
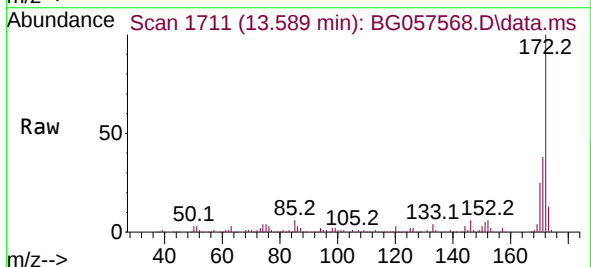
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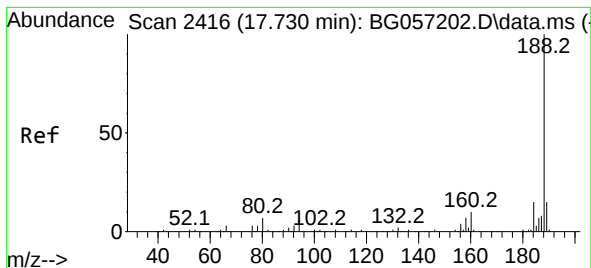
Tgt Ion:330 Resp: 93417
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.2
141 31.2 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 55.357 ng
RT: 13.589 min Scan# 1711
Delta R.T. -0.008 min
Lab File: BG057568.D
Acq: 25 May 2023 21:58

Tgt Ion:172 Resp: 272048
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 24.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2416

Delta R.T. -0.002 min

Lab File: BG057568.D

Acq: 25 May 2023 21:58

Instrument :

BNA_G

ClientSampleId :

EME-TOPSOIL-001

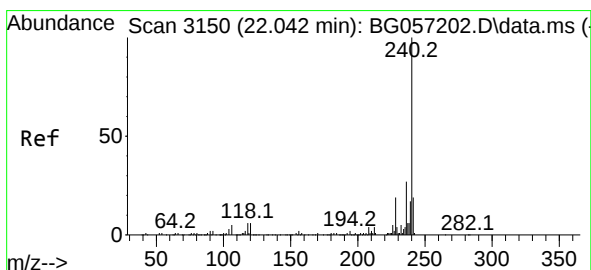
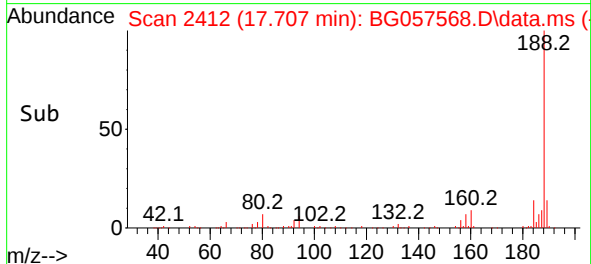
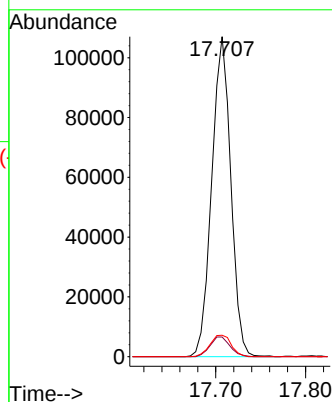
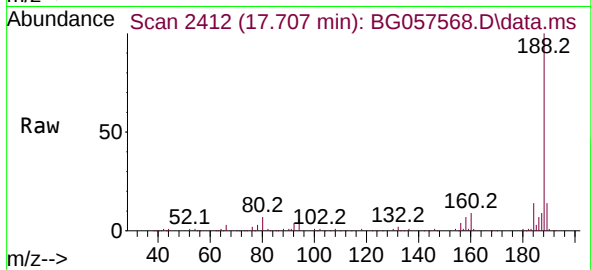
Tgt Ion:188 Resp: 157621

Ion Ratio Lower Upper

188 100

94 6.2 5.1 7.7

80 6.7 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3145

Delta R.T. -0.008 min

Lab File: BG057568.D

Acq: 25 May 2023 21:58

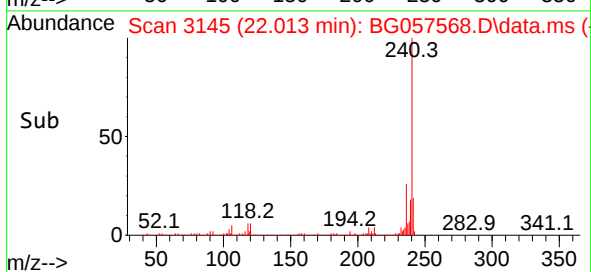
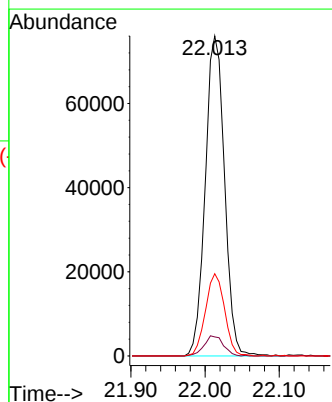
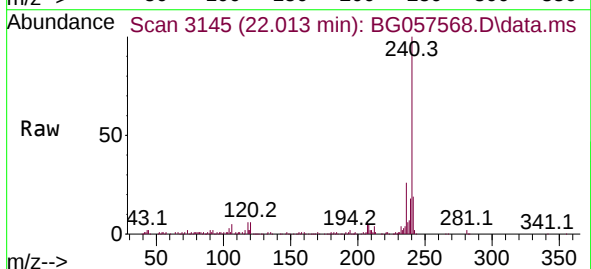
Tgt Ion:240 Resp: 136965

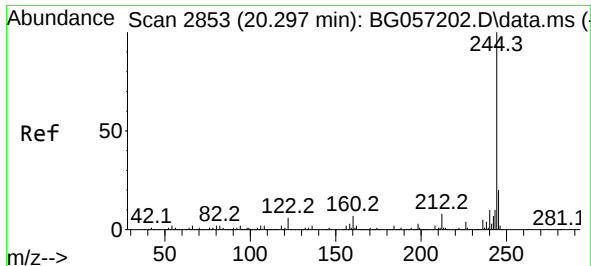
Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

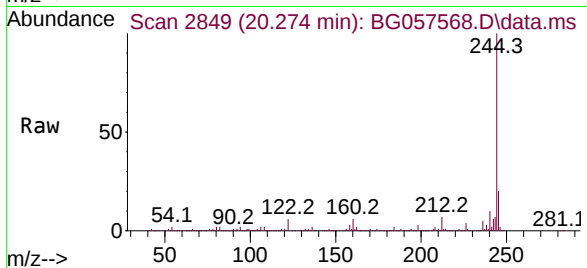
236 25.7 21.4 32.2



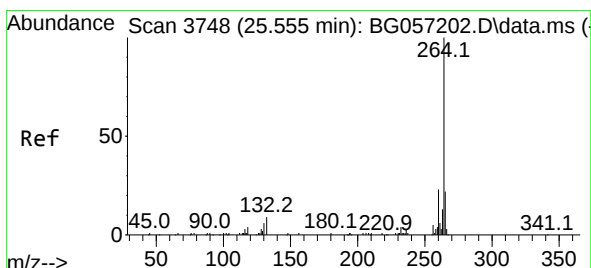
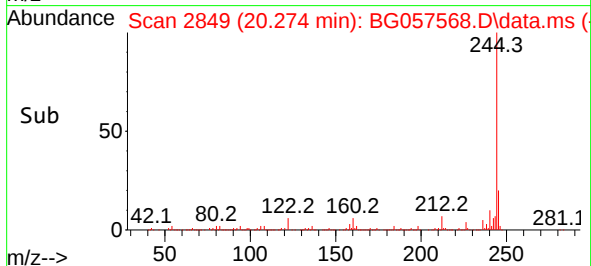
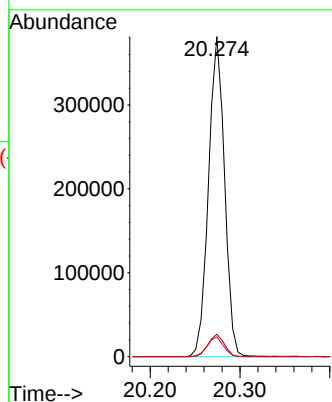


#79
 Terphenyl-d14
 Concen: 56.324 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057568.D
 Acq: 25 May 2023 21:58

Instrument :
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 EME-TOPSOIL-001



Tgt Ion:244 Resp: 472719
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.2 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.514 min Scan# 3741
 Delta R.T. -0.008 min
 Lab File: BG057568.D
 Acq: 25 May 2023 21:58

Tgt Ion:264 Resp: 146840
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.6 17.9 26.9

