

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057711.D
 Acq On : 14 Jun 2023 17:15
 Operator : CG/JU
 Sample : 03141-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMC-EME-Topsoil-001

Quant Time: Jun 15 01:22:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	51296	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	214687	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	129796	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	270449	20.000	ng	0.00
76) Chrysene-d12	21.572	240	215667	20.000	ng	0.00
86) Perylene-d12	24.733	264	255632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	217899	69.168	ng	0.00
7) Phenol-d6	7.095	99	305042	63.030	ng	0.00
23) Nitrobenzene-d5	9.098	82	166778	54.509	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	97235	67.148	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	370160	42.510	ng	0.00
79) Terphenyl-d14	19.933	244	431553	36.996	ng	0.00

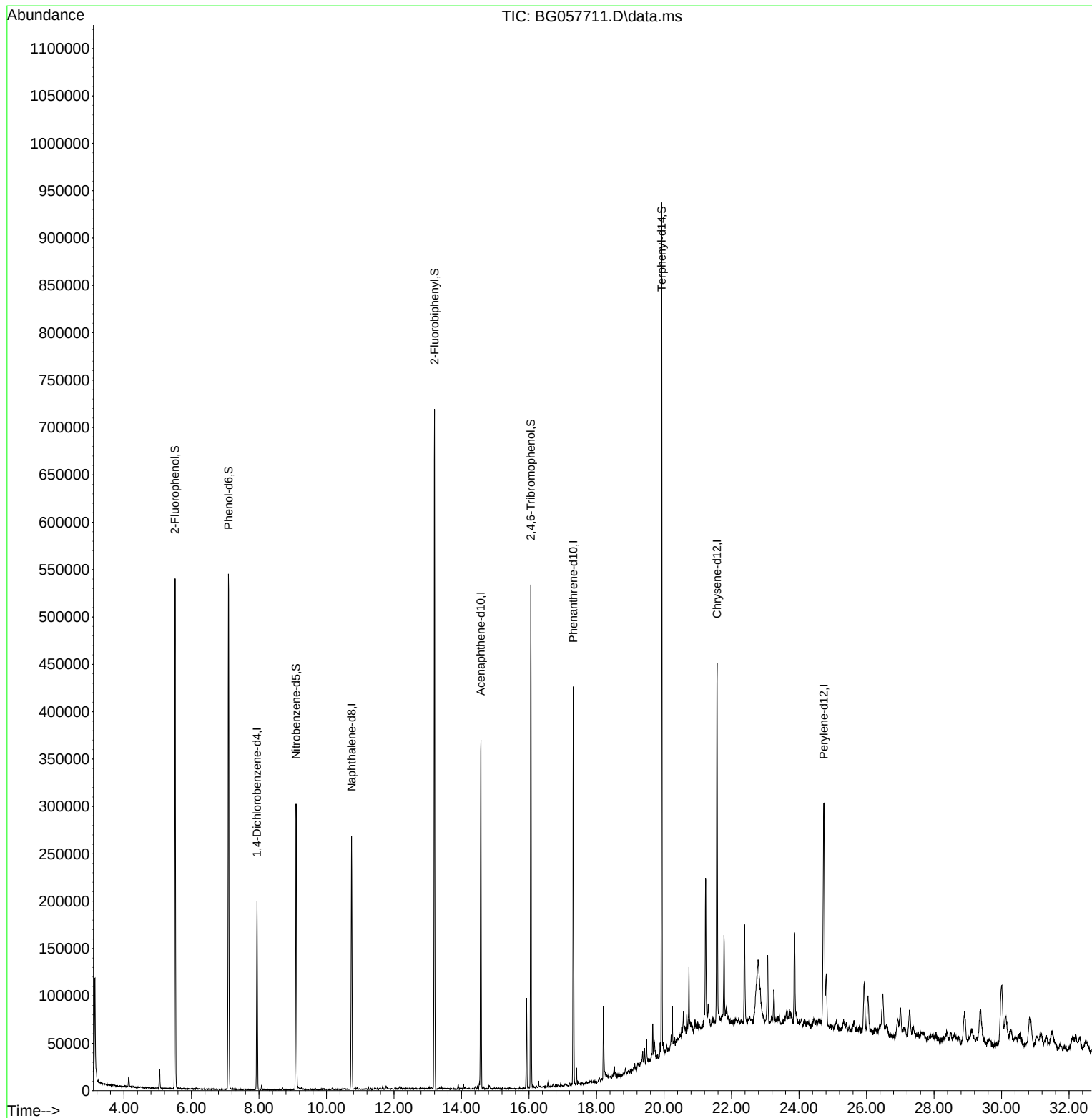
Target Compounds	Qvalue

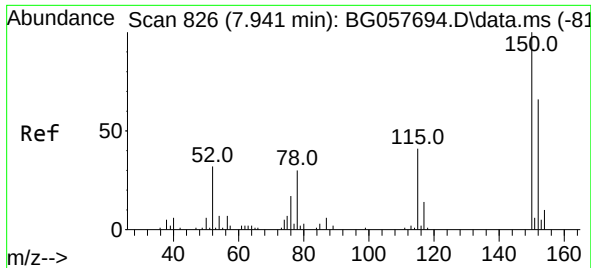
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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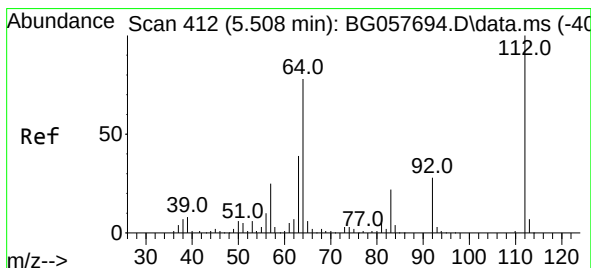
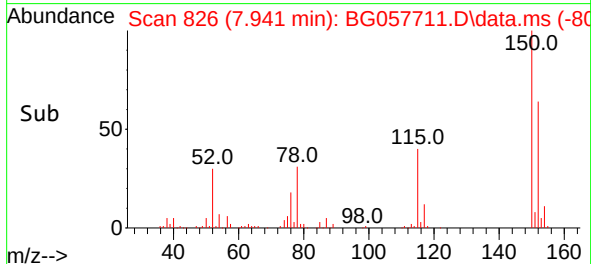
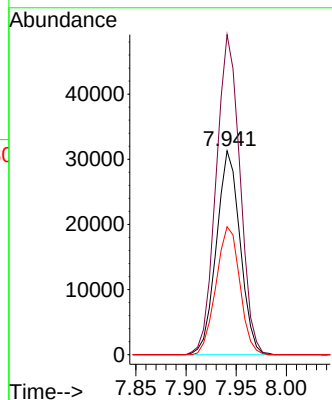
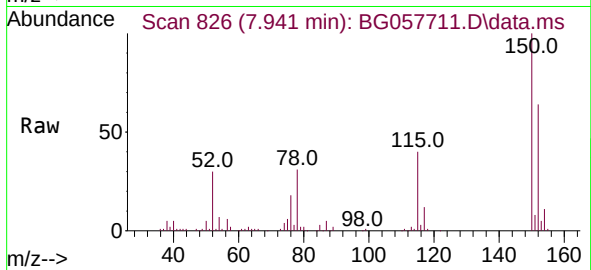




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

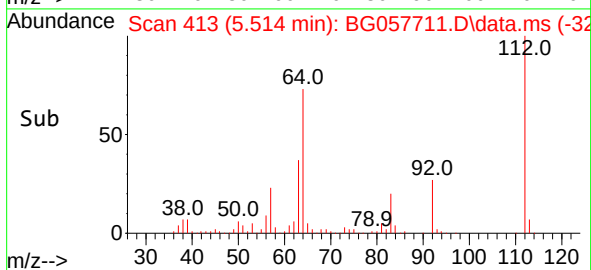
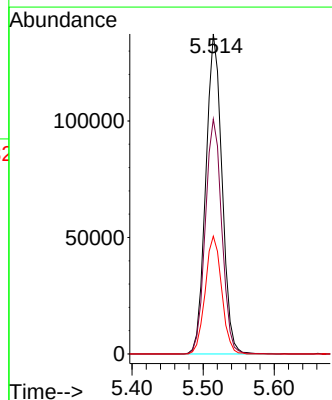
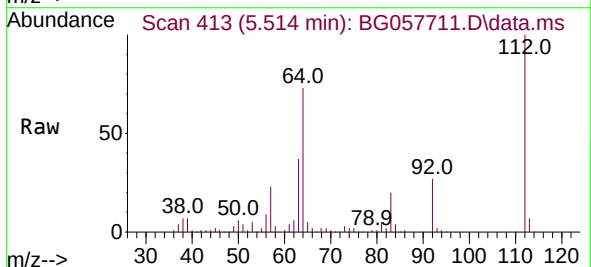
Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-001

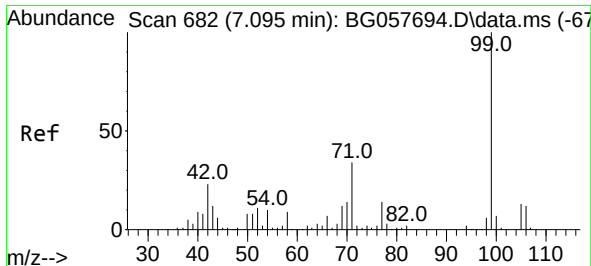
Tgt Ion:152 Resp: 51296
Ion Ratio Lower Upper
152 100
150 156.9 120.8 181.2
115 62.7 49.4 74.2



#5
2-Fluorophenol
Concen: 69.168 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

Tgt Ion:112 Resp: 217899
Ion Ratio Lower Upper
112 100
64 73.4 62.3 93.5
63 36.8 31.5 47.3

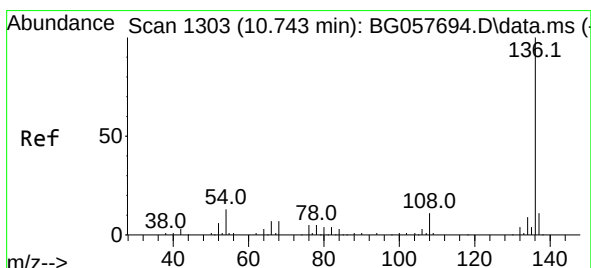
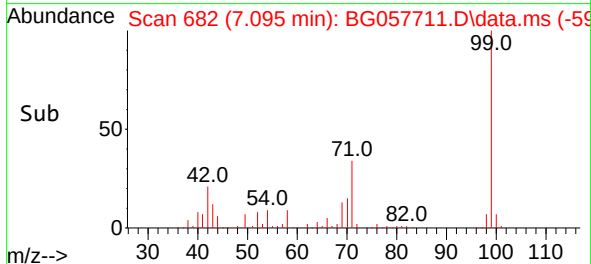
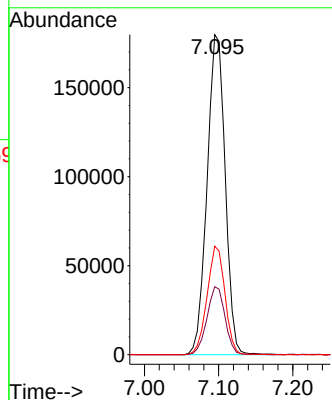
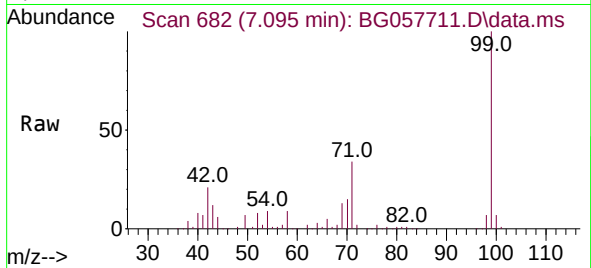




#7
Phenol-d6
Concen: 63.030 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

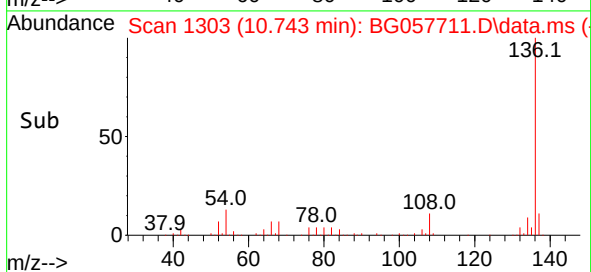
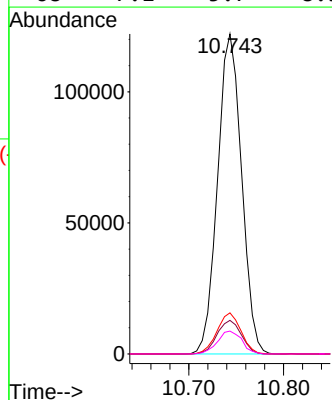
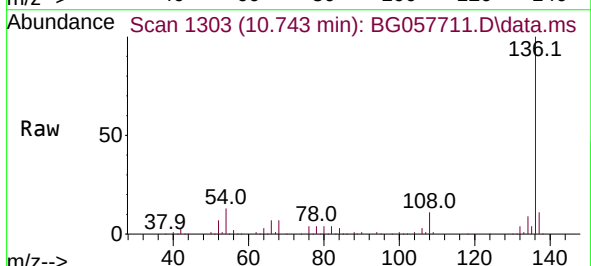
Instrument :
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ClientSampleId :
CMC-EME-Topsoil-001

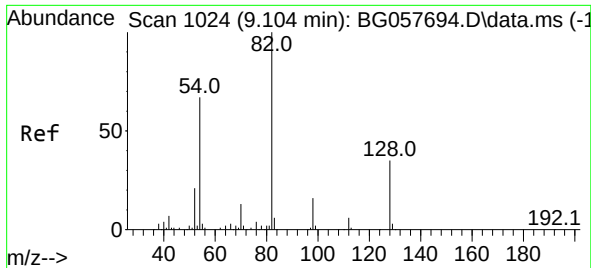
Tgt Ion: 99 Resp: 305042
Ion Ratio Lower Upper
99 100
42 21.2 18.3 27.5
71 33.9 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

Tgt Ion:136 Resp: 214687
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 12.8 10.8 16.2
68 7.1 5.7 8.5

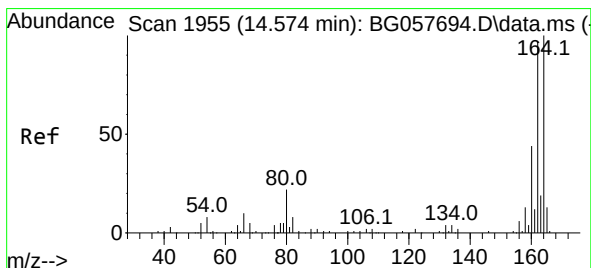
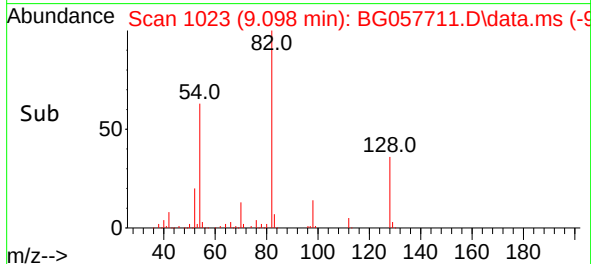
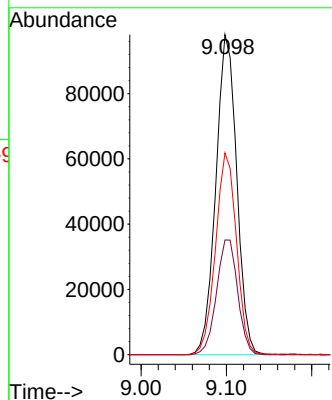
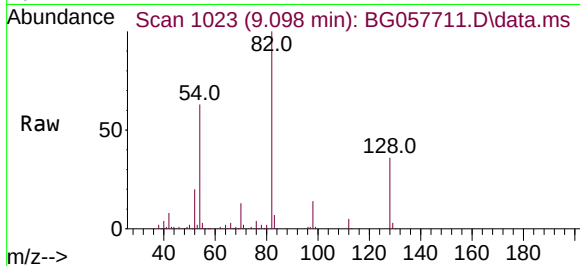




#23
Nitrobenzene-d5
Concen: 54.509 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

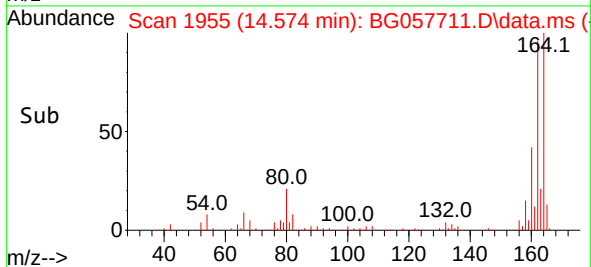
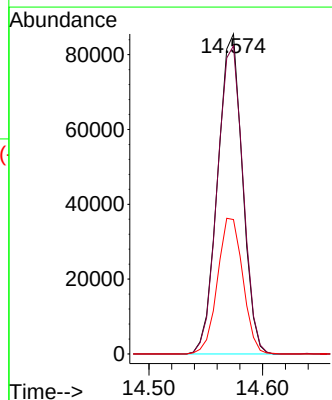
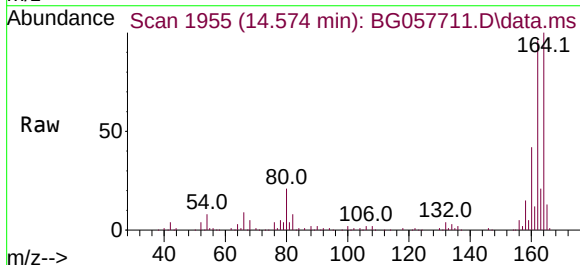
Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-001

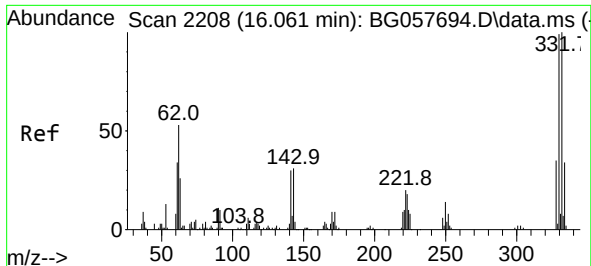
Tgt Ion: 82 Resp: 166778
Ion Ratio Lower Upper
82 100
128 35.9 27.7 41.5
54 63.0 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

Tgt Ion: 164 Resp: 129796
Ion Ratio Lower Upper
164 100
162 96.3 77.7 116.5
160 42.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 67.148 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057711.D

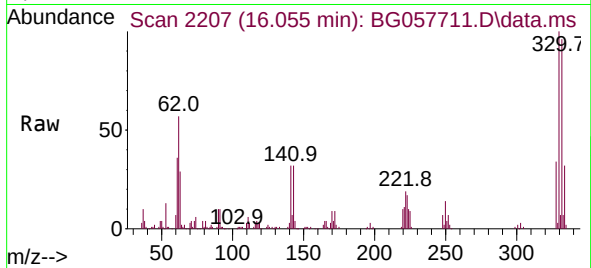
Acq: 14 Jun 2023 17:15

Instrument :

BNA_G

ClientSampleId :

CMC-EME-Topsoil-001



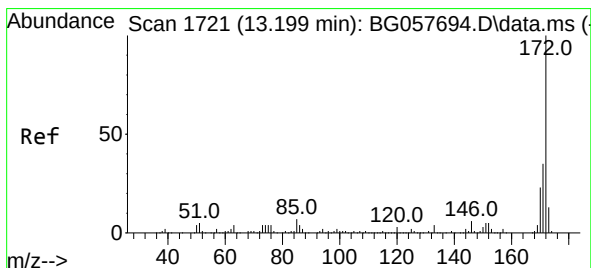
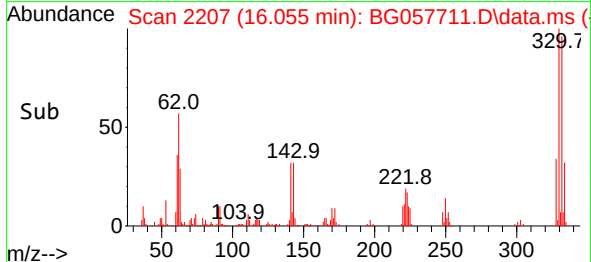
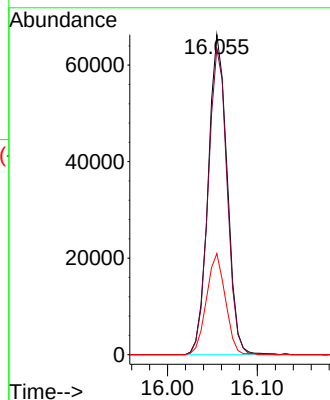
Tgt Ion:330 Resp: 97235

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.6

141 31.5 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 42.510 ng

RT: 13.199 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BG057711.D

Acq: 14 Jun 2023 17:15

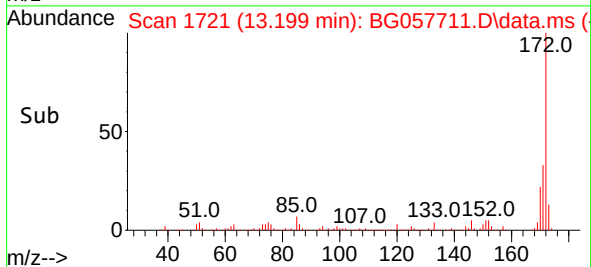
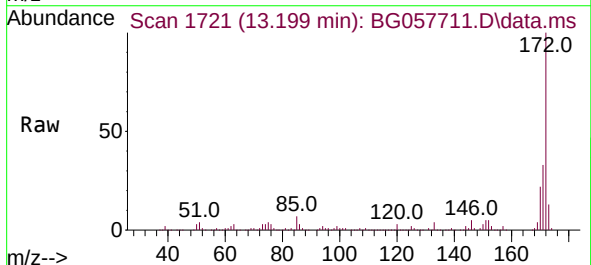
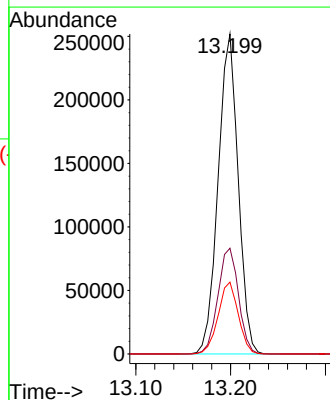
Tgt Ion:172 Resp: 370160

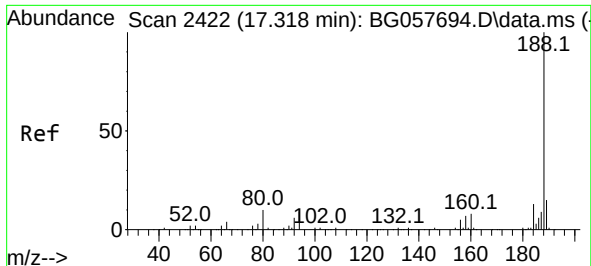
Ion Ratio Lower Upper

172 100

171 33.0 27.9 41.9

170 22.5 18.2 27.4

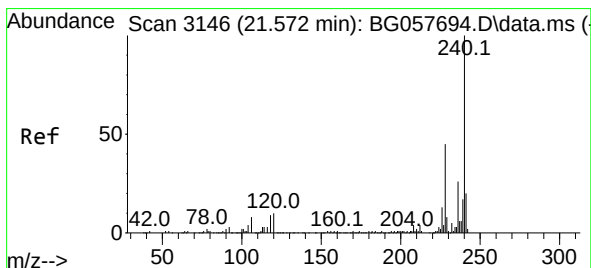
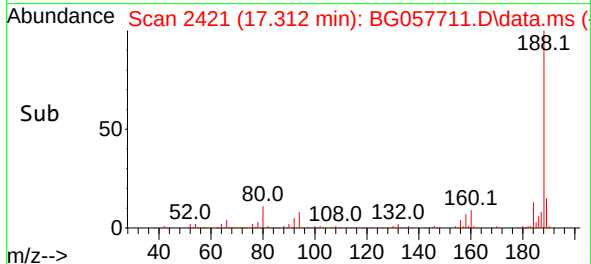
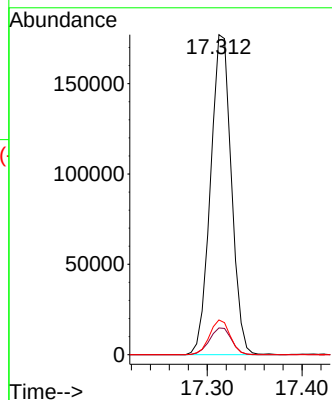
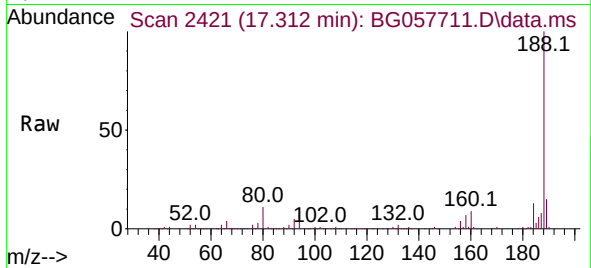




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

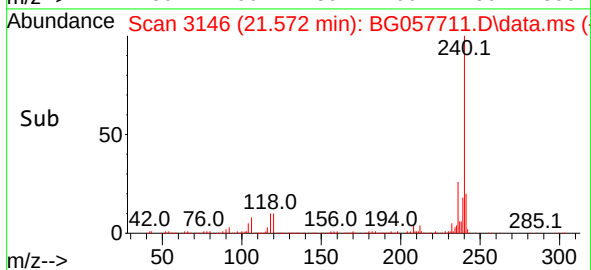
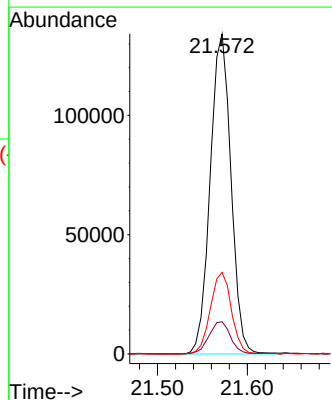
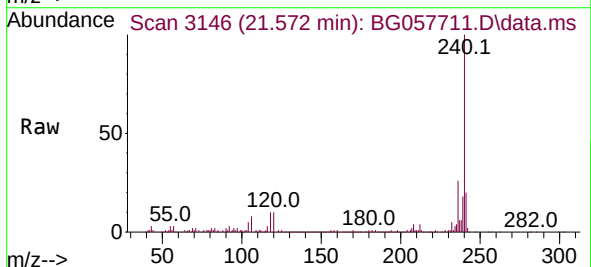
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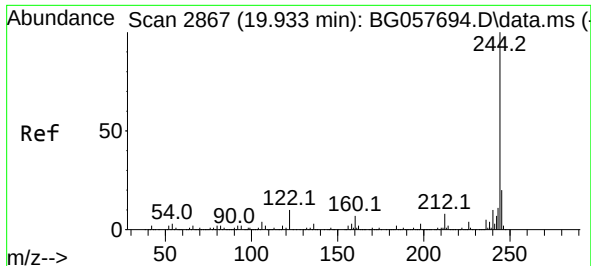
Tgt Ion:188 Resp: 270449
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 10.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG057711.D
Acq: 14 Jun 2023 17:15

Tgt Ion:240 Resp: 215667
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.5 20.7 31.1

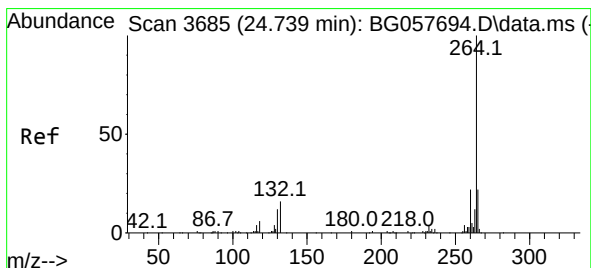
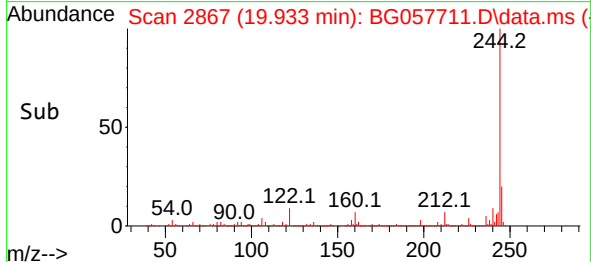
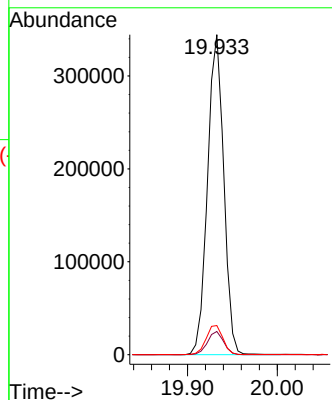
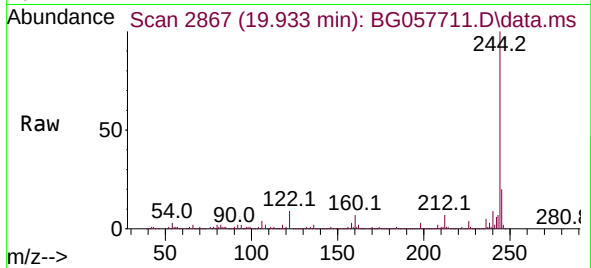




#79
 Terphenyl-d14
 Concen: 36.996 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057711.D
 Acq: 14 Jun 2023 17:15

Instrument :
 BNA_G
 ClientSampleId :
 CMC-EME-Topsoil-001

Tgt Ion:244 Resp: 431553
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.733 min Scan# 3684
 Delta R.T. -0.006 min
 Lab File: BG057711.D
 Acq: 14 Jun 2023 17:15

Tgt Ion:264 Resp: 255632
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.3 25.9
 265 21.7 17.5 26.3

