

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060155.D
 Acq On : 23 Dec 2023 2:59
 Operator : MA/JU
 Sample : 05929-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORT-CONCRETE-PAD-2

Quant Time: Dec 25 00:42:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	292625	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	1184443	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	760020	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1574628	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1392970	20.000	ng	-0.01
86) Perylene-d12	24.762	264	1525457	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	2197622	118.336	ng	0.00
7) Phenol-d6	7.107	99	3302839	105.677	ng	0.00
23) Nitrobenzene-d5	9.104	82	2171712	89.820	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	897121	87.669	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4524615	89.391	ng	0.00
79) Terphenyl-d14	19.945	244	5178794	67.275	ng	0.00

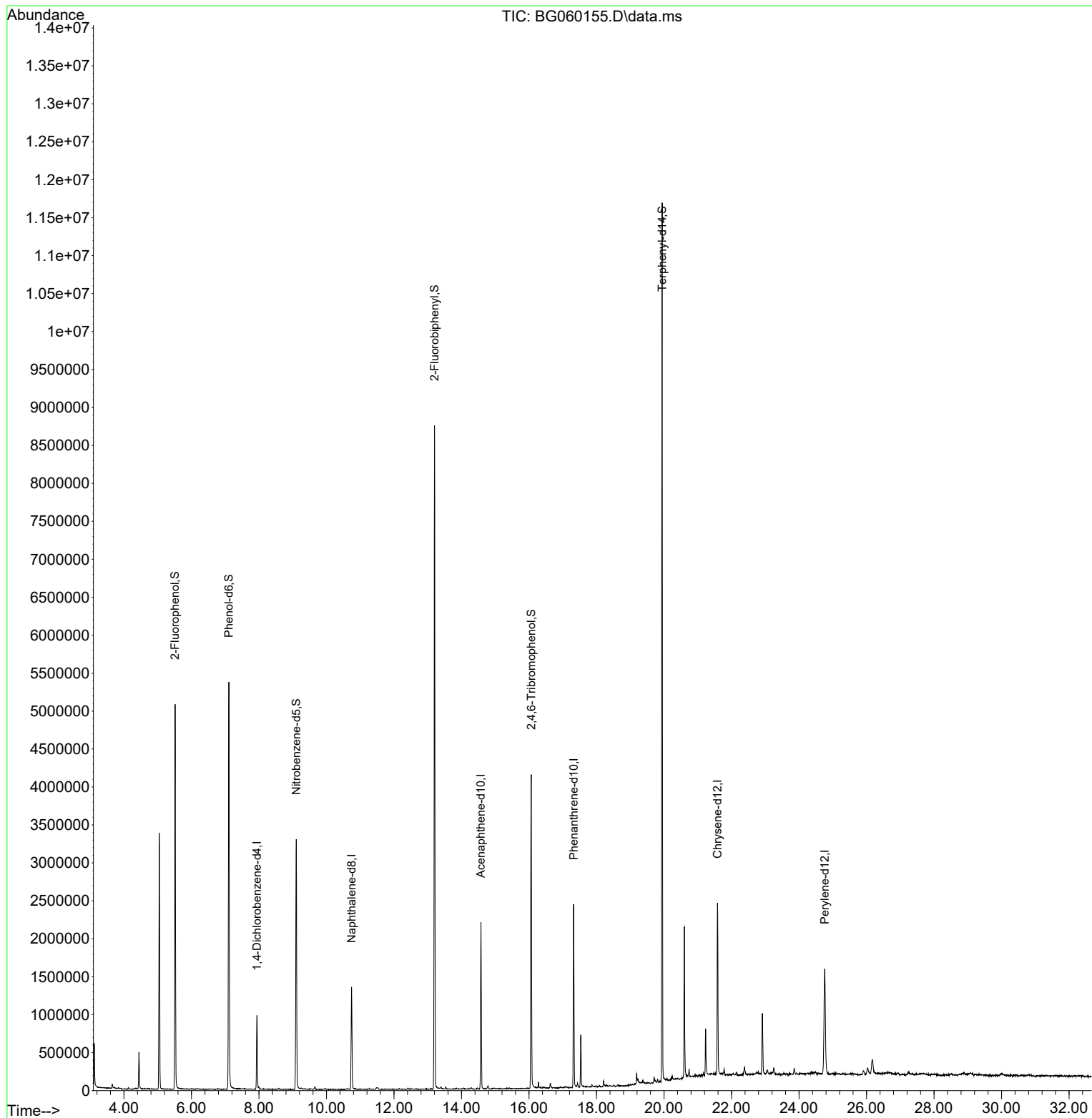
Target Compounds	Qvalue

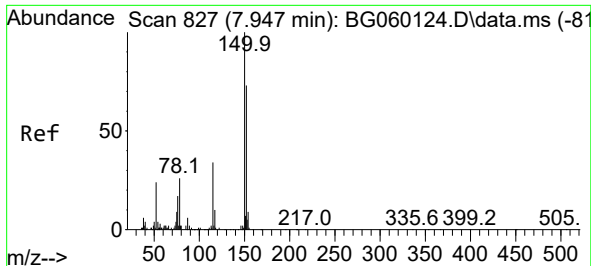
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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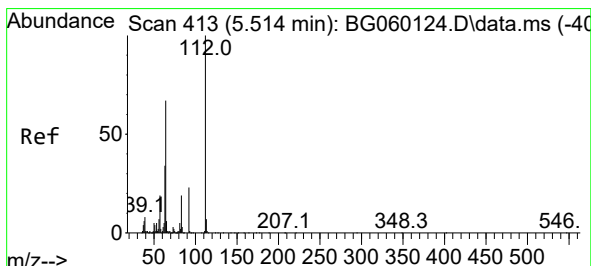
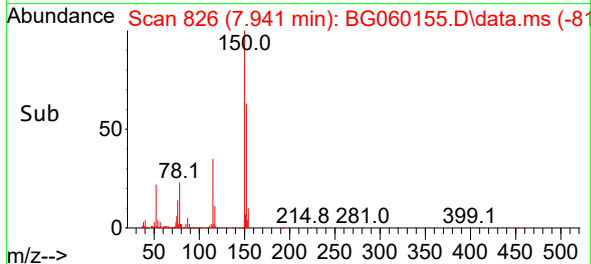
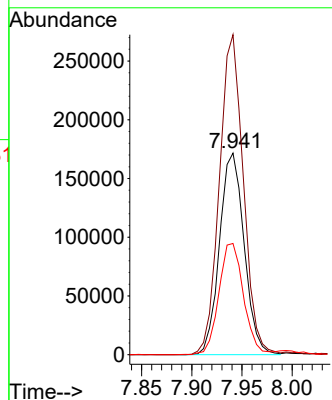
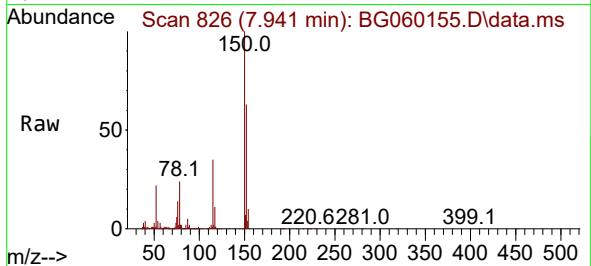




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

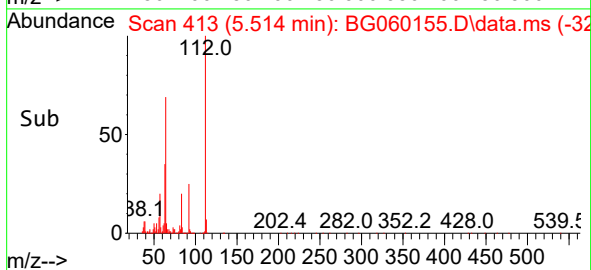
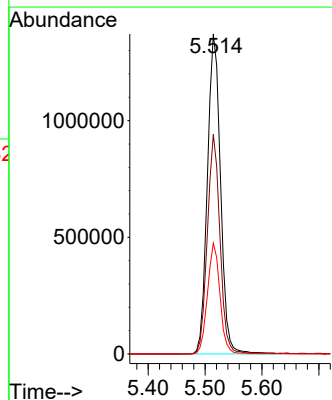
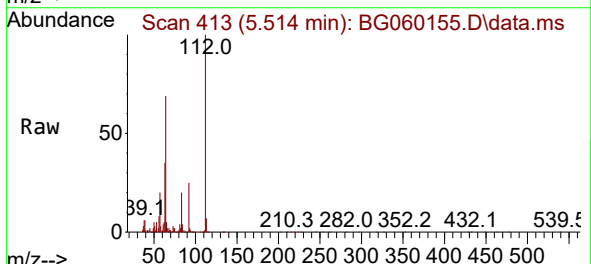
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

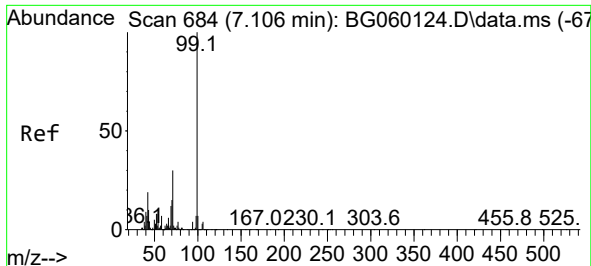
Tgt Ion:152 Resp: 292625
Ion Ratio Lower Upper
152 100
150 158.8 109.4 164.0
115 55.2 36.5 54.7#



#5
2-Fluorophenol
Concen: 118.336 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

Tgt Ion:112 Resp: 2197622
Ion Ratio Lower Upper
112 100
64 68.6 53.3 79.9
63 34.7 27.1 40.7

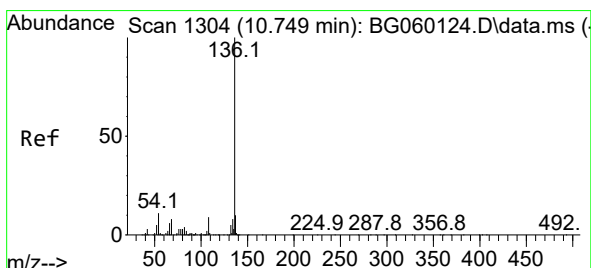
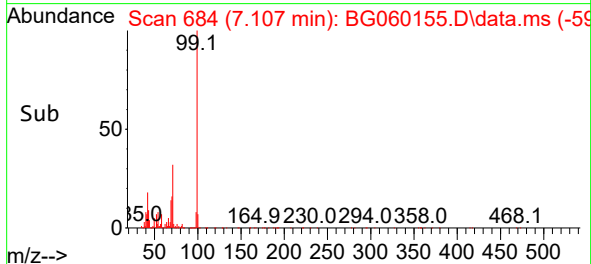
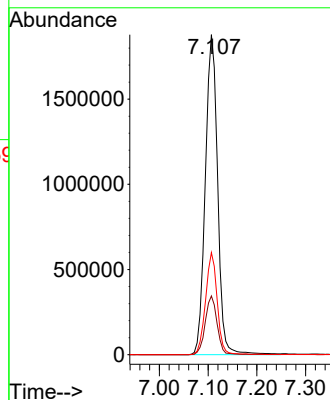
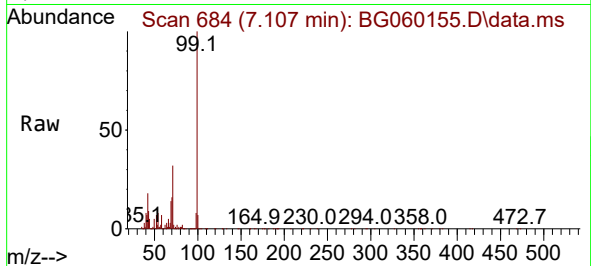




#7
Phenol-d6
Concen: 105.677 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

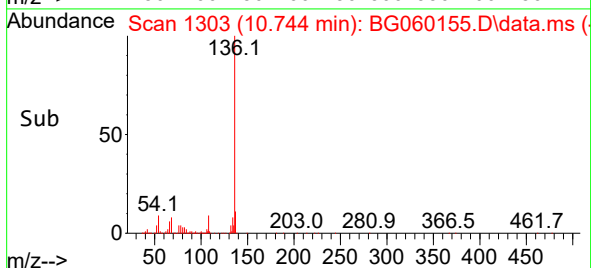
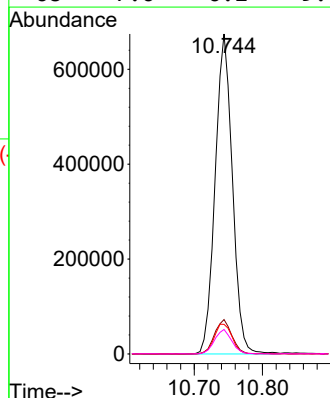
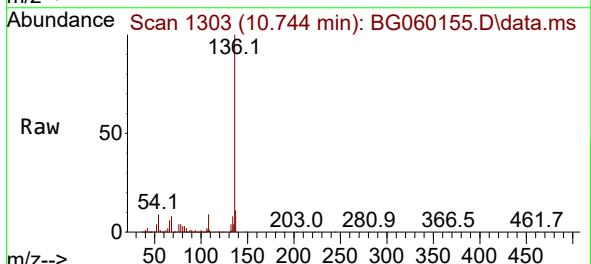
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

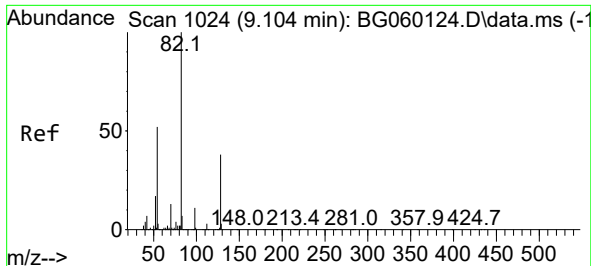
Tgt Ion: 99 Resp: 3302839
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 31.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

Tgt Ion:136 Resp: 1184443
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 9.3 8.7 13.1
68 7.6 6.2 9.4

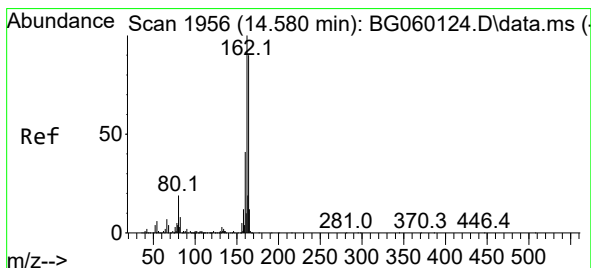
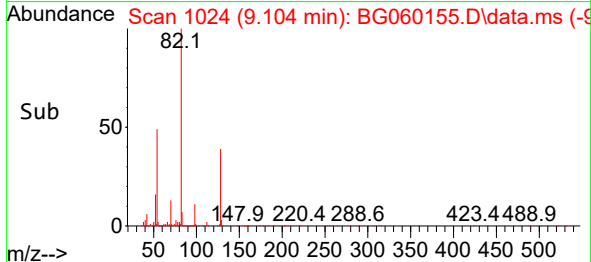
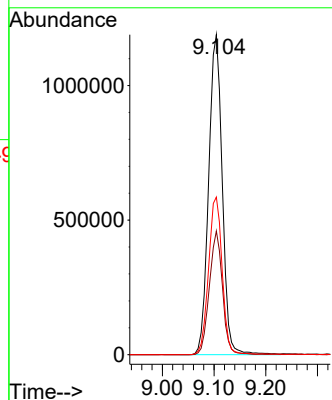
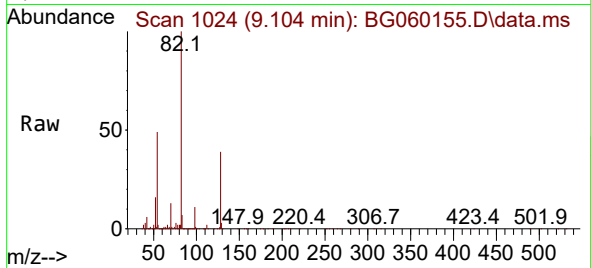




#23
Nitrobenzene-d5
Concen: 89.820 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

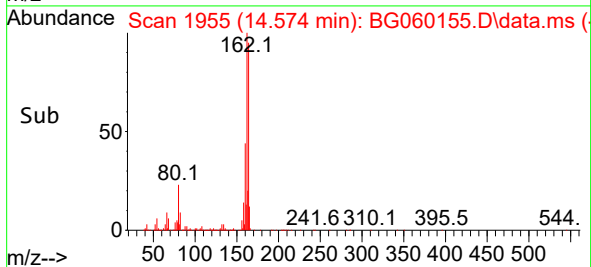
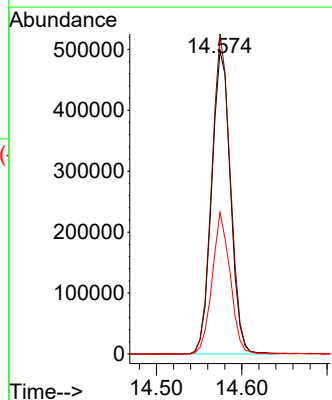
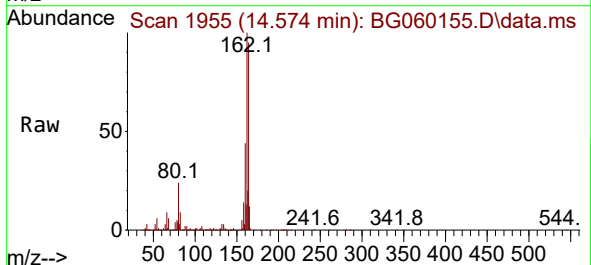
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

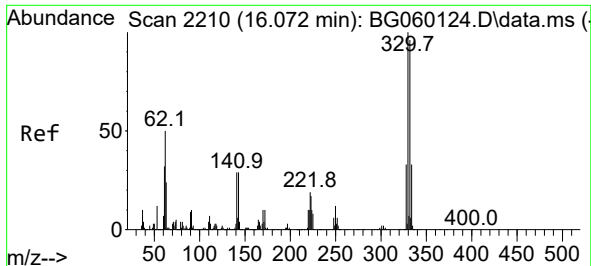
Tgt Ion: 82 Resp: 2171712
Ion Ratio Lower Upper
82 100
128 38.6 30.5 45.7
54 49.3 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

Tgt Ion:164 Resp: 760020
Ion Ratio Lower Upper
164 100
162 105.5 88.5 132.7
160 46.7 36.2 54.2

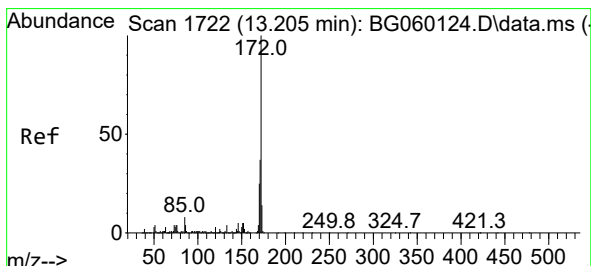
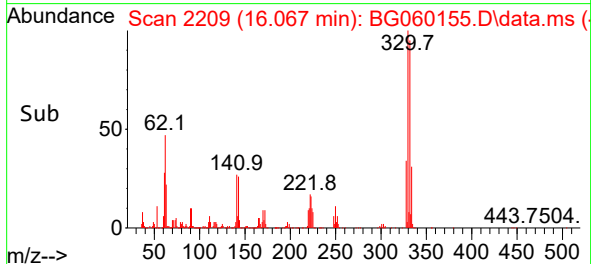
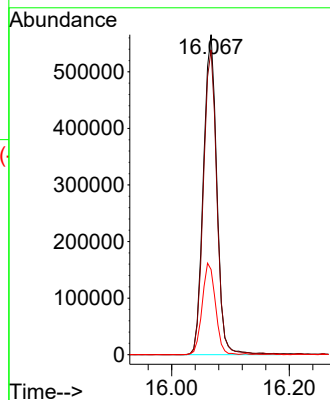
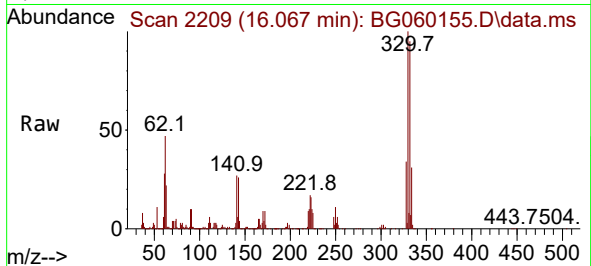




#42
2,4,6-Tribromophenol
Concen: 87.669 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

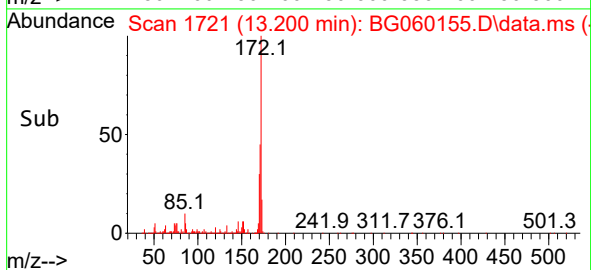
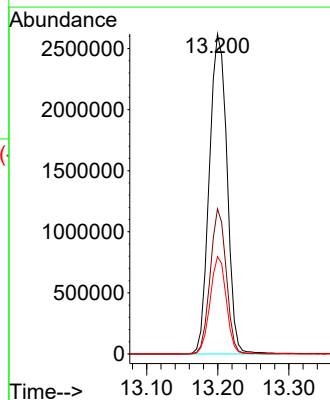
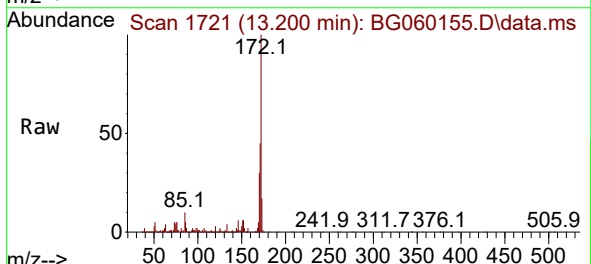
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

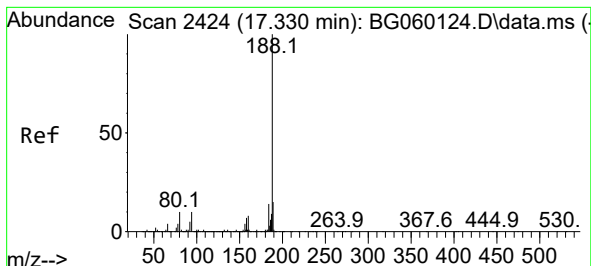
Tgt Ion:330 Resp: 897121
Ion Ratio Lower Upper
330 100
332 95.1 75.5 113.3
141 28.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 89.391 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

Tgt Ion:172 Resp: 4524615
Ion Ratio Lower Upper
172 100
171 45.4 29.2 43.8#
170 30.4 20.1 30.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060155.D

Acq: 23 Dec 2023 2:59

Instrument :

BNA_G

ClientSampleId :

SHORT-CONCRETE-PAD-2

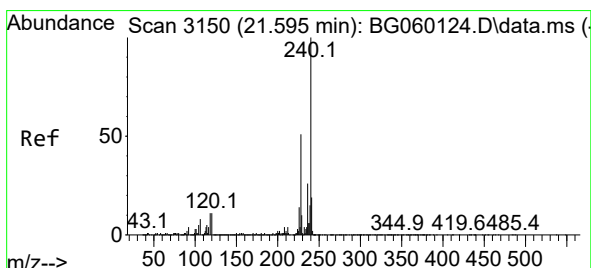
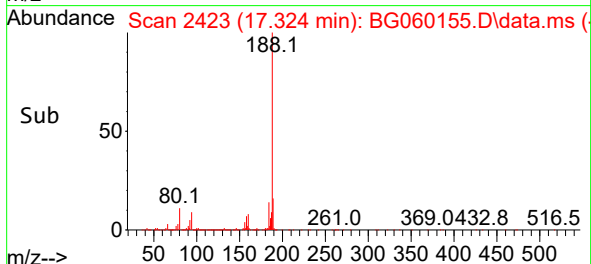
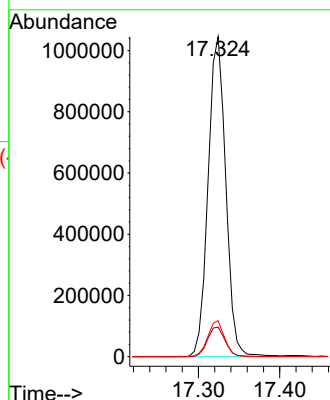
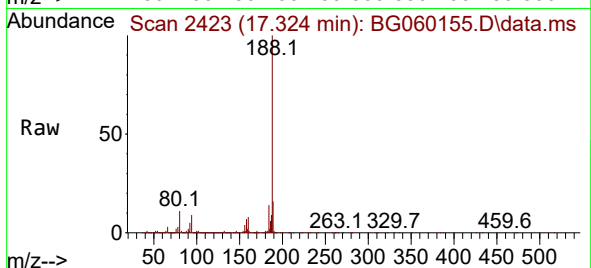
Tgt Ion:188 Resp: 1574628

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 11.2 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.584 min Scan# 3148

Delta R.T. -0.011 min

Lab File: BG060155.D

Acq: 23 Dec 2023 2:59

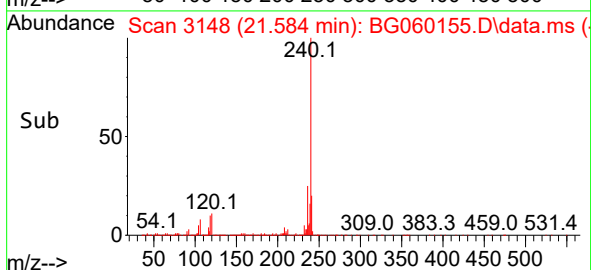
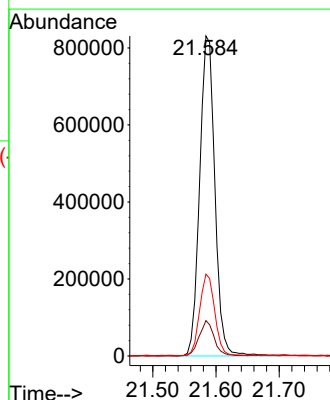
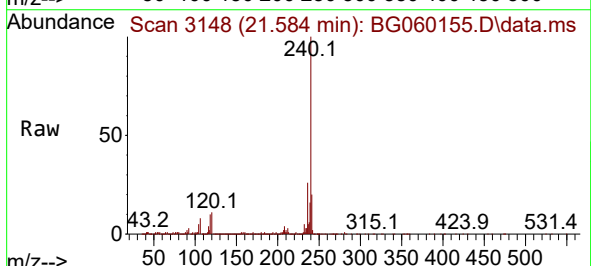
Tgt Ion:240 Resp: 1392970

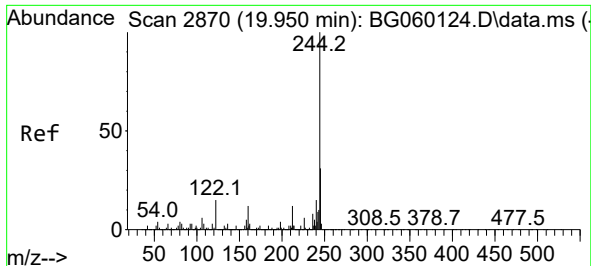
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

236 25.6 20.4 30.6

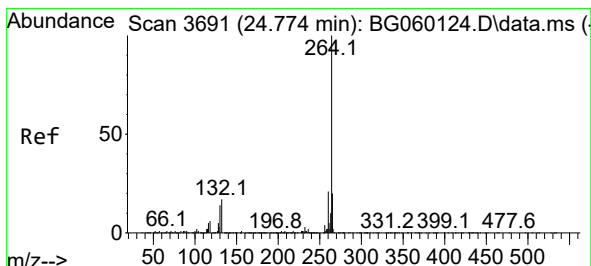
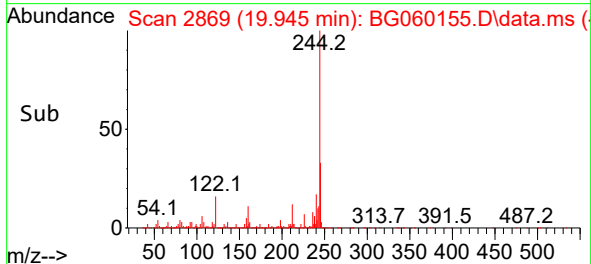
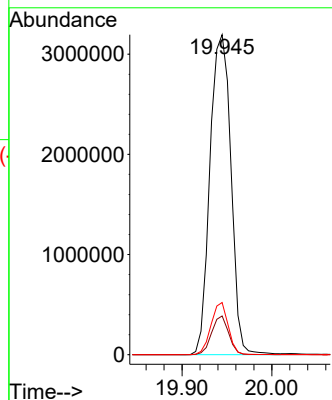
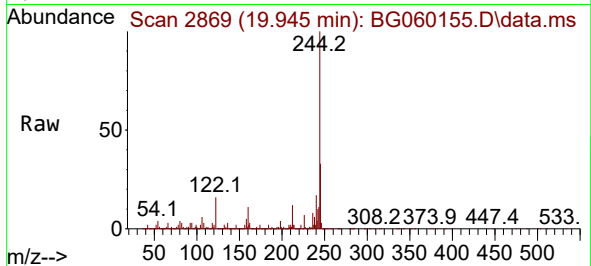




#79
 Terphenyl-d14
 Concen: 67.275 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060155.D
 Acq: 23 Dec 2023 2:59

Instrument :
 BNA_G
 ClientSampleId :
 SHORT-CONCRETE-PAD-2

Tgt Ion:244 Resp: 5178794
 Ion Ratio Lower Upper
 244 100
 212 12.1 9.5 14.3
 122 16.3 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.011 min
 Lab File: BG060155.D
 Acq: 23 Dec 2023 2:59

Tgt Ion:264 Resp: 1525457
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.1 25.7
 265 21.9 16.0 24.0

