

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)

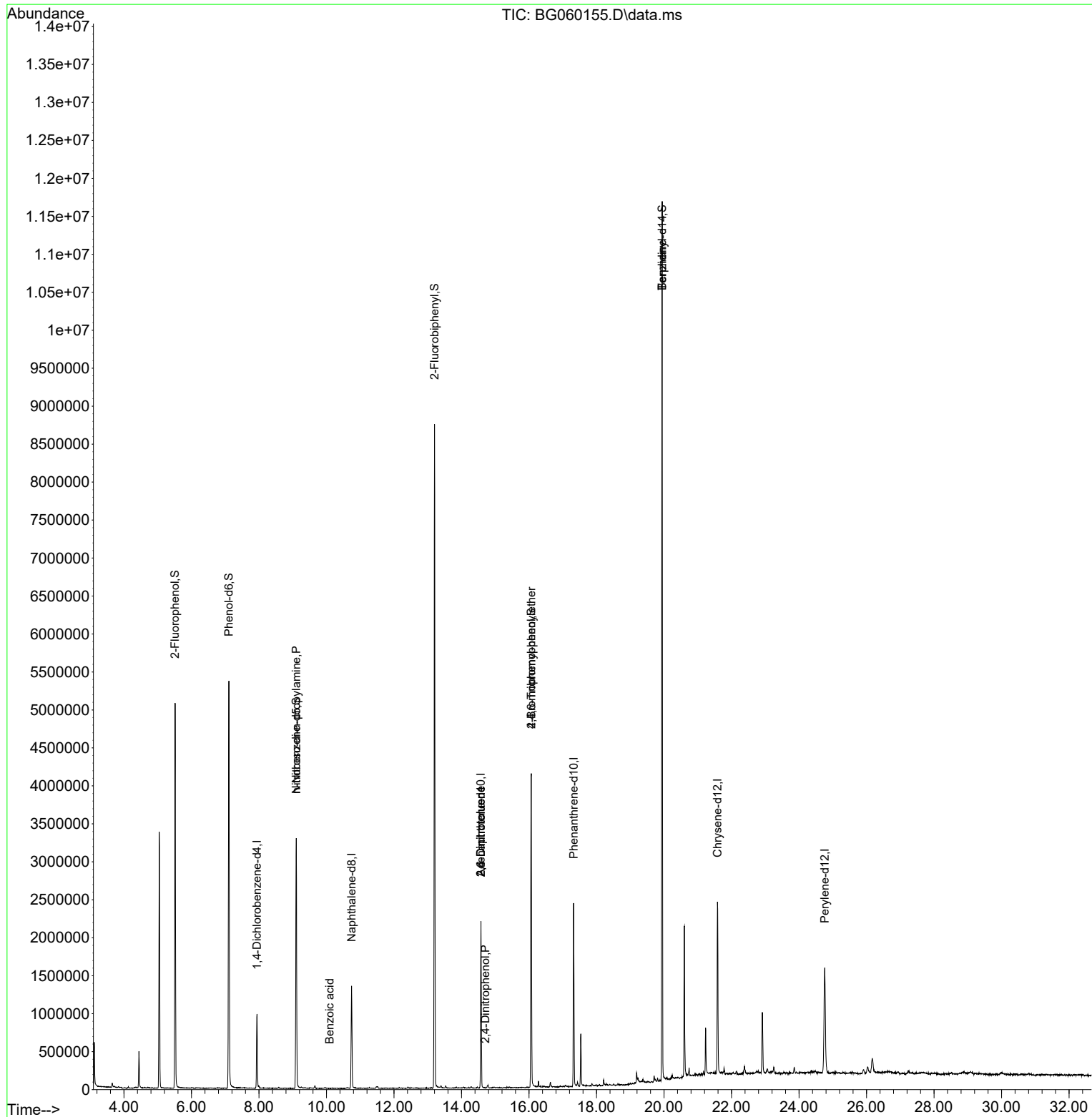
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	292625	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	1184443	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	760020	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1574628	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1392970	20.000	ng	-0.01
86) 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
19) n-Nitroso-di-n-propyla...	9.104	70	271794	11.184	ng	# 75
32) Benzoic acid	10.091	122	60	5.091	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	99180	7.417	ng	# 25
54) 2,4-Dinitrophenol	14.704	184	281	6.648	ng	# 55
57) 2,4-Dinitrotoluene	14.574	165	99180	5.053	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	54154	3.651	ng	# 1
77) Benzidine	19.945	184	98510	2.616	ng	# 94

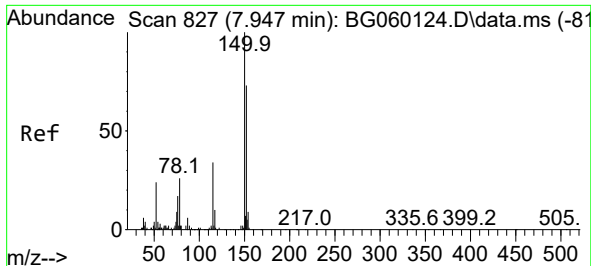
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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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

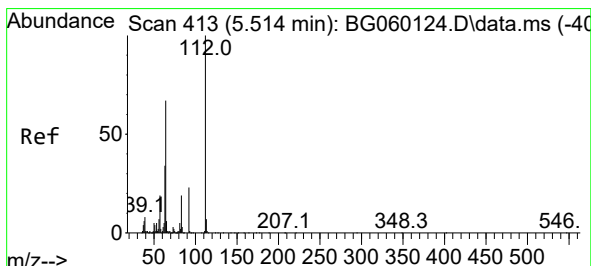
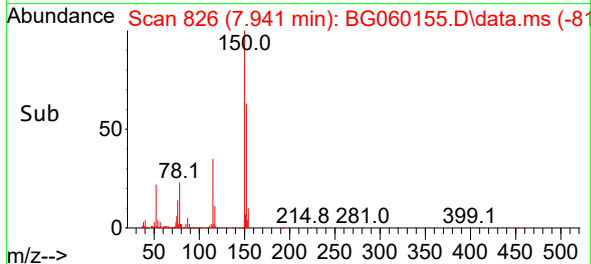
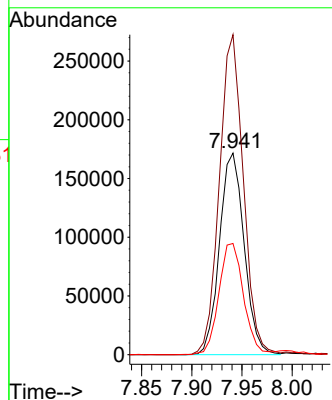
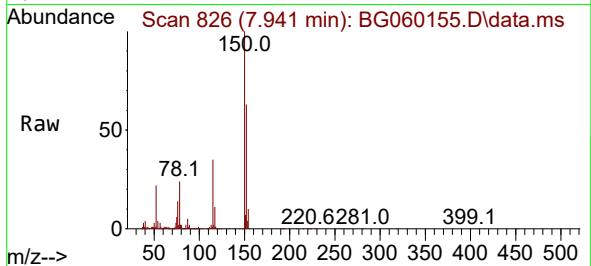




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

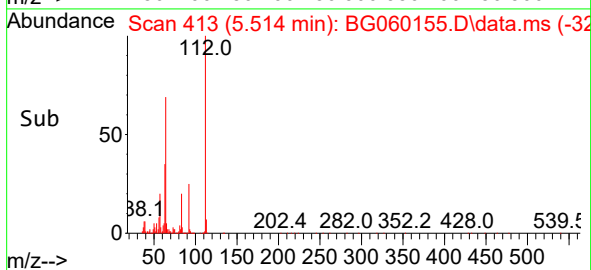
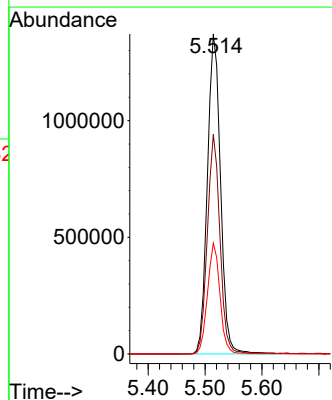
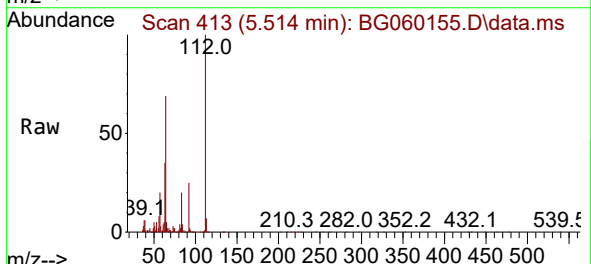
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

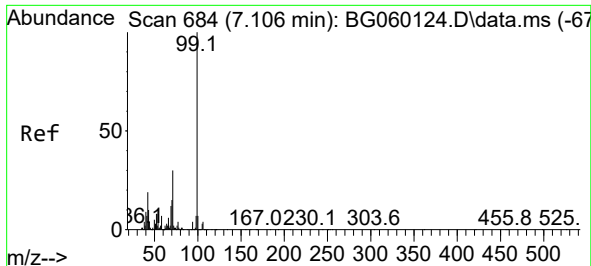
Tgt Ion:152 Resp: 292625
Ion Ratio Lower Upper
152 100
150 158.8 109.4 164.0
115 55.2 36.5 54.7#



#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

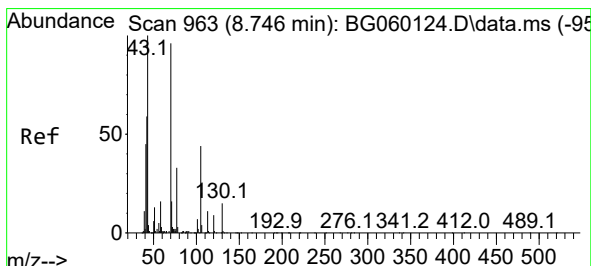
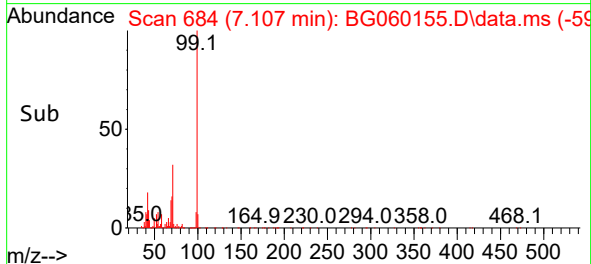
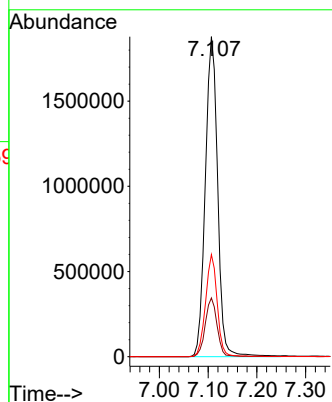
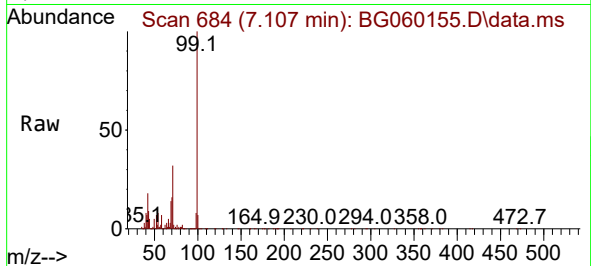




#7
Phenol-d6
Concen: 105.677 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

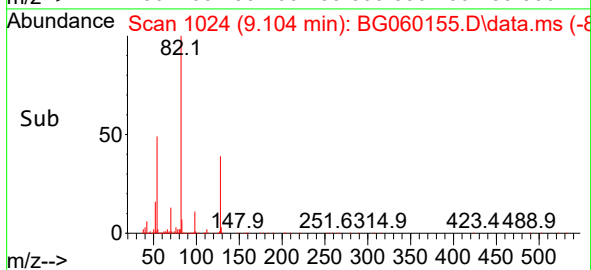
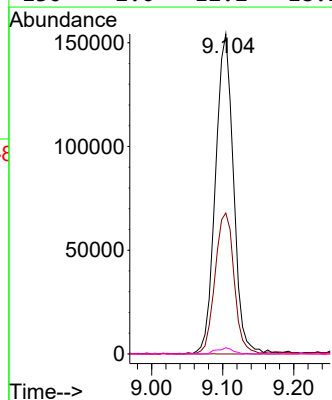
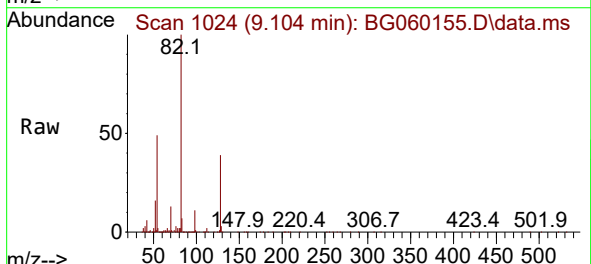
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

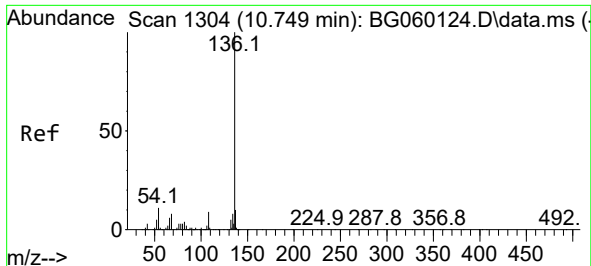
Tgt Ion: 99 Resp: 3302839
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 31.9 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.184 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.359 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

Tgt Ion: 70 Resp: 271794
Ion Ratio Lower Upper
70 100
42 44.0 49.6 74.4#
101 0.0 6.2 9.4#
130 2.0 12.2 18.2#

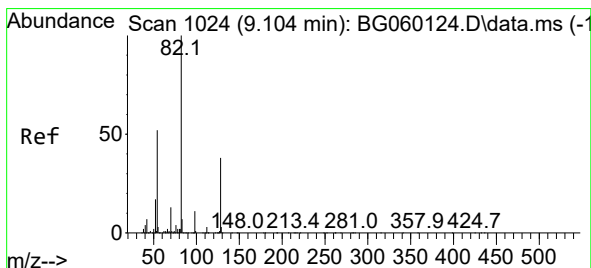
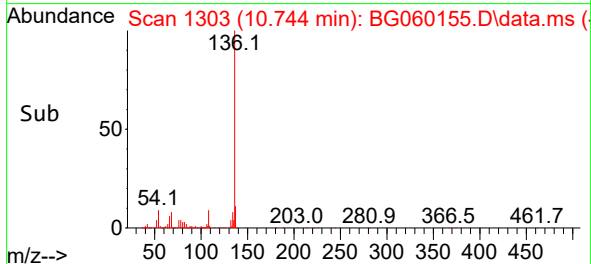
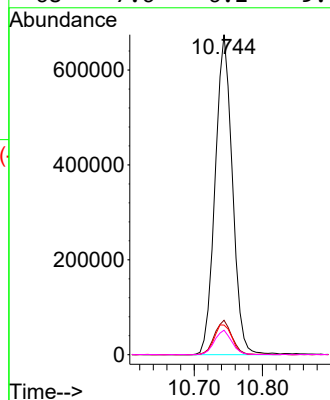
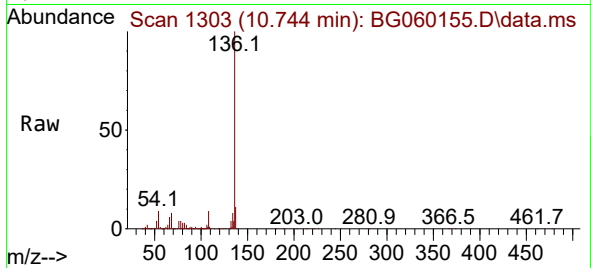




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

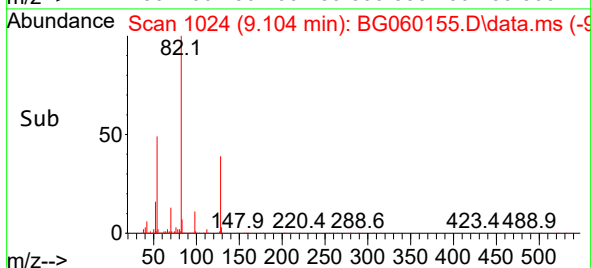
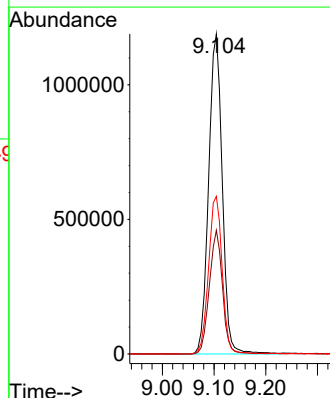
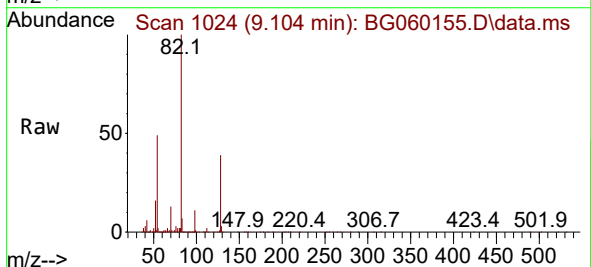
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

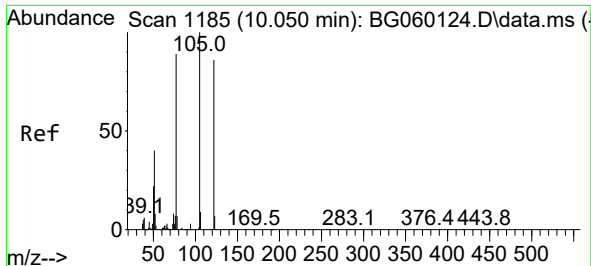
Tgt Ion:136 Resp: 1184443
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 9.3 8.7 13.1
68 7.6 6.2 9.4



#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

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

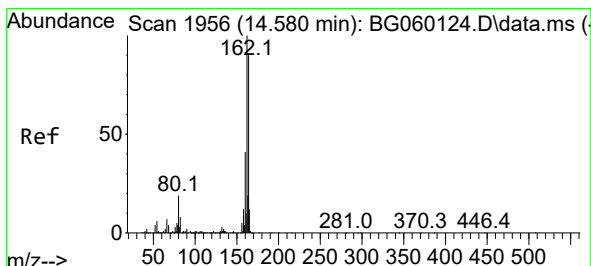
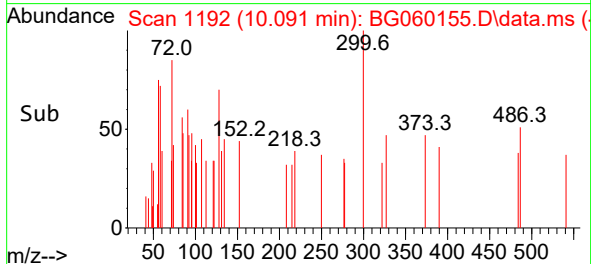
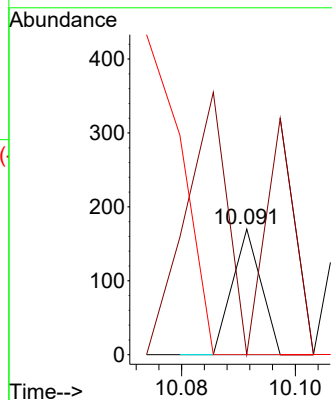
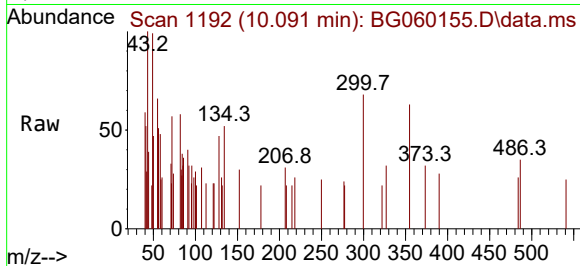




#32
Benzoic acid
Concen: 5.091 ng
RT: 10.091 min Scan# 1185
Delta R.T. 0.041 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

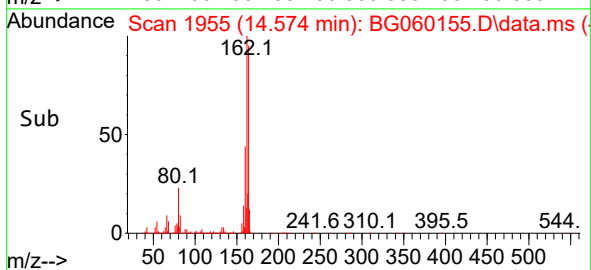
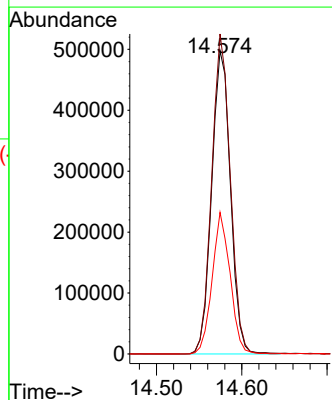
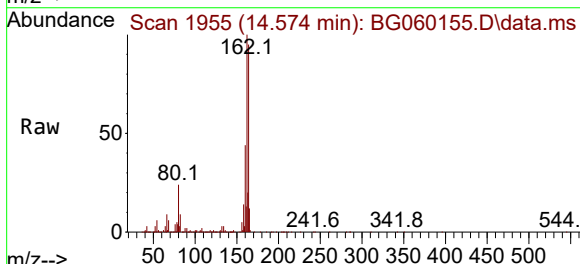
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

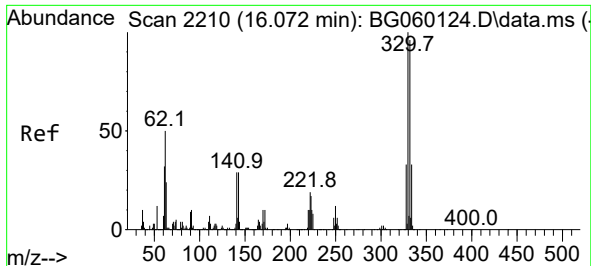
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 0.0 81.7 121.7#



#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

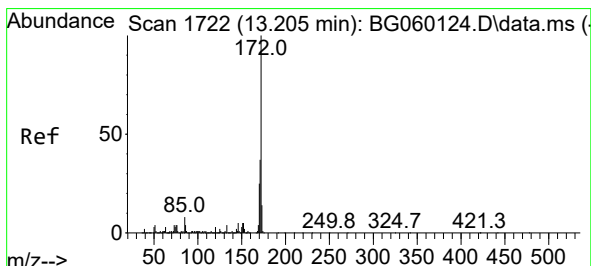
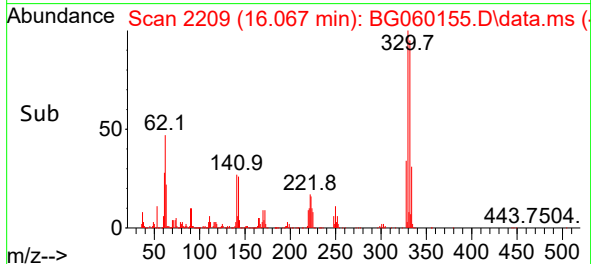
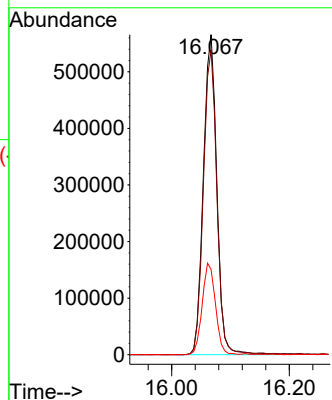
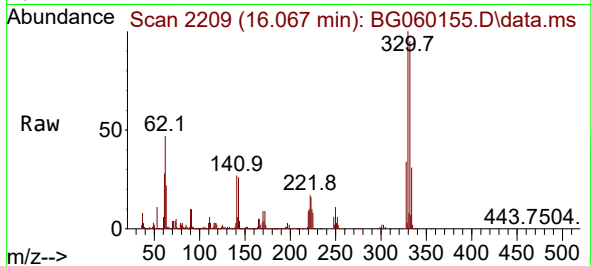




#42
2,4,6-Tribromophenol
Concen: 87.669 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

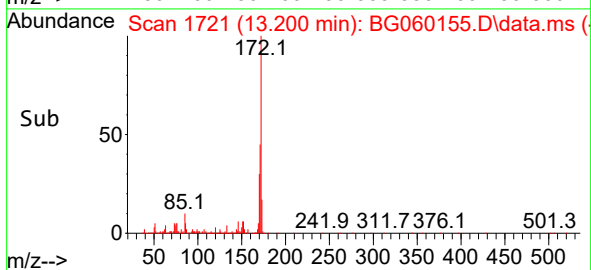
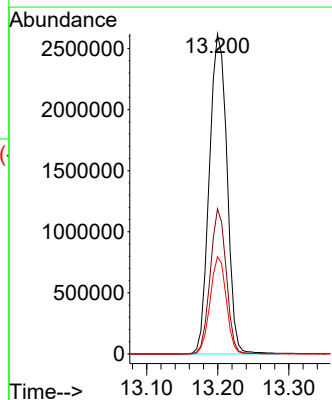
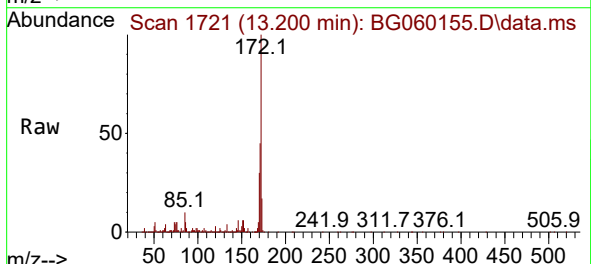
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

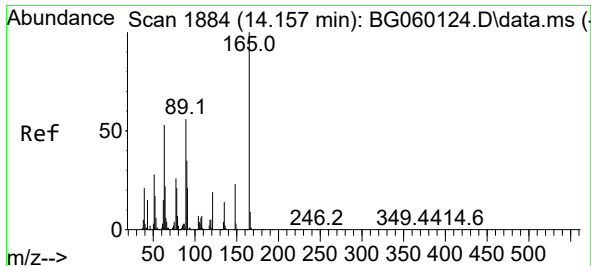
Tgt Ion:330 Resp: 897121
Ion Ratio Lower Upper
330 100
332 95.1 75.5 113.3
141 28.2 24.7 37.1



#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#

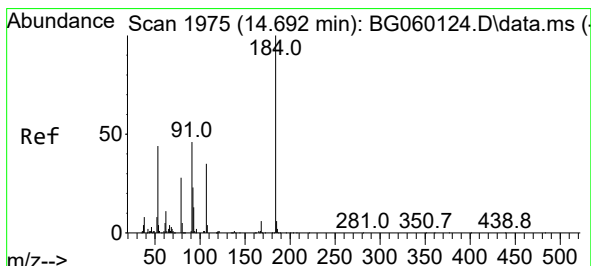
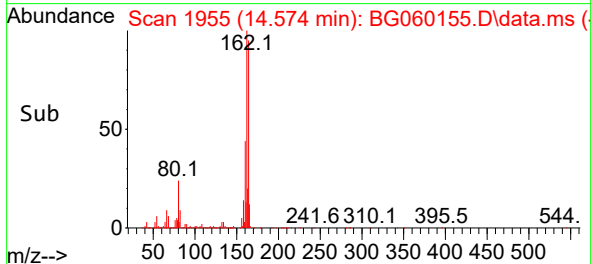
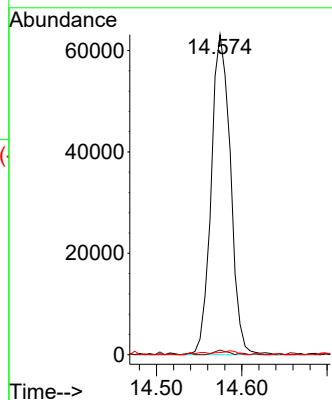
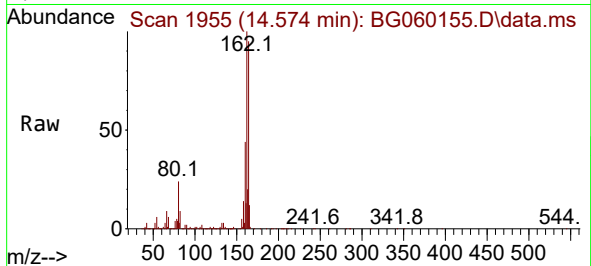




#51
2,6-Dinitrotoluene
Concen: 7.417 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

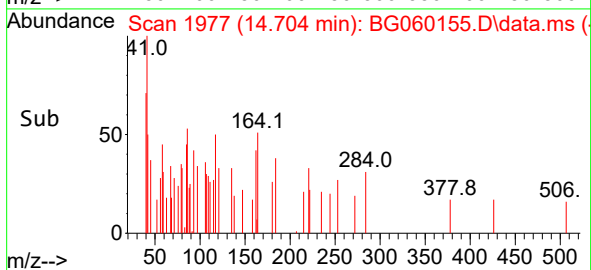
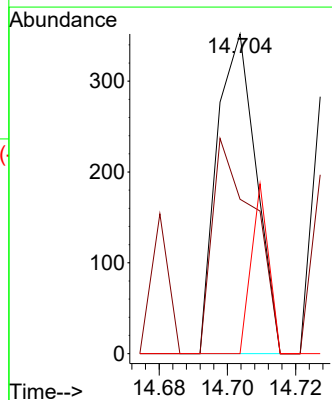
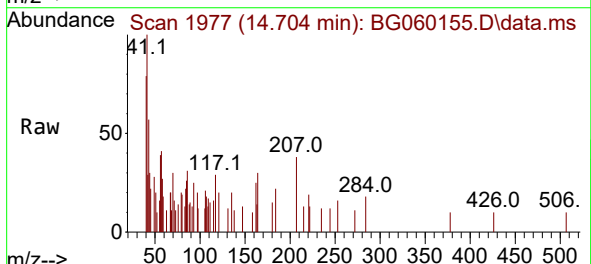
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

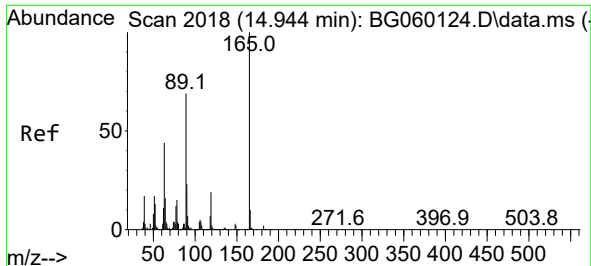
Tgt Ion:165 Resp: 99180
Ion Ratio Lower Upper
165 100
63 1.5 45.4 68.2#
89 0.7 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 14.704 min Scan# 1977
Delta R.T. 0.012 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

Tgt Ion:184 Resp: 281
Ion Ratio Lower Upper
184 100
63 48.3 48.1 72.1
154 0.0 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.053 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG060155.D

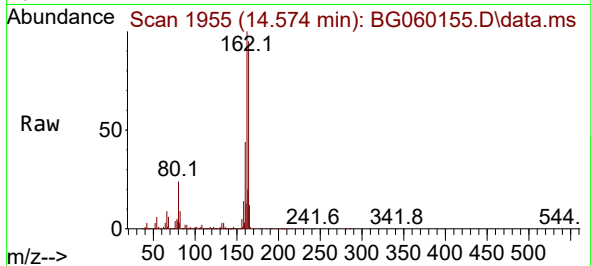
Acq: 23 Dec 2023 2:59

Instrument :

BNA_G

ClientSampleId :

SHORT-CONCRETE-PAD-2



Tgt Ion:165 Resp: 99180

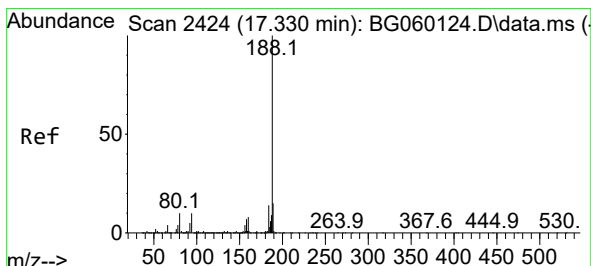
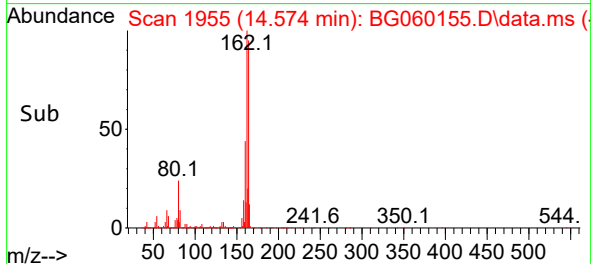
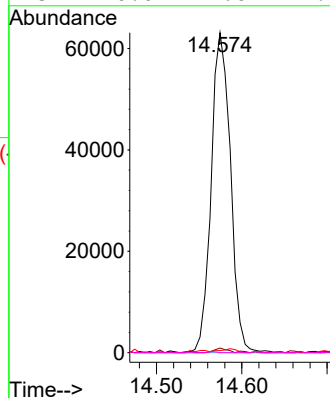
Ion Ratio Lower Upper

165 100

63 1.5 35.4 53.0#

89 0.7 55.6 83.4#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BG060155.D

Acq: 23 Dec 2023 2:59

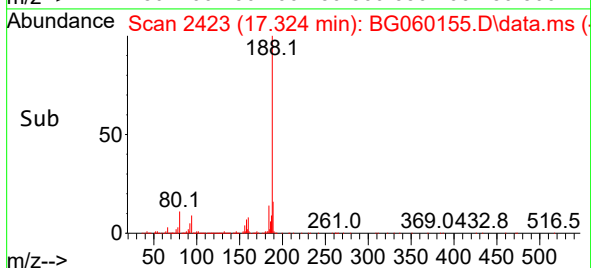
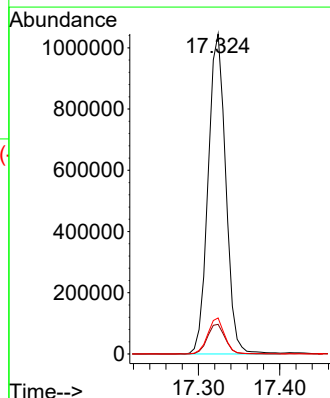
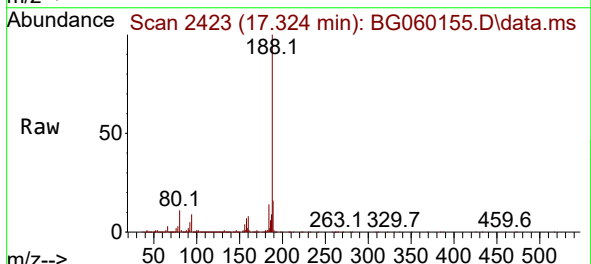
Tgt Ion:188 Resp: 1574628

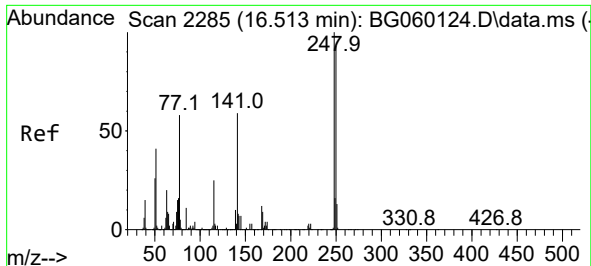
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 11.2 7.9 11.9

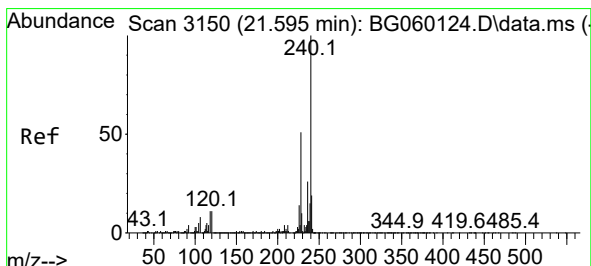
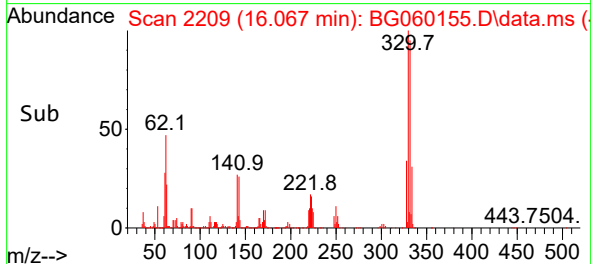
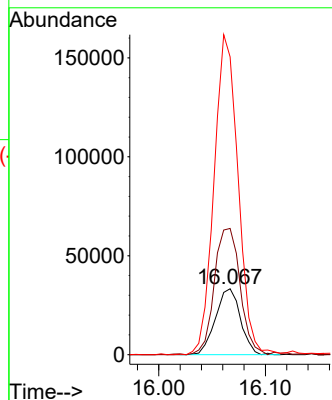
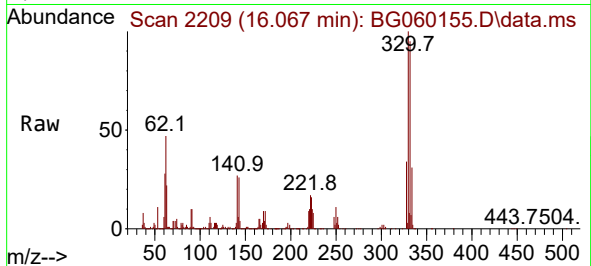




#67
4-Bromophenyl-phenylether
Concen: 3.651 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

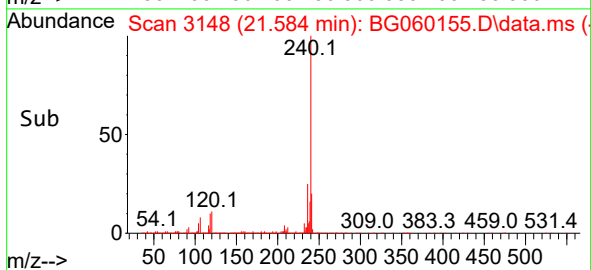
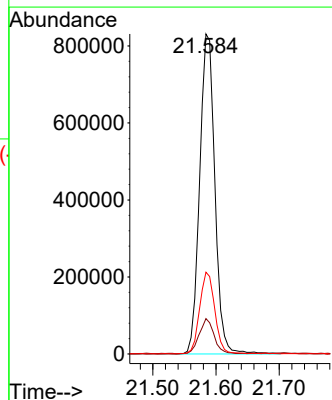
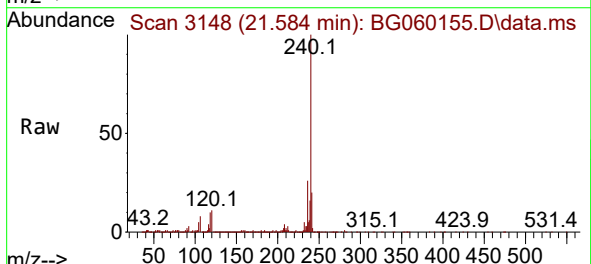
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

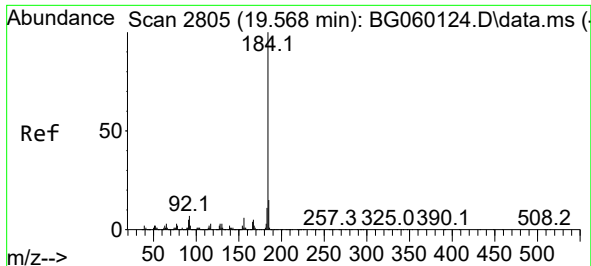
Tgt Ion:248 Resp: 54154
Ion Ratio Lower Upper
248 100
250 191.5 74.5 111.7#
141 451.4 47.4 71.0#



#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

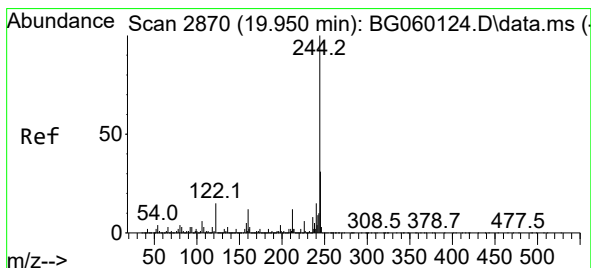
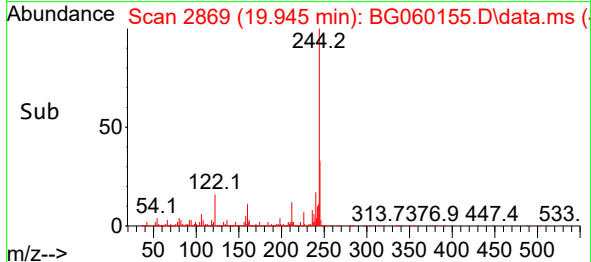
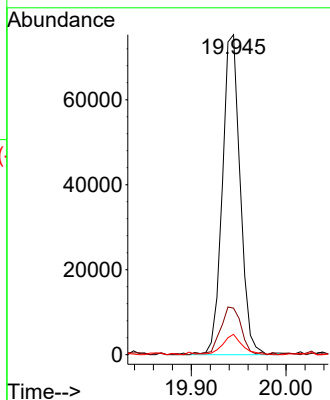
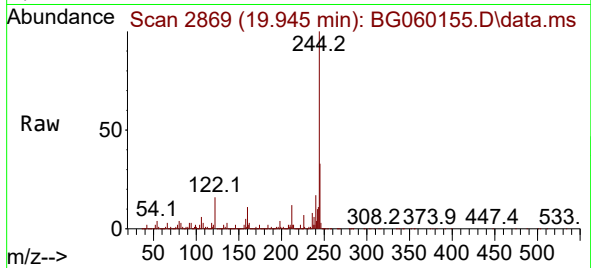




#77
Benzidine
Concen: 2.616 ng
RT: 19.945 min Scan# 2869
Delta R.T. 0.376 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

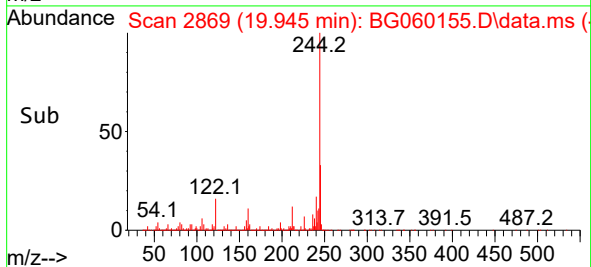
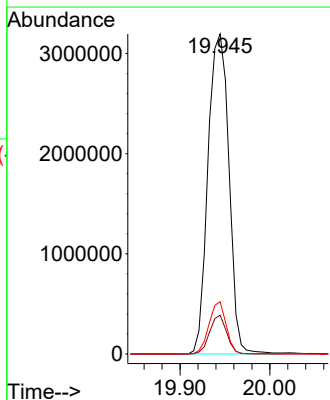
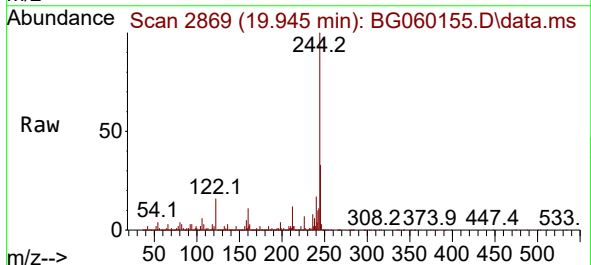
Instrument :
BNA_G
ClientSampleId :
SHORT-CONCRETE-PAD-2

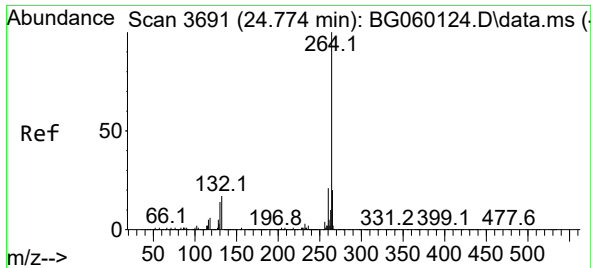
Tgt Ion:184 Resp: 98510
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 6.3 9.0 13.6#



#79
Terphenyl-d14
Concen: 67.275 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

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# 30
Delta R.T. -0.011 min
Lab File: BG060155.D
Acq: 23 Dec 2023 2:59

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

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

