

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060154.D
 Acq On : 23 Dec 2023 2:18
 Operator : MA/JU
 Sample : 05929-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-8

Quant Time: Dec 25 00:42:29 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)

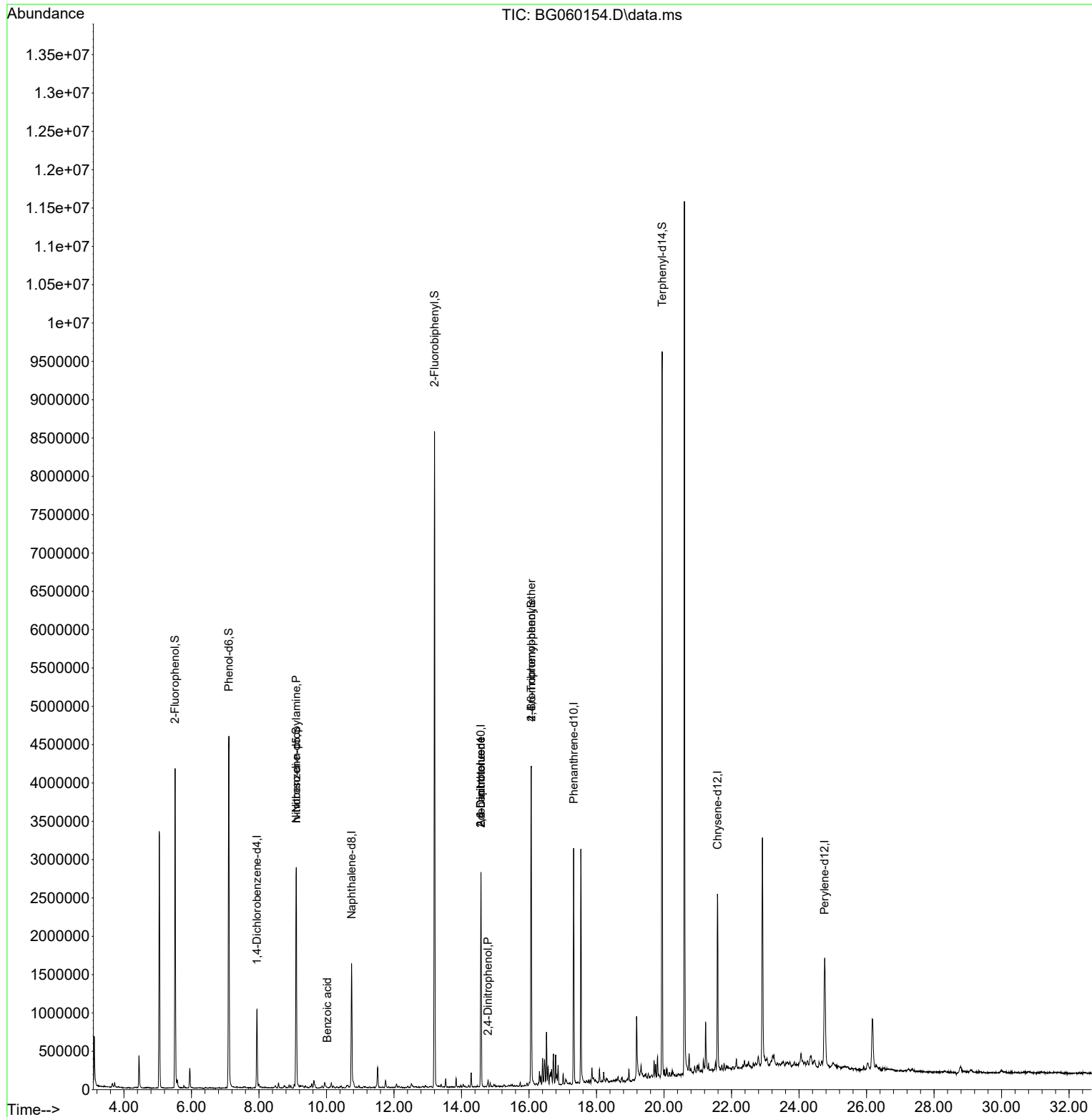
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	312510	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	1386899	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1002369	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1953189	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1372954	20.000	ng	-0.01
86) Perylene-d12	24.757	264	1508949	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1890494	95.321	ng	0.00
7) Phenol-d6	7.107	99	2908772	87.147	ng	0.00
23) Nitrobenzene-d5	9.105	82	1907108	67.362	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	872612	64.656	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4366746	65.414	ng	0.00
79) Terphenyl-d14	19.945	244	4374536	57.656	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	237973	9.169	ng	# 73
32) Benzoic acid	10.027	122	55	5.091	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	134772	7.642	ng	# 24
54) 2,4-Dinitrophenol	14.786	184	66	6.624	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	134772	5.206	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	54492	2.961	ng	# 1

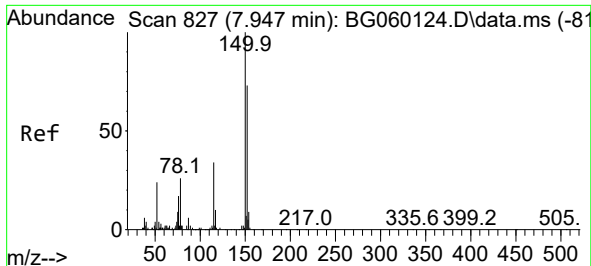
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060154.D
Acq On : 23 Dec 2023 2:18
Operator : MA/JU
Sample : 05929-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

Quant Time: Dec 25 00:42:29 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

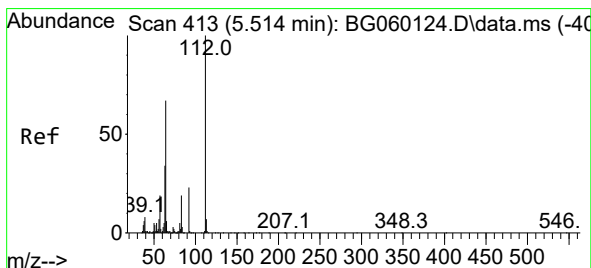
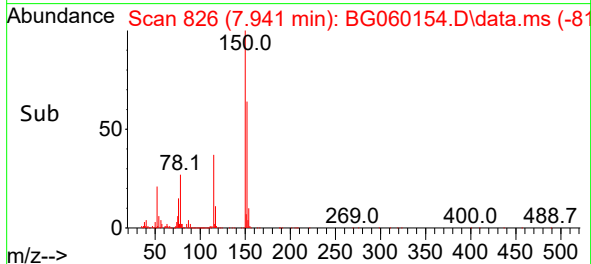
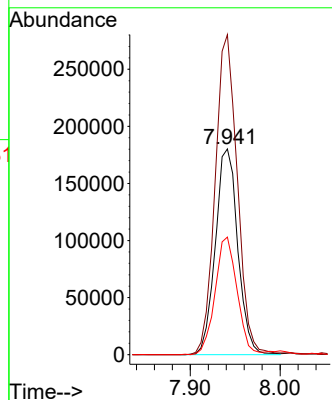
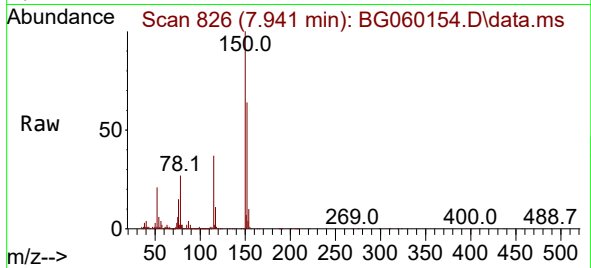




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

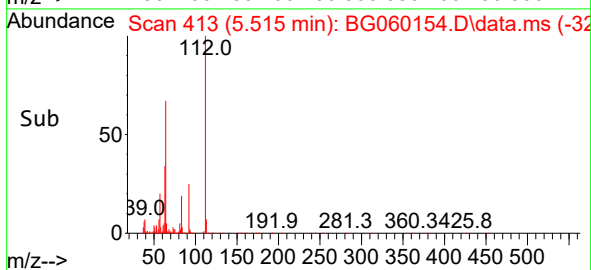
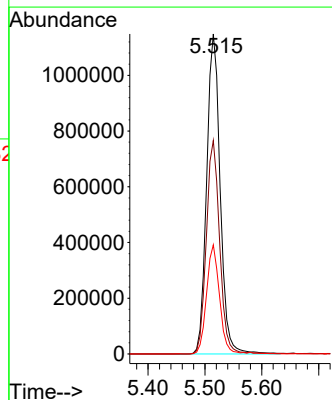
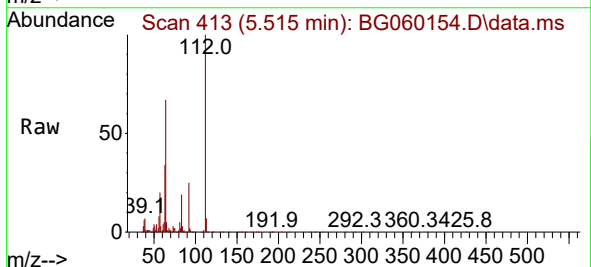
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

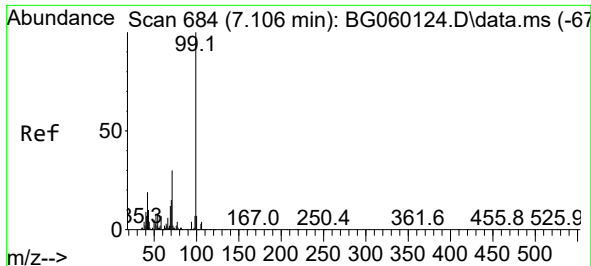
Tgt Ion:152 Resp: 312510
Ion Ratio Lower Upper
152 100
150 155.5 109.4 164.0
115 57.2 36.5 54.7#



#5
2-Fluorophenol
Concen: 95.321 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:112 Resp: 1890494
Ion Ratio Lower Upper
112 100
64 66.7 53.3 79.9
63 34.1 27.1 40.7

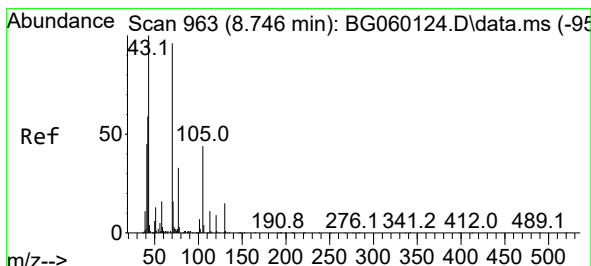
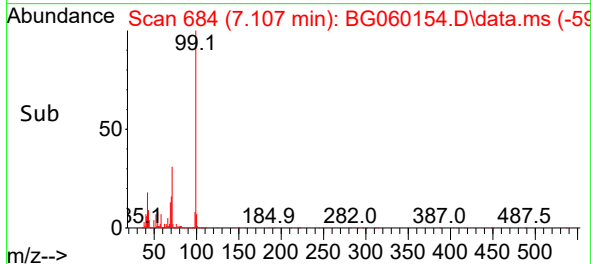
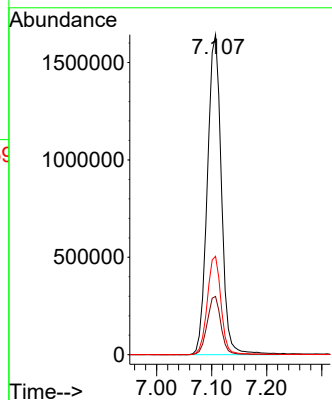
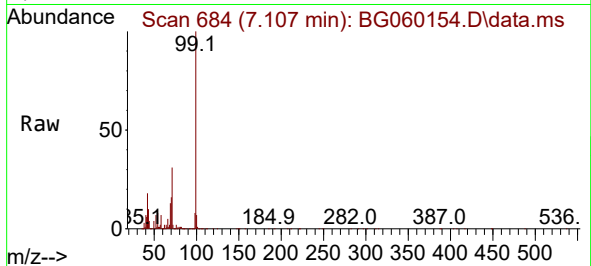




#7
Phenol-d6
Concen: 87.147 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

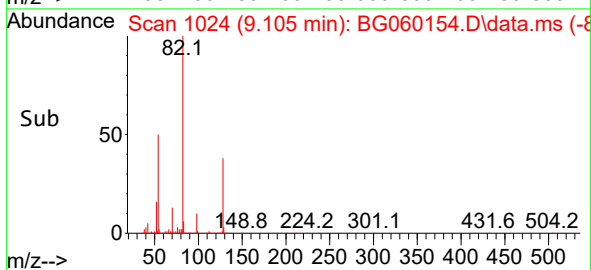
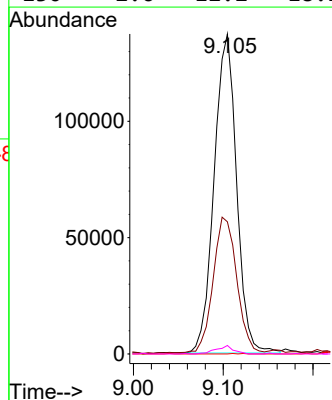
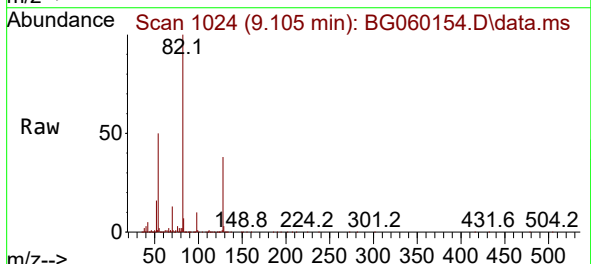
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

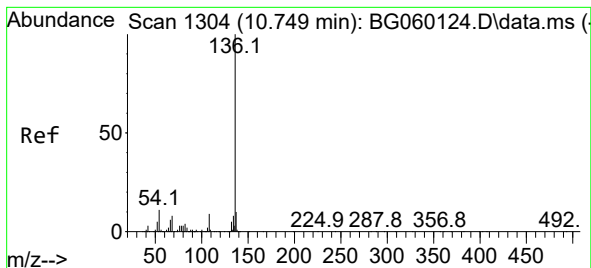
Tgt Ion: 99 Resp: 2908772
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 30.7 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.169 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.359 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion: 70 Resp: 237973
Ion Ratio Lower Upper
70 100
42 41.3 49.6 74.4#
101 0.0 6.2 9.4#
130 2.6 12.2 18.2#

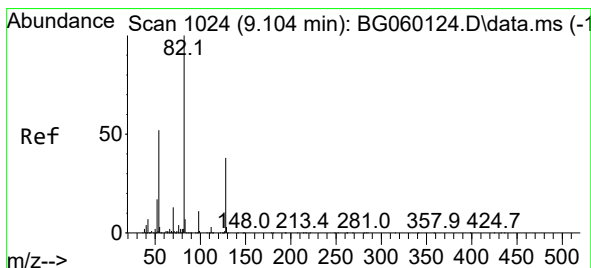
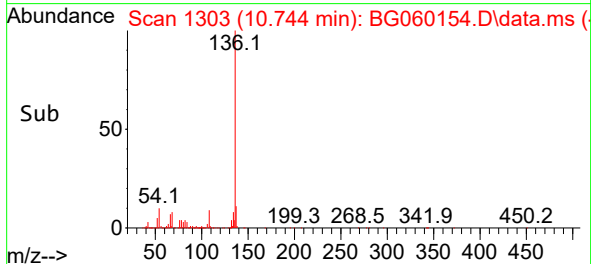
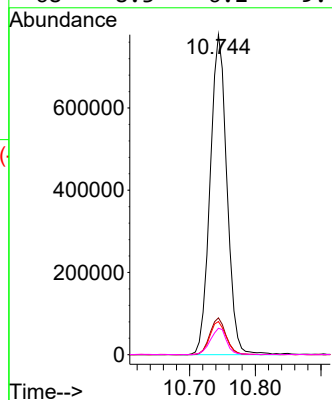
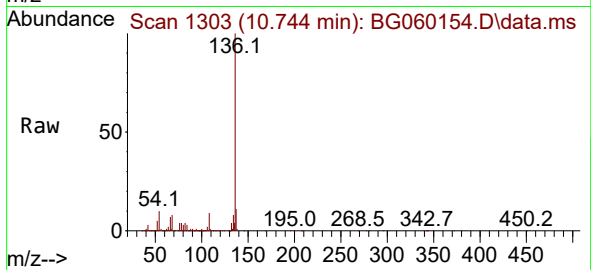




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

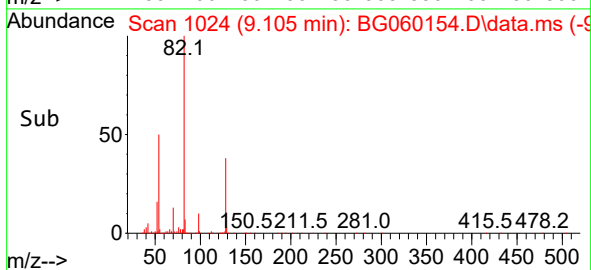
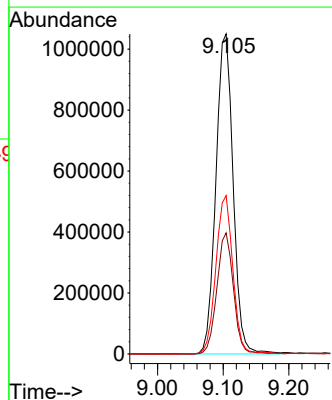
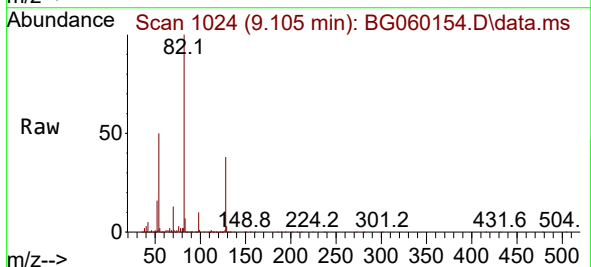
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

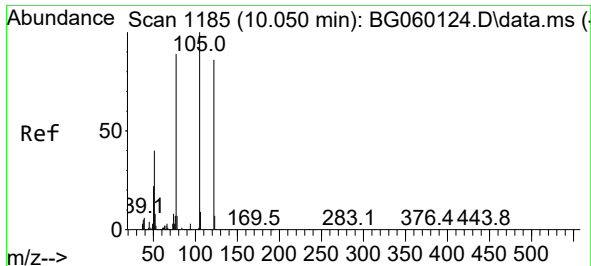
Tgt Ion:136 Resp: 1386899
Ion Ratio Lower Upper
136 100
137 11.5 8.1 12.1
54 10.4 8.7 13.1
68 8.3 6.2 9.4



#23
Nitrobenzene-d5
Concen: 67.362 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion: 82 Resp: 1907108
Ion Ratio Lower Upper
82 100
128 37.8 30.5 45.7
54 49.5 41.9 62.9

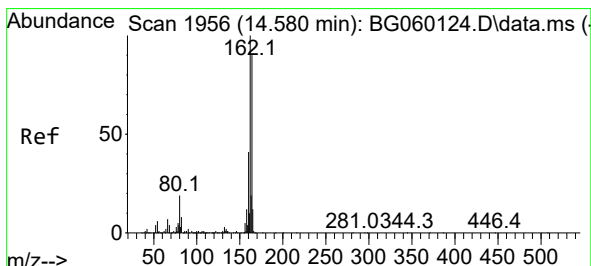
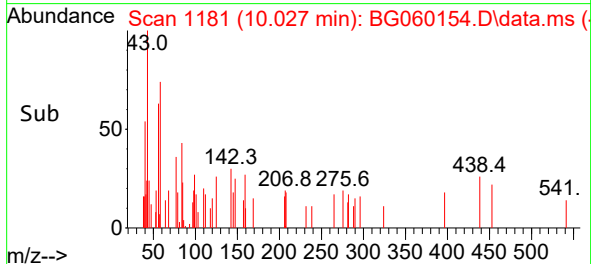
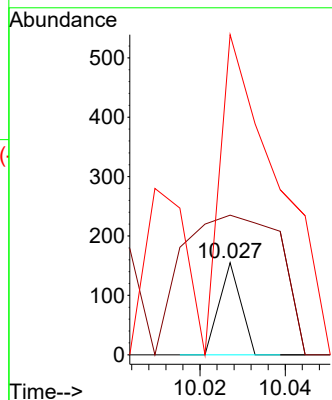
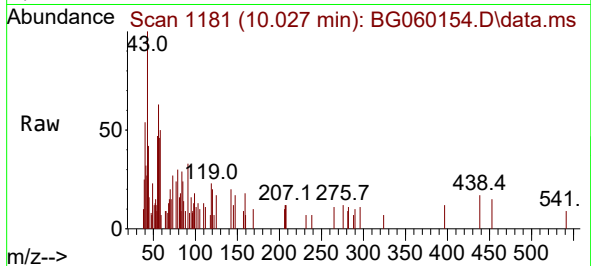




#32
Benzoic acid
Concen: 5.091 ng
RT: 10.027 min Scan# 1185
Delta R.T. -0.023 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

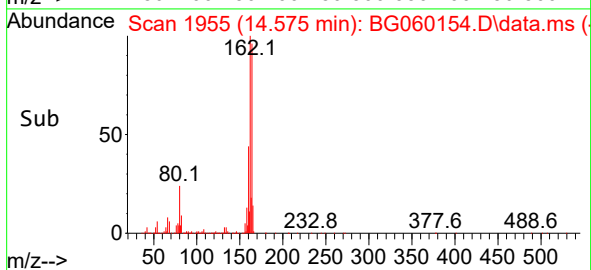
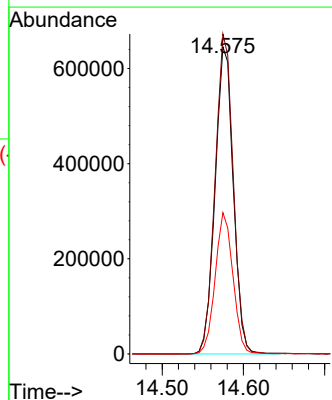
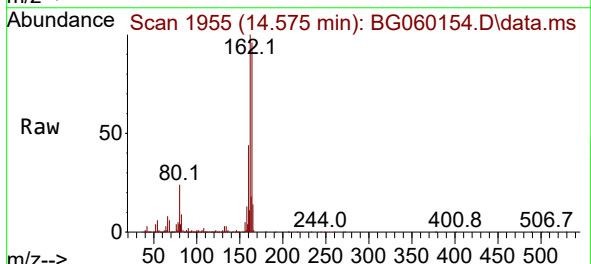
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

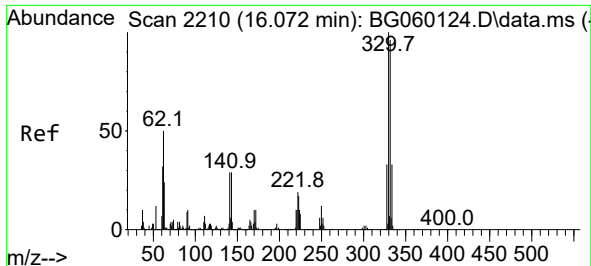
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 151.6 93.2 133.2#
77 347.7 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:164 Resp: 1002369
Ion Ratio Lower Upper
164 100
162 104.2 88.5 132.7
160 46.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 64.656 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060154.D

Acq: 23 Dec 2023 2:18

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-8

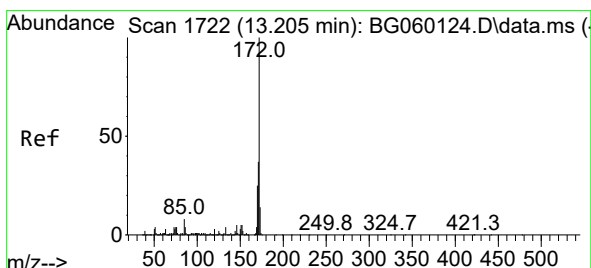
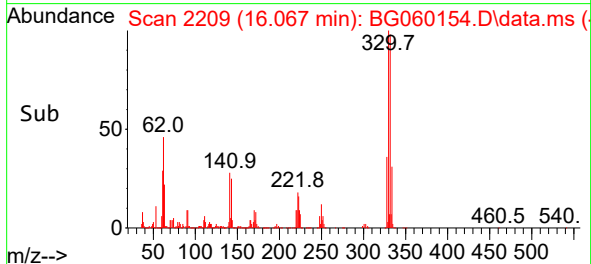
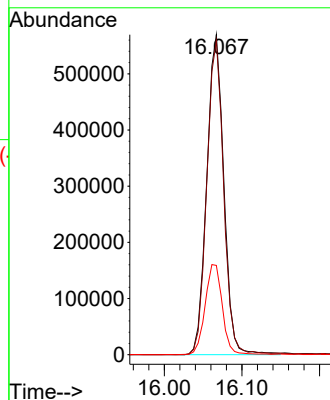
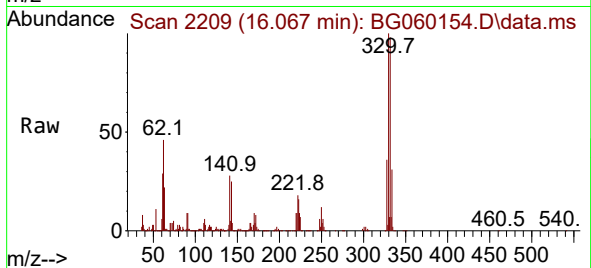
Tgt Ion:330 Resp: 872612

Ion Ratio Lower Upper

330 100

332 97.0 75.5 113.3

141 28.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 65.414 ng

RT: 13.200 min Scan# 1721

Delta R.T. -0.005 min

Lab File: BG060154.D

Acq: 23 Dec 2023 2:18

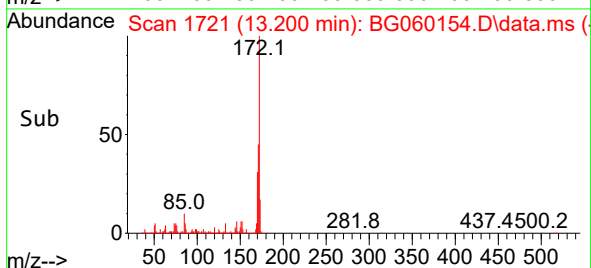
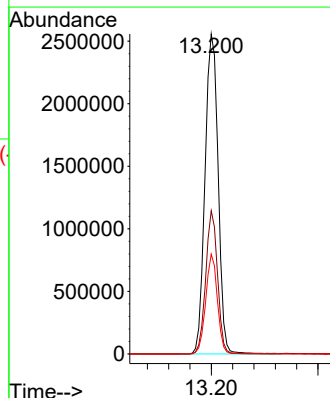
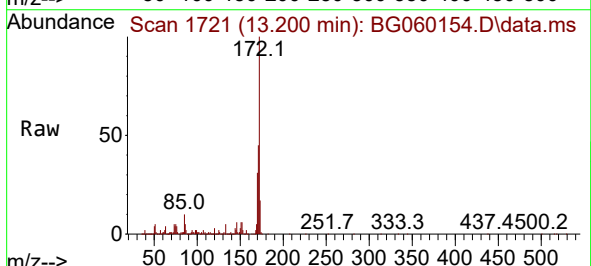
Tgt Ion:172 Resp: 4366746

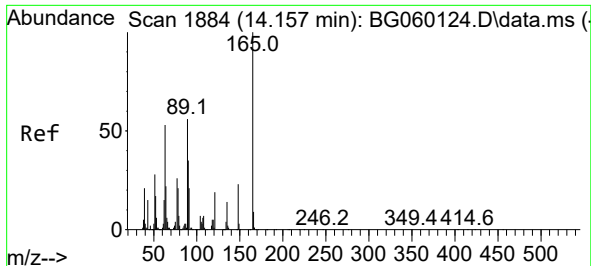
Ion Ratio Lower Upper

172 100

171 44.8 29.2 43.8#

170 31.2 20.1 30.1#

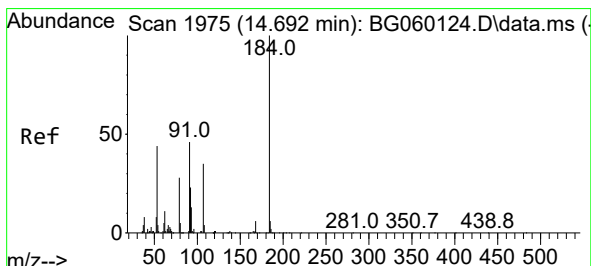
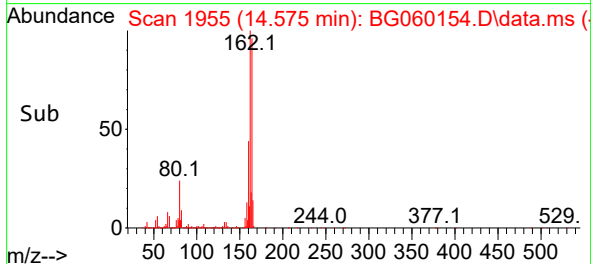
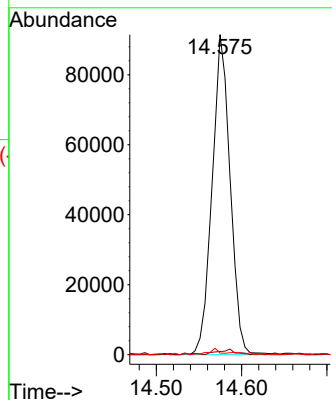
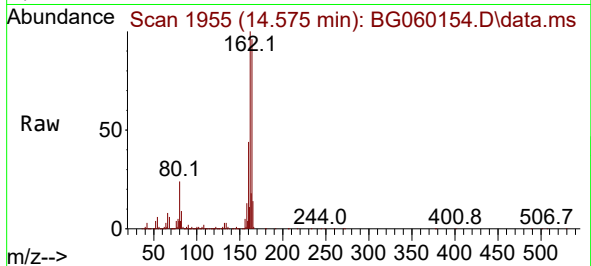




#51
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 14.575 min Scan# 1991
Delta R.T. 0.418 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

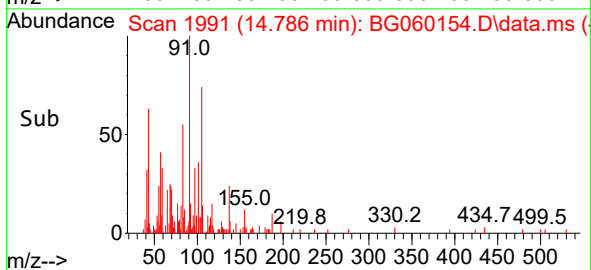
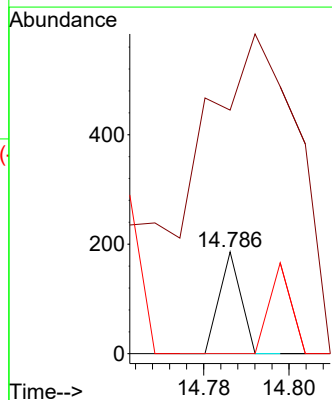
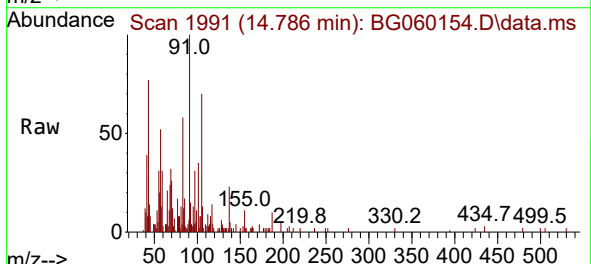
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

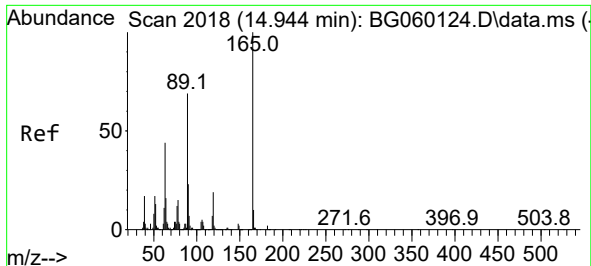
Tgt Ion:165 Resp: 134772
Ion Ratio Lower Upper
165 100
63 1.0 45.4 68.2#
89 0.5 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.624 ng
RT: 14.786 min Scan# 1991
Delta R.T. 0.094 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 239.2 48.1 72.1#
154 0.0 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.206 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG060154.D

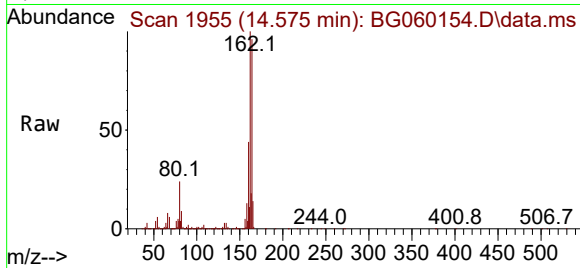
Acq: 23 Dec 2023 2:18

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-8



Tgt Ion:165 Resp: 134772

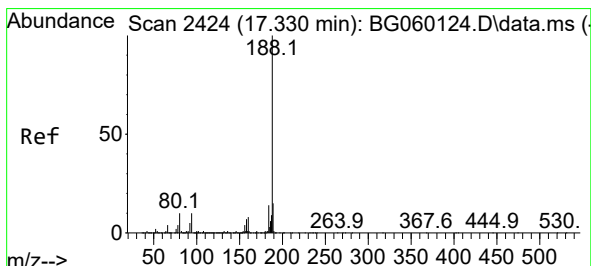
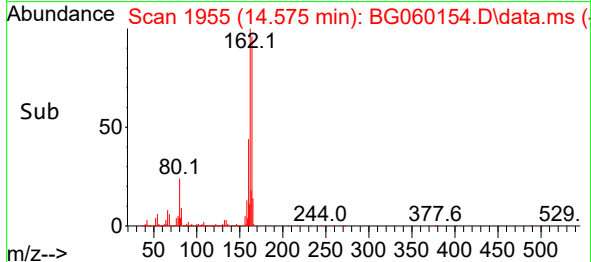
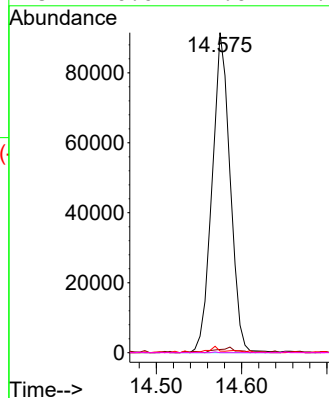
Ion Ratio Lower Upper

165 100

63 1.0 35.4 53.0#

89 0.5 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: BG060154.D

Acq: 23 Dec 2023 2:18

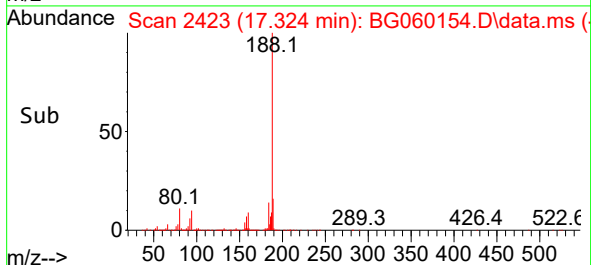
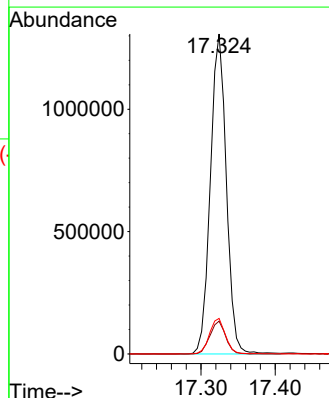
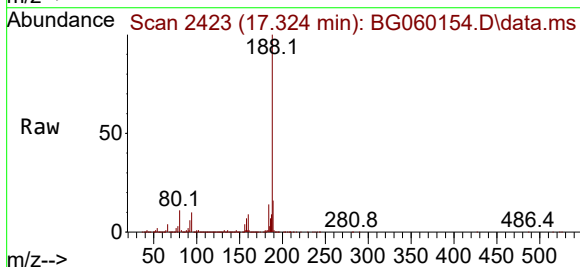
Tgt Ion:188 Resp: 1953189

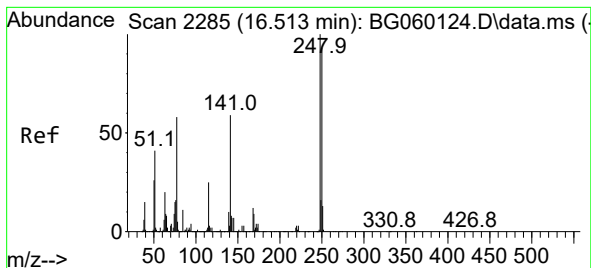
Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.1 7.9 11.9

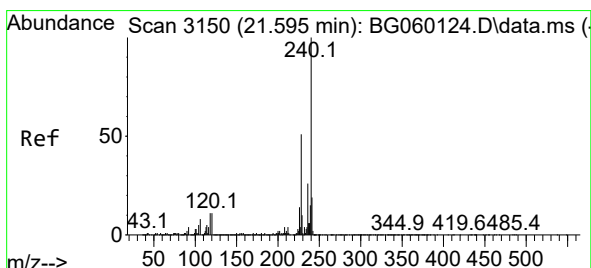
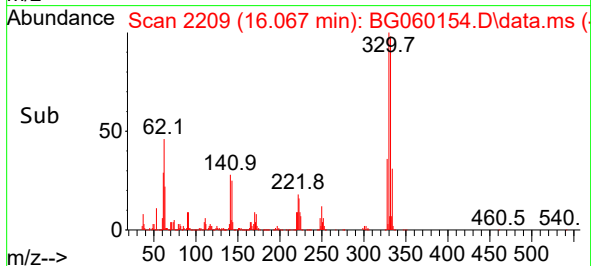
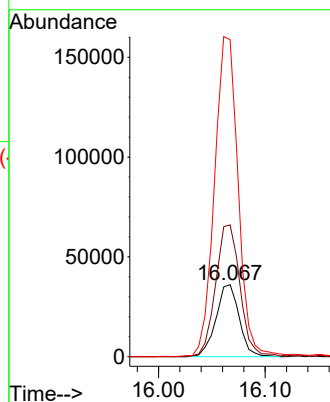
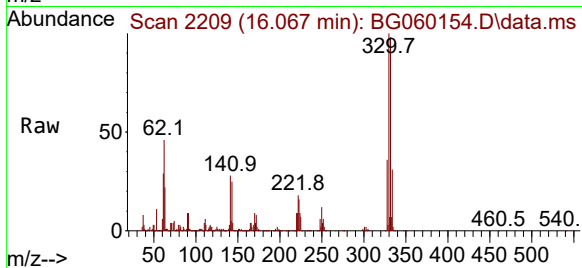




#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

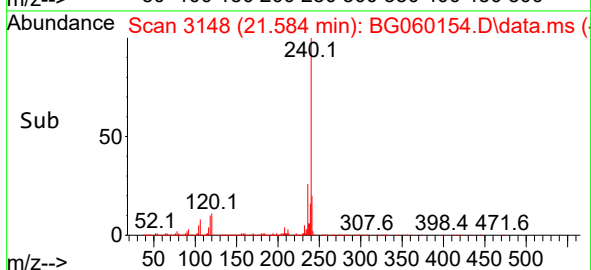
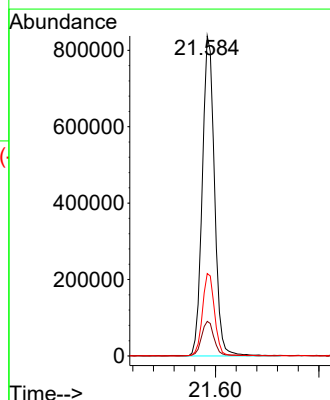
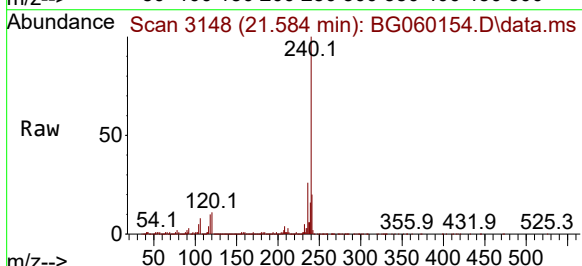
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

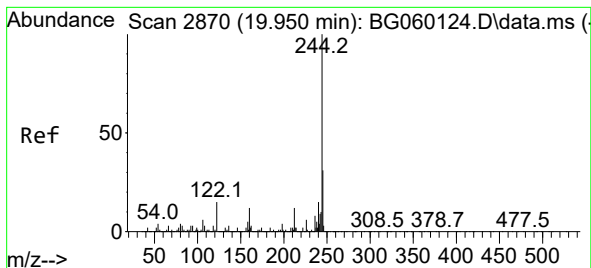
Tgt Ion:248 Resp: 54492
Ion Ratio Lower Upper
248 100
250 182.9 74.5 111.7#
141 440.2 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:240 Resp: 1372954
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 57.656 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060154.D

Acq: 23 Dec 2023 2:18

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-8

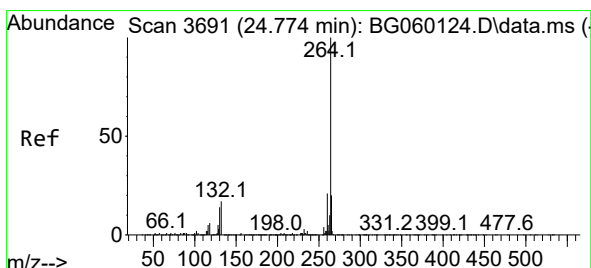
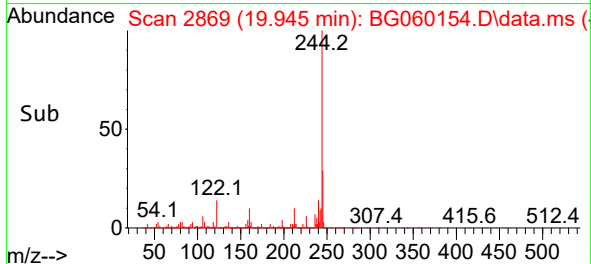
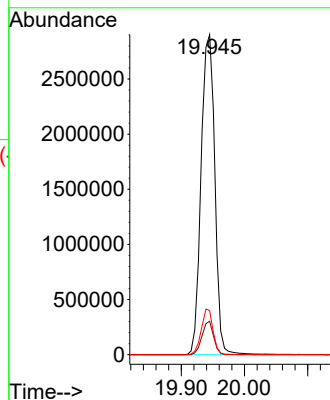
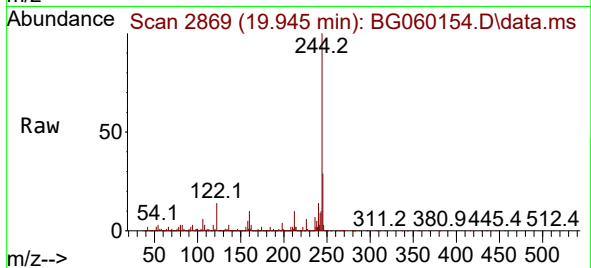
Tgt Ion:244 Resp: 4374536

Ion Ratio Lower Upper

244 100

212 10.4 9.5 14.3

122 13.8 12.2 18.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.757 min Scan# 3688

Delta R.T. -0.017 min

Lab File: BG060154.D

Acq: 23 Dec 2023 2:18

Tgt Ion:264 Resp: 1508949

Ion Ratio Lower Upper

264 100

260 23.0 17.1 25.7

265 20.8 16.0 24.0

