

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060150.D
 Acq On : 22 Dec 2023 23:36
 Operator : MA/JU
 Sample : 05929-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-3

Quant Time: Dec 25 00:41:28 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)

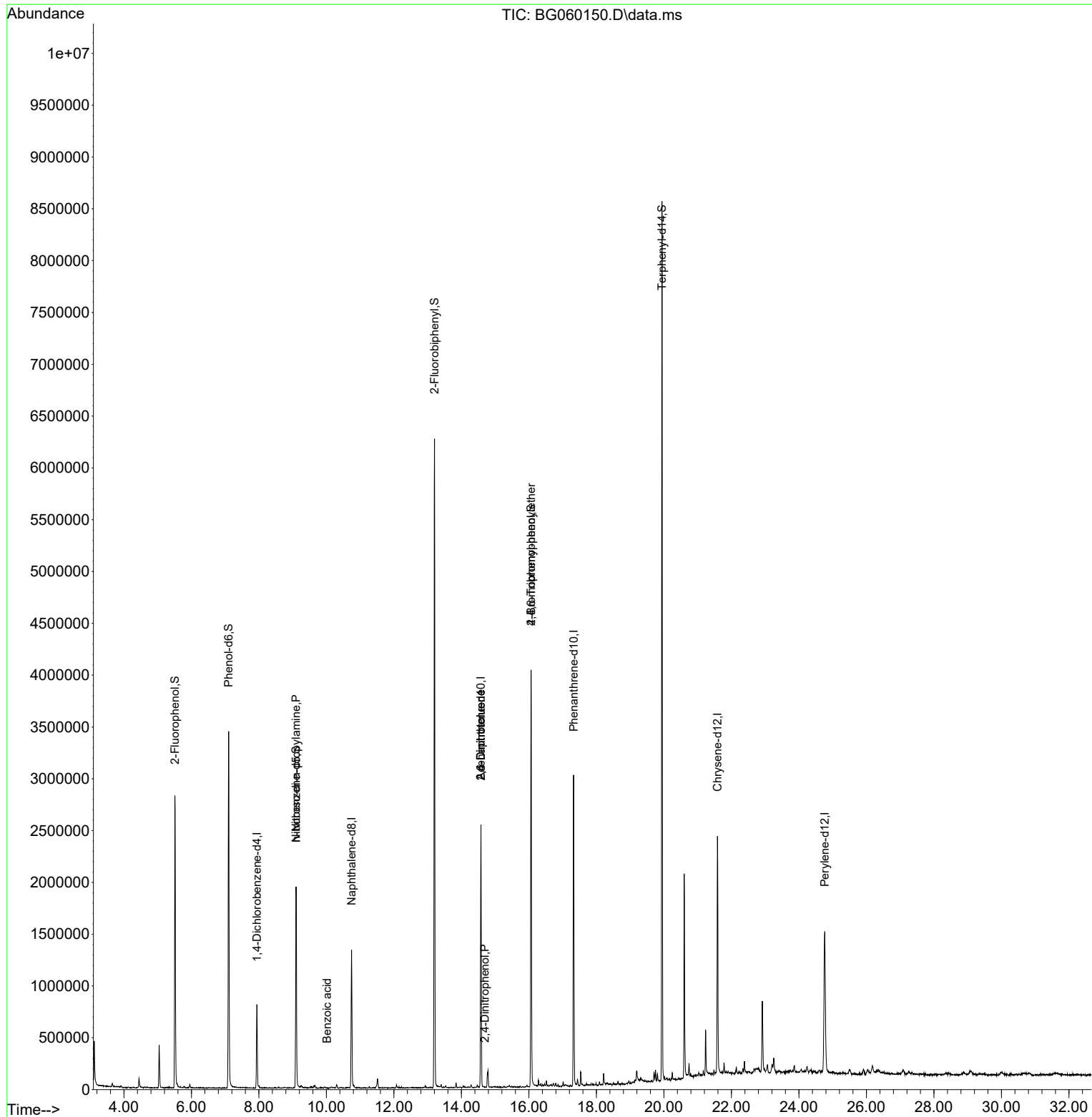
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	243712	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1154331	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	890701	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	2019488	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1342371	20.000	ng	0.00
86) Perylene-d12	24.764	264	1493827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1345466	86.991	ng	0.00
7) Phenol-d6	7.103	99	2193542	84.270	ng	0.00
23) Nitrobenzene-d5	9.100	82	1279778	54.311	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	811808	67.692	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3438138	57.960	ng	0.00
79) Terphenyl-d14	19.941	244	4070905	54.876	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	157253	7.769	ng	# 79
32) Benzoic acid	10.017	122	67	5.092	ng	# 42
51) 2,6-Dinitrotoluene	14.576	165	119432	7.621	ng	# 24
54) 2,4-Dinitrophenol	14.694	184	105	6.628	ng	# 22
57) 2,4-Dinitrotoluene	14.576	165	119432	5.192	ng	# 24
67) 4-Bromophenyl-phenylether	16.063	248	50957	2.678	ng	# 1

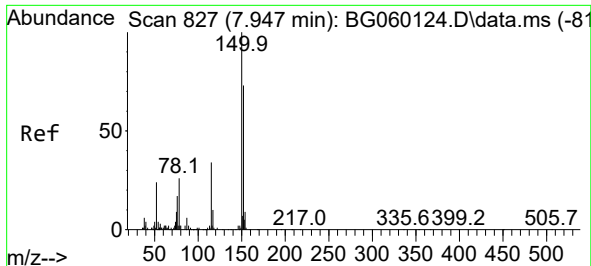
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060150.D
Acq On : 22 Dec 2023 23:36
Operator : MA/JU
Sample : 05929-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

Quant Time: Dec 25 00:41:28 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

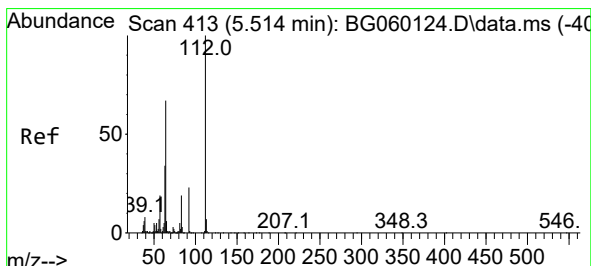
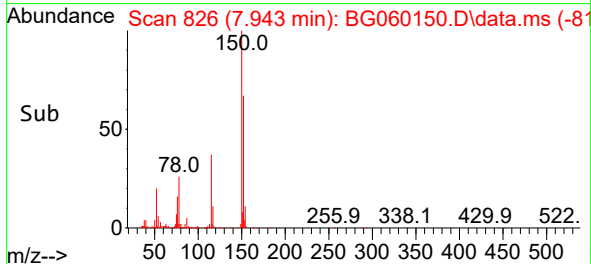
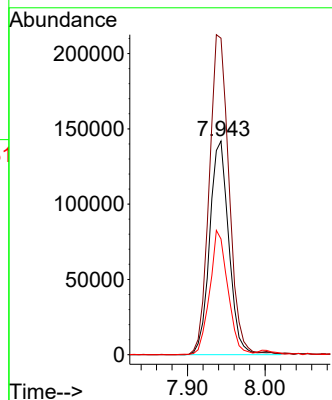
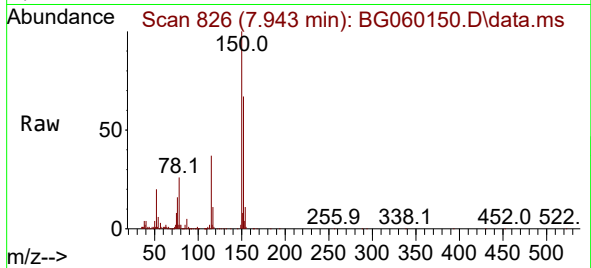




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

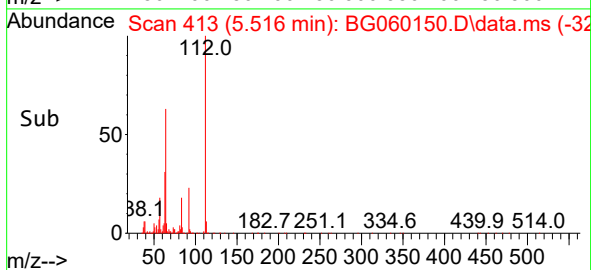
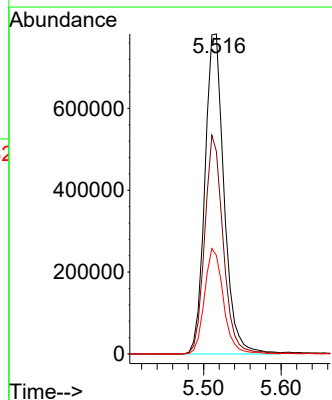
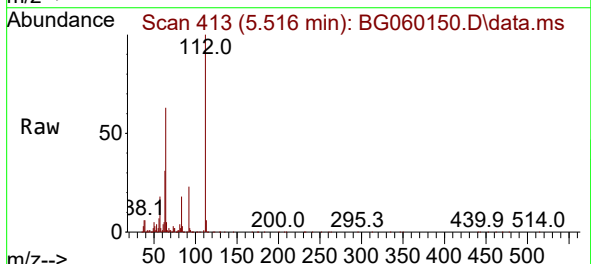
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

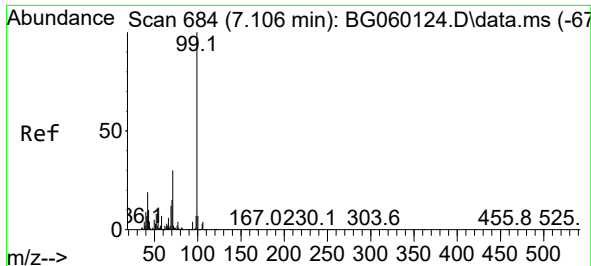
Tgt Ion:152 Resp: 243712
Ion Ratio Lower Upper
152 100
150 148.2 109.4 164.0
115 54.2 36.5 54.7



#5
2-Fluorophenol
Concen: 86.991 ng
RT: 5.516 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

Tgt Ion:112 Resp: 1345466
Ion Ratio Lower Upper
112 100
64 63.4 53.3 79.9
63 30.8 27.1 40.7

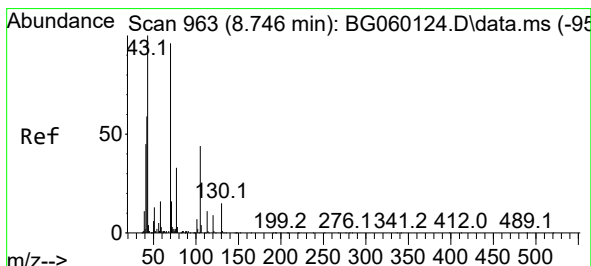
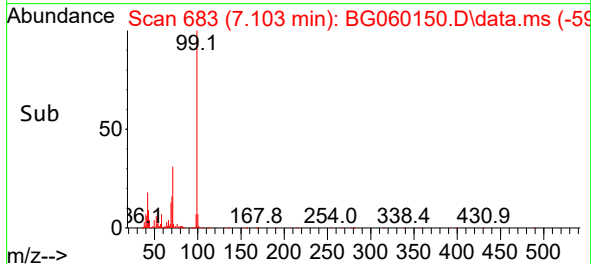
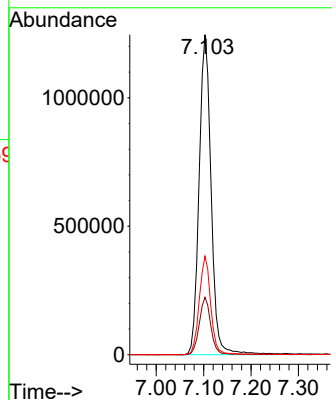
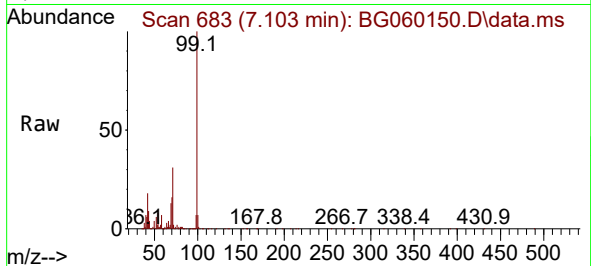




#7
Phenol-d6
Concen: 84.270 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

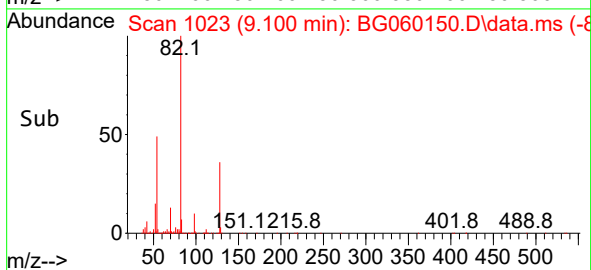
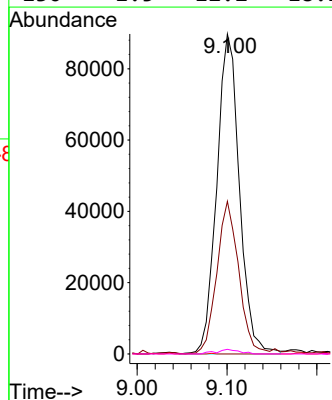
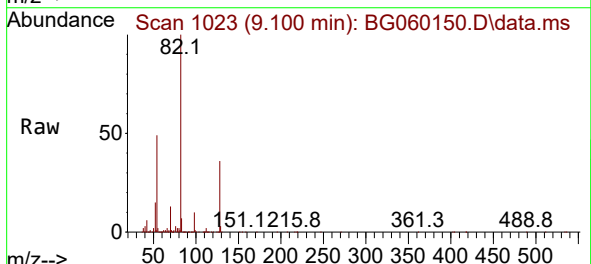
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

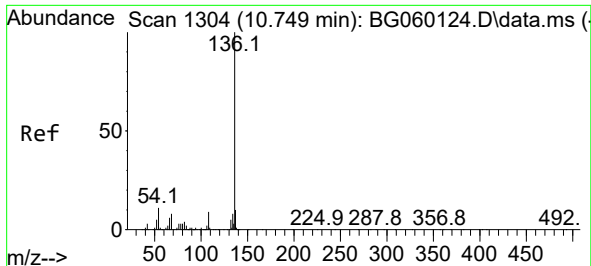
Tgt Ion: 99 Resp: 2193542
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 30.7 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.769 ng
RT: 9.100 min Scan# 1023
Delta R.T. 0.355 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

Tgt Ion: 70 Resp: 157253
Ion Ratio Lower Upper
70 100
42 47.7 49.6 74.4#
101 0.0 6.2 9.4#
130 1.5 12.2 18.2#

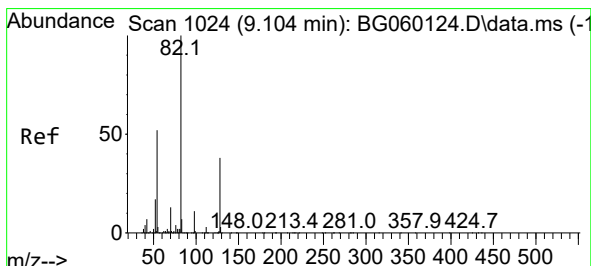
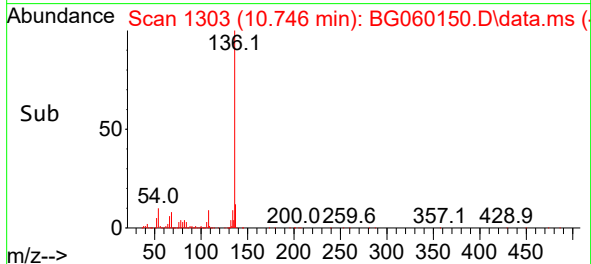
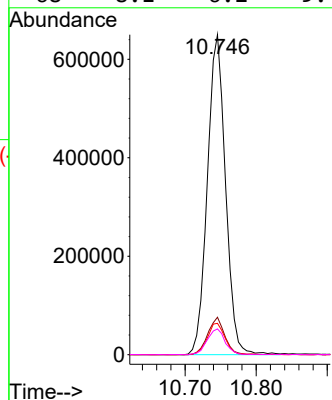
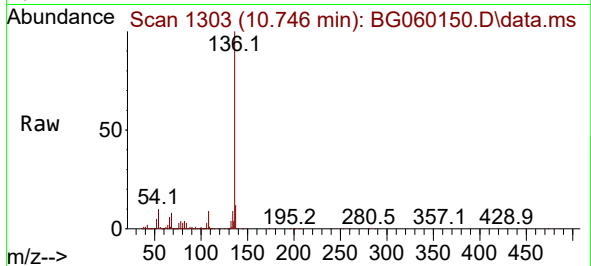




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

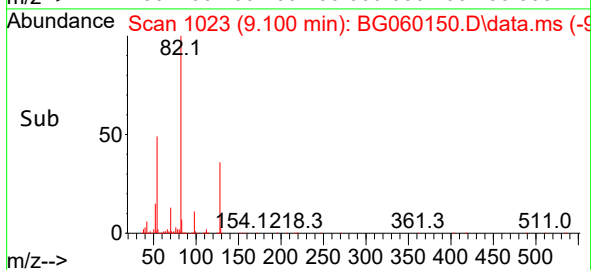
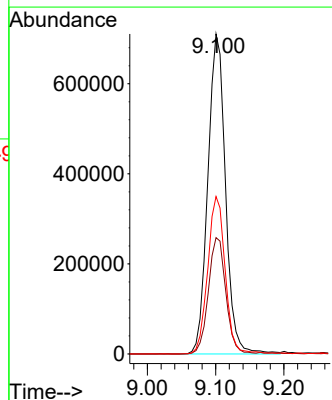
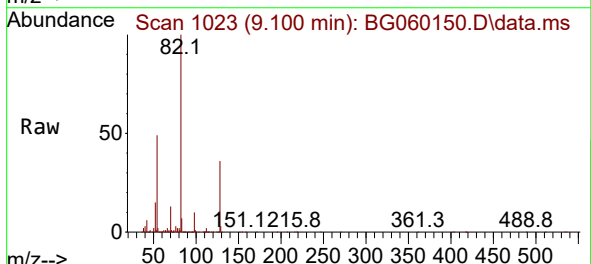
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

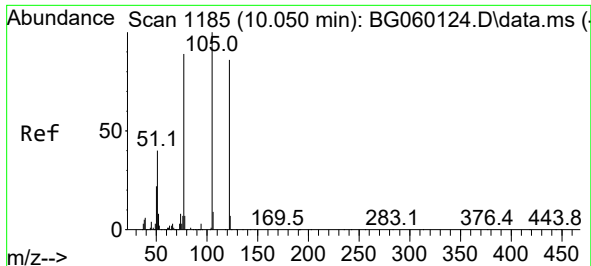
Tgt Ion:136 Resp: 1154331
Ion Ratio Lower Upper
136 100
137 11.7 8.1 12.1
54 9.8 8.7 13.1
68 8.1 6.2 9.4



#23
Nitrobenzene-d5
Concen: 54.311 ng
RT: 9.100 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

Tgt Ion: 82 Resp: 1279778
Ion Ratio Lower Upper
82 100
128 36.4 30.5 45.7
54 49.2 41.9 62.9

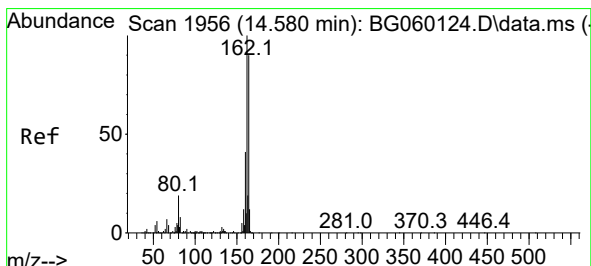
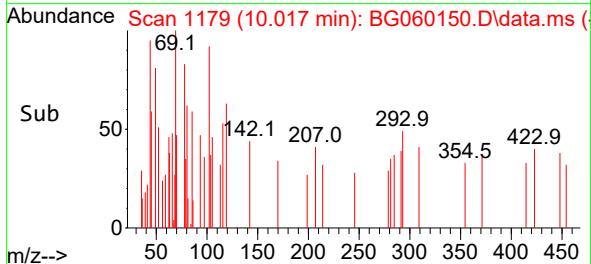
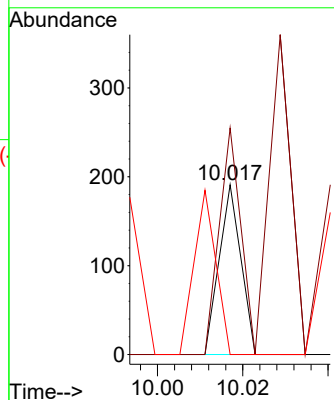
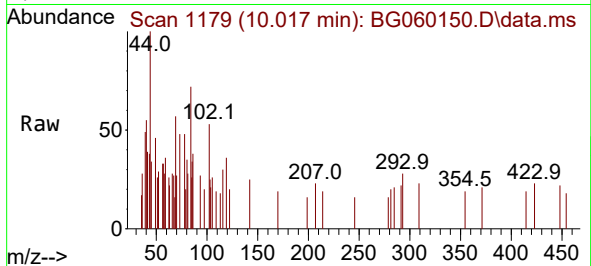




#32
Benzoic acid
Concen: 5.092 ng
RT: 10.017 min Scan# 1185
Delta R.T. -0.033 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

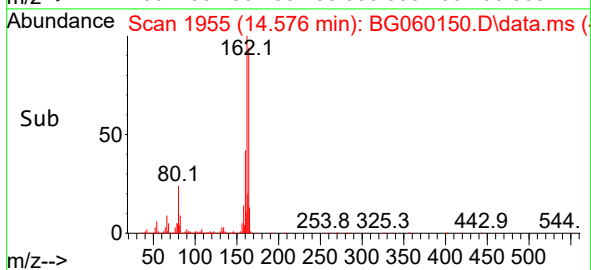
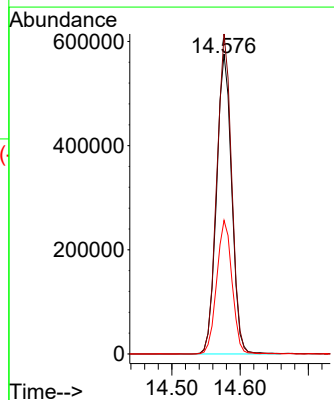
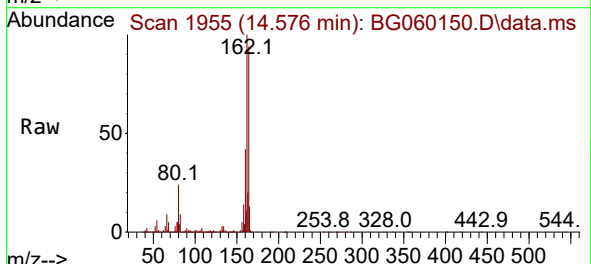
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

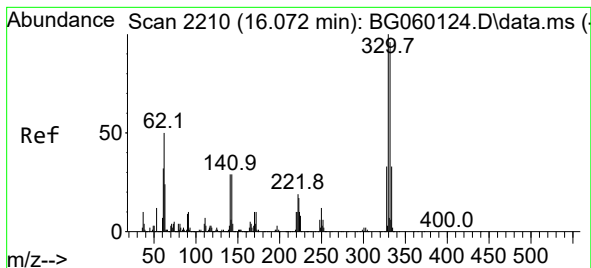
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 133.5 93.2 133.2#
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. -0.004 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

Tgt Ion:164 Resp: 890701
Ion Ratio Lower Upper
164 100
162 106.7 88.5 132.7
160 44.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 67.692 ng

RT: 16.063 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060150.D

Acq: 22 Dec 2023 23:36

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-3

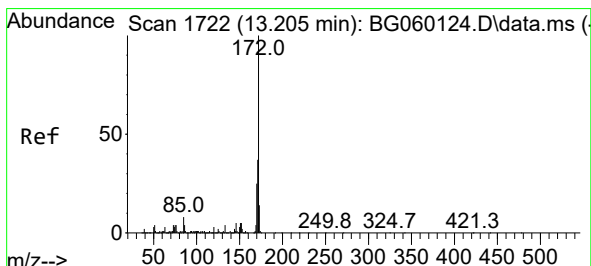
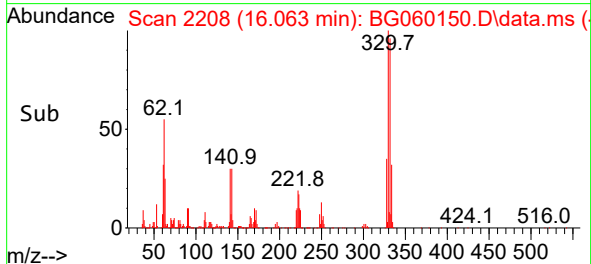
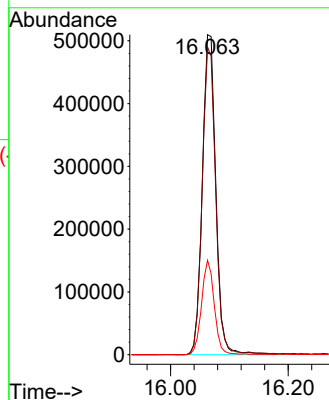
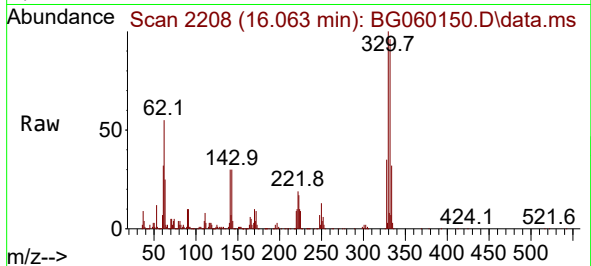
Tgt Ion:330 Resp: 811808

Ion Ratio Lower Upper

330 100

332 94.9 75.5 113.3

141 27.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 57.960 ng

RT: 13.202 min Scan# 1721

Delta R.T. -0.004 min

Lab File: BG060150.D

Acq: 22 Dec 2023 23:36

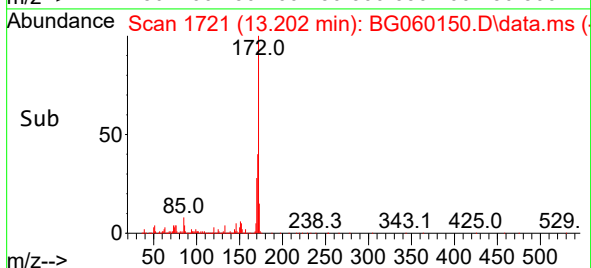
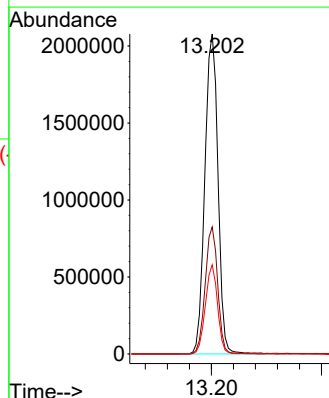
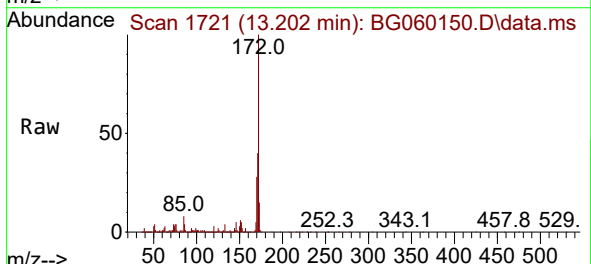
Tgt Ion:172 Resp: 3438138

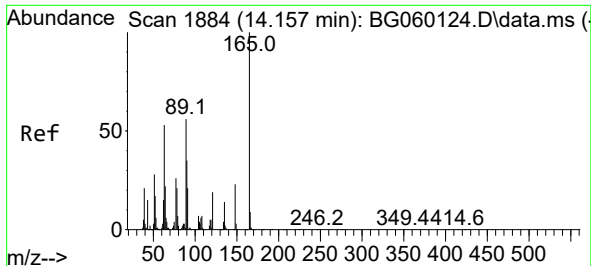
Ion Ratio Lower Upper

172 100

171 39.7 29.2 43.8

170 27.9 20.1 30.1

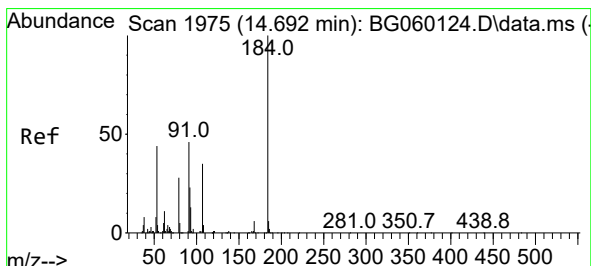
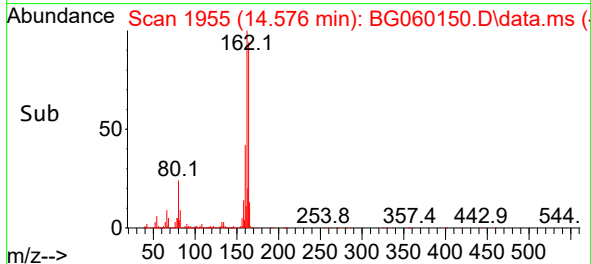
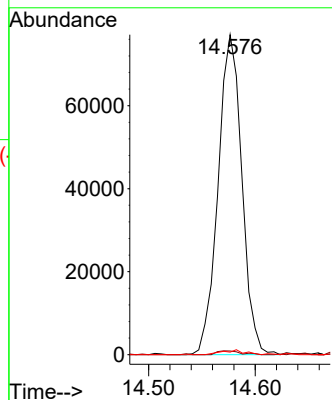
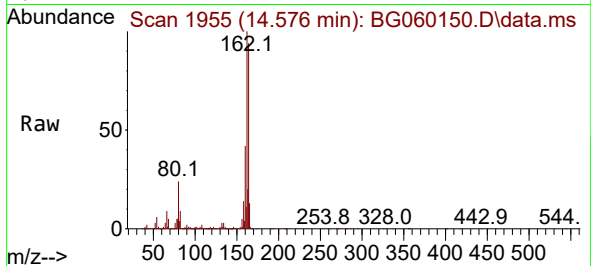




#51
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

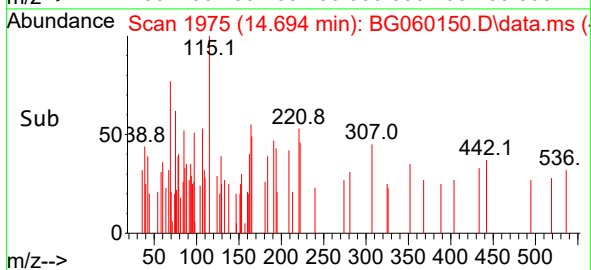
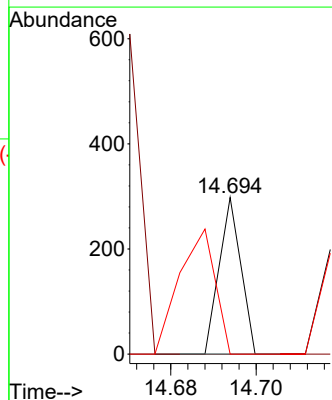
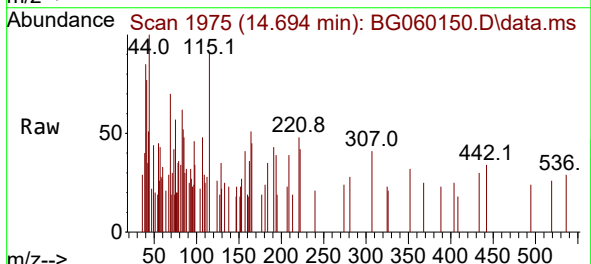
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

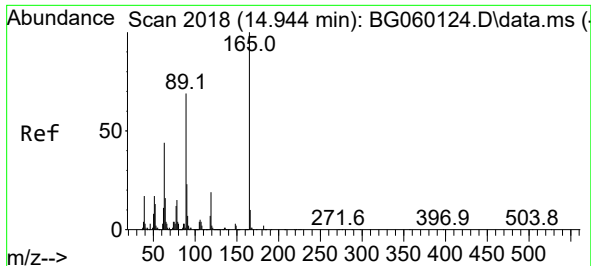
Tgt Ion:165 Resp: 119432
Ion Ratio Lower Upper
165 100
63 1.1 45.4 68.2#
89 0.8 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.628 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

Tgt Ion:184 Resp: 105
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 0.0 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.192 ng

RT: 14.576 min Scan# 1955

Delta R.T. -0.368 min

Lab File: BG060150.D

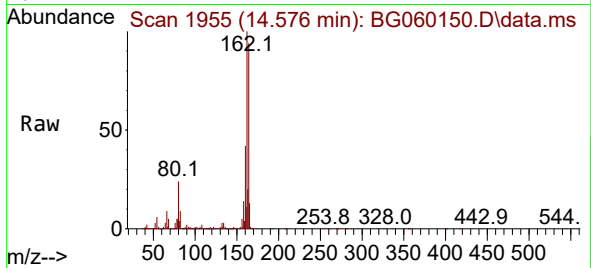
Acq: 22 Dec 2023 23:36

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-3



Tgt Ion:165 Resp: 119432

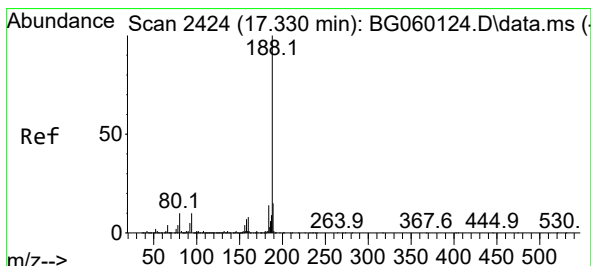
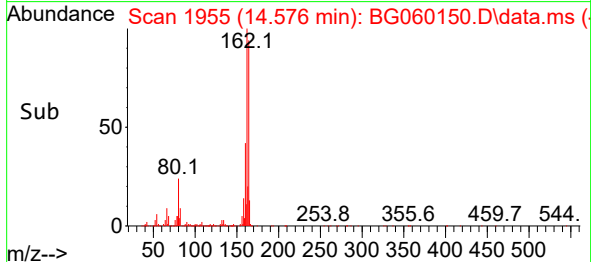
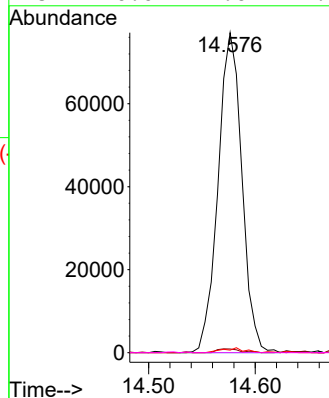
Ion Ratio Lower Upper

165 100

63 1.1 35.4 53.0#

89 0.8 55.6 83.4#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2423

Delta R.T. -0.004 min

Lab File: BG060150.D

Acq: 22 Dec 2023 23:36

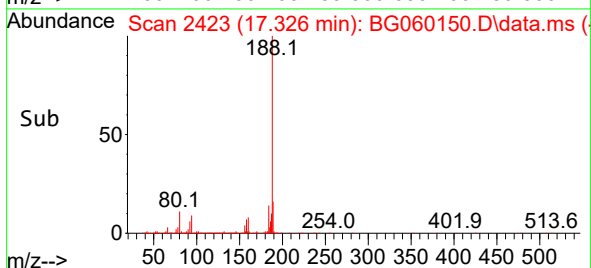
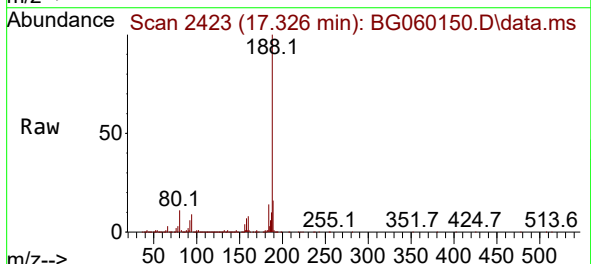
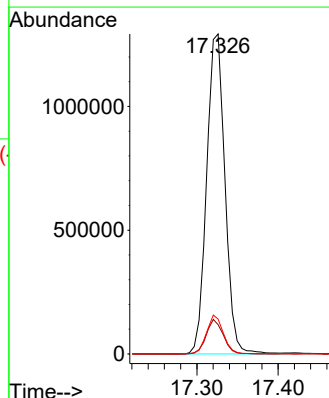
Tgt Ion:188 Resp: 2019488

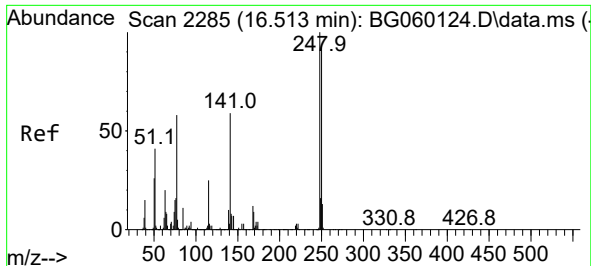
Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.9 7.9 11.9

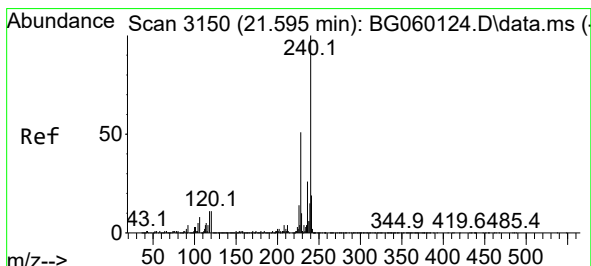
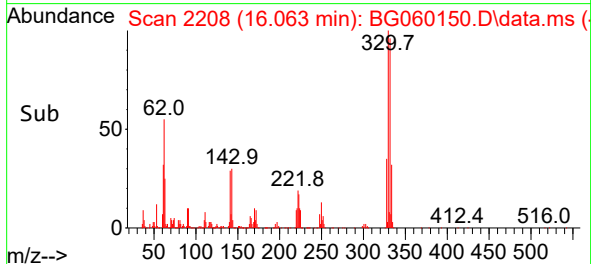
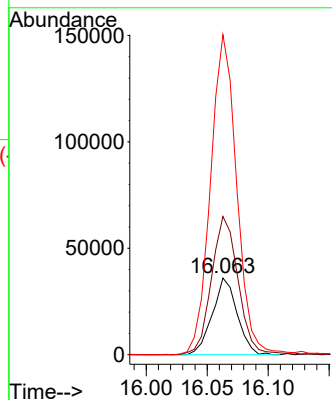
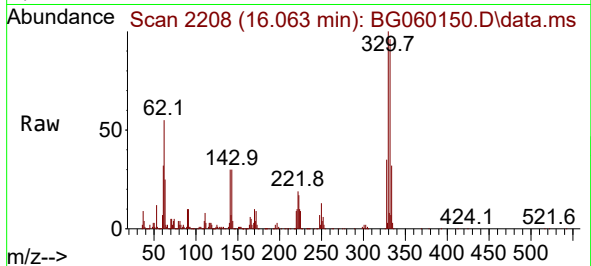




#67
4-Bromophenyl-phenylether
Concen: 2.678 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

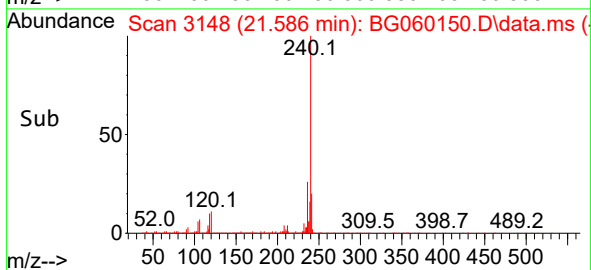
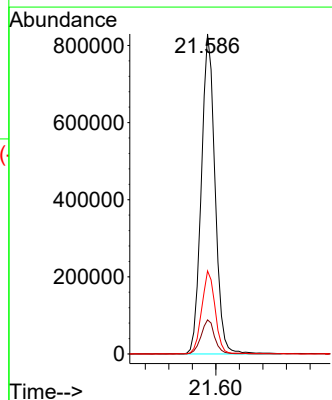
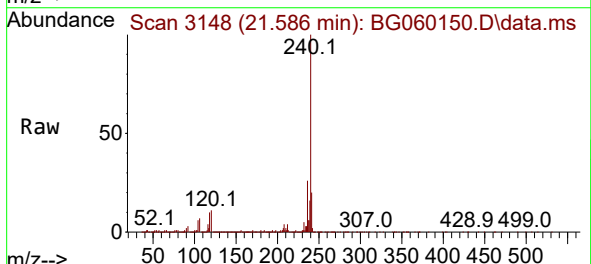
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-3

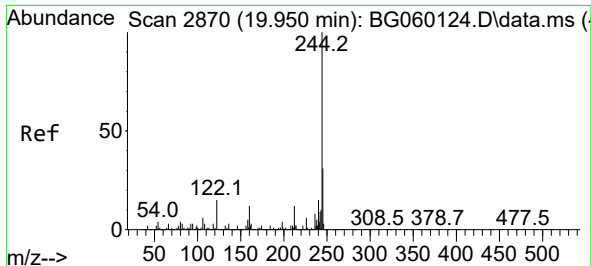
Tgt Ion:248 Resp: 50957
Ion Ratio Lower Upper
248 100
250 180.5 74.5 111.7#
141 417.7 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060150.D
Acq: 22 Dec 2023 23:36

Tgt Ion:240 Resp: 1342371
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 54.876 ng

RT: 19.941 min Scan# 2868

Delta R.T. -0.009 min

Lab File: BG060150.D

Acq: 22 Dec 2023 23:36

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-3

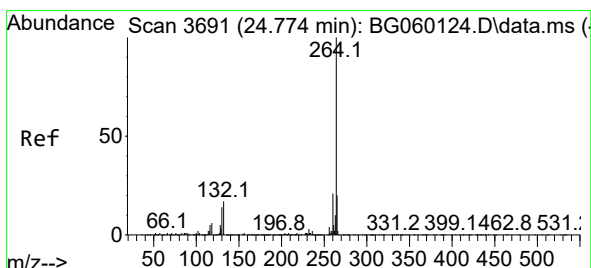
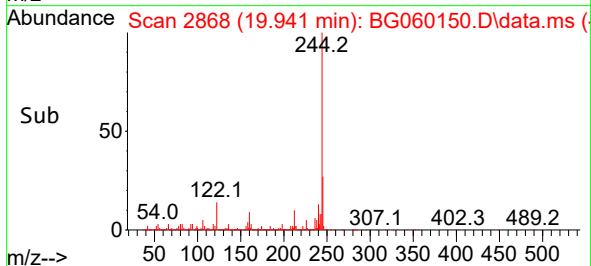
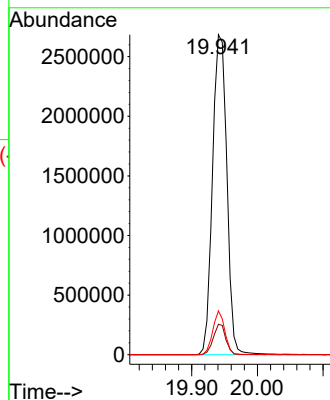
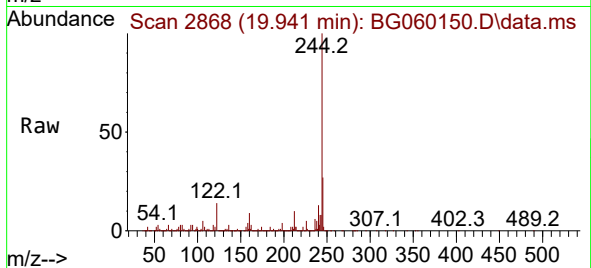
Tgt Ion:244 Resp: 4070905

Ion Ratio Lower Upper

244 100

212 9.5 9.5 14.3#

122 13.7 12.2 18.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.764 min Scan# 3689

Delta R.T. -0.009 min

Lab File: BG060150.D

Acq: 22 Dec 2023 23:36

Tgt Ion:264 Resp: 1493827

Ion Ratio Lower Upper

264 100

260 23.2 17.1 25.7

265 19.6 16.0 24.0

