

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060153.D
 Acq On : 23 Dec 2023 1:38
 Operator : MA/JU
 Sample : 05929-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-7

Quant Time: Dec 25 00:42:14 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)

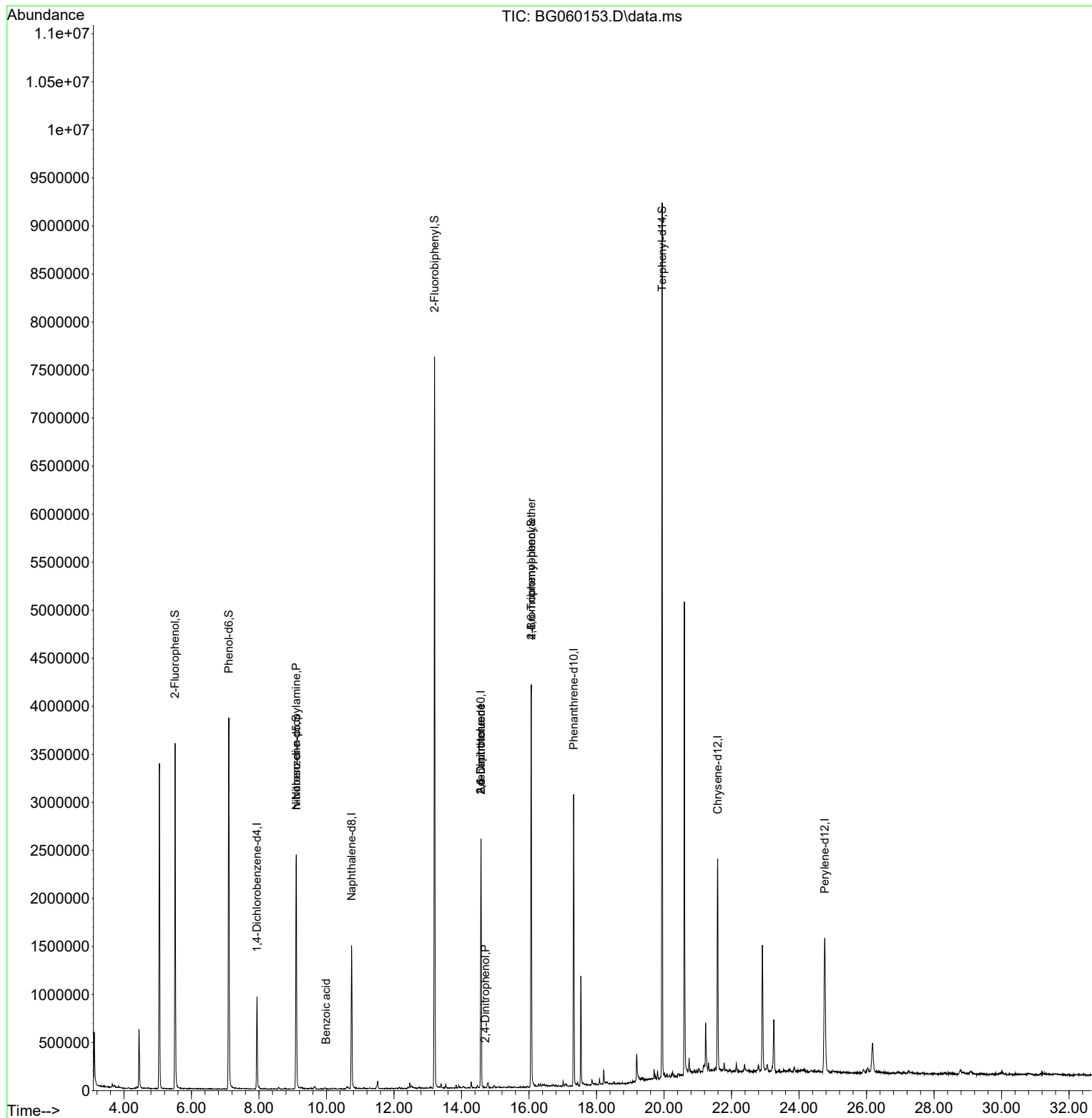
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	287803	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	1283194	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	951058	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	2023676	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1338219	20.000	ng	0.00
86) Perylene-d12	24.762	264	1518940	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1653212	90.513	ng	0.00
7) Phenol-d6	7.106	99	2504400	81.473	ng	0.00
23) Nitrobenzene-d5	9.103	82	1601968	61.157	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	866876	67.697	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3968659	62.658	ng	0.00
79) Terphenyl-d14	19.944	244	4220835	57.074	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.103	70	202591	8.476	ng	# 79
32) Benzoic acid	9.985	122	216	5.100	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	127384	7.613	ng	# 24
54) 2,4-Dinitrophenol	14.703	184	118	6.629	ng	# 22
57) 2,4-Dinitrotoluene	14.574	165	127384	5.186	ng	# 24
67) 4-Bromophenyl-phenylether	16.066	248	54235	2.845	ng	# 1

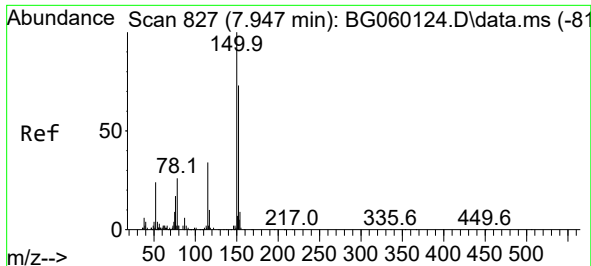
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

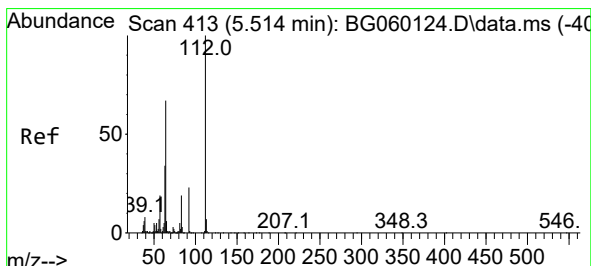
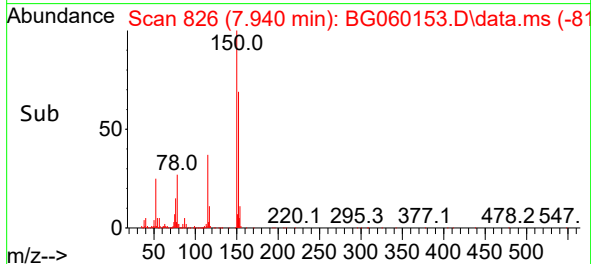
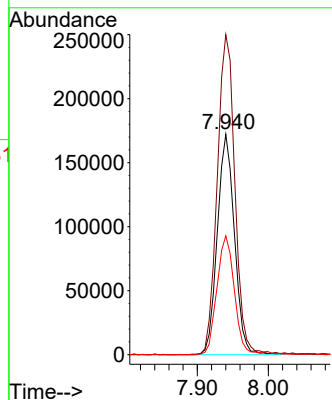
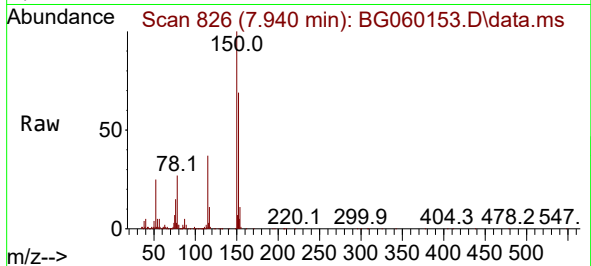




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

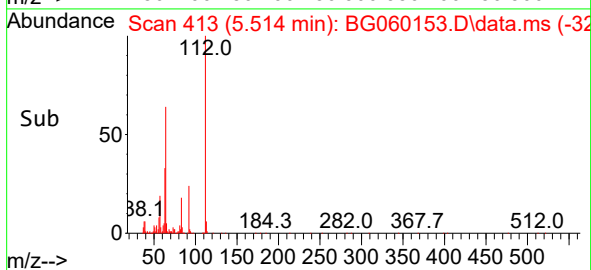
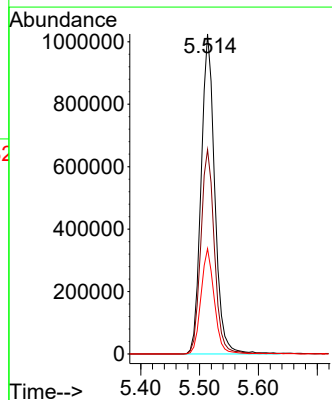
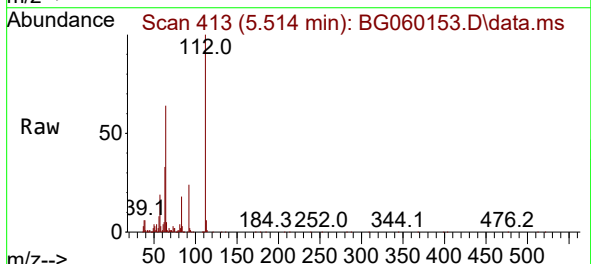
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-7

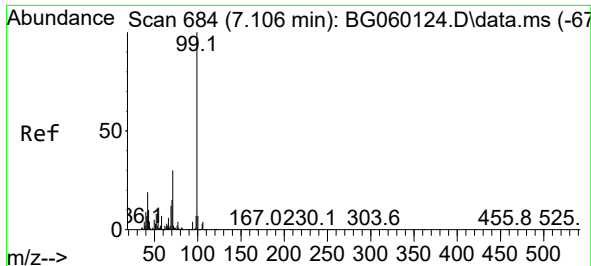
Tgt Ion:152 Resp: 287803
Ion Ratio Lower Upper
152 100
150 145.2 109.4 164.0
115 53.9 36.5 54.7



#5
2-Fluorophenol
Concen: 90.513 ng
RT: 5.514 min Scan# 413
Delta R.T. -0.001 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion:112 Resp: 1653212
Ion Ratio Lower Upper
112 100
64 63.9 53.3 79.9
63 32.9 27.1 40.7

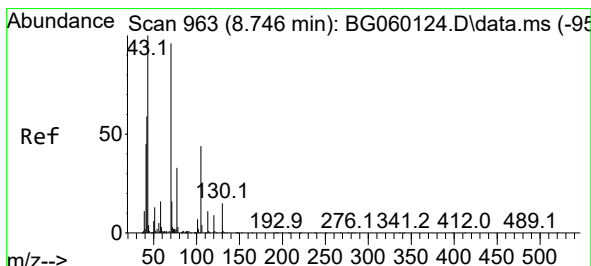
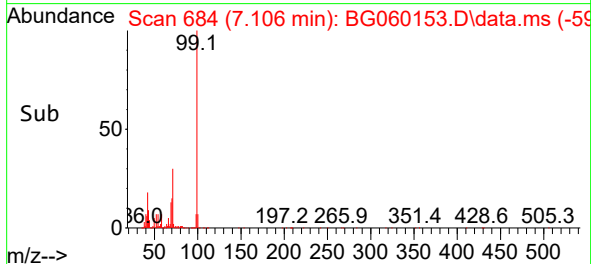
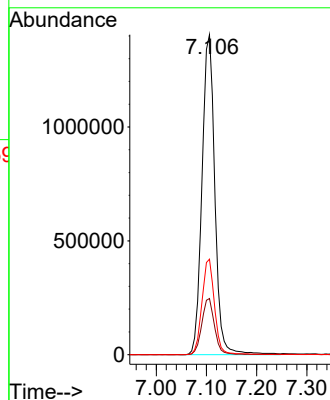
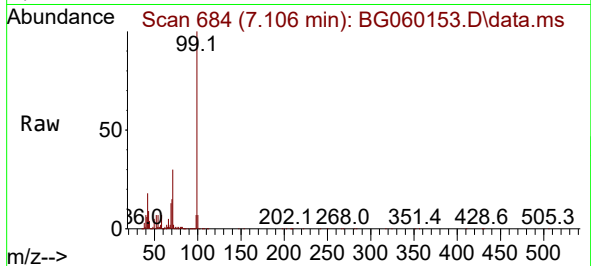




#7
Phenol-d6
Concen: 81.473 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

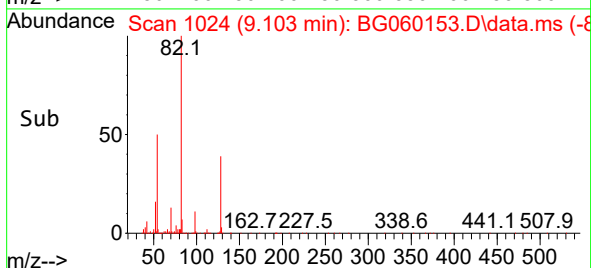
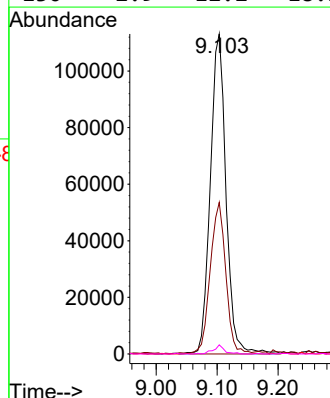
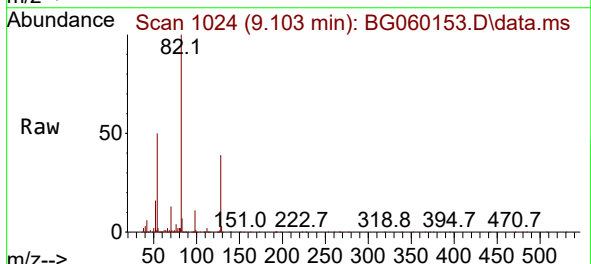
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-7

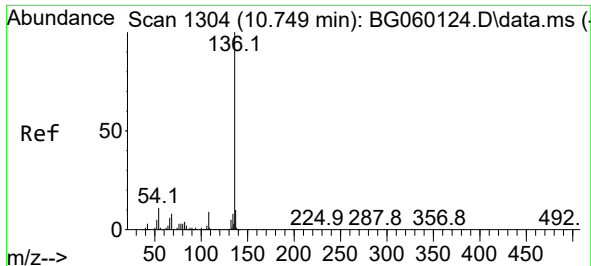
Tgt Ion: 99 Resp: 2504400
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 29.8 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.476 ng
RT: 9.103 min Scan# 1024
Delta R.T. 0.358 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion: 70 Resp: 202591
Ion Ratio Lower Upper
70 100
42 47.3 49.6 74.4#
101 0.0 6.2 9.4#
130 2.9 12.2 18.2#

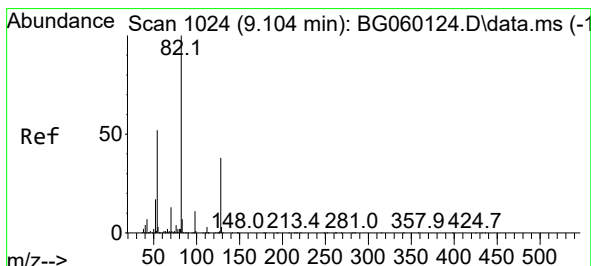
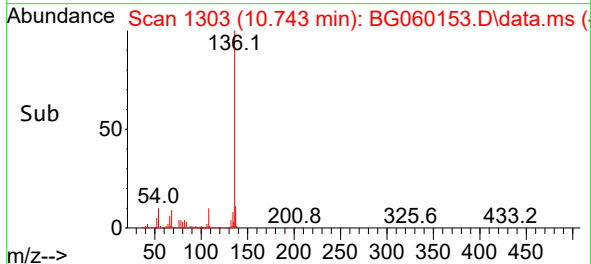
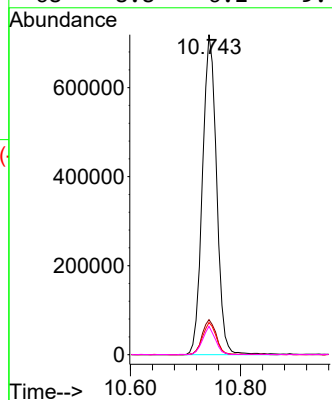
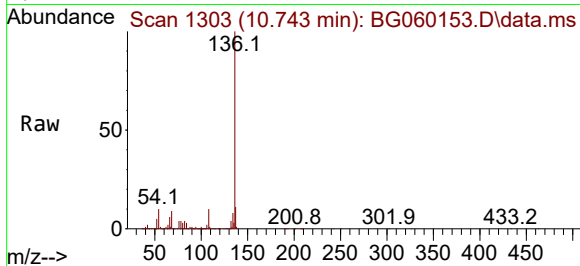




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

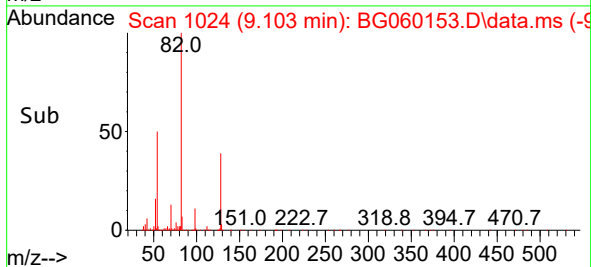
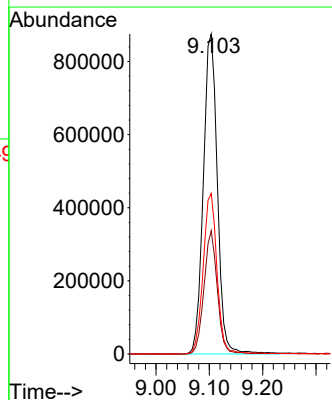
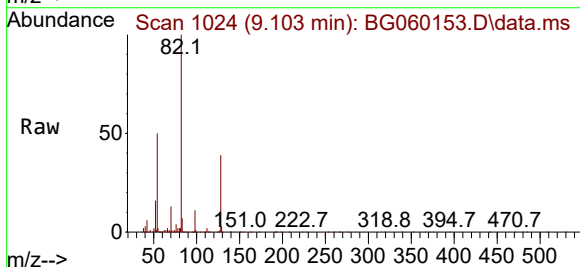
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-7

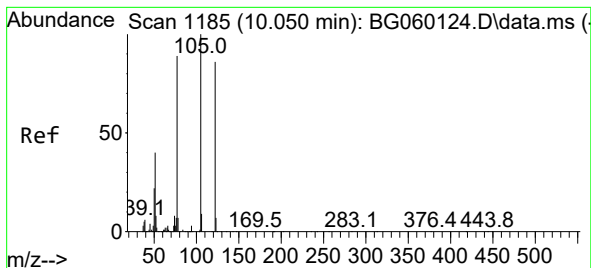
Tgt Ion:136 Resp: 1283194
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 10.0 8.7 13.1
68 8.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 61.157 ng
RT: 9.103 min Scan# 1024
Delta R.T. -0.001 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion: 82 Resp: 1601968
Ion Ratio Lower Upper
82 100
128 38.5 30.5 45.7
54 50.2 41.9 62.9

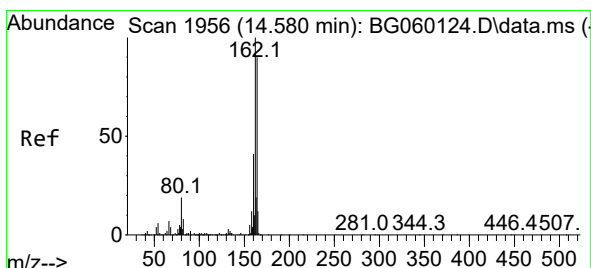
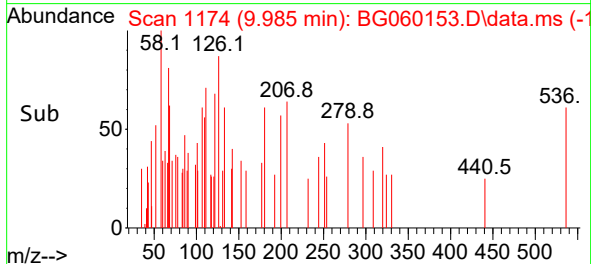
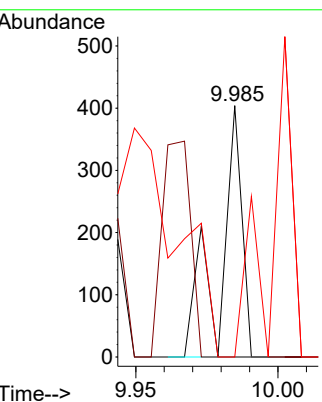
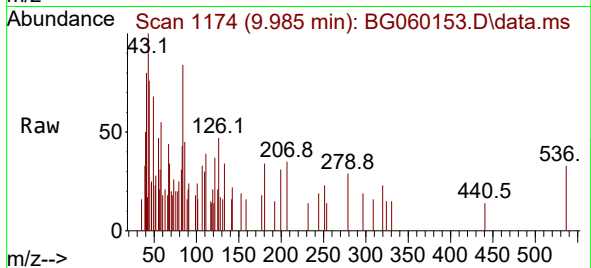




#32
Benzoic acid
Concen: 5.100 ng
RT: 9.985 min Scan# 1185
Delta R.T. -0.065 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

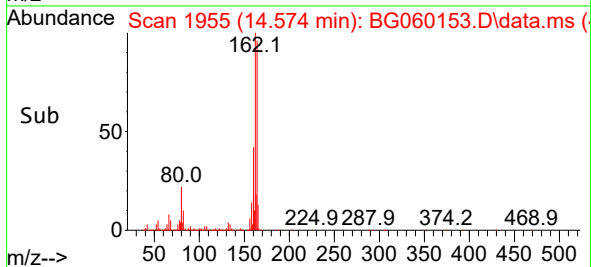
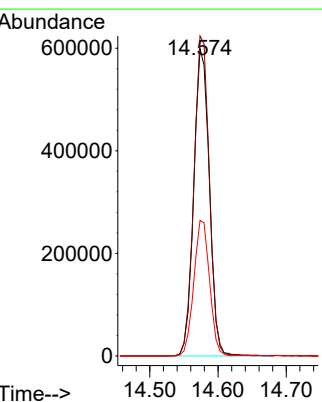
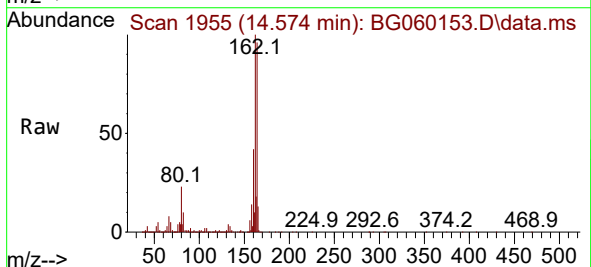
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-7

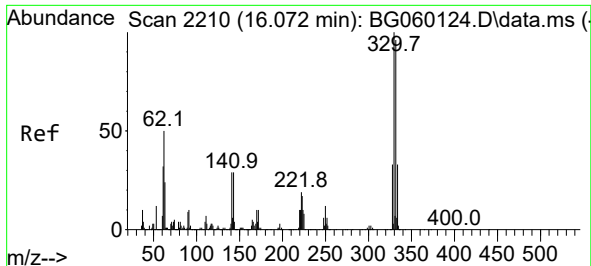
Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion:164 Resp: 951058
Ion Ratio Lower Upper
164 100
162 104.2 88.5 132.7
160 44.1 36.2 54.2

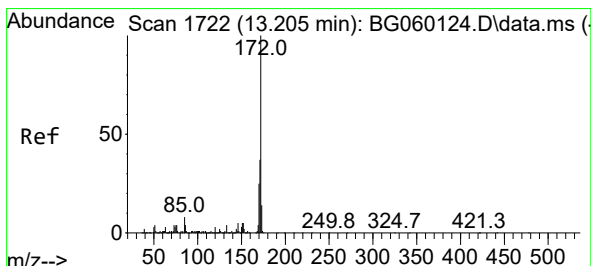
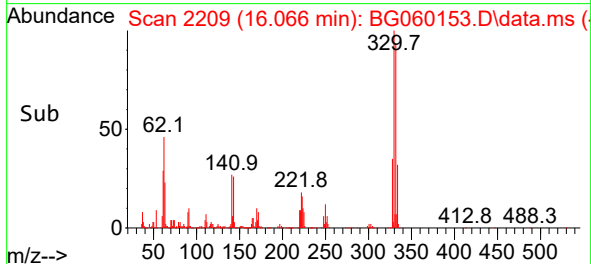
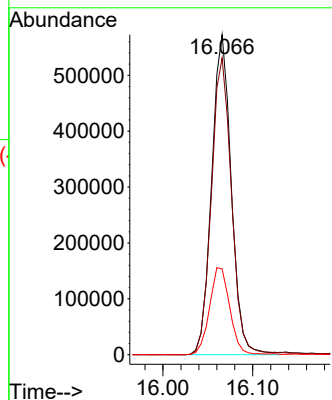
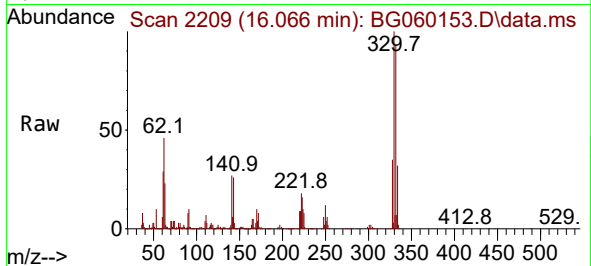




#42
2,4,6-Tribromophenol
Concen: 67.697 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

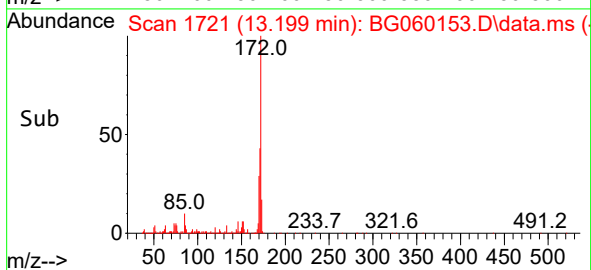
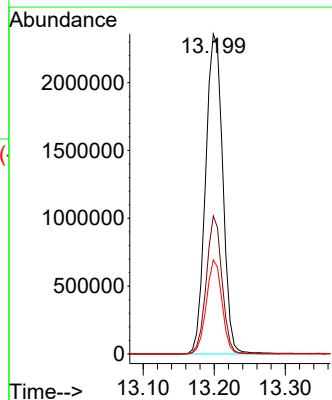
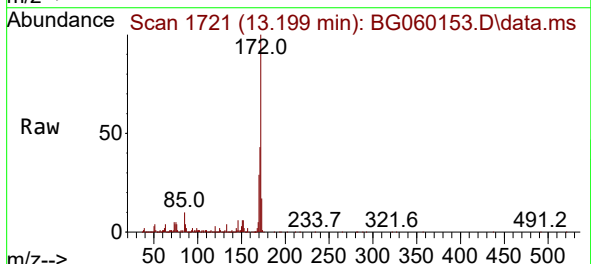
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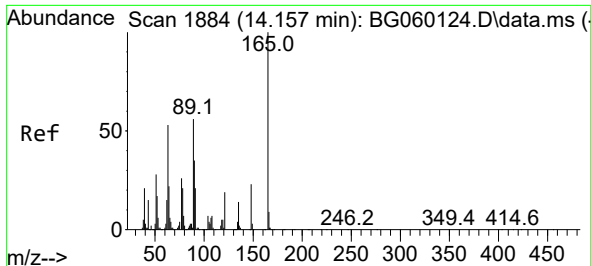
Tgt Ion:330 Resp: 866876
Ion Ratio Lower Upper
330 100
332 95.7 75.5 113.3
141 28.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 62.658 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion:172 Resp: 3968659
Ion Ratio Lower Upper
172 100
171 43.2 29.2 43.8
170 29.4 20.1 30.1

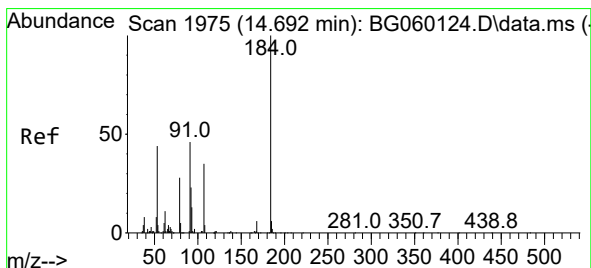
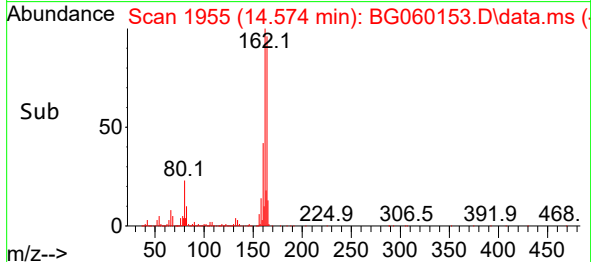
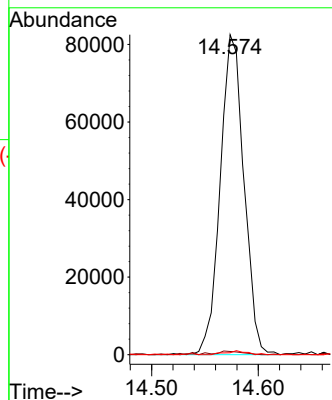
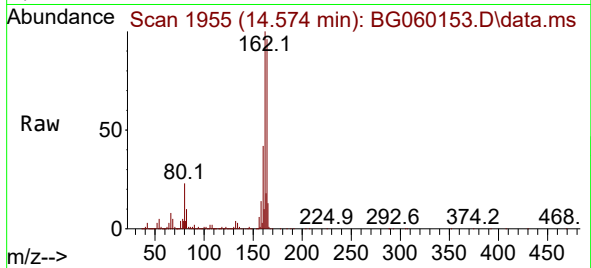




#51
2,6-Dinitrotoluene
Concen: 7.613 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.417 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

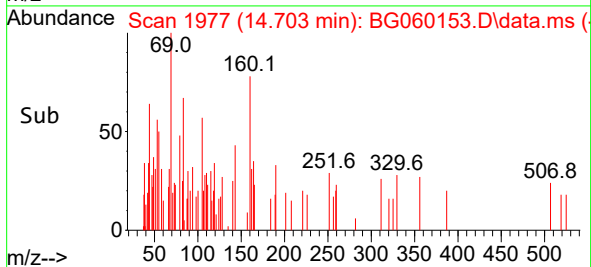
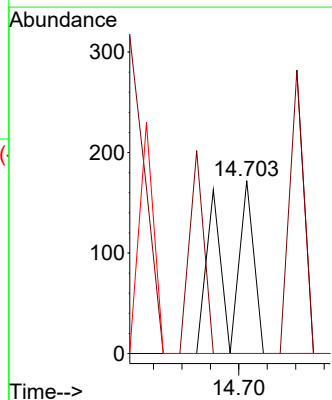
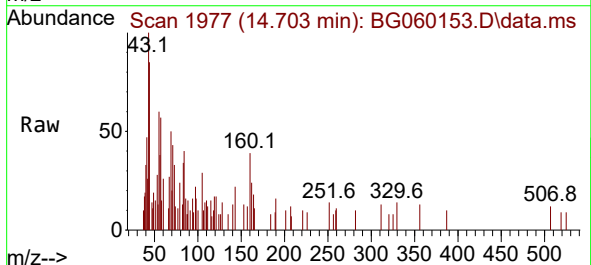
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CONCRETE-PAD-7

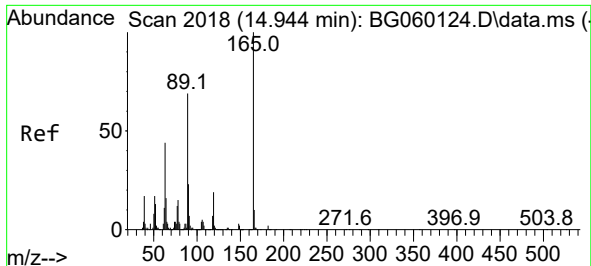
Tgt Ion:165 Resp: 127384
Ion Ratio Lower Upper
165 100
63 1.0 45.4 68.2#
89 0.6 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.629 ng
RT: 14.703 min Scan# 1977
Delta R.T. 0.011 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion:184 Resp: 118
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: 5.186 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.371 min

Lab File: BG060153.D

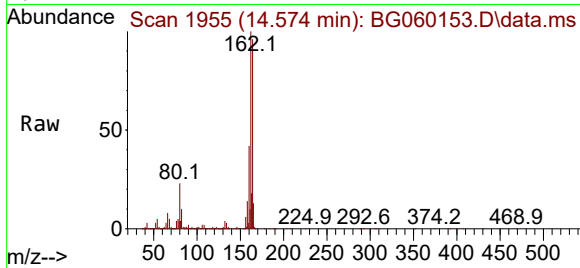
Acq: 23 Dec 2023 1:38

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-7



Tgt Ion:165 Resp: 127384

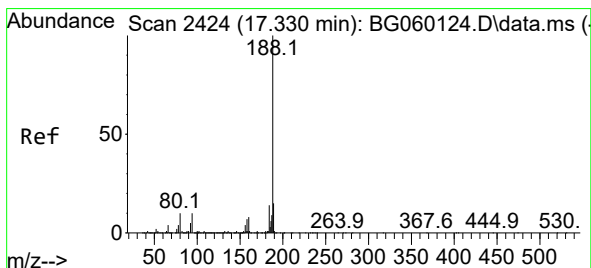
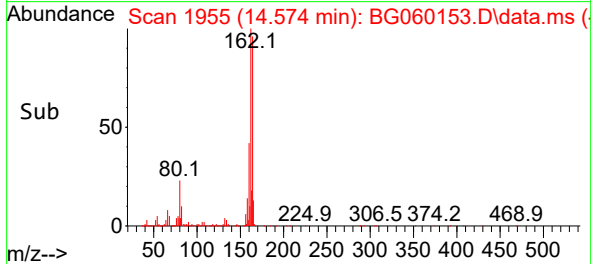
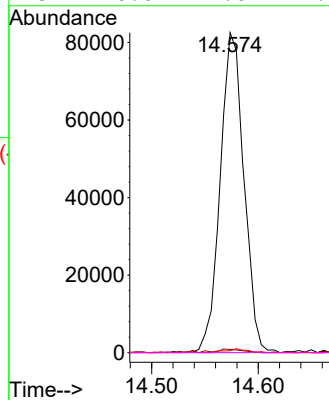
Ion Ratio Lower Upper

165 100

63 1.0 35.4 53.0#

89 0.6 55.6 83.4#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.323 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG060153.D

Acq: 23 Dec 2023 1:38

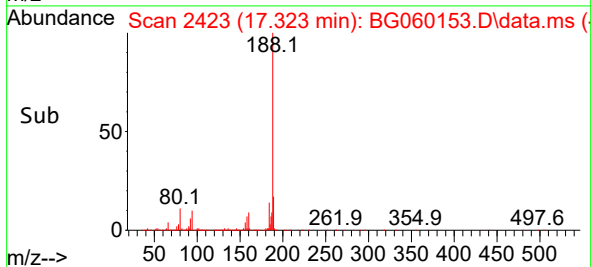
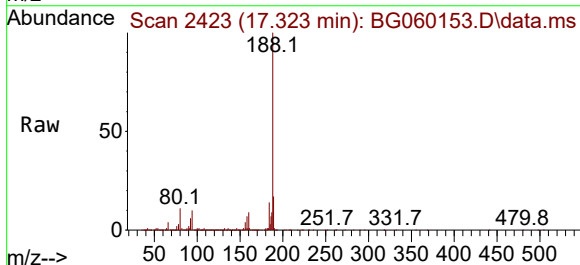
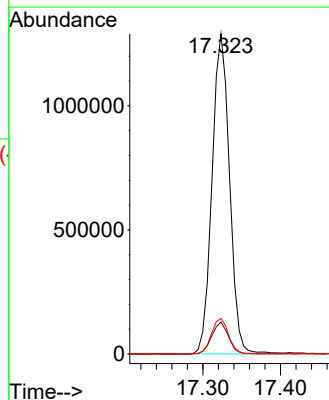
Tgt Ion:188 Resp: 2023676

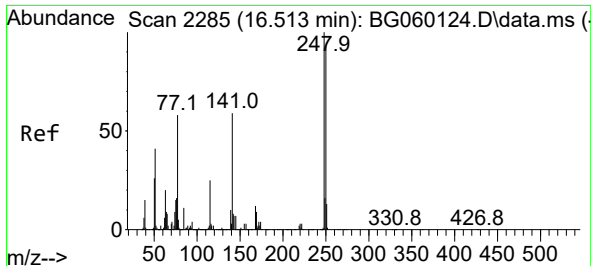
Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 11.1 7.9 11.9

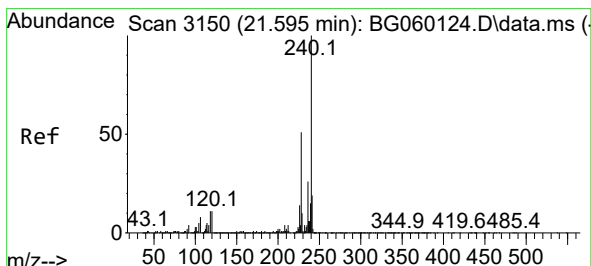
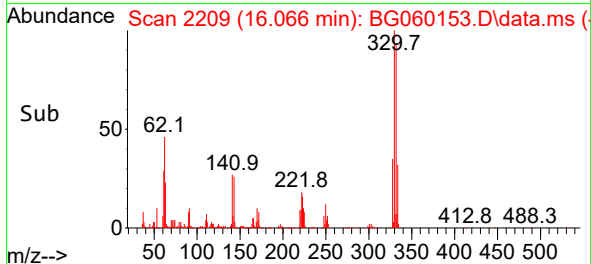
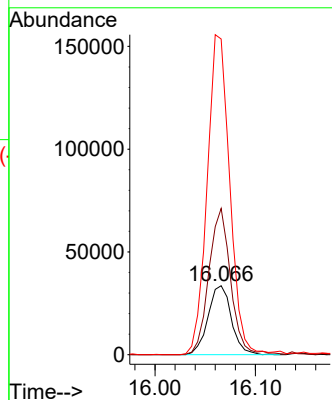
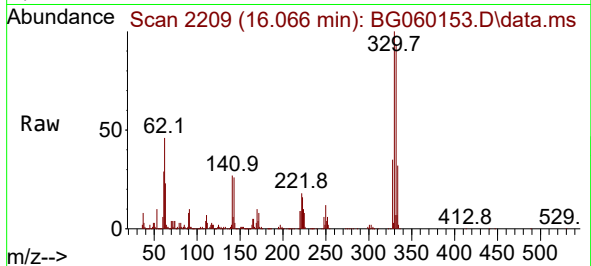




#67
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

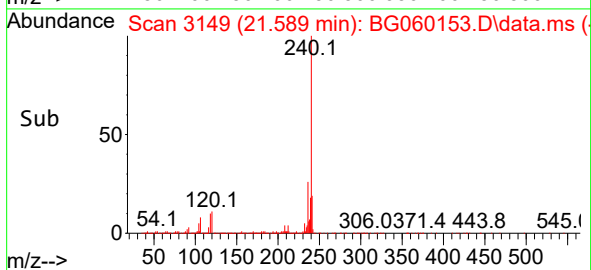
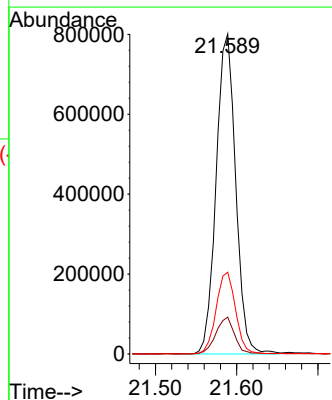
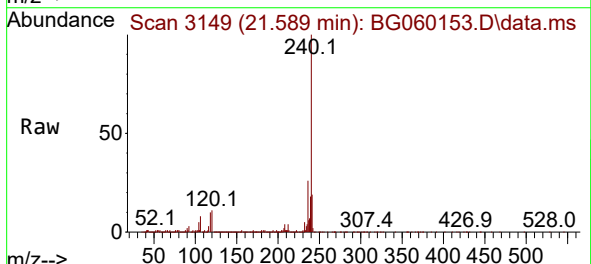
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-7

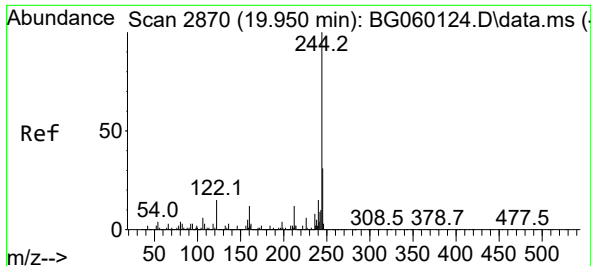
Tgt Ion:248 Resp: 54235
Ion Ratio Lower Upper
248 100
250 212.2 74.5 111.7#
141 458.0 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060153.D
Acq: 23 Dec 2023 1:38

Tgt Ion:240 Resp: 1338219
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 25.6 20.4 30.6

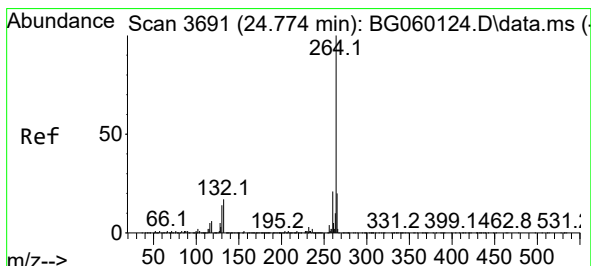
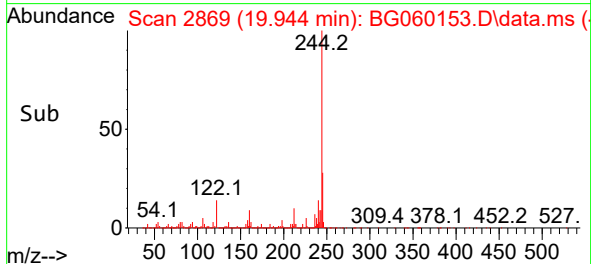
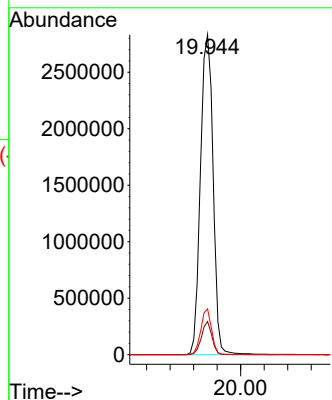
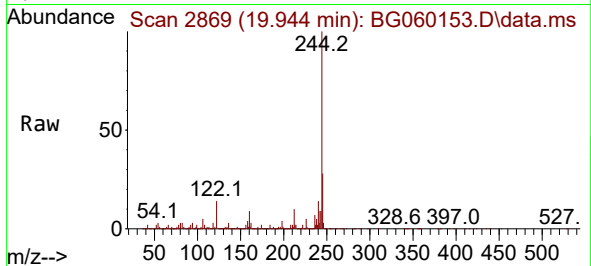




#79
 Terphenyl-d14
 Concen: 57.074 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060153.D
 Acq: 23 Dec 2023 1:38

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-7

Tgt Ion:244 Resp: 4220835
 Ion Ratio Lower Upper
 244 100
 212 10.3 9.5 14.3
 122 14.3 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.012 min
 Lab File: BG060153.D
 Acq: 23 Dec 2023 1:38

Tgt Ion:264 Resp: 1518940
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.1 25.7
 265 21.9 16.0 24.0

