

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060149.D
 Acq On : 22 Dec 2023 22:55
 Operator : MA/JU
 Sample : 05929-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-1

Quant Time: Dec 25 00:41:13 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)

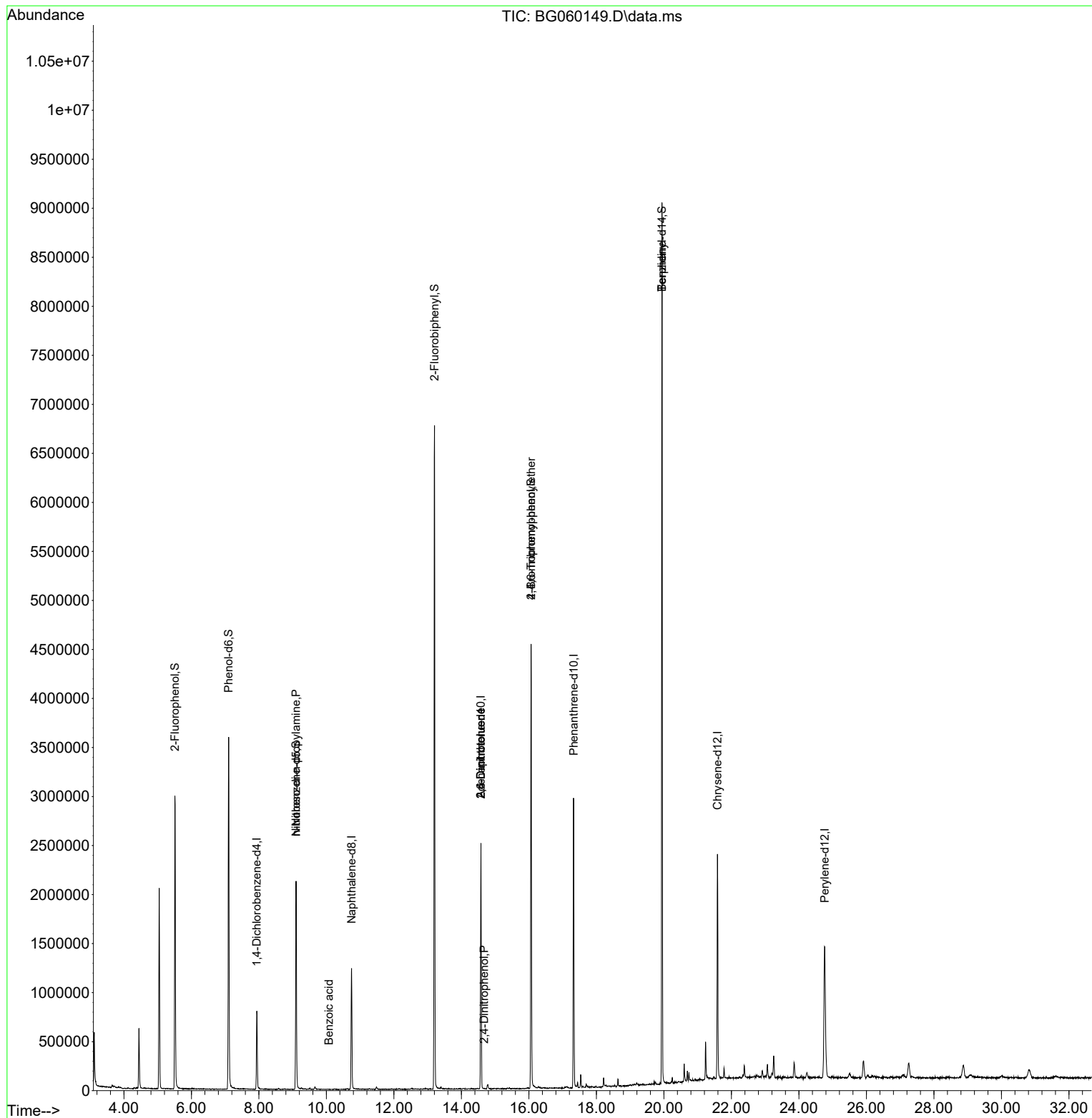
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	245776	20.000	ng	# 0.00
21) Naphthalene-d8	10.746	136	1101283	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	862020	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1962617	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1317847	20.000	ng	0.00
86) Perylene-d12	24.765	264	1469172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1424022	91.296	ng	0.00
7) Phenol-d6	7.103	99	2266767	86.352	ng	0.00
23) Nitrobenzene-d5	9.101	82	1398652	62.215	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	898582	77.421	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3680610	64.112	ng	0.00
79) Terphenyl-d14	19.941	244	4269308	58.622	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	170227	8.340	ng	# 77
32) Benzoic acid	10.076	122	257	5.106	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	115641	7.625	ng	# 25
54) 2,4-Dinitrophenol	14.677	184	64	6.625	ng	# 22
57) 2,4-Dinitrotoluene	14.577	165	115641	5.194	ng	# 24
67) 4-Bromophenyl-phenylether	16.063	248	55722	3.014	ng	# 1
77) Benzidine	19.941	184	72572	2.037	ng	# 93

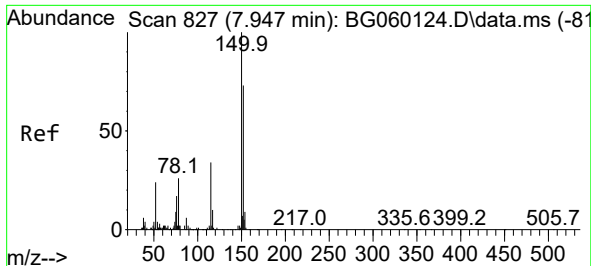
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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Quant Time: Dec 25 00:41:13 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

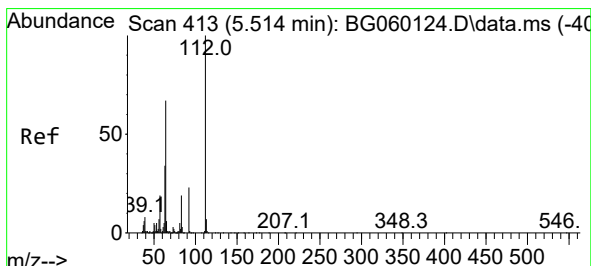
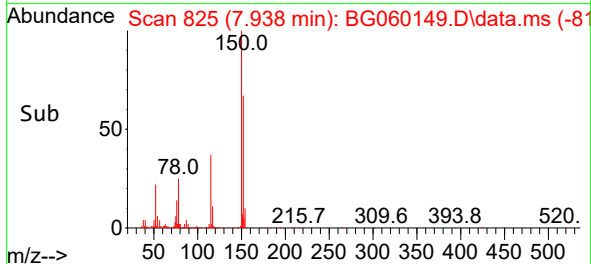
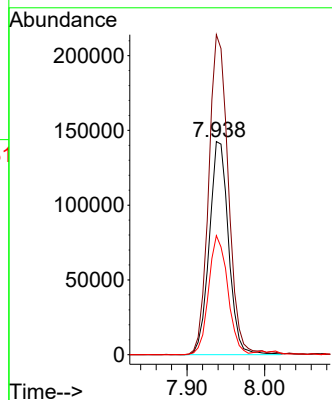
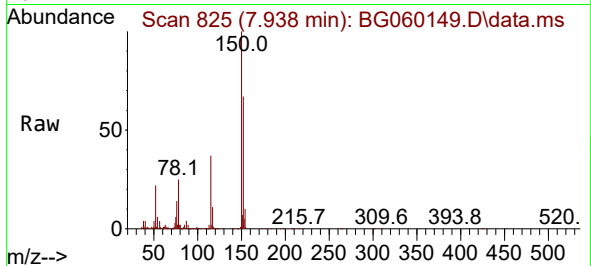




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

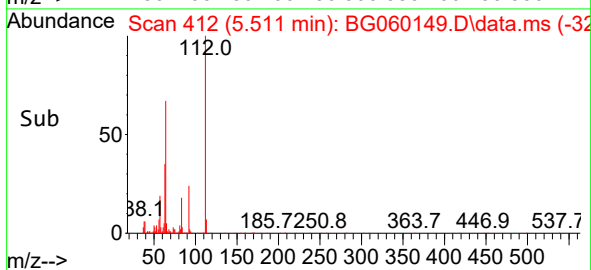
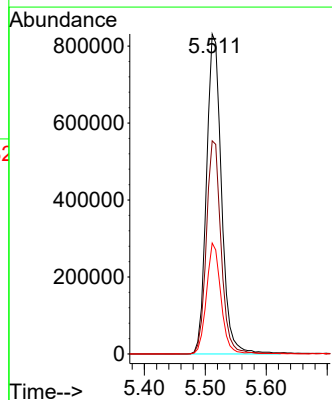
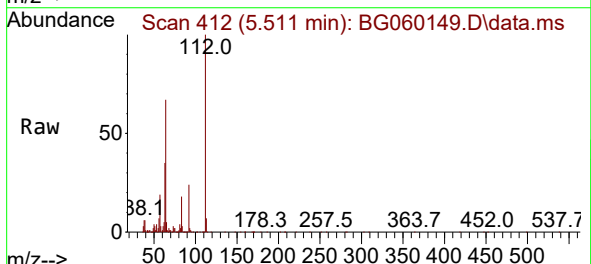
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

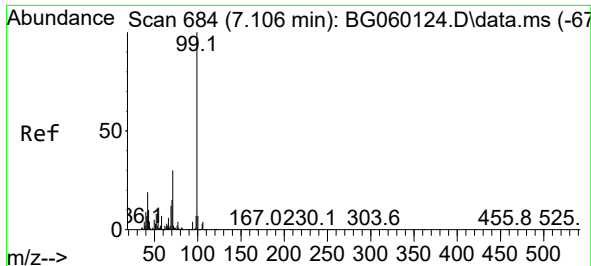
Tgt Ion:152 Resp: 245776
Ion Ratio Lower Upper
152 100
150 150.2 109.4 164.0
115 55.8 36.5 54.7#



#5
2-Fluorophenol
Concen: 91.296 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion:112 Resp: 1424022
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 34.6 27.1 40.7

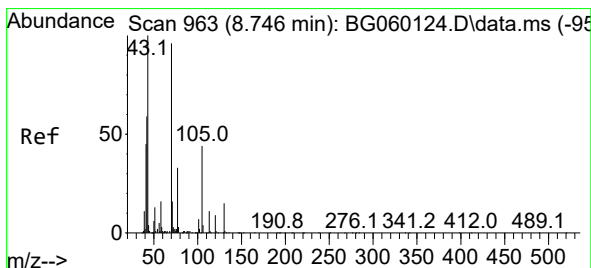
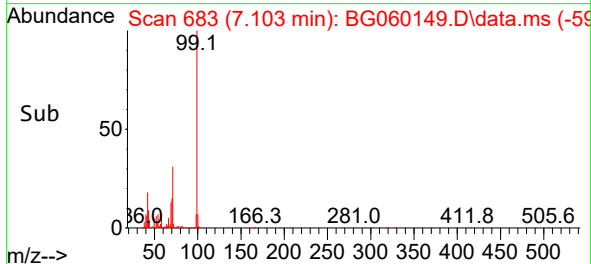
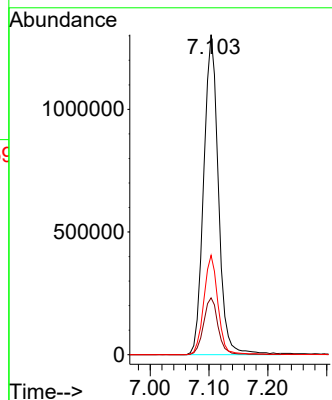
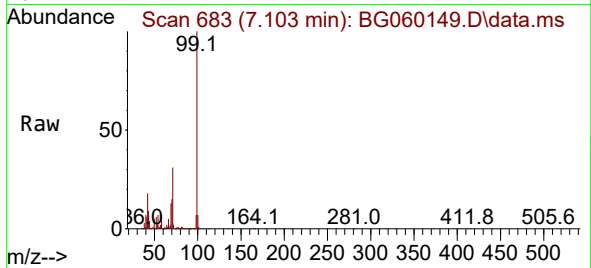




#7
Phenol-d6
Concen: 86.352 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

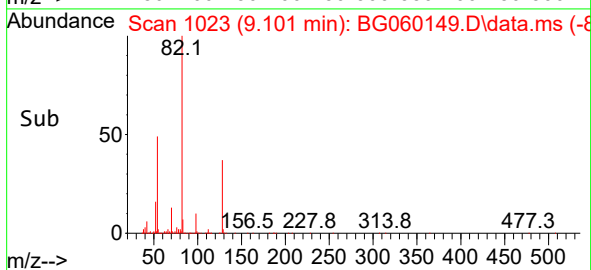
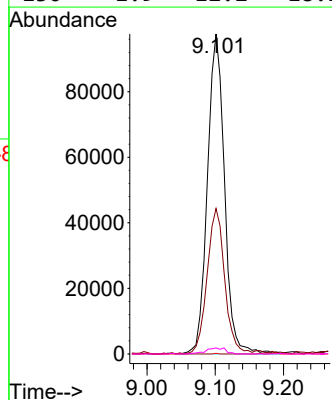
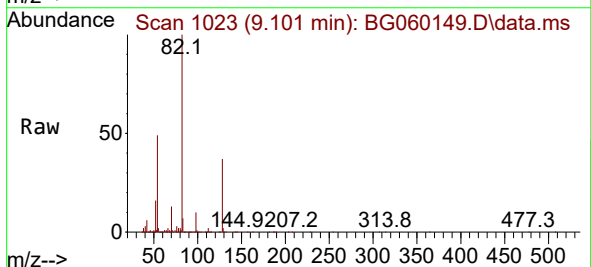
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

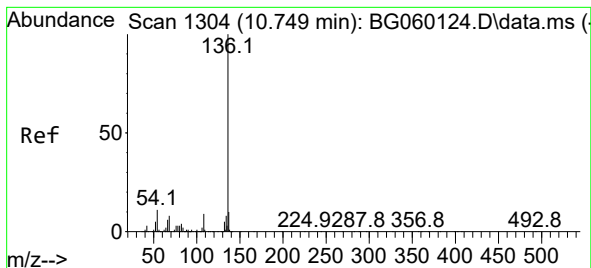
Tgt Ion: 99 Resp: 2266767
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 31.0 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.340 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.355 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion: 70 Resp: 170227
Ion Ratio Lower Upper
70 100
42 45.4 49.6 74.4#
101 0.2 6.2 9.4#
130 1.9 12.2 18.2#

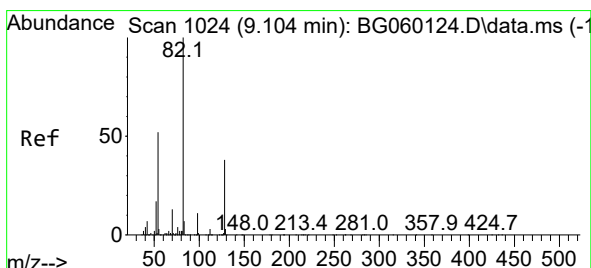
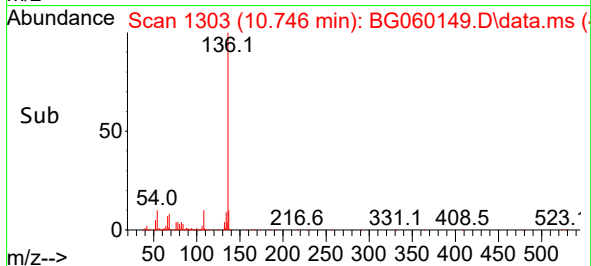
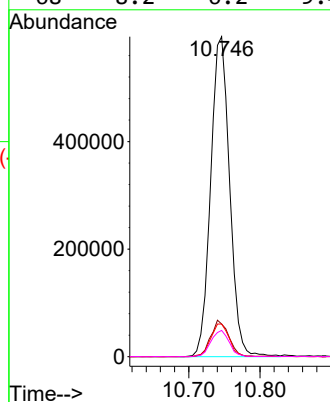
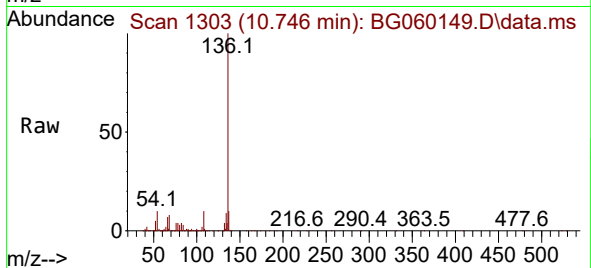




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

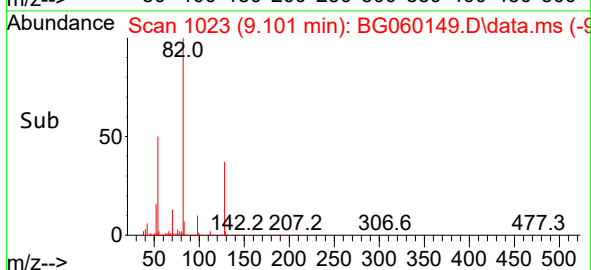
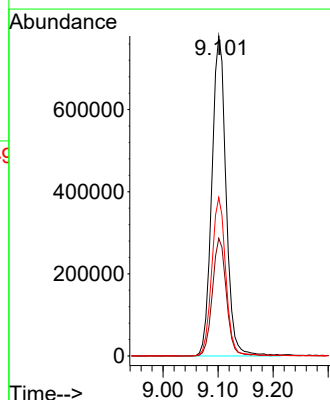
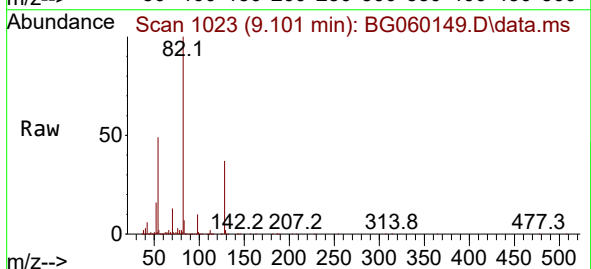
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

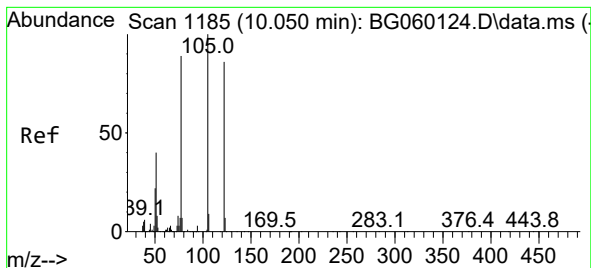
Tgt Ion:136 Resp: 1101283
Ion Ratio Lower Upper
136 100
137 10.2 8.1 12.1
54 10.2 8.7 13.1
68 8.2 6.2 9.4



#23
Nitrobenzene-d5
Concen: 62.215 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion: 82 Resp: 1398652
Ion Ratio Lower Upper
82 100
128 36.7 30.5 45.7
54 49.5 41.9 62.9





#32

Benzoic acid

Concen: 5.106 ng

RT: 10.076 min Scan# 1185

Delta R.T. 0.026 min

Lab File: BG060149.D

Acq: 22 Dec 2023 22:55

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-1

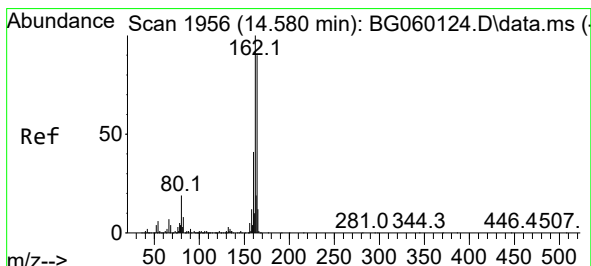
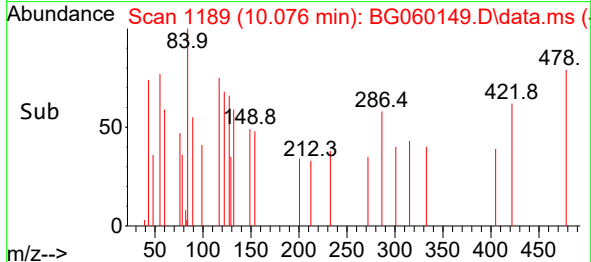
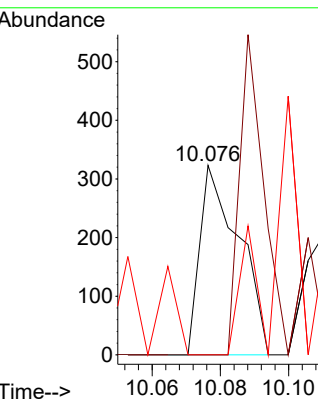
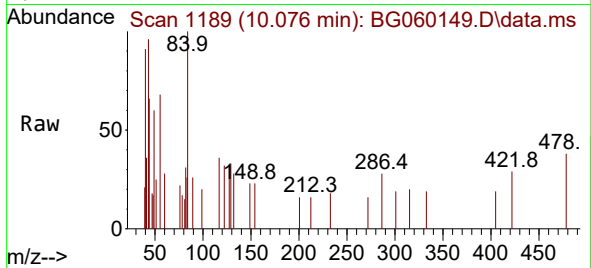
Tgt Ion:122 Resp: 257

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: 14.577 min Scan# 1955

Delta R.T. -0.003 min

Lab File: BG060149.D

Acq: 22 Dec 2023 22:55

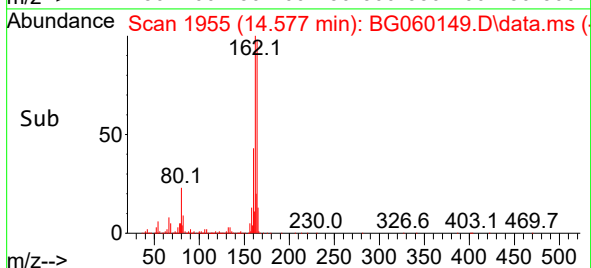
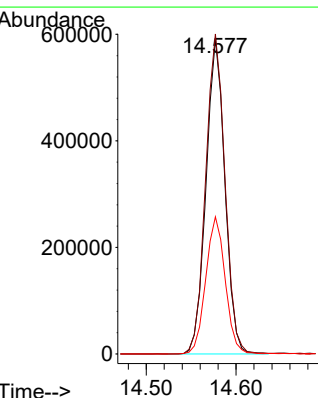
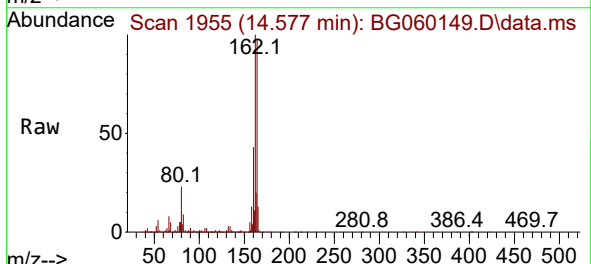
Tgt Ion:164 Resp: 862020

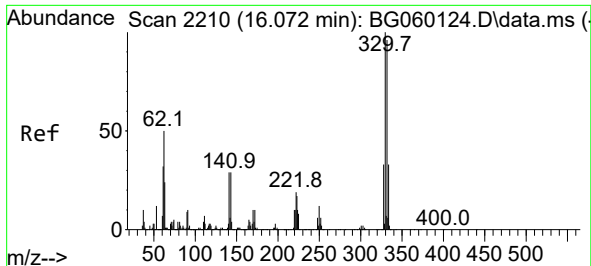
Ion Ratio Lower Upper

164 100

162 101.6 88.5 132.7

160 43.6 36.2 54.2

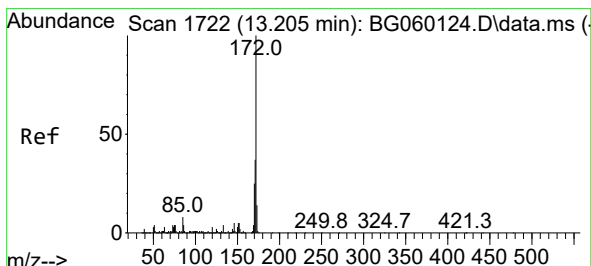
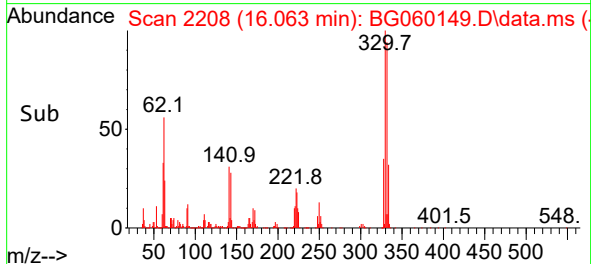
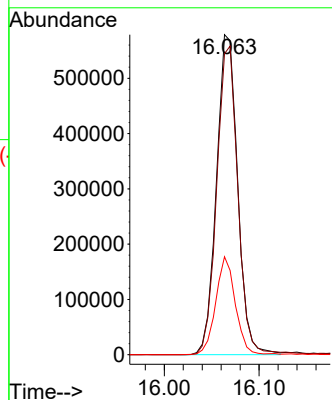
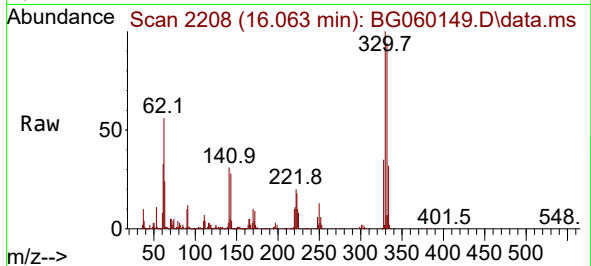




#42
2,4,6-Tribromophenol
Concen: 77.421 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

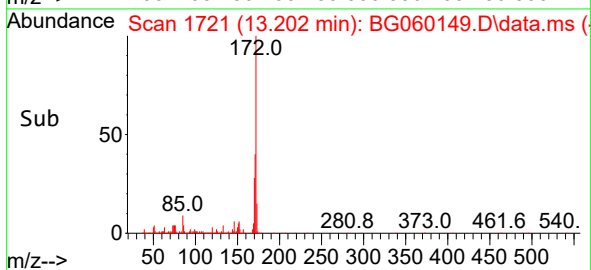
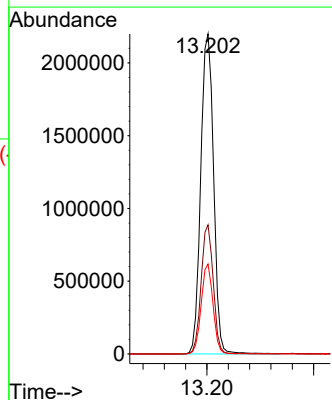
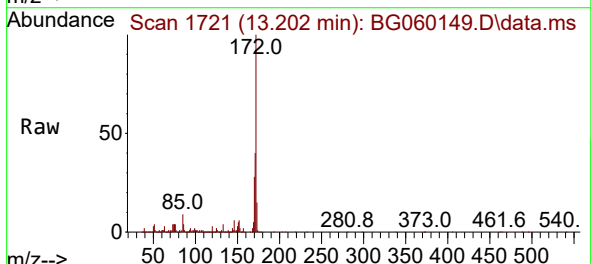
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

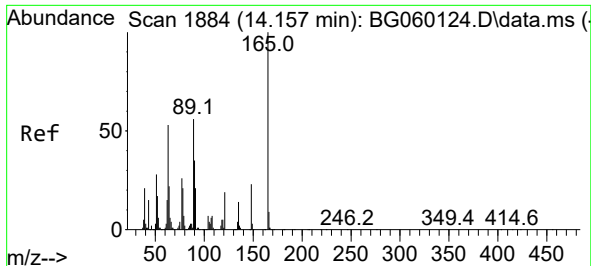
Tgt Ion:330 Resp: 898582
Ion Ratio Lower Upper
330 100
332 96.7 75.5 113.3
141 28.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 64.112 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion:172 Resp: 3680610
Ion Ratio Lower Upper
172 100
171 40.4 29.2 43.8
170 28.1 20.1 30.1

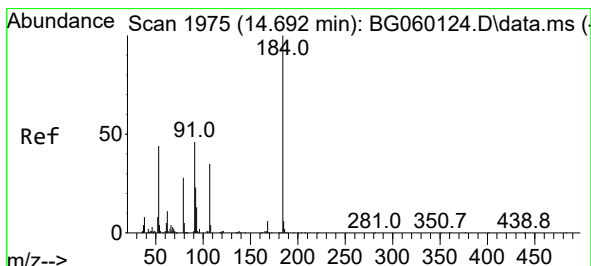
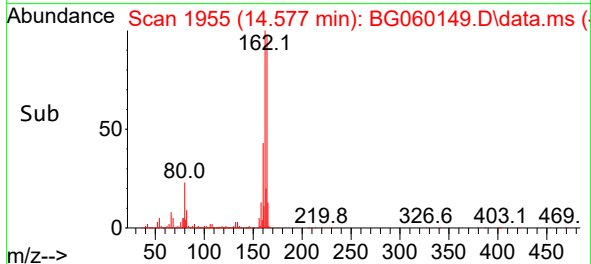
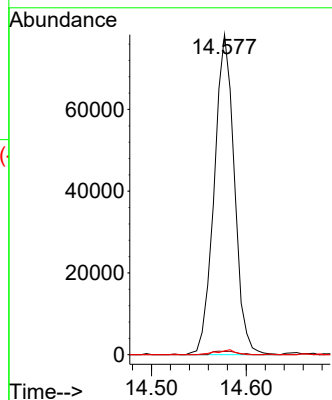
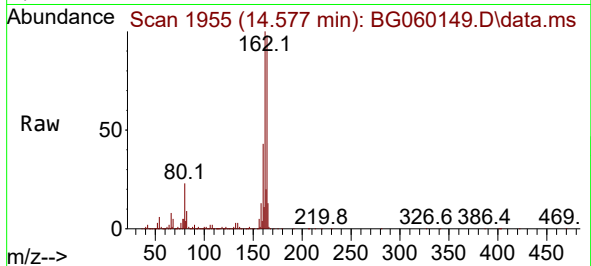




#51
2,6-Dinitrotoluene
Concen: 7.625 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

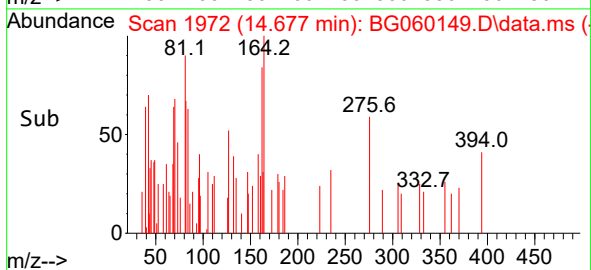
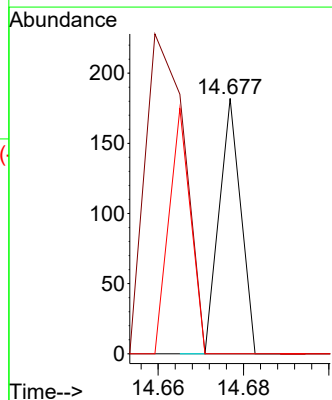
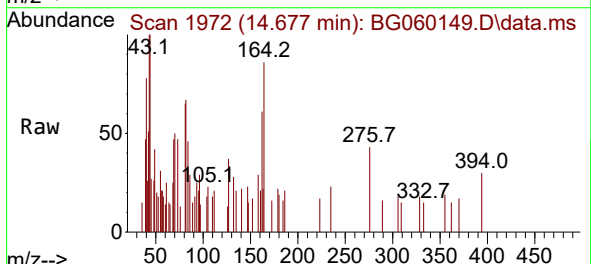
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

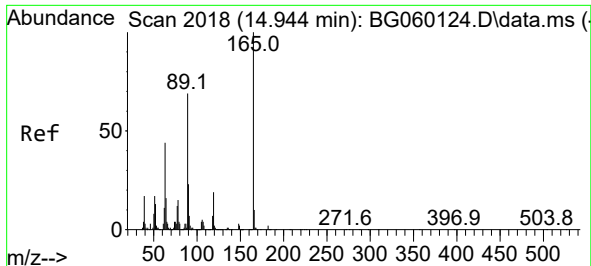
Tgt Ion:165 Resp: 115641
Ion Ratio Lower Upper
165 100
63 1.0 45.4 68.2#
89 1.2 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.625 ng
RT: 14.677 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion:184 Resp: 64
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: 5.194 ng

RT: 14.577 min Scan# 1955

Delta R.T. -0.367 min

Lab File: BG060149.D

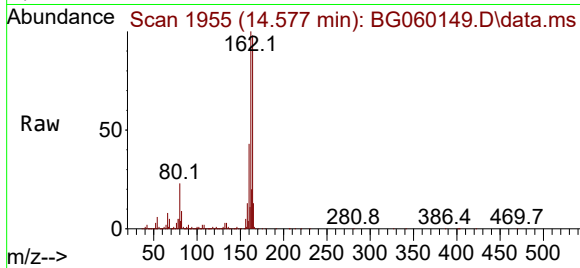
Acq: 22 Dec 2023 22:55

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-1



Tgt Ion:165 Resp: 115641

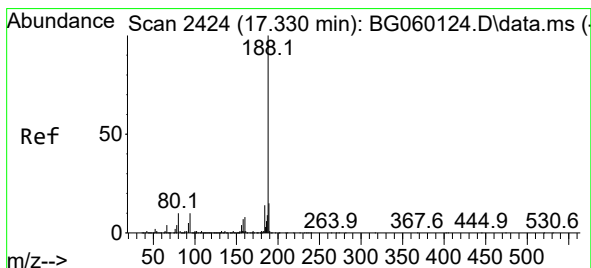
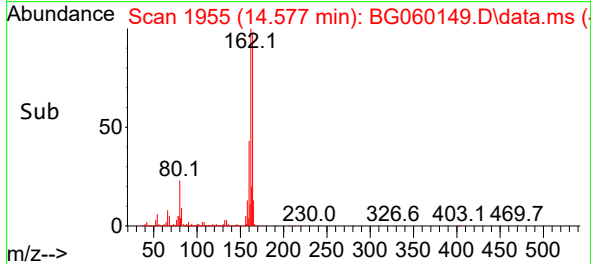
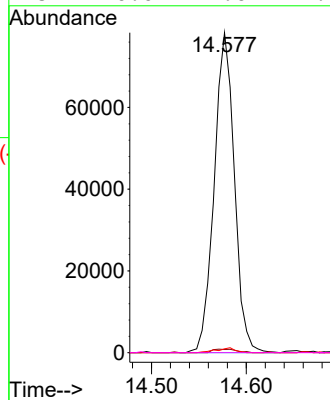
Ion Ratio Lower Upper

165 100

63 1.0 35.4 53.0#

89 1.2 55.6 83.4#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG060149.D

Acq: 22 Dec 2023 22:55

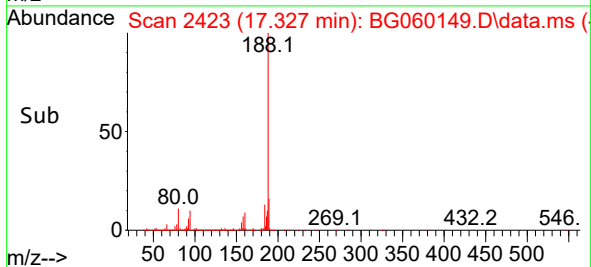
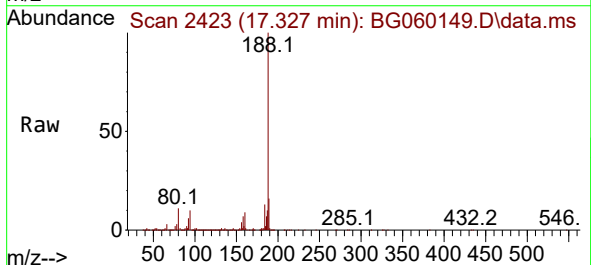
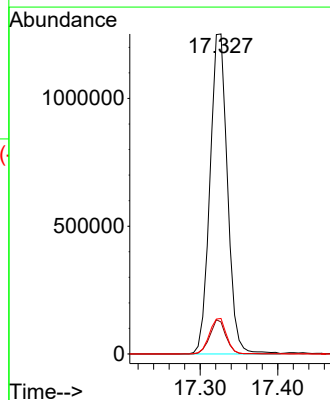
Tgt Ion:188 Resp: 1962617

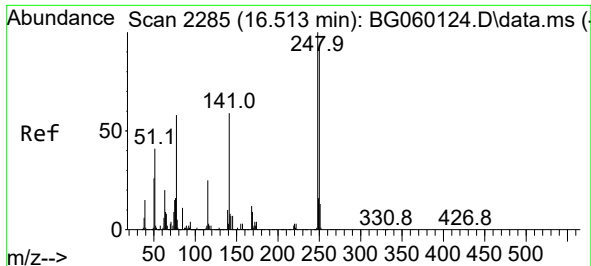
Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 11.1 7.9 11.9

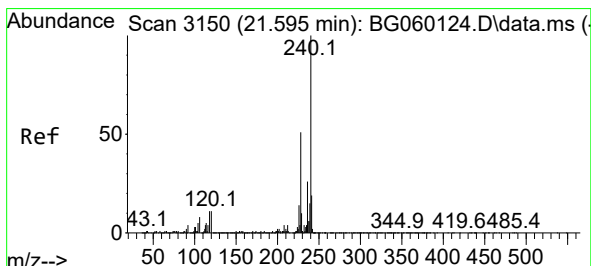
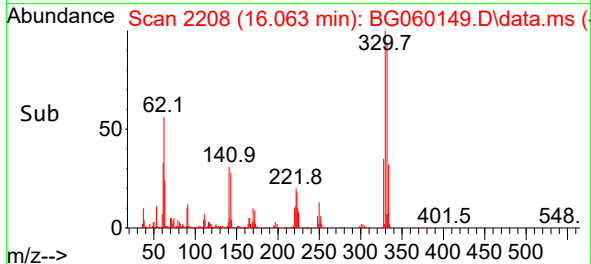
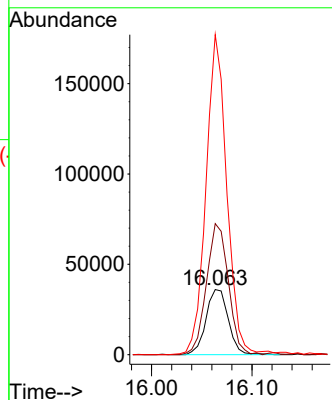
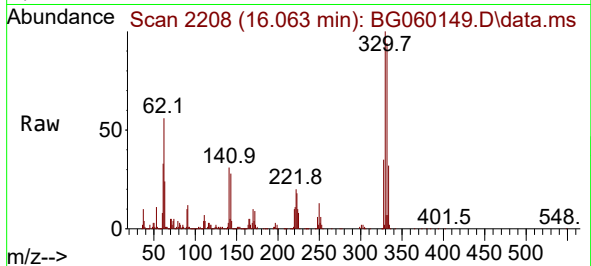




#67
4-Bromophenyl-phenylether
Concen: 3.014 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

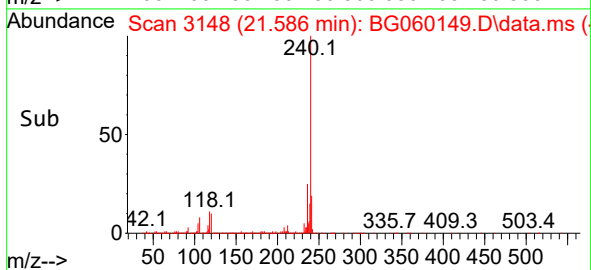
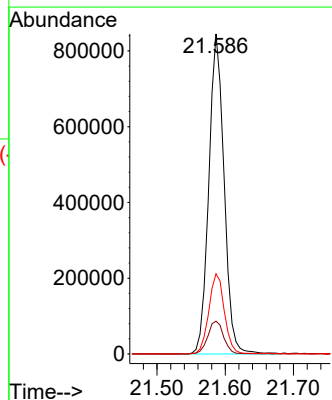
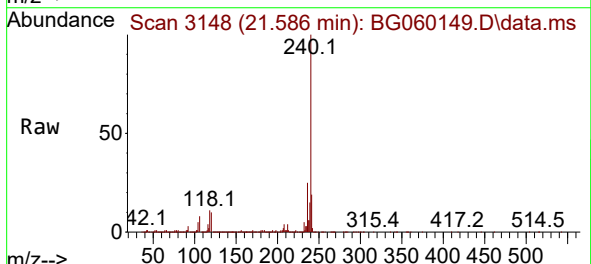
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

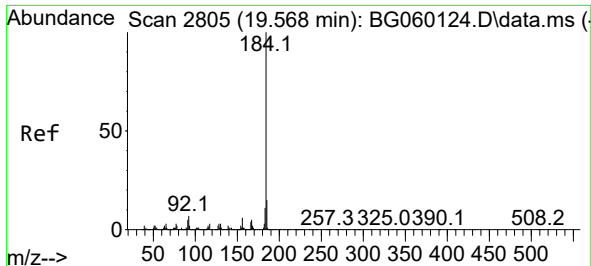
Tgt Ion:248 Resp: 55722
Ion Ratio Lower Upper
248 100
250 201.4 74.5 111.7#
141 491.8 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion:240 Resp: 1317847
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 25.1 20.4 30.6

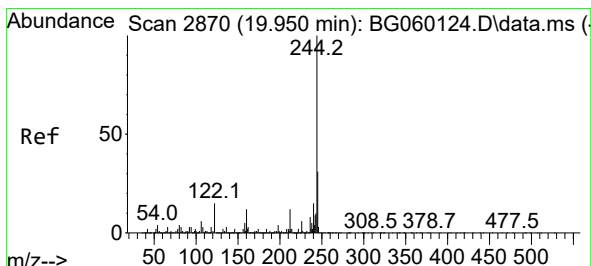
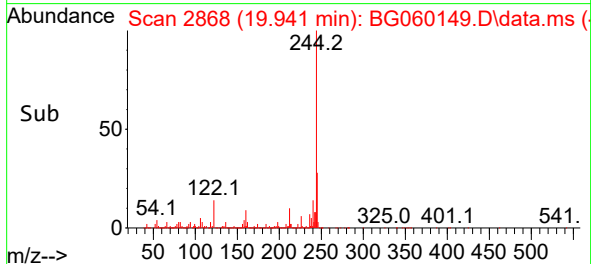
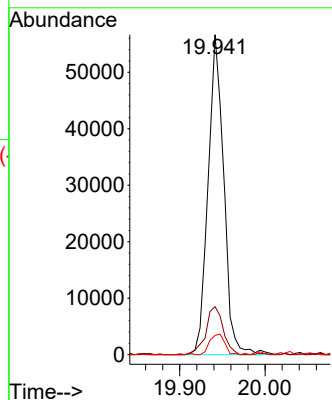
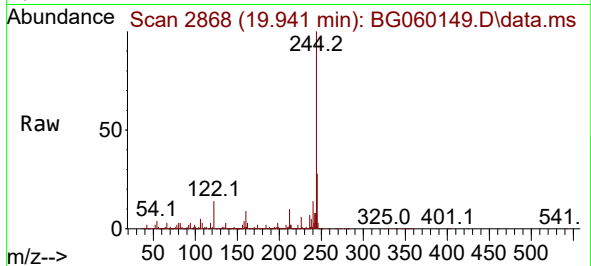




#77
Benzidine
Concen: 2.037 ng
RT: 19.941 min Scan# 2868
Delta R.T. 0.373 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

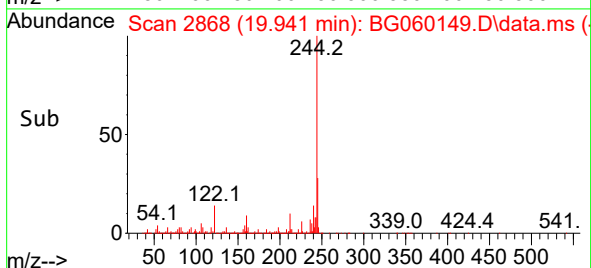
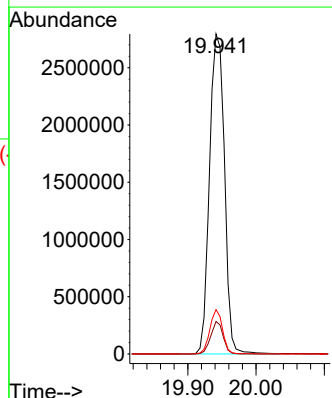
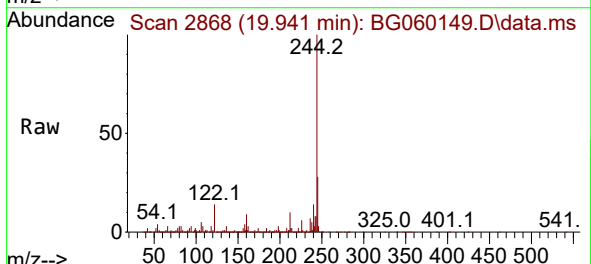
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

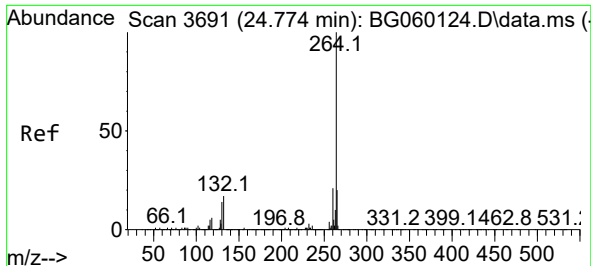
Tgt Ion:184 Resp: 72572
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 6.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 58.622 ng
RT: 19.941 min Scan# 2868
Delta R.T. -0.009 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Tgt Ion:244 Resp: 4269308
Ion Ratio Lower Upper
244 100
212 10.1 9.5 14.3
122 13.9 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG060149.D
Acq: 22 Dec 2023 22:55

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-1

Tgt Ion:264 Resp: 1469172

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.1	25.7
265	21.3	16.0	24.0

