

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060152.D
 Acq On : 23 Dec 2023 00:57
 Operator : MA/JU
 Sample : 05929-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-6

Quant Time: Dec 25 00:41:58 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)

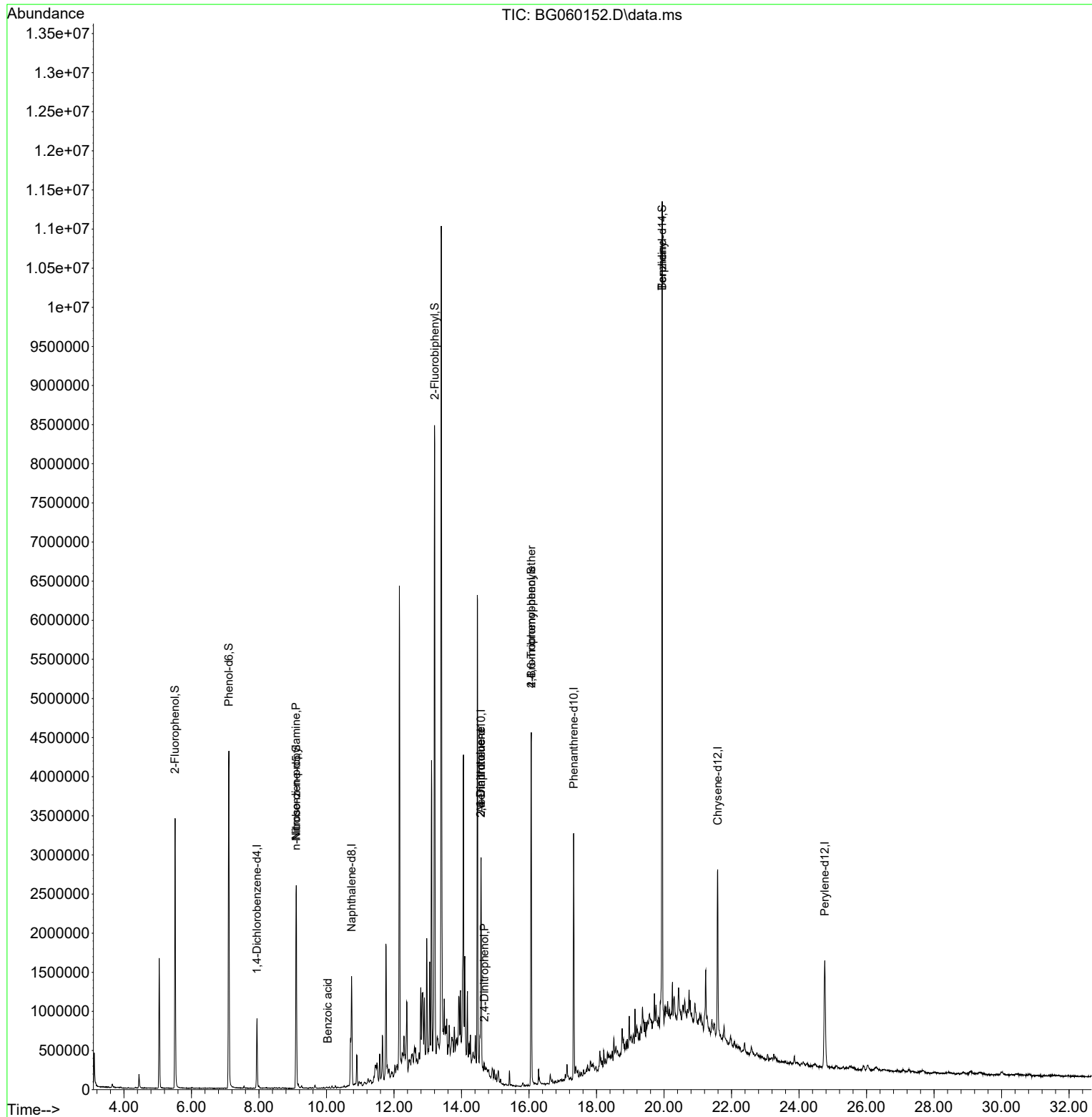
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	265980	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	1205744	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	922681	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2028571	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1276414	20.000	ng	0.00
86) Perylene-d12	24.762	264	1480350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1606093	95.148	ng	0.00
7) Phenol-d6	7.107	99	2742766	96.548	ng	0.00
23) Nitrobenzene-d5	9.104	82	1703127	69.195	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	924442	74.413	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	4347484	70.750	ng	0.00
79) Terphenyl-d14	19.945	244	4702898	66.672	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	217988	9.868	ng	# 76
32) Benzoic acid	10.039	122	60	5.091	ng	# 25
51) 2,6-Dinitrotoluene	14.574	165	124144	7.647	ng	# 24
54) 2,4-Dinitrophenol	14.680	184	59	6.624	ng	# 1
57) 2,4-Dinitrotoluene	14.574	165	124144	5.210	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	56597	2.962	ng	# 1
77) Benzidine	19.945	184	88016	2.550	ng	# 91

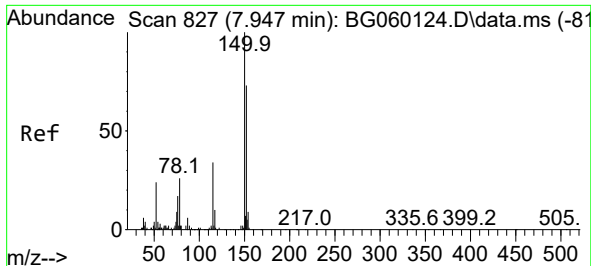
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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Quant Time: Dec 25 00:41:58 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

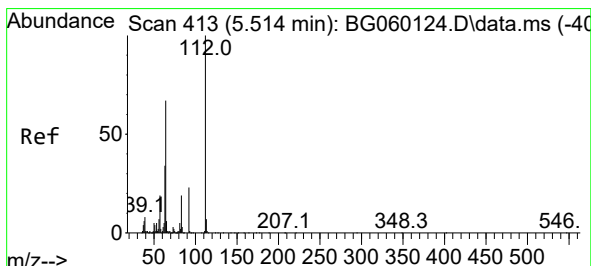
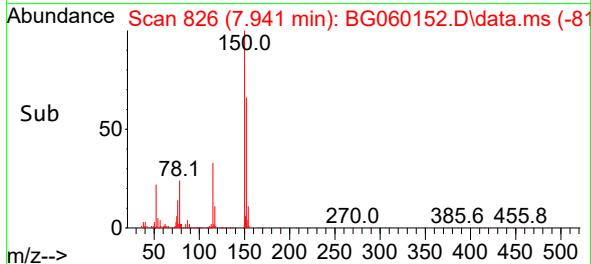
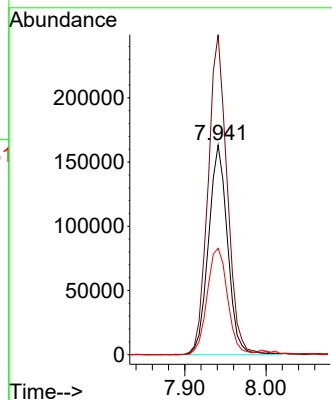
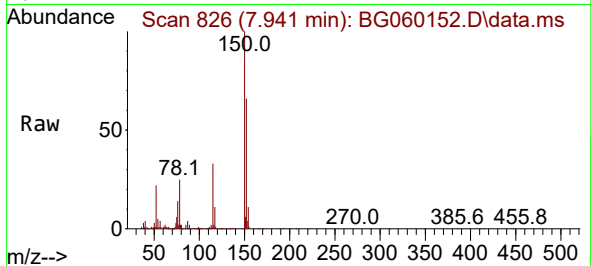




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

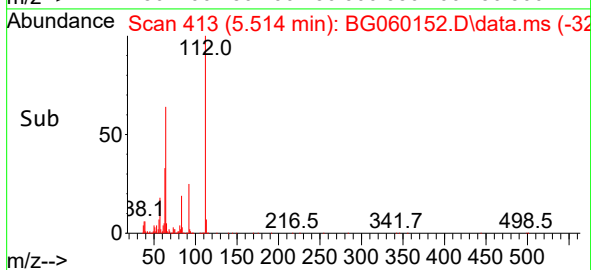
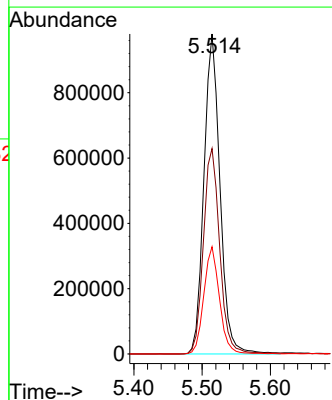
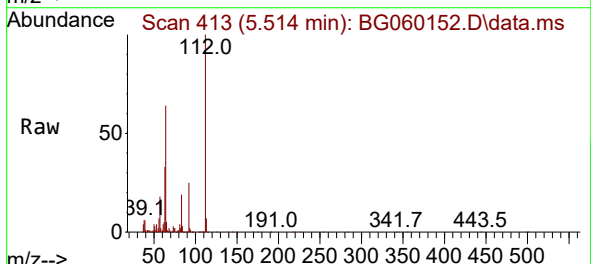
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

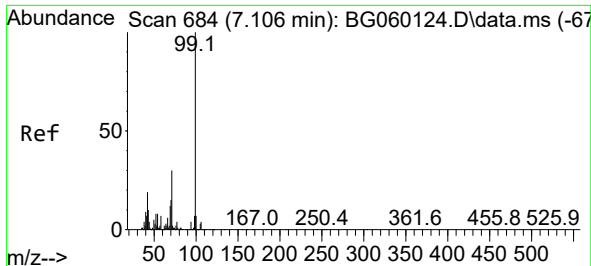
Tgt Ion:152 Resp: 265980
Ion Ratio Lower Upper
152 100
150 152.6 109.4 164.0
115 50.8 36.5 54.7



#5
2-Fluorophenol
Concen: 95.148 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:112 Resp: 1606093
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 33.5 27.1 40.7

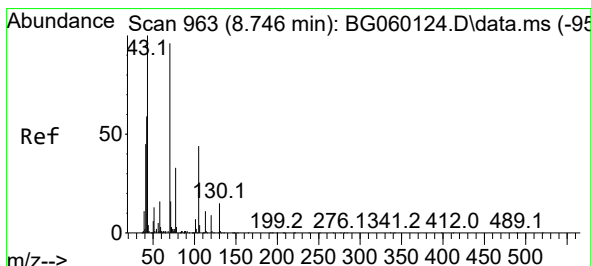
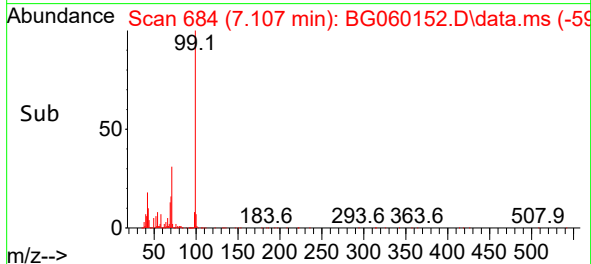
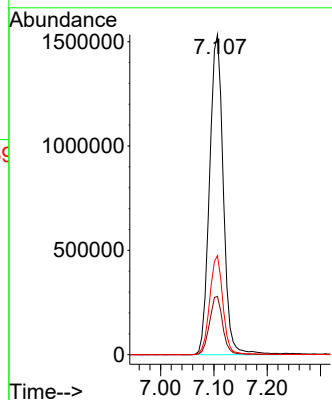
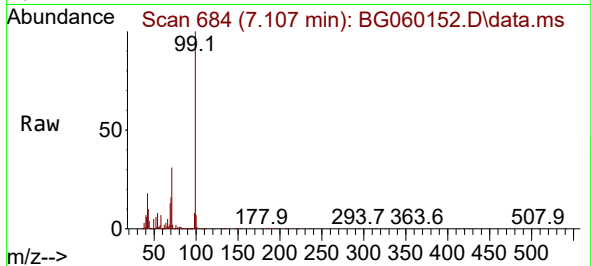




#7
Phenol-d6
Concen: 96.548 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

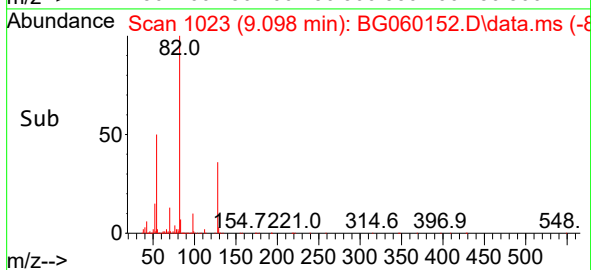
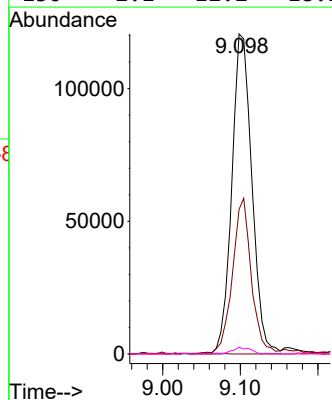
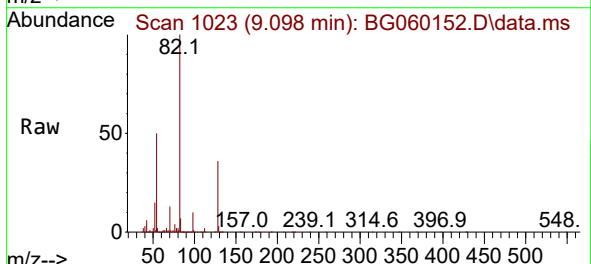
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

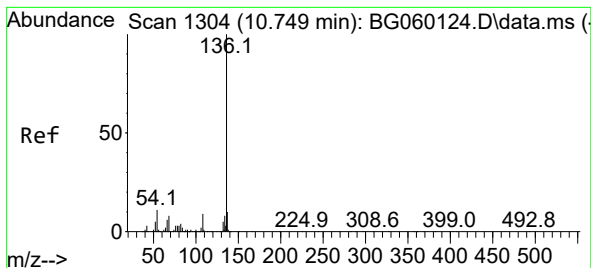
Tgt Ion: 99 Resp: 2742766
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 30.9 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.868 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.353 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion: 70 Resp: 217988
Ion Ratio Lower Upper
70 100
42 45.2 49.6 74.4#
101 0.0 6.2 9.4#
130 2.1 12.2 18.2#

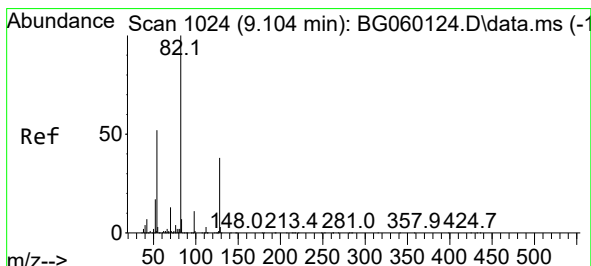
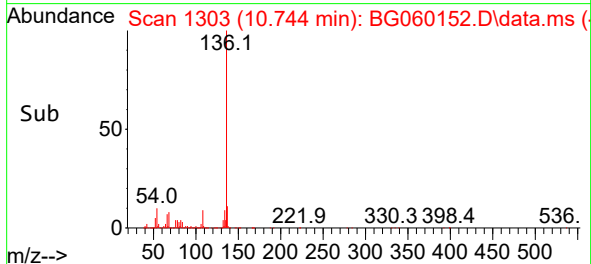
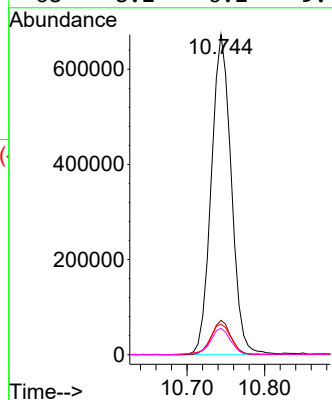
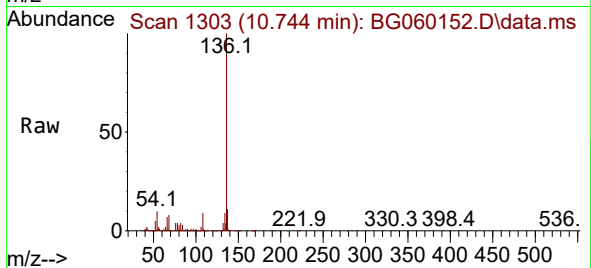




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

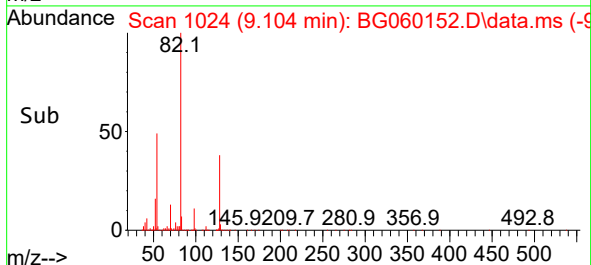
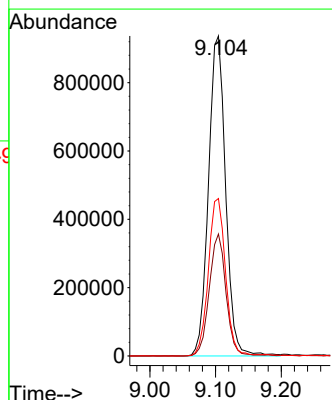
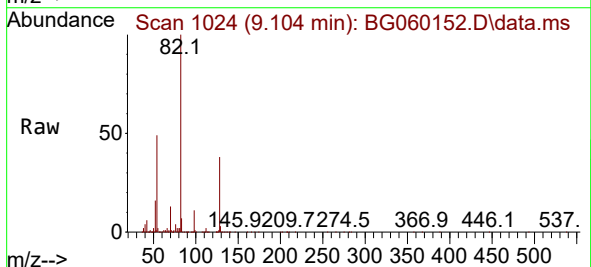
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

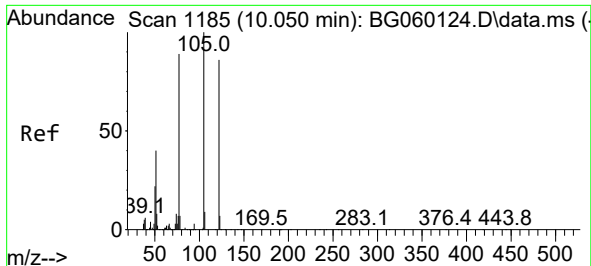
Tgt Ion:136 Resp: 1205744
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 9.6 8.7 13.1
68 8.2 6.2 9.4



#23
Nitrobenzene-d5
Concen: 69.195 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion: 82 Resp: 1703127
Ion Ratio Lower Upper
82 100
128 38.1 30.5 45.7
54 49.2 41.9 62.9

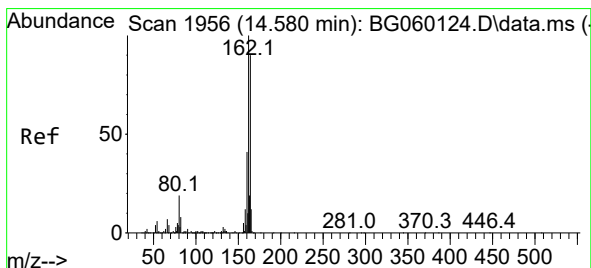
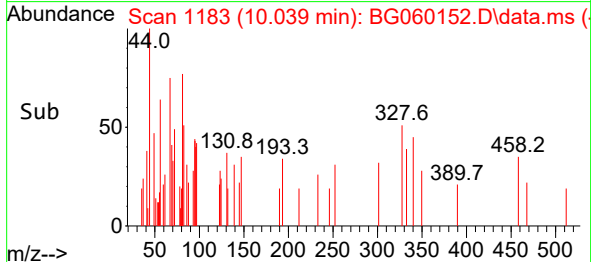
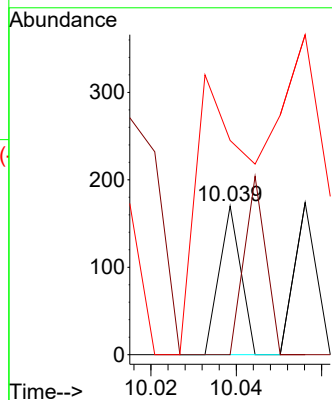
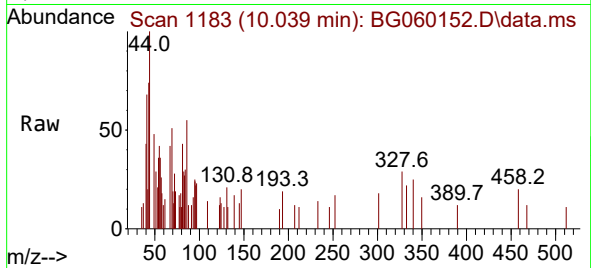




#32
Benzoic acid
Concen: 5.091 ng
RT: 10.039 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

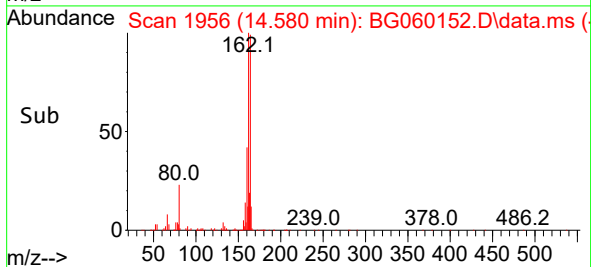
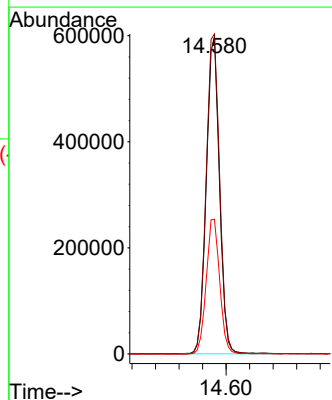
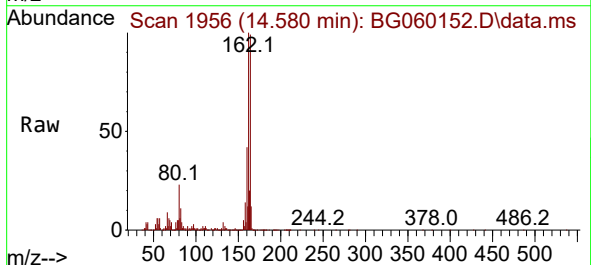
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

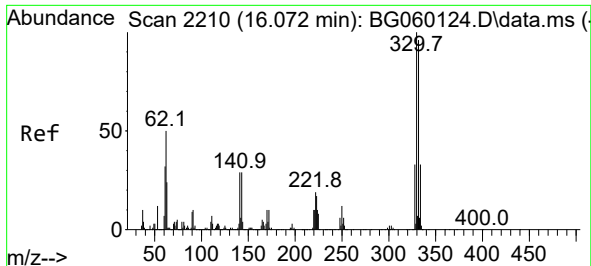
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 144.1 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:164 Resp: 922681
Ion Ratio Lower Upper
164 100
162 101.0 88.5 132.7
160 42.5 36.2 54.2

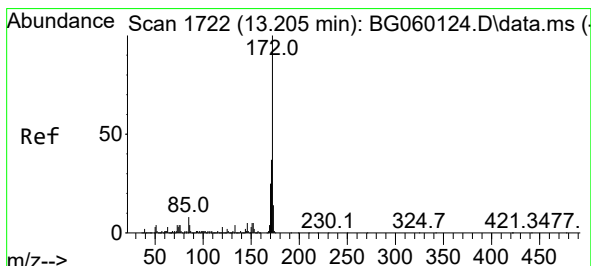
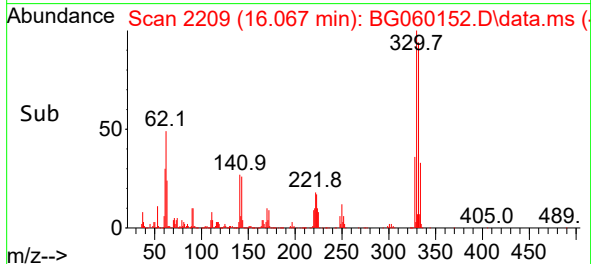
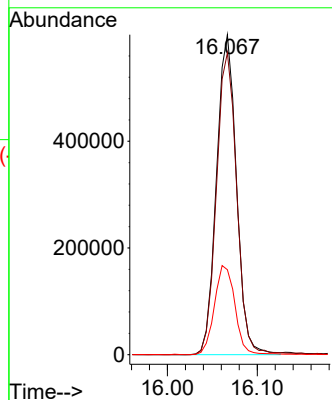
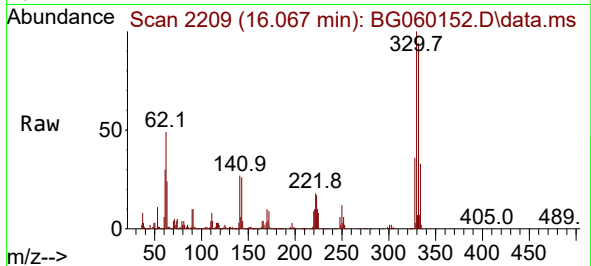




#42
2,4,6-Tribromophenol
Concen: 74.413 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

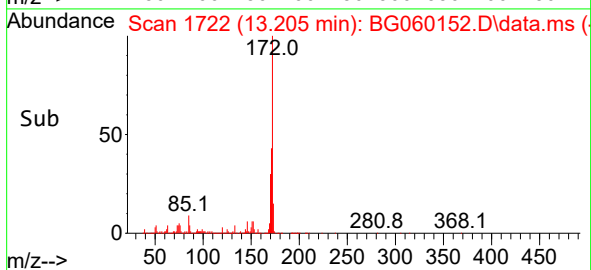
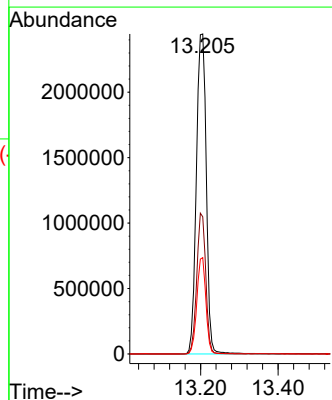
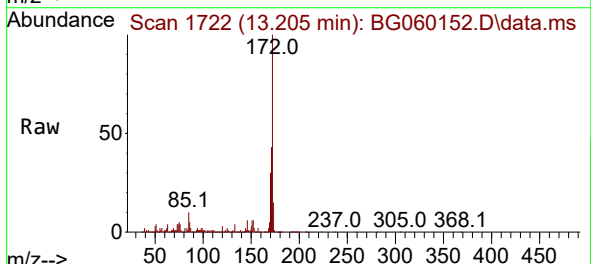
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

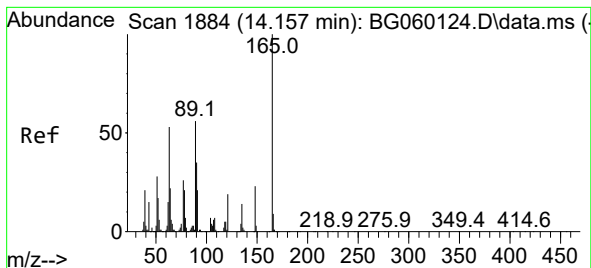
Tgt Ion:330 Resp: 924442
Ion Ratio Lower Upper
330 100
332 96.4 75.5 113.3
141 28.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 70.750 ng
RT: 13.205 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:172 Resp: 4347484
Ion Ratio Lower Upper
172 100
171 42.9 29.2 43.8
170 30.1 20.1 30.1

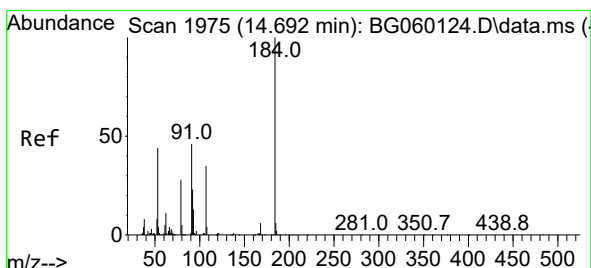
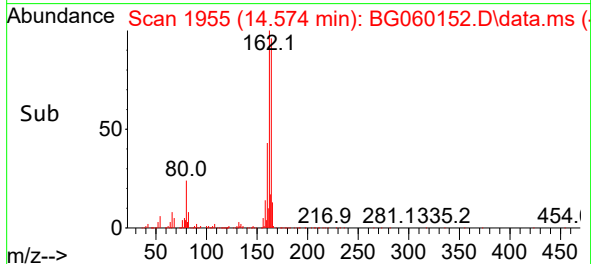
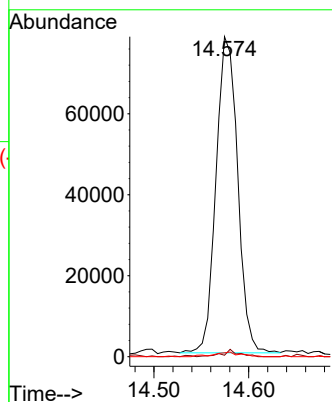
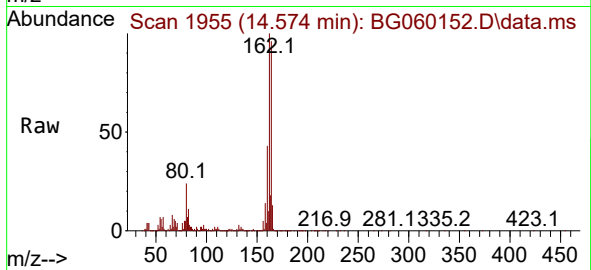




#51
2,6-Dinitrotoluene
Concen: 7.647 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

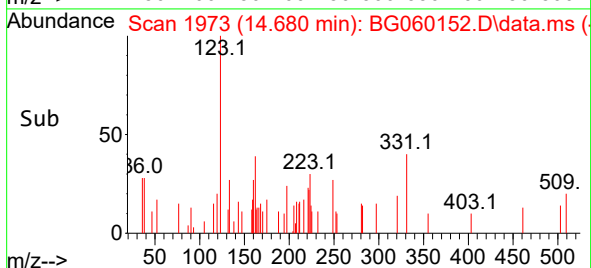
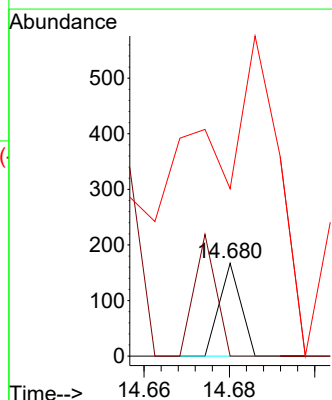
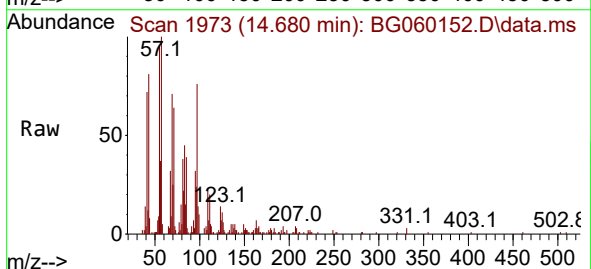
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CONCRETE-PAD-6

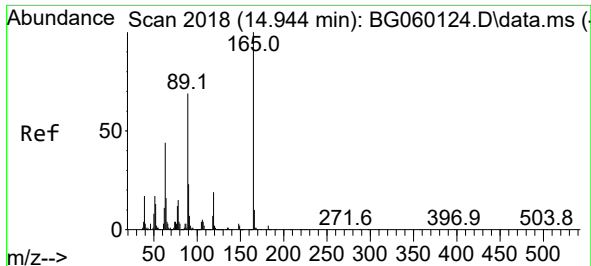
Tgt Ion:165 Resp: 124144
Ion Ratio Lower Upper
165 100
63 0.5 45.4 68.2#
89 1.2 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.624 ng
RT: 14.680 min Scan# 1973
Delta R.T. -0.012 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 180.2 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.210 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG060152.D

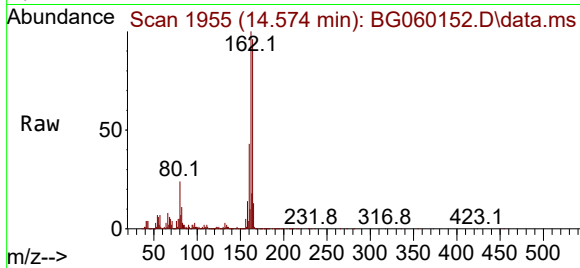
Acq: 23 Dec 2023 00:57

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-6



Tgt Ion:165 Resp: 124144

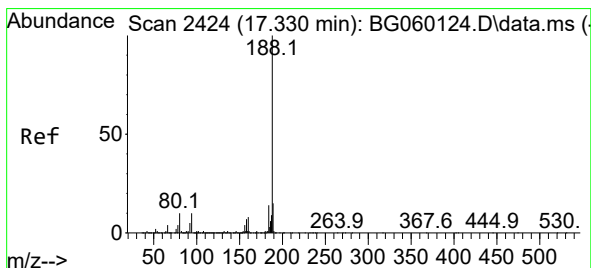
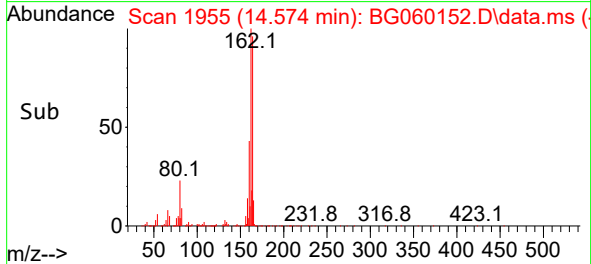
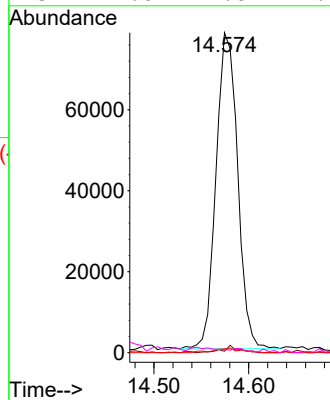
Ion Ratio Lower Upper

165 100

63 0.5 35.4 53.0#

89 1.2 55.6 83.4#

182 1.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG060152.D

Acq: 23 Dec 2023 00:57

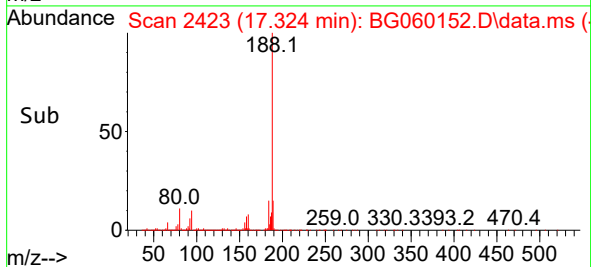
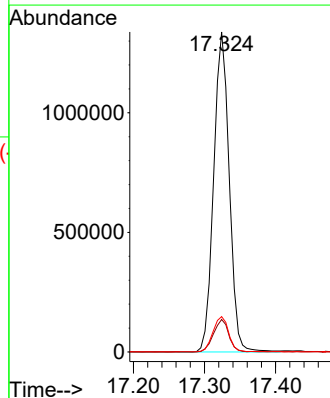
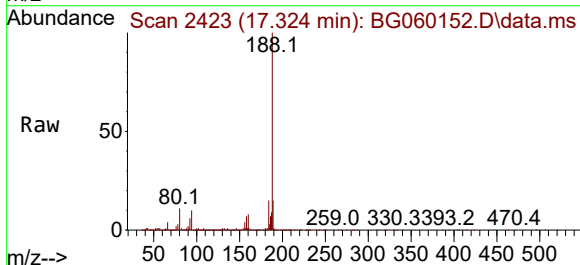
Tgt Ion:188 Resp: 2028571

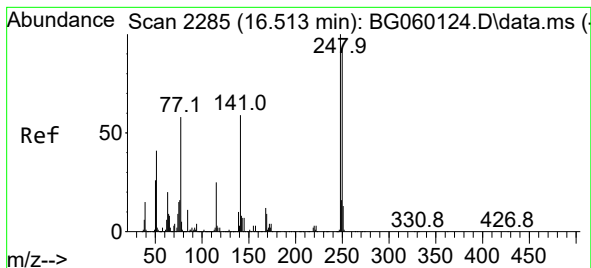
Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 11.0 7.9 11.9

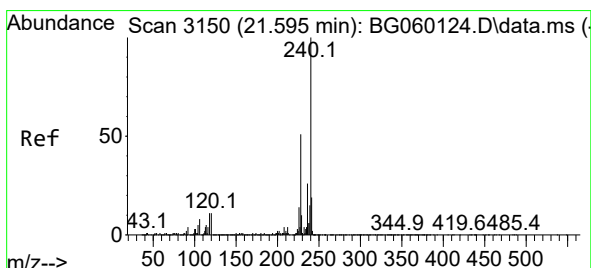
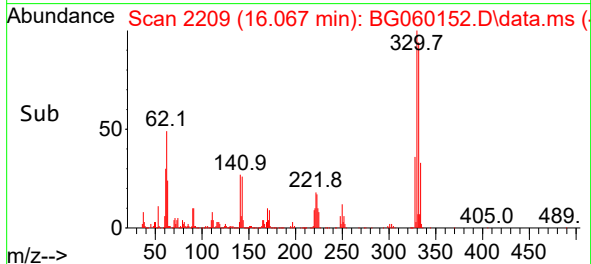
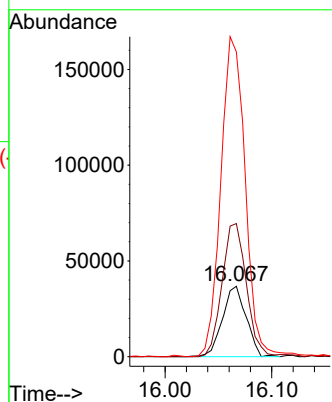
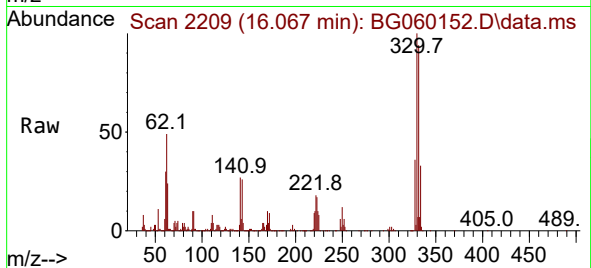




#67
4-Bromophenyl-phenylether
Concen: 2.962 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

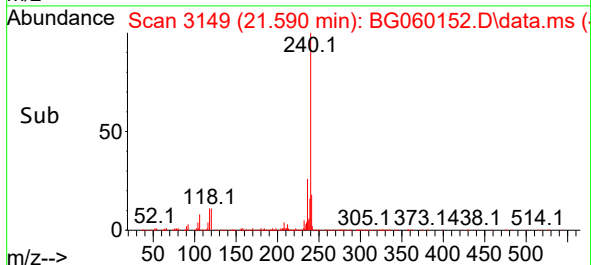
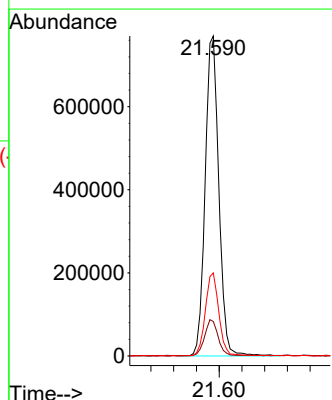
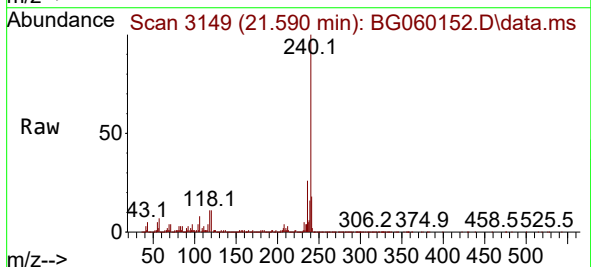
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

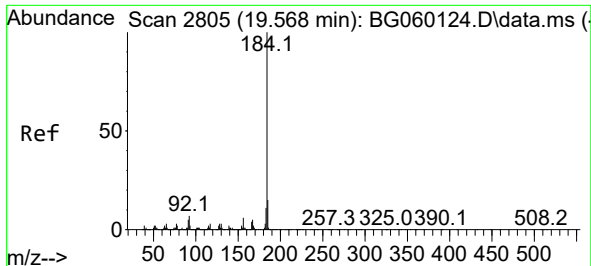
Tgt Ion:248 Resp: 56597
Ion Ratio Lower Upper
248 100
250 138.3 74.5 111.7#
141 316.6 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:240 Resp: 1276414
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.9 20.4 30.6

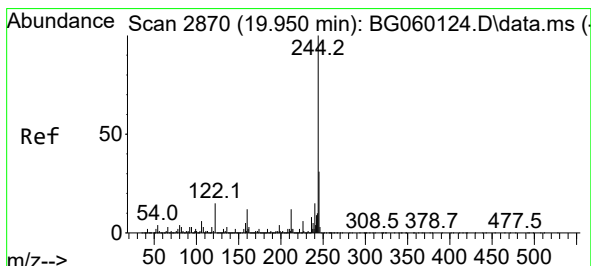
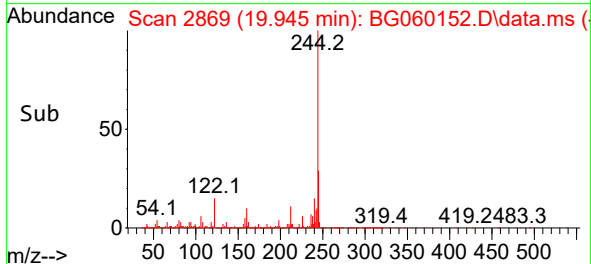
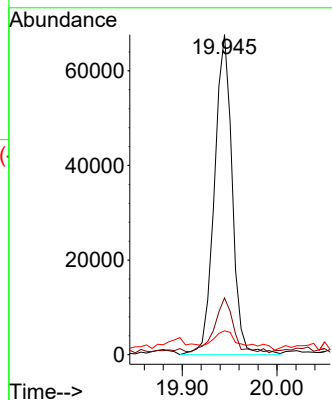
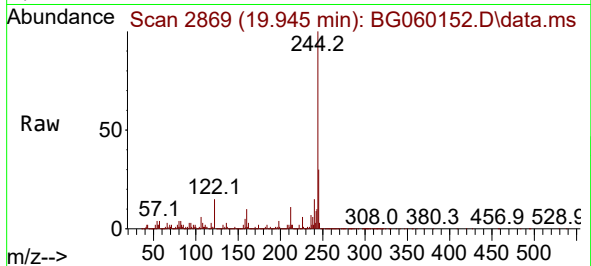




#77
Benzidine
Concen: 2.550 ng
RT: 19.945 min Scan# 2869
Delta R.T. 0.376 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

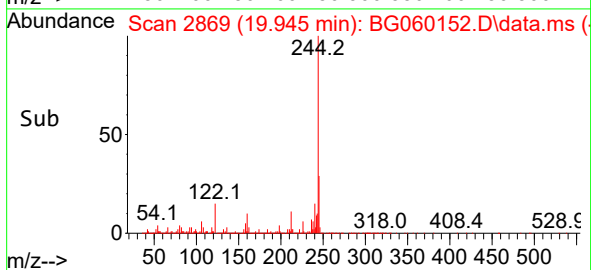
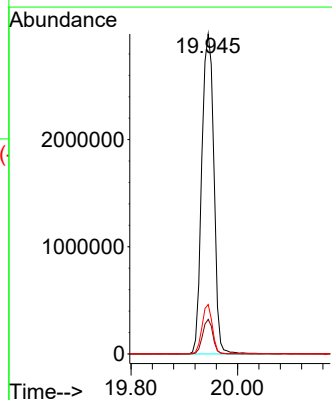
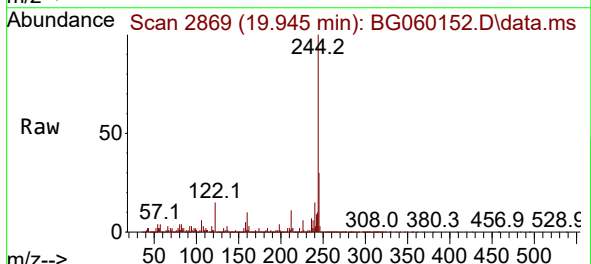
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

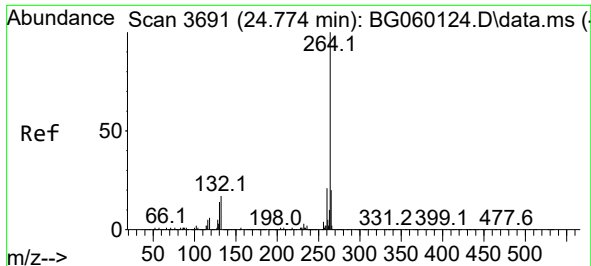
Tgt Ion:184 Resp: 88016
Ion Ratio Lower Upper
184 100
185 17.7 11.7 17.5#
183 7.4 9.0 13.6#



#79
Terphenyl-d14
Concen: 66.672 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:244 Resp: 4702898
Ion Ratio Lower Upper
244 100
212 10.8 9.5 14.3
122 15.4 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: BG060152.D
Acq: 23 Dec 2023 00:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

Tgt Ion:264 Resp: 1480350

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.1	25.7
265	20.5	16.0	24.0

