

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061038.D
 Acq On : 25 Apr 2024 15:16
 Operator : MA/JU
 Sample : P2259-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Quant Time: Apr 25 16:14:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

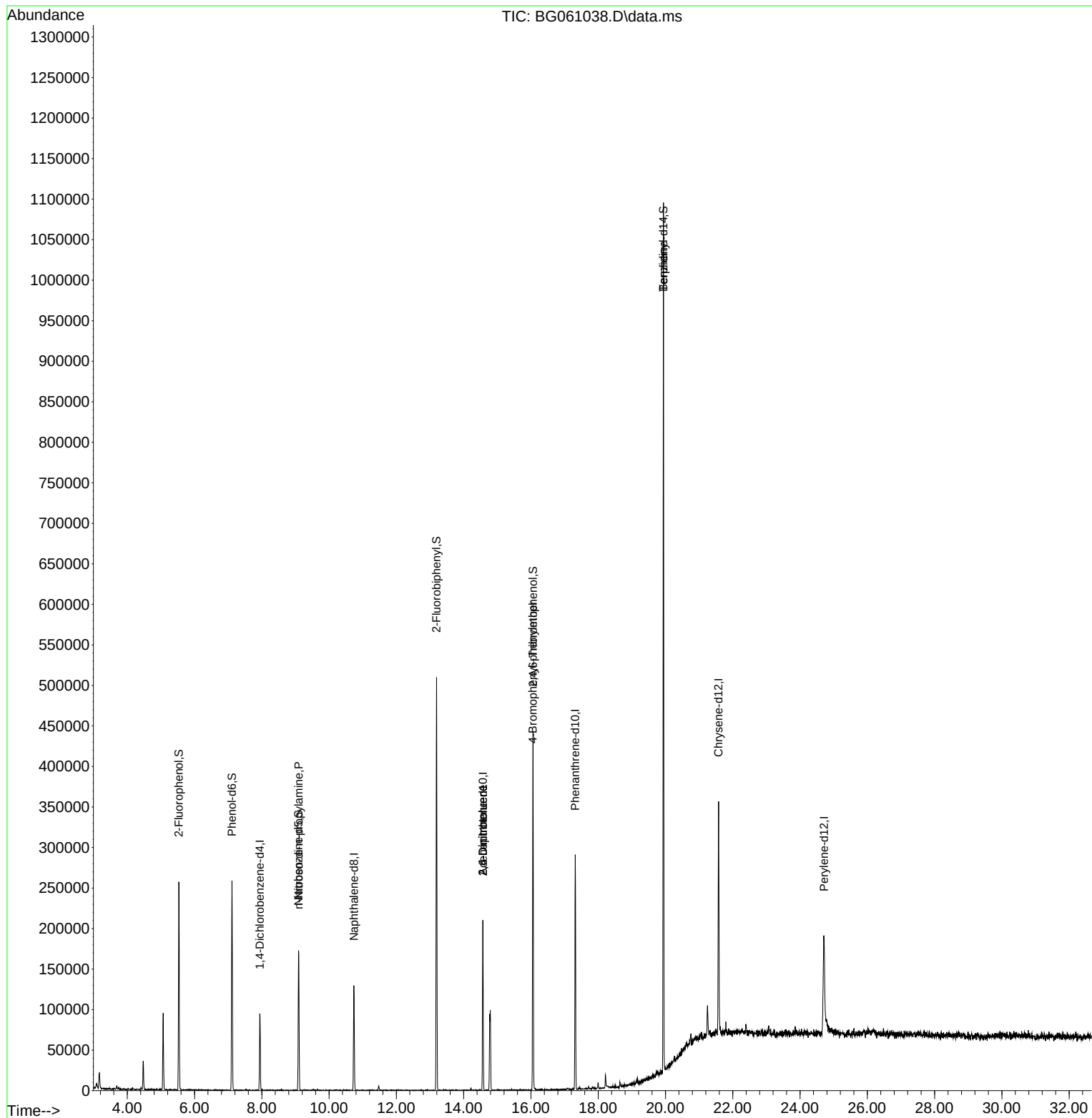
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	24459	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	98546	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	78241	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	186640	20.000	ng	0.00
76) Chrysene-d12	21.577	240	183537	20.000	ng	# 0.00
86) Perylene-d12	24.709	264	184602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	95958	79.357	ng	0.00
7) Phenol-d6	7.112	99	114531	63.837	ng	0.00
23) Nitrobenzene-d5	9.092	82	88708	40.444	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	96845	56.367	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	264097	46.716	ng	0.00
79) Terphenyl-d14	19.938	244	540218	45.688	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	13215	9.884	ng	# 67
51) 2,6-Dinitrotoluene	14.574	165	10793	8.017	ng	# 16
57) 2,4-Dinitrotoluene	14.574	165	10793	5.567	ng	# 19
67) 4-Bromophenyl-phenylether	16.054	248	6228	2.528	ng	# 1
77) Benzidine	19.938	184	8698	2.558	ng	# 85

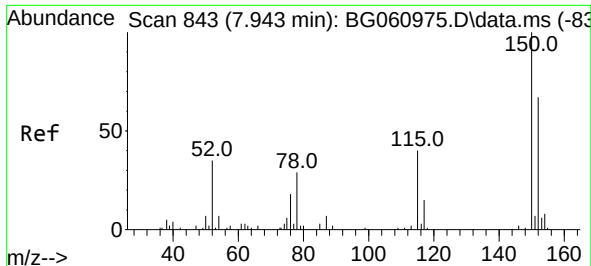
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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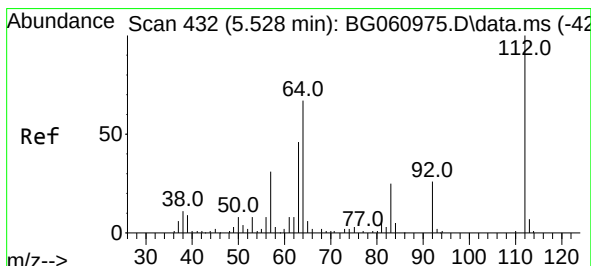
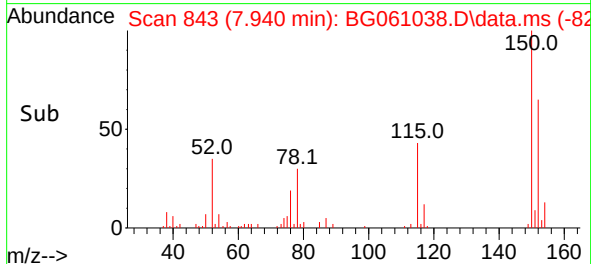
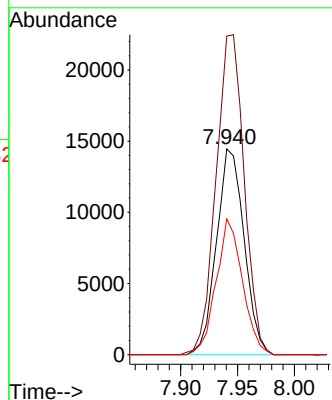
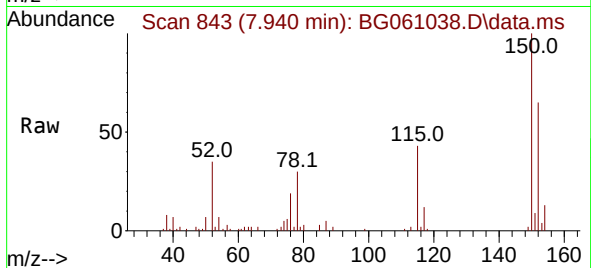




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

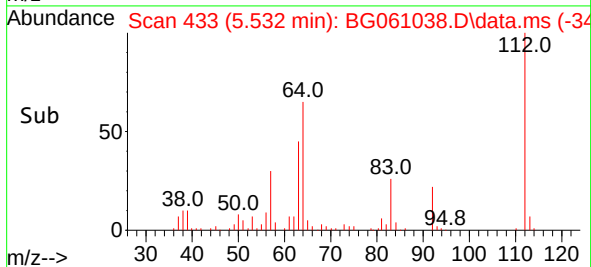
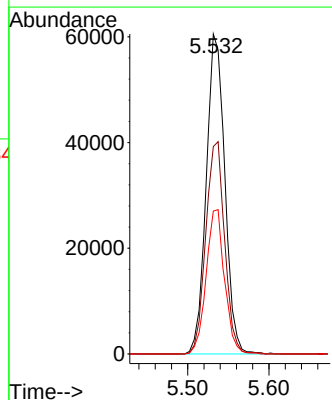
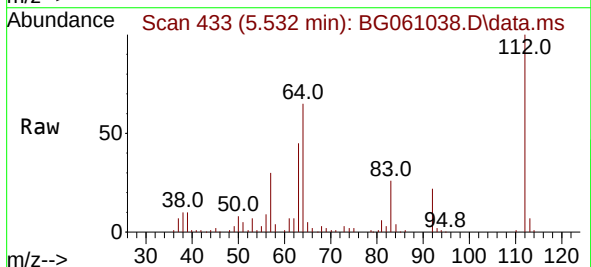
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

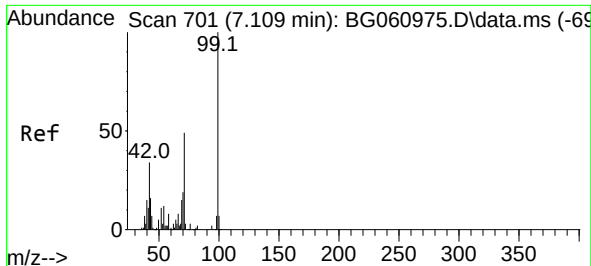
Tgt Ion:152 Resp: 24459
Ion Ratio Lower Upper
152 100
150 154.8 118.6 178.0
115 66.0 47.4 71.0



#5
2-Fluorophenol
Concen: 79.357 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:112 Resp: 95958
Ion Ratio Lower Upper
112 100
64 64.8 53.7 80.5
63 44.6 37.0 55.6

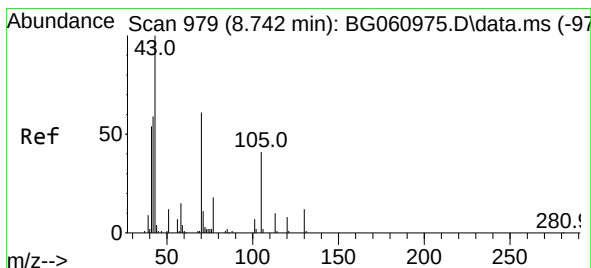
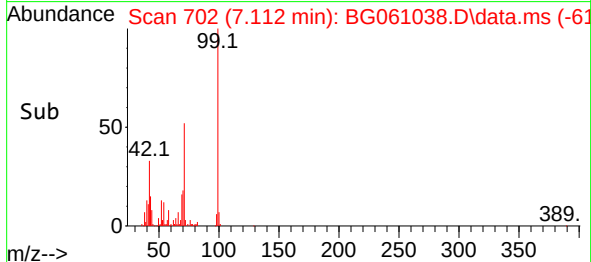
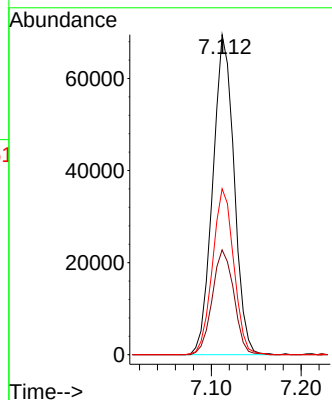
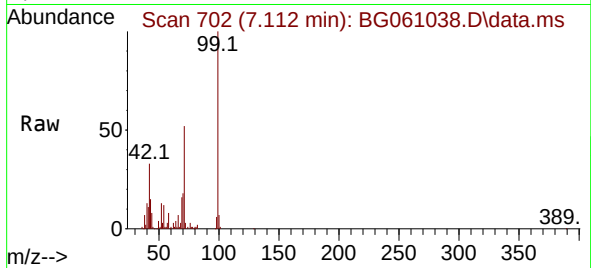




#7
Phenol-d6
Concen: 63.837 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

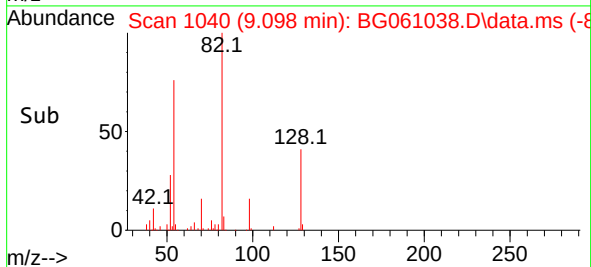
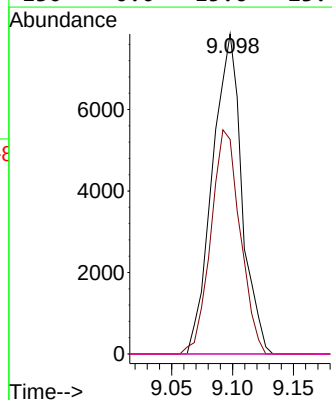
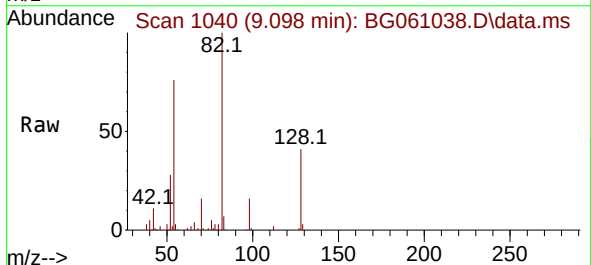
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

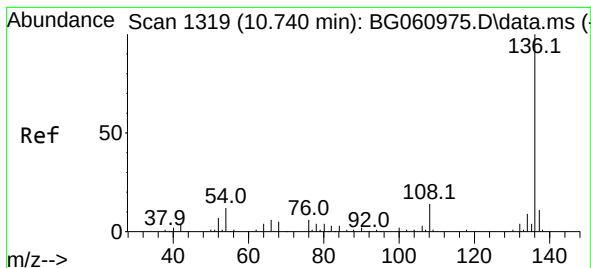
Tgt Ion: 99 Resp: 114531
Ion Ratio Lower Upper
99 100
42 32.8 27.2 40.8
71 51.8 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.884 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.356 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion: 70 Resp: 13215
Ion Ratio Lower Upper
70 100
42 67.0 78.0 117.0#
101 0.0 8.6 13.0#
130 0.0 15.6 23.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.737 min Scan# 1319

Delta R.T. -0.003 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

Tgt Ion:136 Resp: 98546

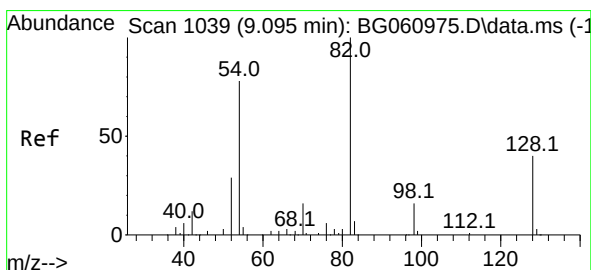
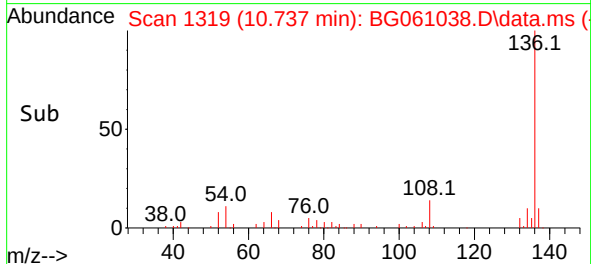
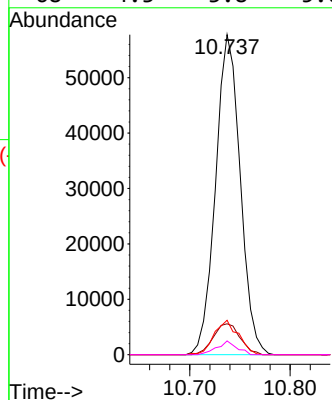
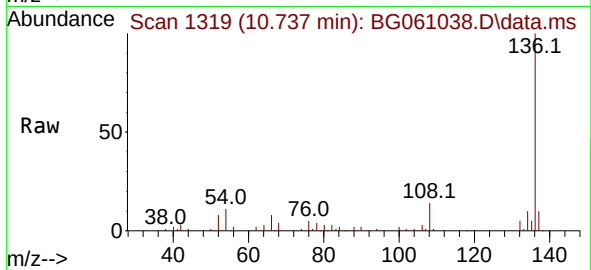
Ion Ratio Lower Upper

136 100

137 9.7 8.5 12.7

54 10.8 9.4 14.0

68 4.3 3.8 5.6



#23

Nitrobenzene-d5

Concen: 40.444 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.002 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

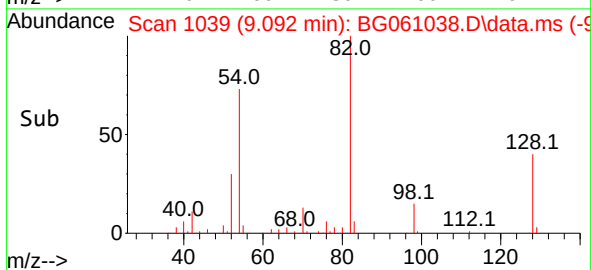
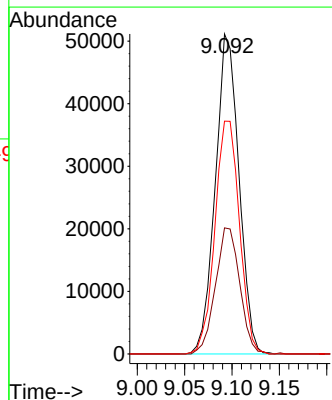
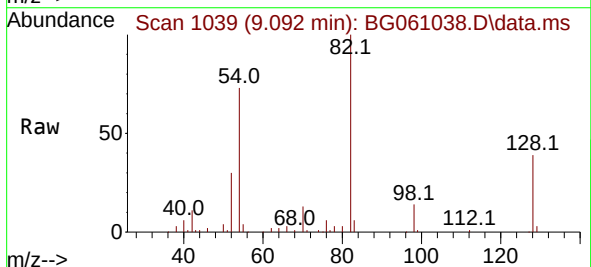
Tgt Ion: 82 Resp: 88708

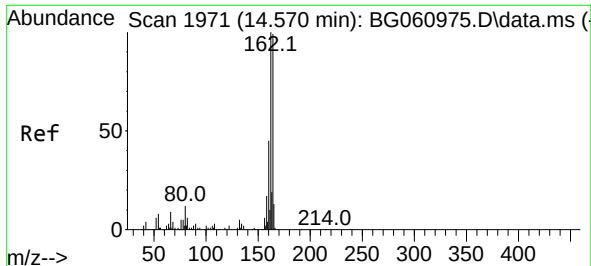
Ion Ratio Lower Upper

82 100

128 39.4 32.1 48.1

54 72.8 62.3 93.5

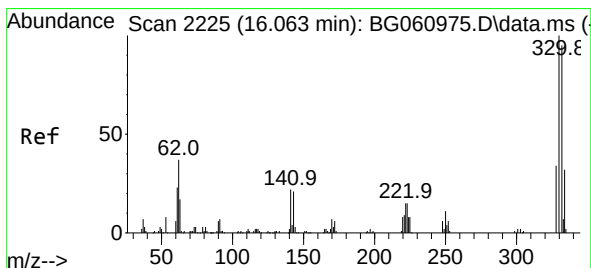
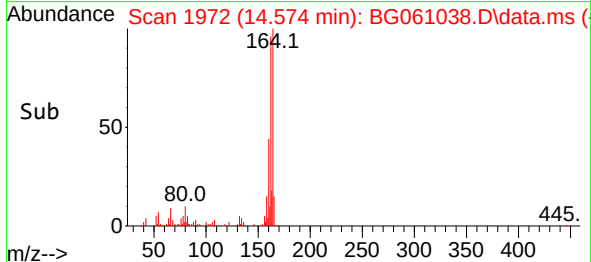
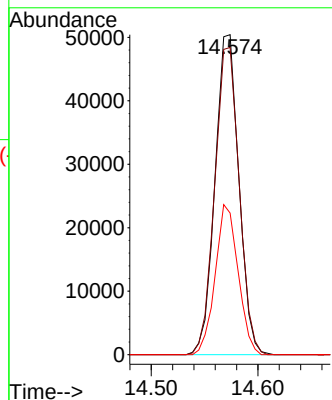
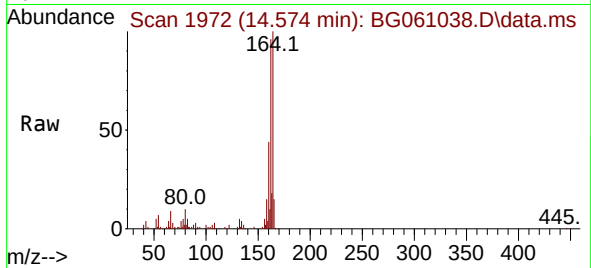




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

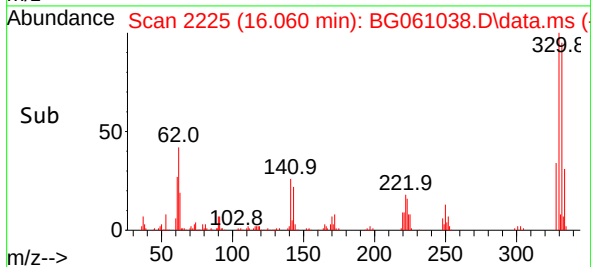
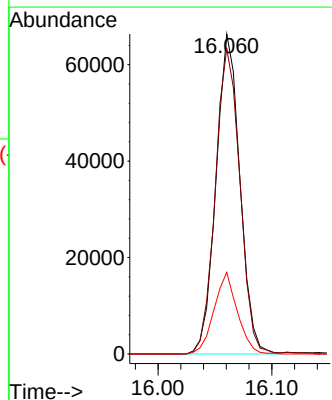
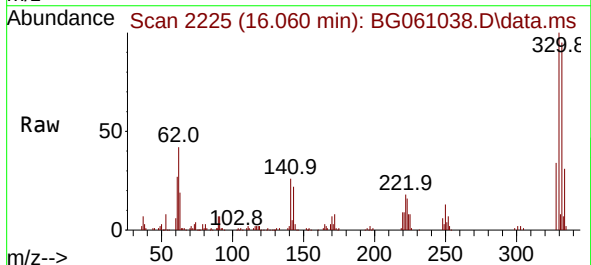
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

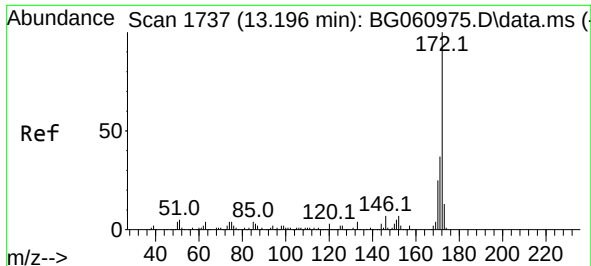
Tgt Ion:164 Resp: 78241
Ion Ratio Lower Upper
164 100
162 96.0 81.2 121.8
160 44.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 56.367 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:330 Resp: 96845
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 24.9 20.6 31.0

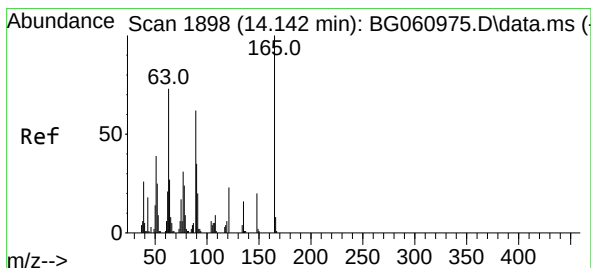
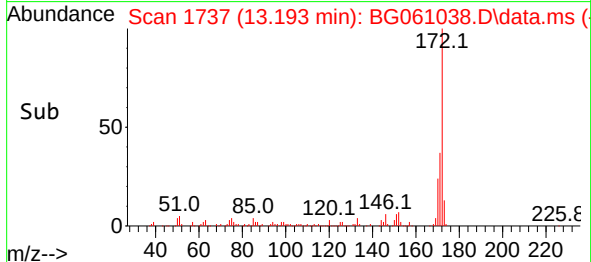
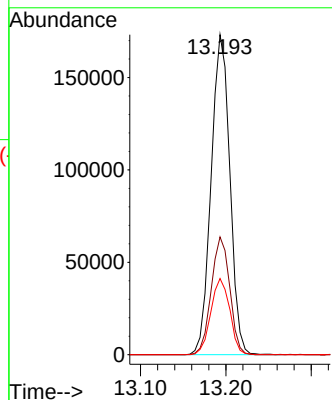
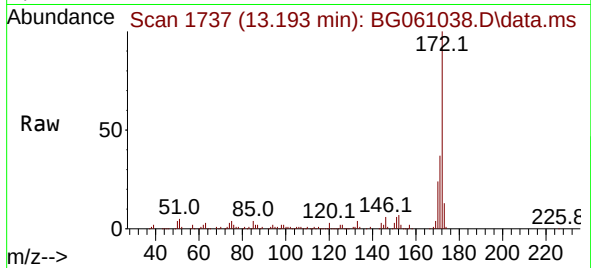




#45
2-Fluorobiphenyl
Concen: 46.716 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

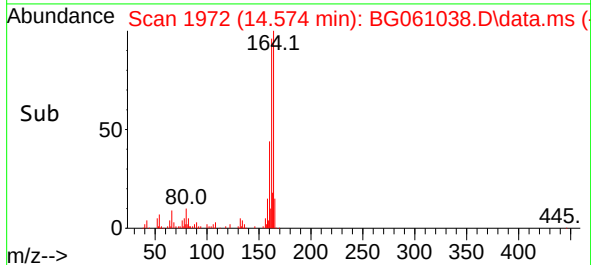
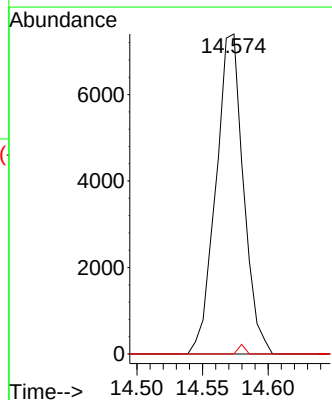
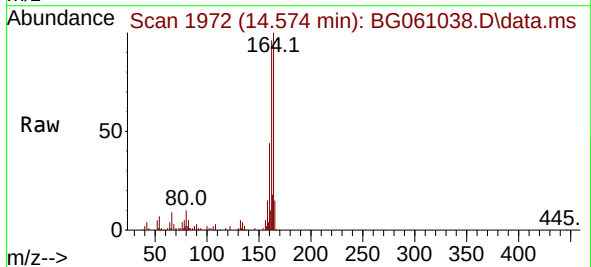
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

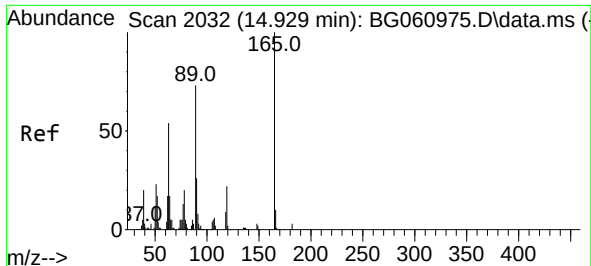
Tgt Ion:172 Resp: 264097
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 23.8 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 8.017 ng
RT: 14.574 min Scan# 1972
Delta R.T. 0.432 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:165 Resp: 10793
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#

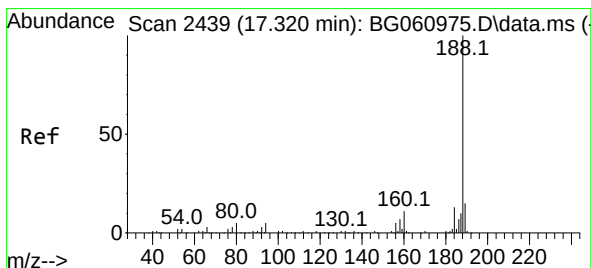
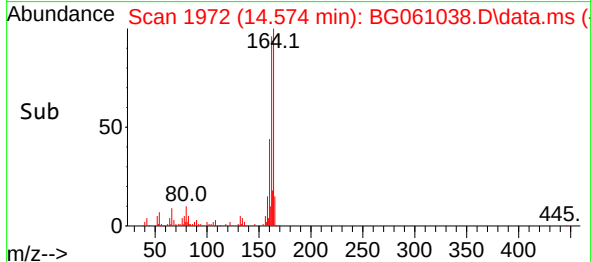
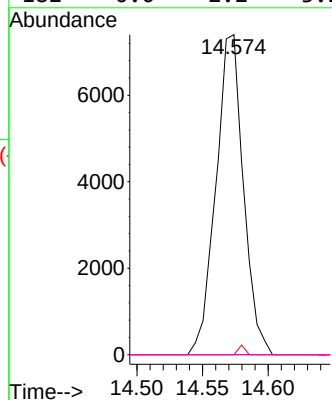
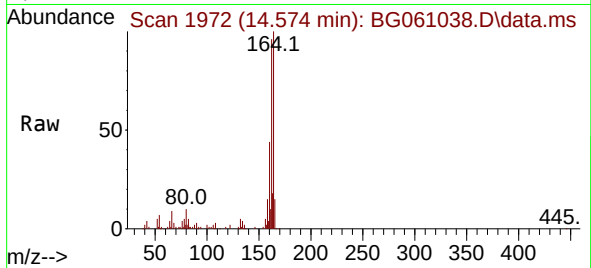




#57
2,4-Dinitrotoluene
Concen: 5.567 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.355 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

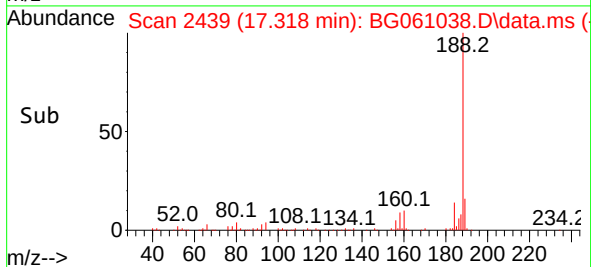
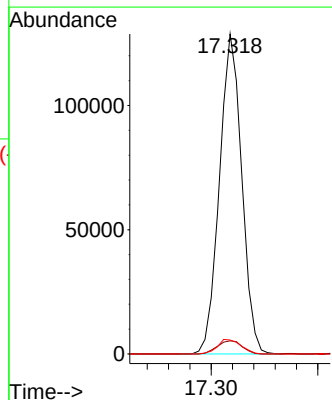
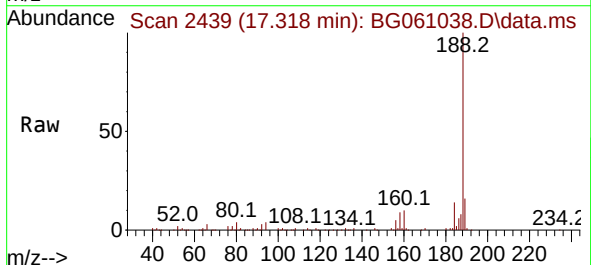
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

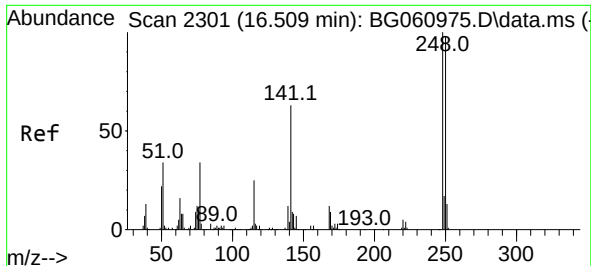
Tgt Ion:165 Resp: 10793
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:188 Resp: 186640
Ion Ratio Lower Upper
188 100
94 4.1 4.1 6.1
80 4.4 4.0 6.0

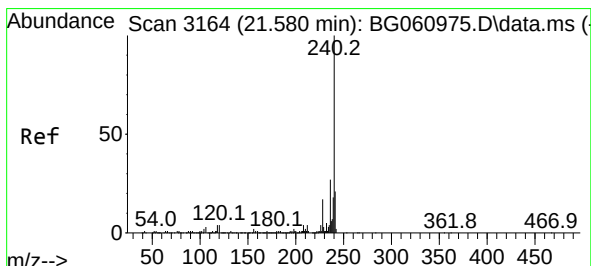
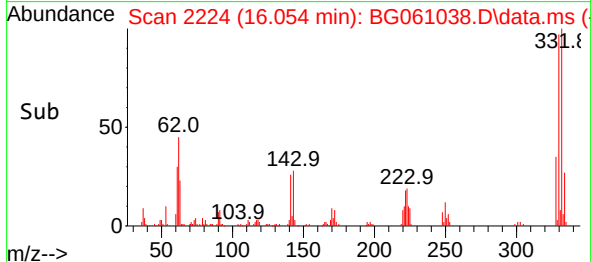
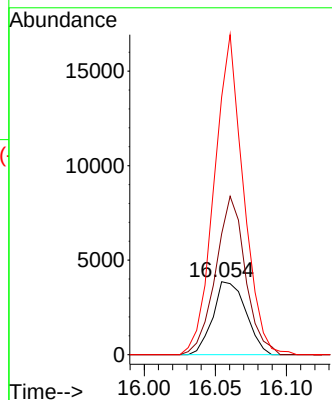
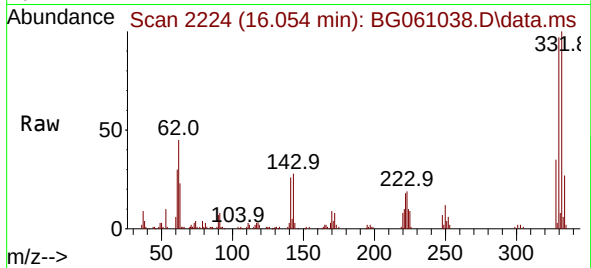




#67
4-Bromophenyl-phenylether
Concen: 2.528 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

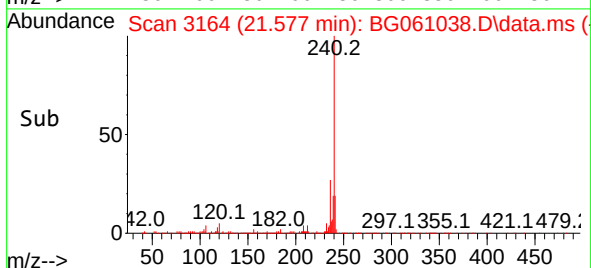
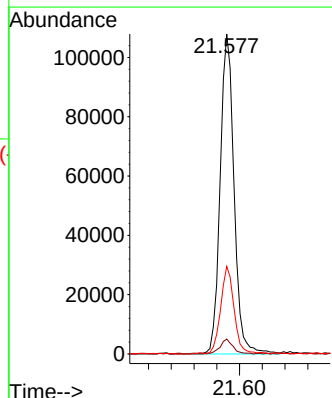
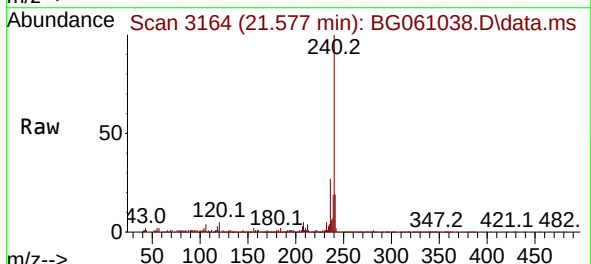
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

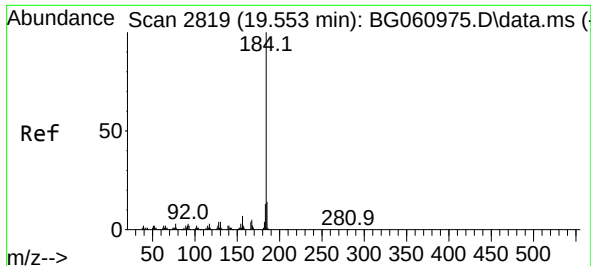
Tgt Ion:248 Resp: 6228
Ion Ratio Lower Upper
248 100
250 165.5 78.7 118.1#
141 352.9 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:240 Resp: 183537
Ion Ratio Lower Upper
240 100
120 4.7 3.0 4.6#
236 27.3 21.8 32.6

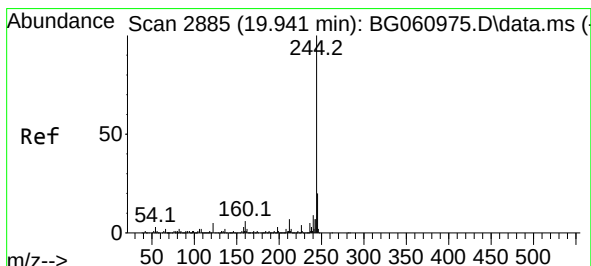
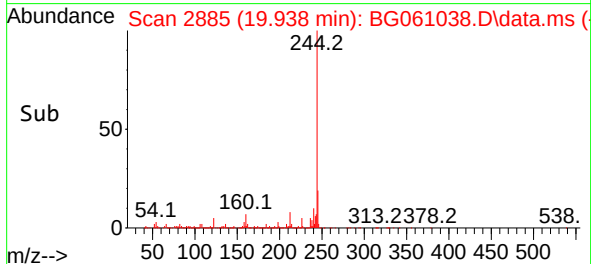
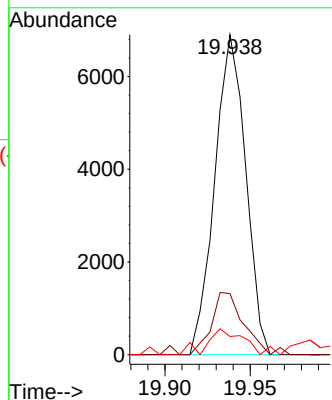
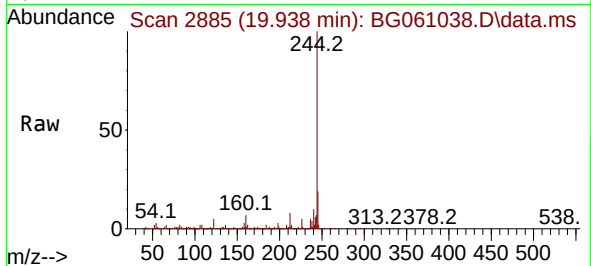




#77
Benzidine
Concen: 2.558 ng
RT: 19.938 min Scan# 2819
Delta R.T. 0.385 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

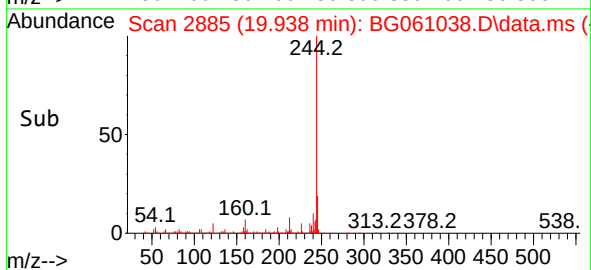
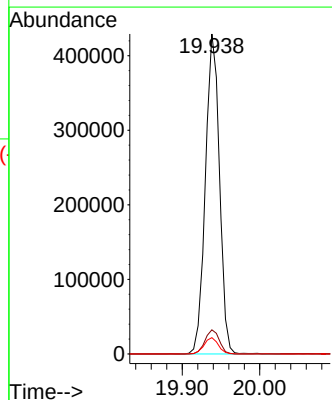
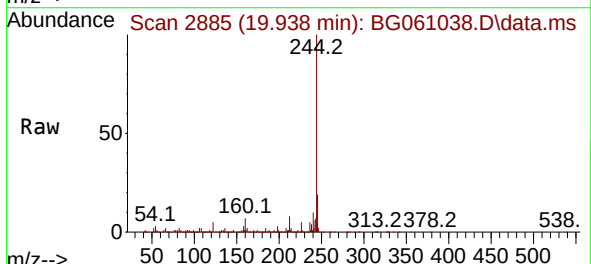
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

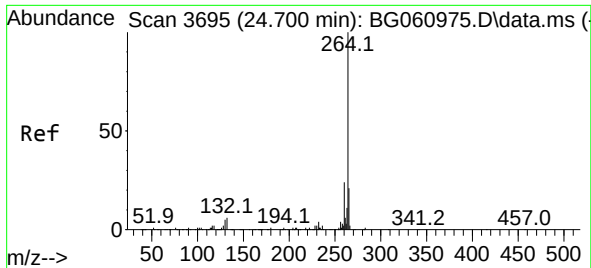
Tgt Ion:184 Resp: 8698
Ion Ratio Lower Upper
184 100
185 19.1 11.3 16.9#
183 5.7 10.2 15.2#



#79
Terphenyl-d14
Concen: 45.688 ng
RT: 19.938 min Scan# 2885
Delta R.T. -0.002 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:244 Resp: 540218
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 5.1 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.709 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG061038.D
 Acq: 25 Apr 2024 15:16

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Tgt Ion:264 Resp: 184602
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 23.6 17.0 25.4

