

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061037.D
 Acq On : 25 Apr 2024 14:35
 Operator : MA/JU
 Sample : P2259-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Quant Time: Apr 25 15:32:40 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)

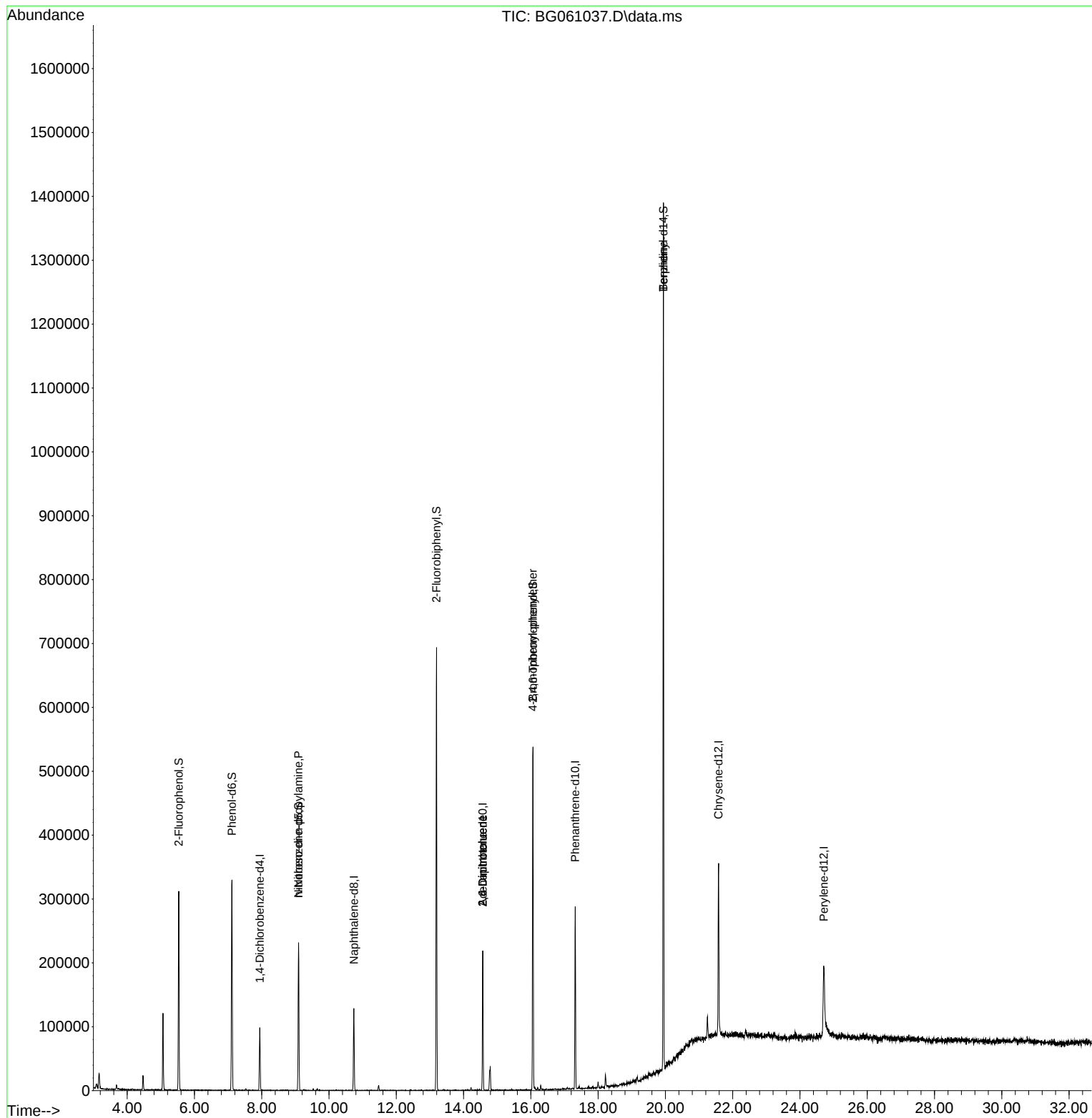
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	25378	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	97759	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	77794	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	180023	20.000	ng	0.00
76) Chrysene-d12	21.580	240	178596	20.000	ng	0.00
86) Perylene-d12	24.706	264	161495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	112458	89.634	ng	0.00
7) Phenol-d6	7.115	99	151446	81.356	ng	0.00
23) Nitrobenzene-d5	9.095	82	116539	53.560	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	122923	71.956	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	342110	60.864	ng	0.00
79) Terphenyl-d14	19.941	244	674754	58.645	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.095	70	17151	12.363	ng	# 71
51) 2,6-Dinitrotoluene	14.571	165	10603	7.921	ng	# 16
57) 2,4-Dinitrotoluene	14.571	165	10603	5.500	ng	# 19
67) 4-Bromophenyl-phenylether	16.057	248	7402	3.116	ng	# 1
77) Benzidine	19.941	184	12178	3.680	ng	# 87

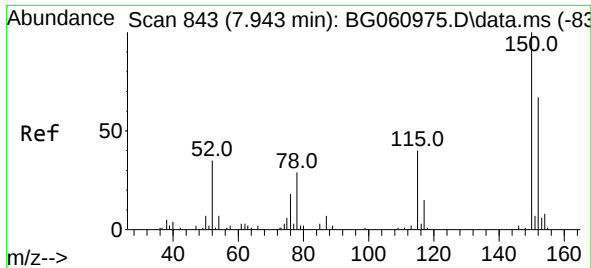
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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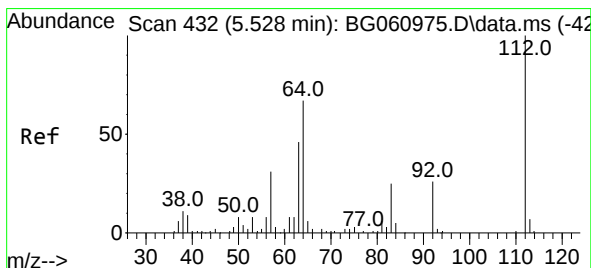
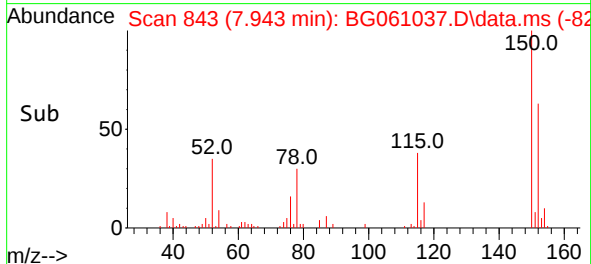
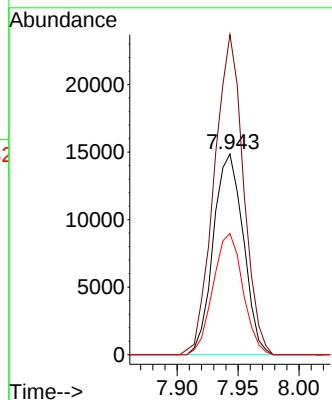
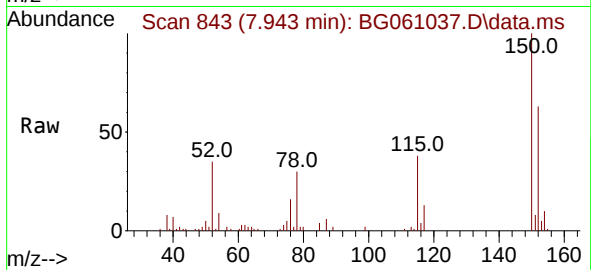




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 843
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

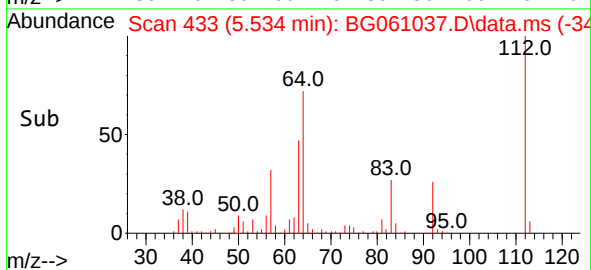
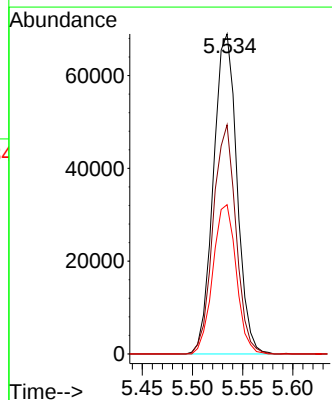
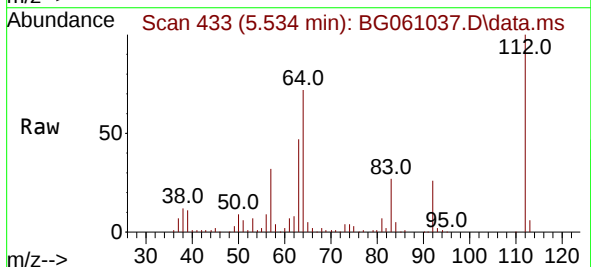
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

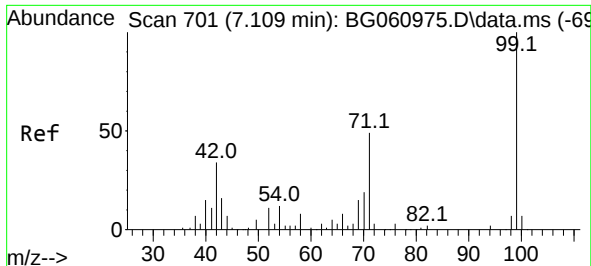
Tgt Ion:152 Resp: 25378
Ion Ratio Lower Upper
152 100
150 159.5 118.6 178.0
115 60.4 47.4 71.0



#5
2-Fluorophenol
Concen: 89.634 ng
RT: 5.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Tgt Ion:112 Resp: 112458
Ion Ratio Lower Upper
112 100
64 71.6 53.7 80.5
63 46.6 37.0 55.6

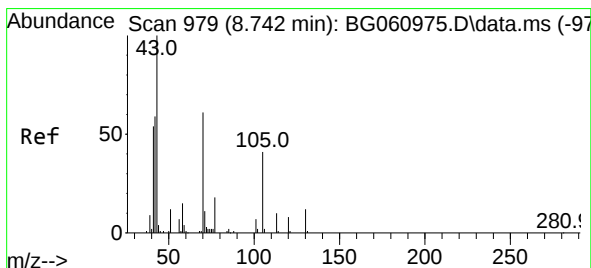
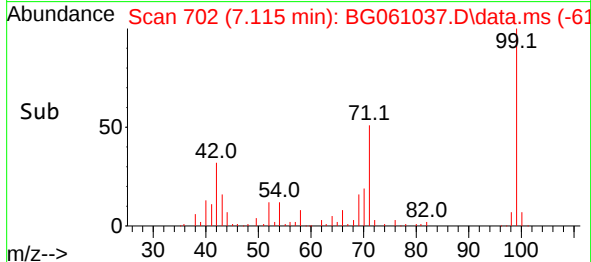
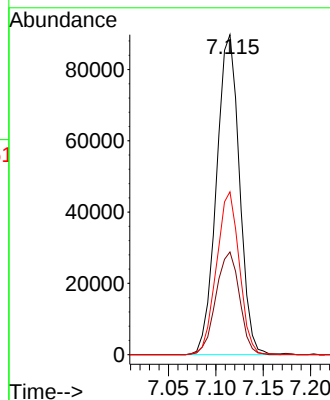
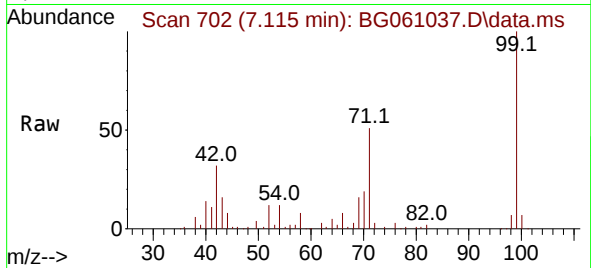




#7
Phenol-d6
Concen: 81.356 ng
RT: 7.115 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

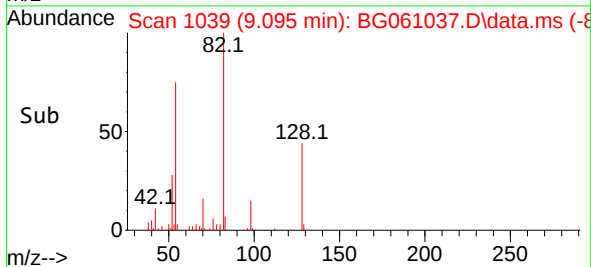
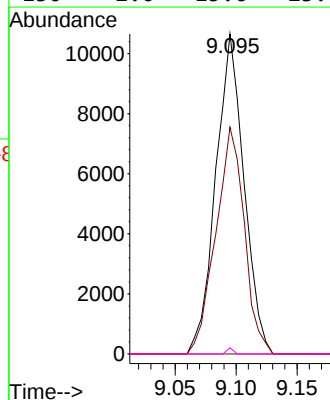
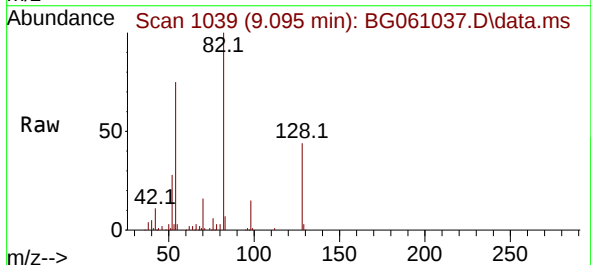
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

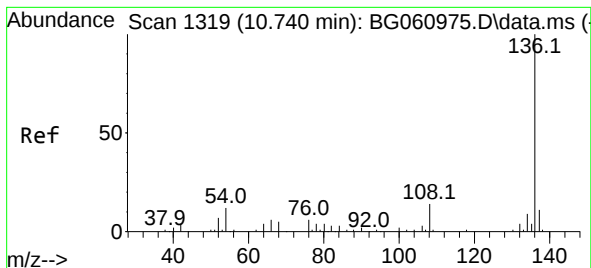
Tgt Ion: 99 Resp: 151446
Ion Ratio Lower Upper
99 100
42 32.1 27.2 40.8
71 50.9 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.363 ng
RT: 9.095 min Scan# 1039
Delta R.T. 0.353 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Tgt Ion: 70 Resp: 17151
Ion Ratio Lower Upper
70 100
42 70.9 78.0 117.0#
101 0.0 8.6 13.0#
130 2.0 15.6 23.4#





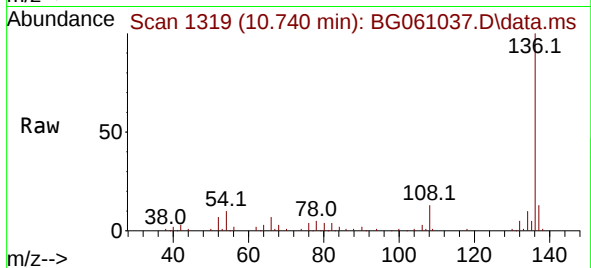
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Instrument :

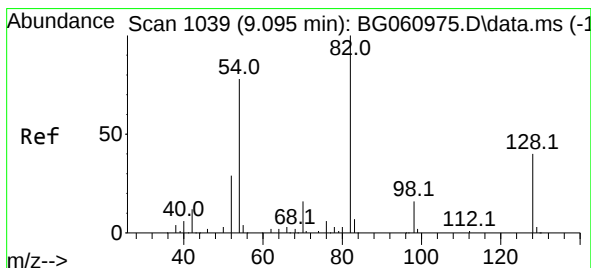
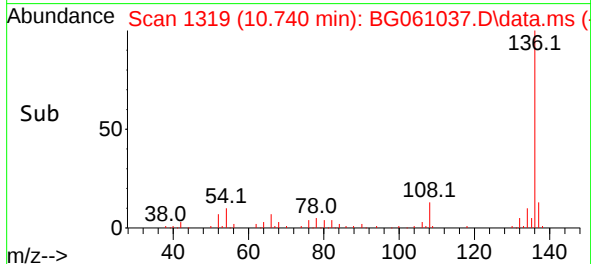
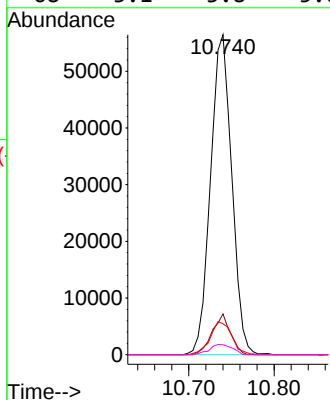
BNA_G

ClientSampleId :

CONCRETE-1

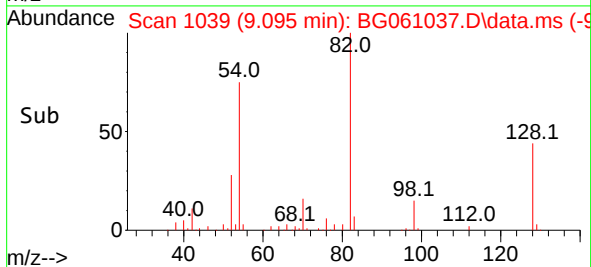
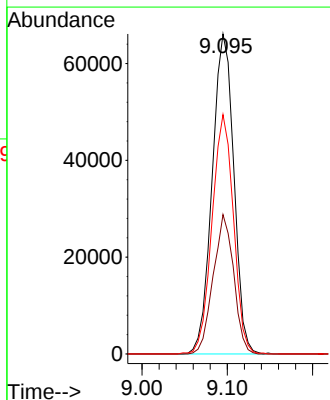
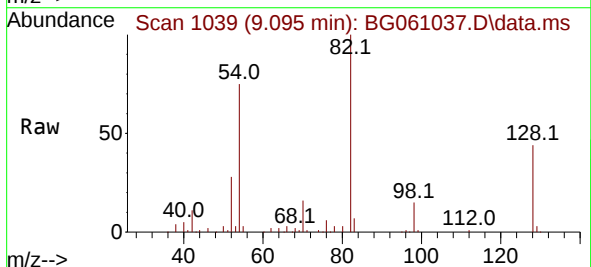


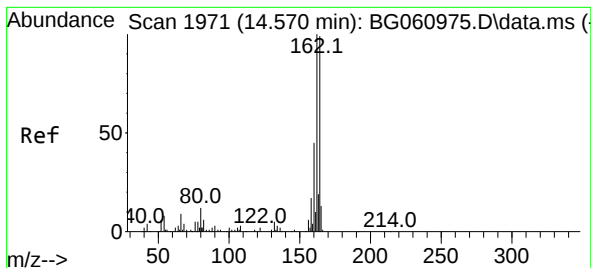
Tgt Ion:136 Resp: 97759
Ion Ratio Lower Upper
136 100
137 12.8 8.5 12.7#
54 9.7 9.4 14.0
68 3.1 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 53.560 ng
RT: 9.095 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Tgt Ion: 82 Resp: 116539
Ion Ratio Lower Upper
82 100
128 43.6 32.1 48.1
54 74.8 62.3 93.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BG061037.D

Acq: 25 Apr 2024 14:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

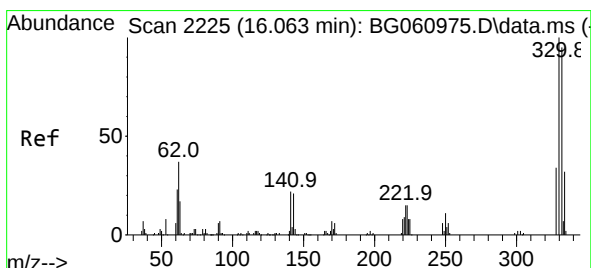
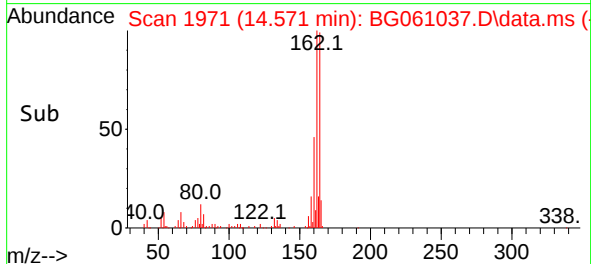
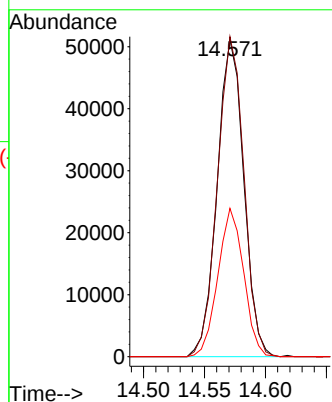
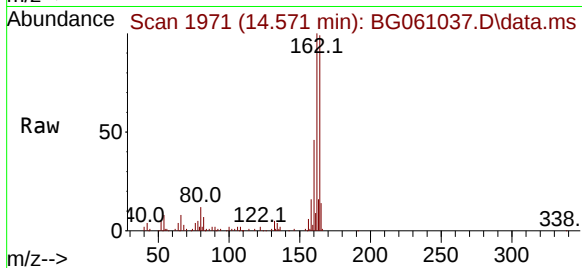
Tgt Ion:164 Resp: 77794

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

160 46.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 71.956 ng

RT: 16.063 min Scan# 2225

Delta R.T. 0.000 min

Lab File: BG061037.D

Acq: 25 Apr 2024 14:35

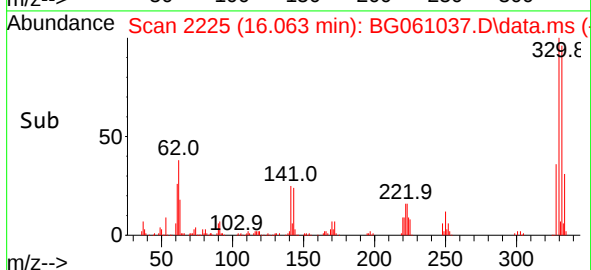
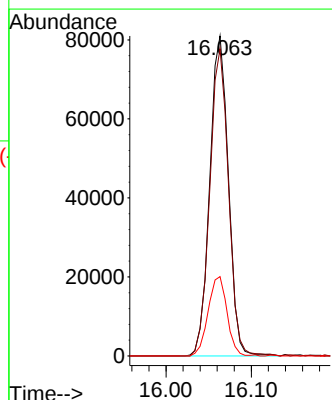
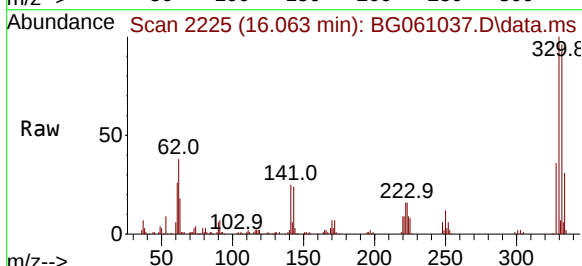
Tgt Ion:330 Resp: 122923

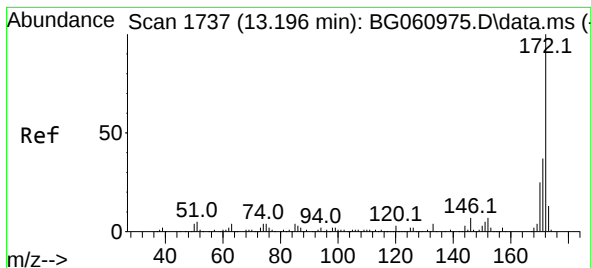
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 25.1 20.6 31.0

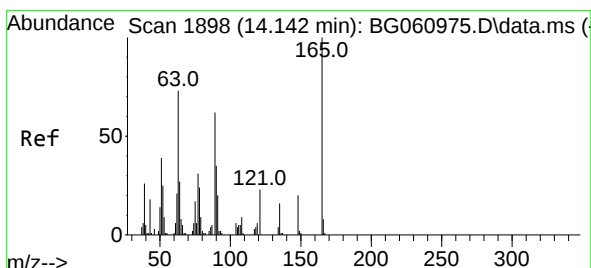
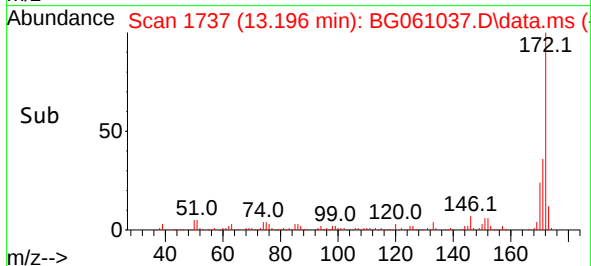
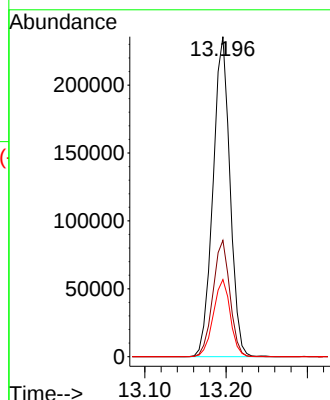
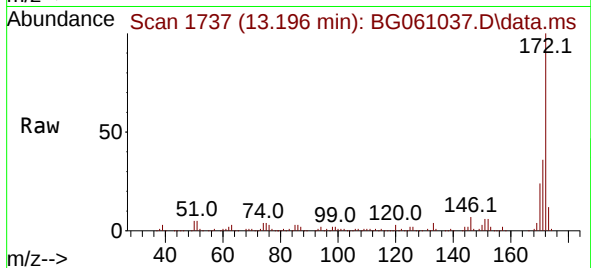




#45
2-Fluorobiphenyl
Concen: 60.864 ng
RT: 13.196 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

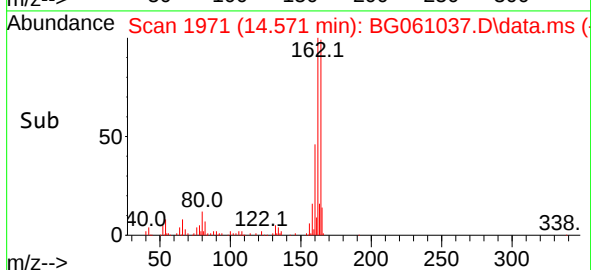
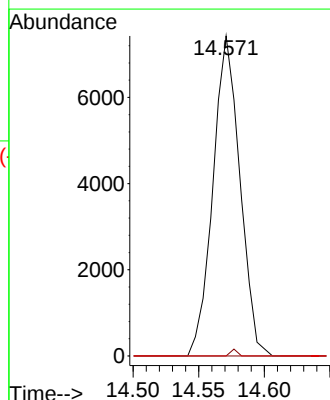
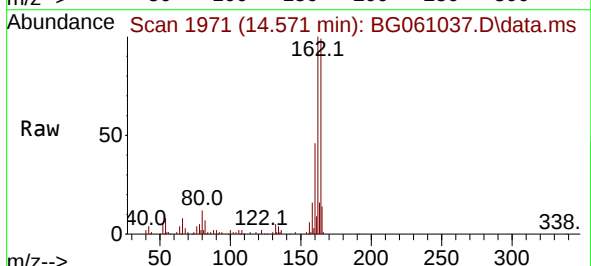
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

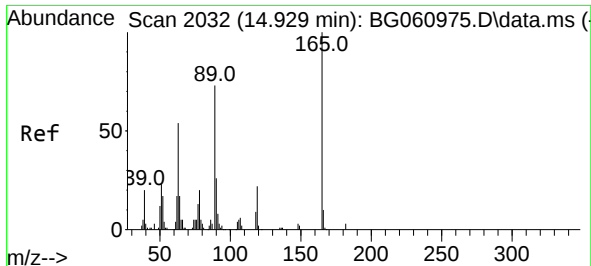
Tgt Ion:172 Resp: 342110
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.921 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

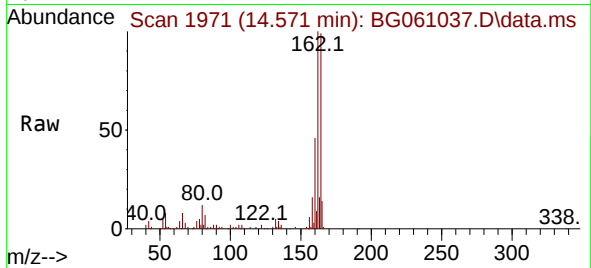
Tgt Ion:165 Resp: 10603
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#



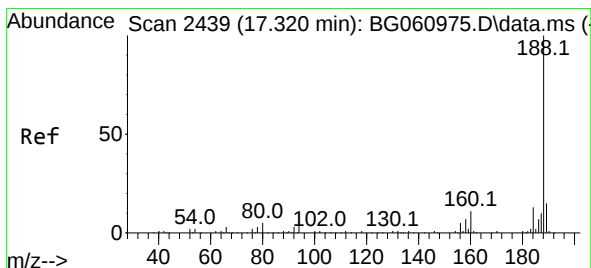
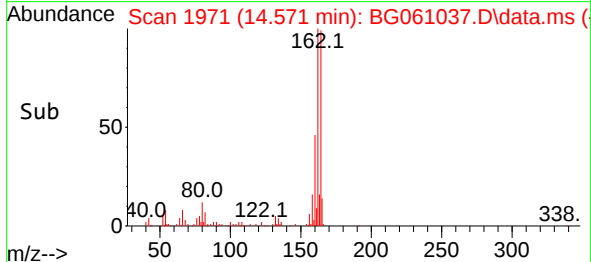
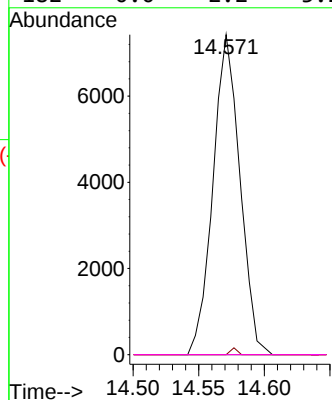


#57
2,4-Dinitrotoluene
Concen: 5.500 ng
RT: 14.571 min Scan# 1971
Delta R.T. -0.358 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

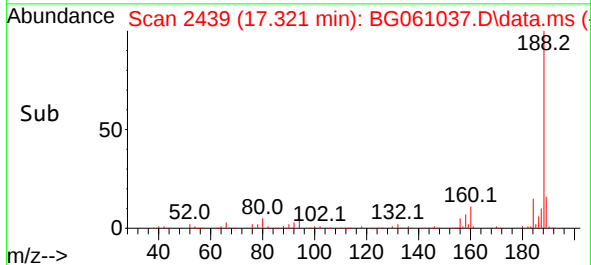
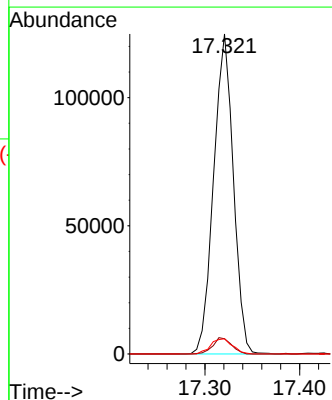
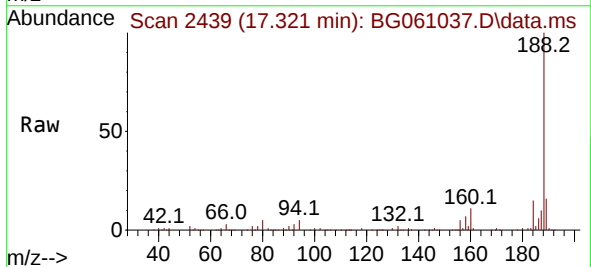


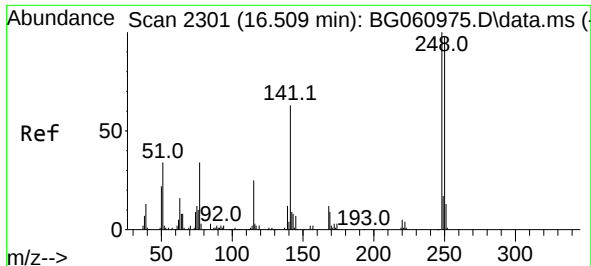
Tgt Ion:165 Resp: 10603
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Tgt Ion:188 Resp: 180023
Ion Ratio Lower Upper
188 100
94 4.7 4.1 6.1
80 4.8 4.0 6.0

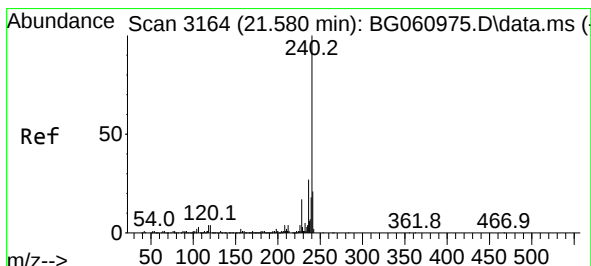
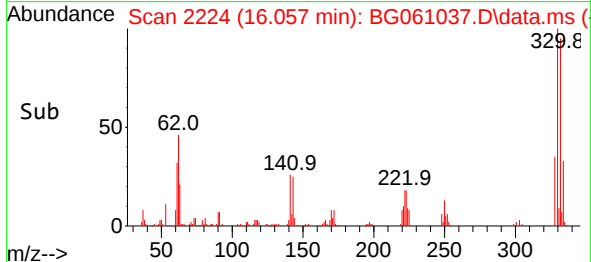
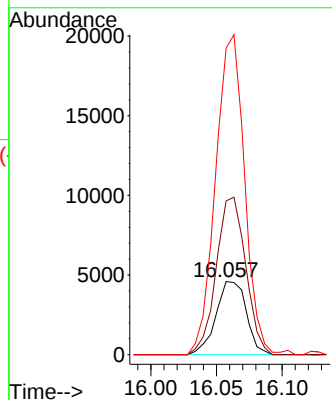
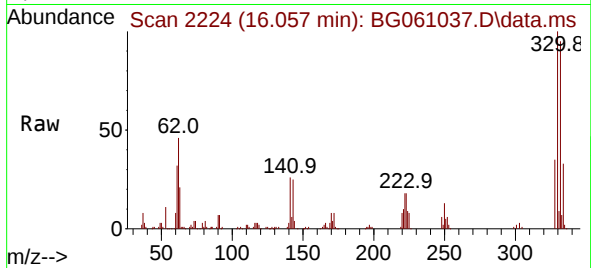




#67
4-Bromophenyl-phenylether
Concen: 3.116 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

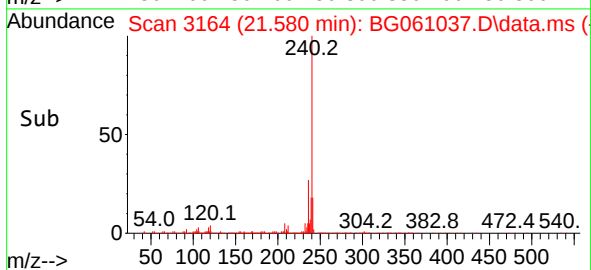
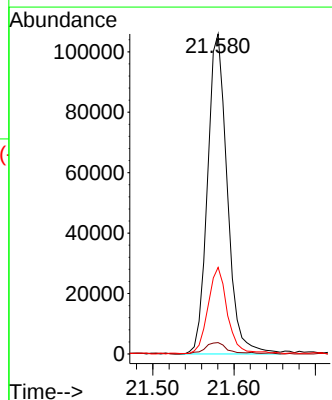
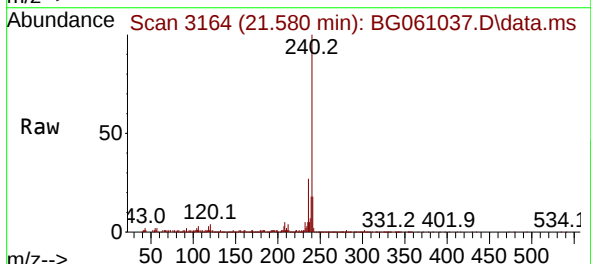
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

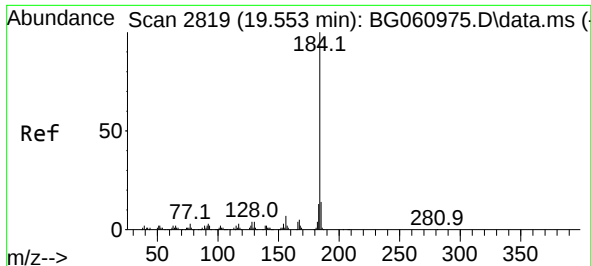
Tgt Ion:248 Resp: 7402
Ion Ratio Lower Upper
248 100
250 210.0 78.7 118.1#
141 418.5 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Tgt Ion:240 Resp: 178596
Ion Ratio Lower Upper
240 100
120 4.4 3.0 4.6
236 27.0 21.8 32.6

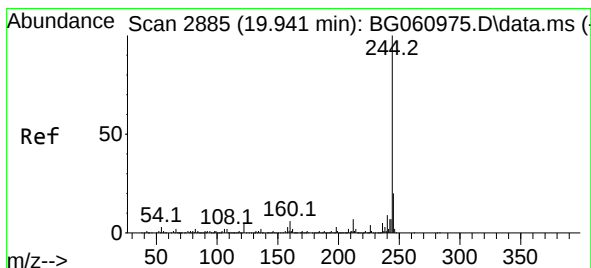
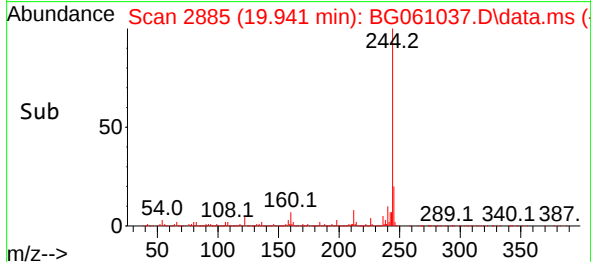
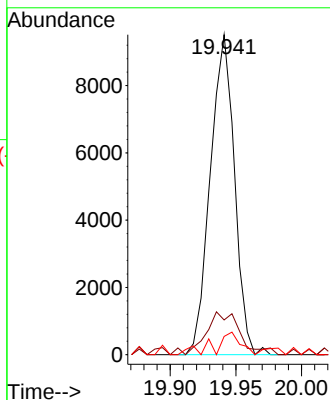
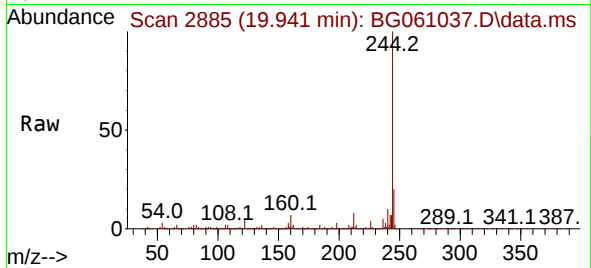




#77
Benzidine
Concen: 3.680 ng
RT: 19.941 min Scan# 2885
Delta R.T. 0.388 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

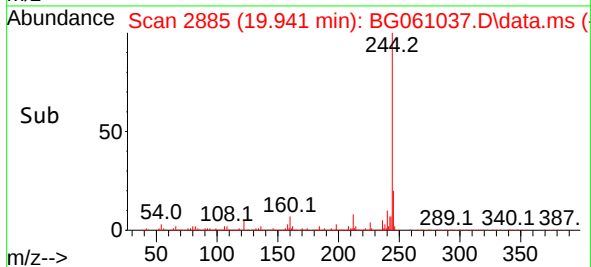
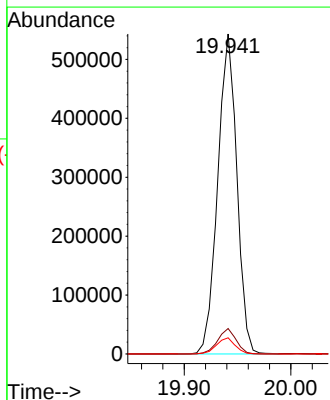
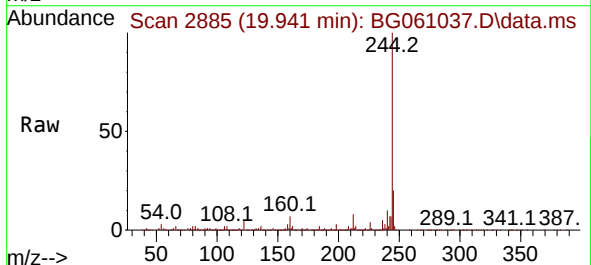
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

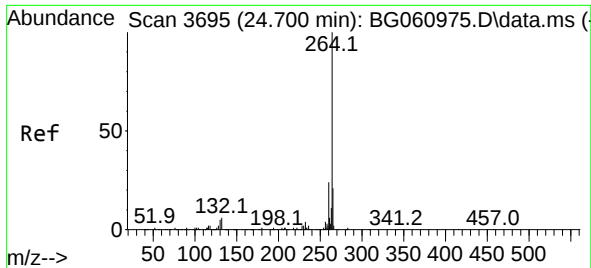
Tgt Ion:184 Resp: 12178
Ion Ratio Lower Upper
184 100
185 10.8 11.3 16.9#
183 5.7 10.2 15.2#



#79
Terphenyl-d14
Concen: 58.645 ng
RT: 19.941 min Scan# 2885
Delta R.T. 0.000 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

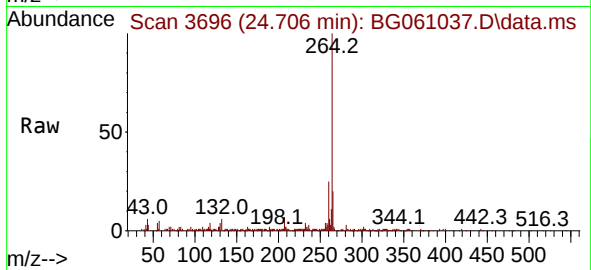
Tgt Ion:244 Resp: 674754
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 5.1 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.706 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG061037.D
Acq: 25 Apr 2024 14:35

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1



Tgt Ion:264 Resp: 161495

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	20.2	17.0	25.4

