

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060799.D
 Acq On : 5 Apr 2024 17:04
 Operator : MA/JU
 Sample : P1999-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 THO-CONCRETE-03

Quant Time: Apr 05 17:36:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

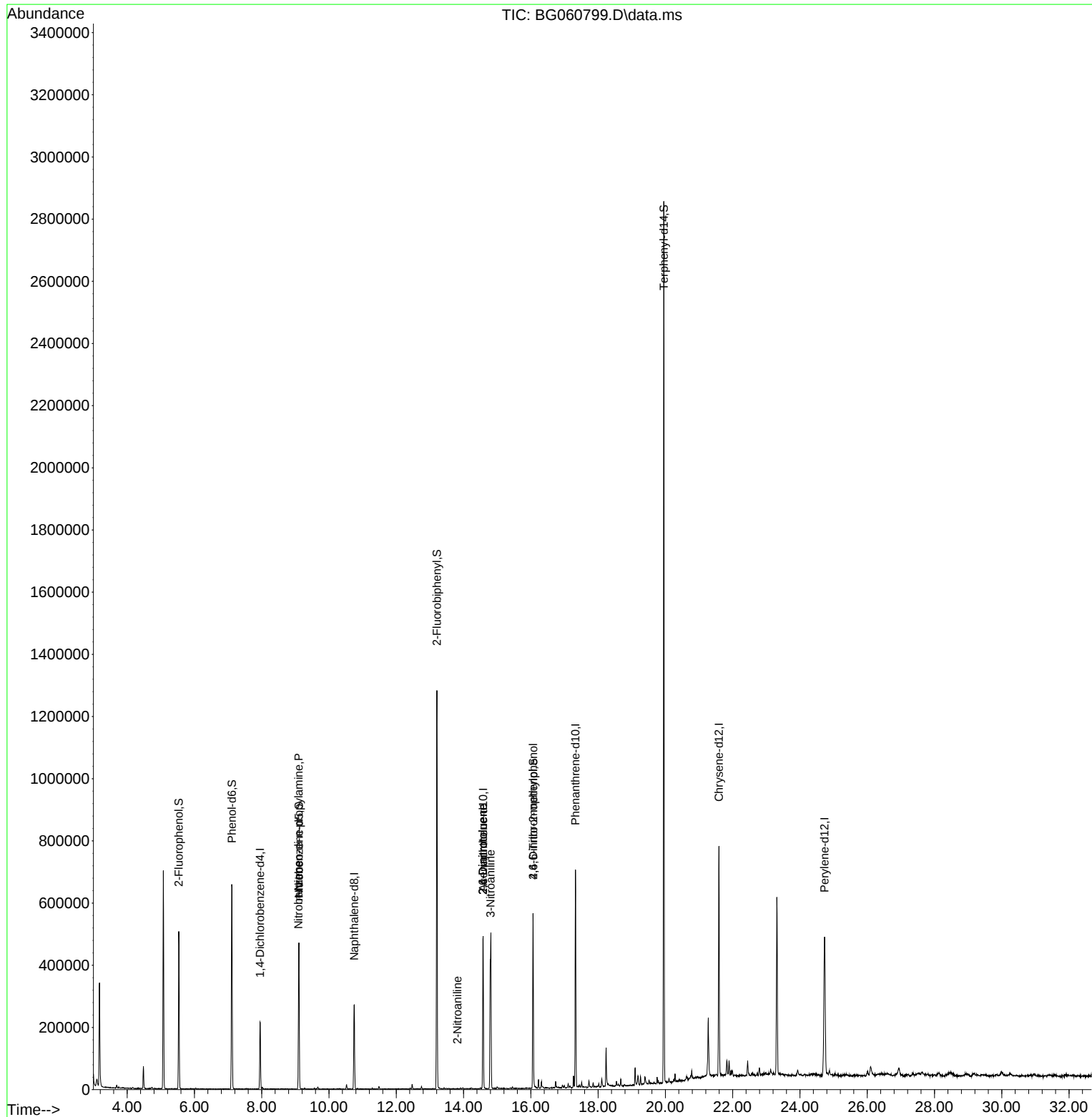
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	59477	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	226134	20.000	ng	-0.01
39) Acenaphthene-d10	14.584	164	180391	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	443424	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	428776	20.000	ng	-0.01
86) Perylene-d12	24.730	264	500469	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	196831	55.130	ng	0.00
7) Phenol-d6	7.116	99	338891	63.946	ng	0.00
23) Nitrobenzene-d5	9.108	82	260400	65.708	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	111527	54.464	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	666113	54.194	ng	-0.01
79) Terphenyl-d14	19.954	244	1417240	58.201	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.102	70	35566	8.800	ng	# 76
24) Nitrobenzene	9.096	77	837	2.952	ng	# 42
48) 2-Nitroaniline	13.820	65	56	2.810	ng	# 11
51) 2,6-Dinitrotoluene	14.578	165	22855	11.795	ng	# 19
53) 3-Nitroaniline	14.801	138	6530	5.044	ng	# 1
57) 2,4-Dinitrotoluene	14.578	165	22855	9.935	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.070	198	120	7.090	ng	# 1

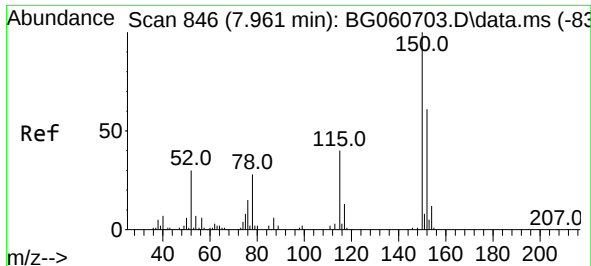
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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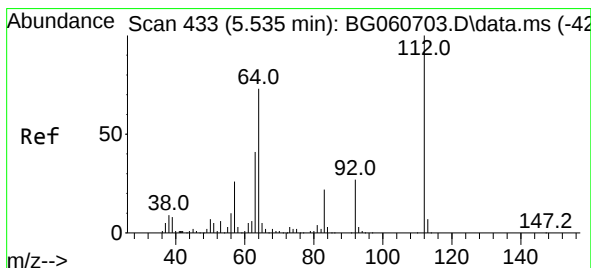
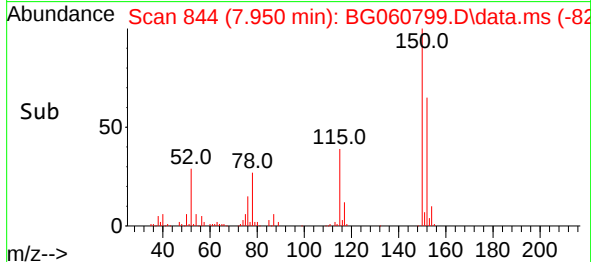
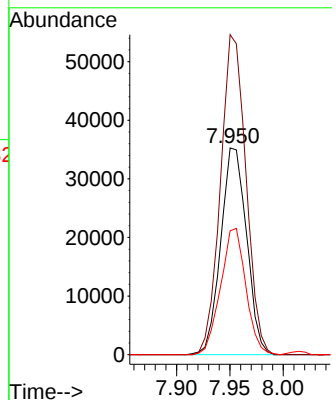
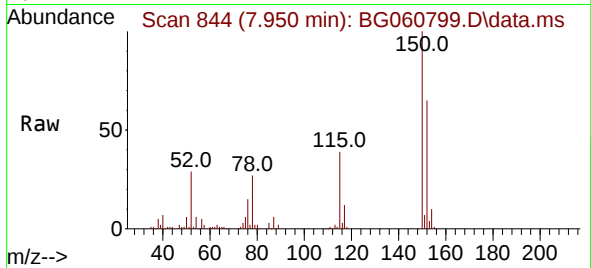




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

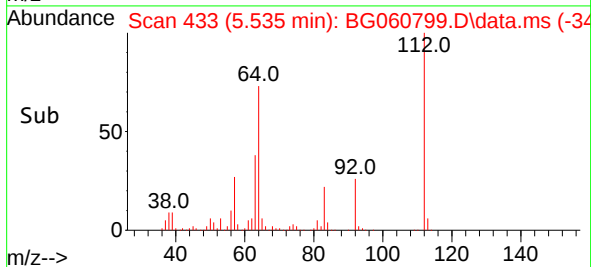
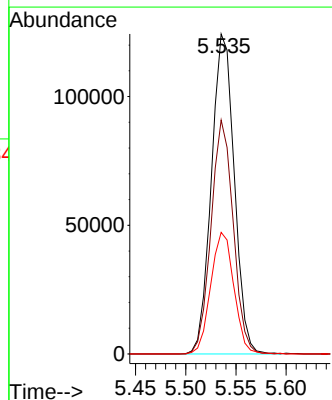
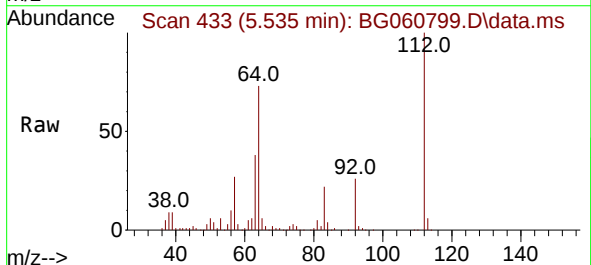
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

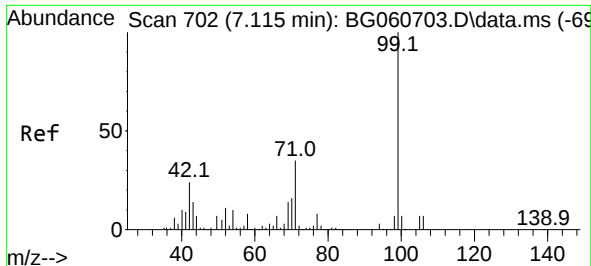
Tgt Ion:152 Resp: 59477
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.4
115 59.9 51.6 77.4



#5
2-Fluorophenol
Concen: 55.130 ng
RT: 5.535 min Scan# 433
Delta R.T. 0.000 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion:112 Resp: 196831
Ion Ratio Lower Upper
112 100
64 73.1 58.4 87.6
63 38.0 32.7 49.1

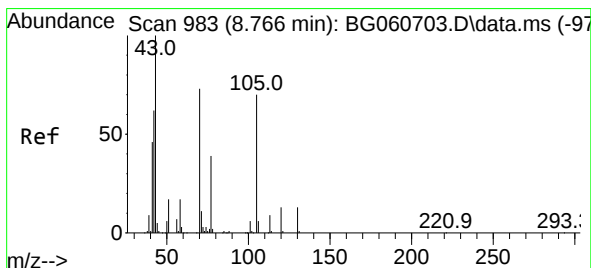
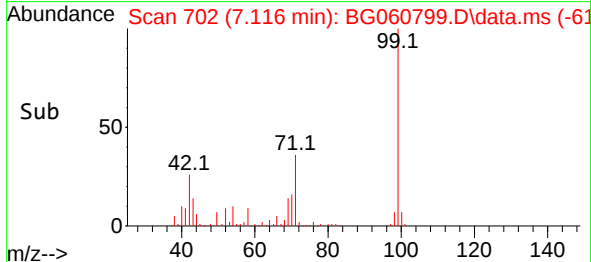
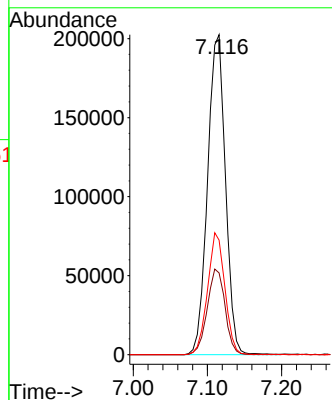
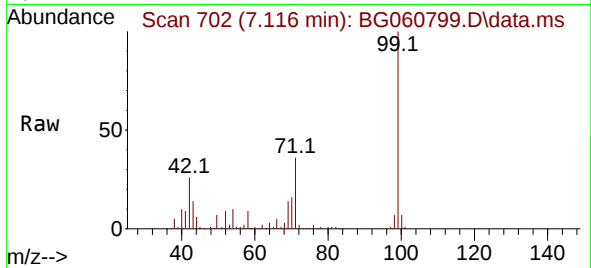




#7
Phenol-d6
Concen: 63.946 ng
RT: 7.116 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

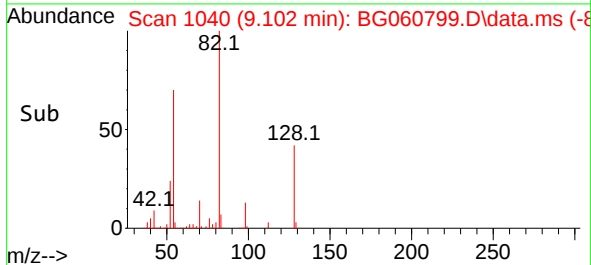
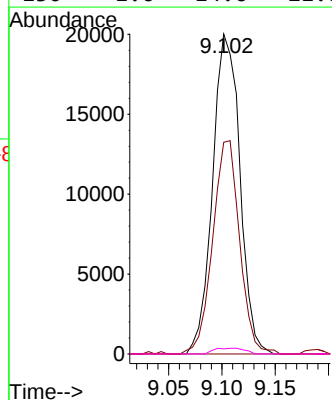
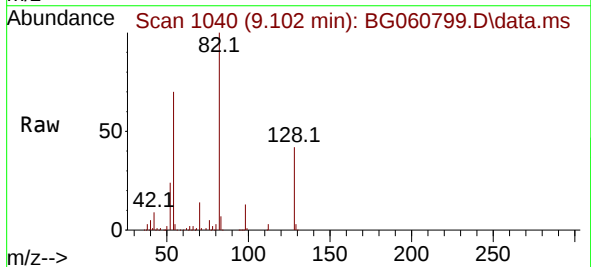
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

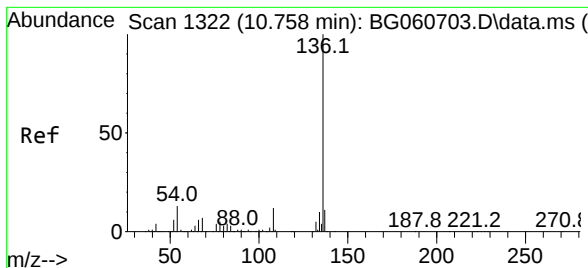
Tgt Ion: 99 Resp: 338891
Ion Ratio Lower Upper
99 100
42 25.6 19.4 29.2
71 35.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.800 ng
RT: 9.102 min Scan# 1040
Delta R.T. 0.336 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion: 70 Resp: 35566
Ion Ratio Lower Upper
70 100
42 66.2 68.4 102.6#
101 0.0 6.1 9.1#
130 1.6 14.6 21.8#

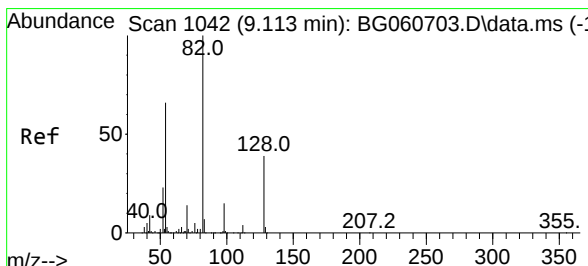
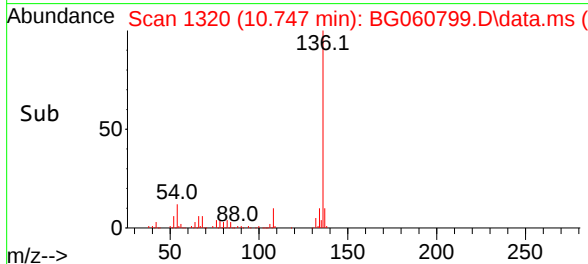
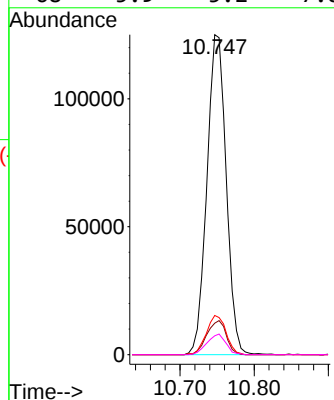
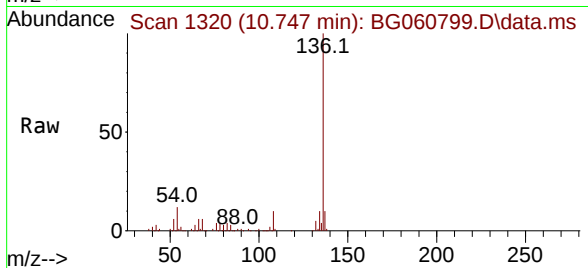




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

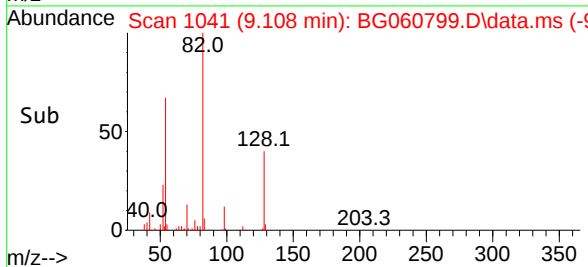
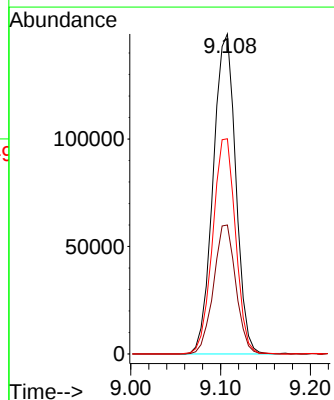
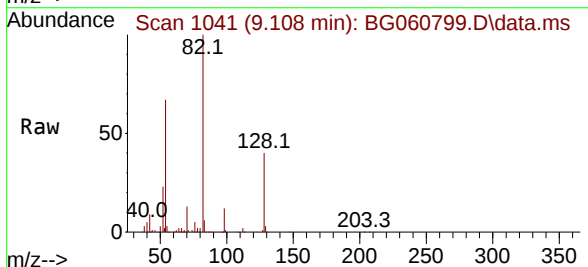
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

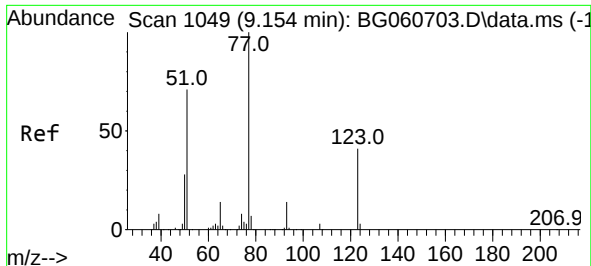
Tgt Ion:	136	Resp:	226134
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	12.3	10.2	15.2
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 65.708 ng
RT: 9.108 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion:	82	Resp:	260400
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.2	46.8
54	67.2	53.2	79.8

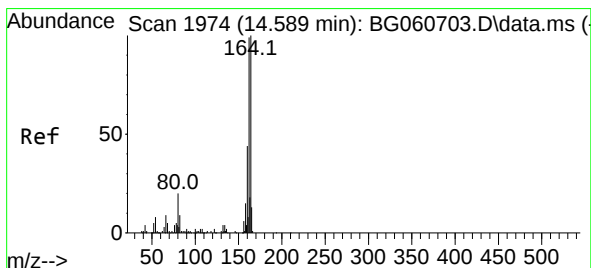
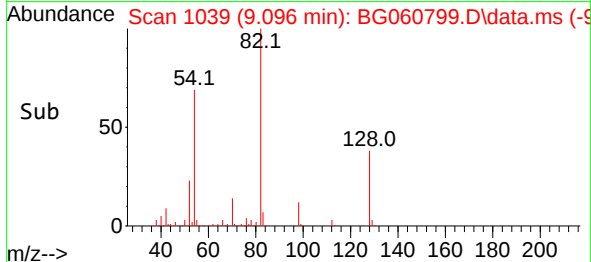
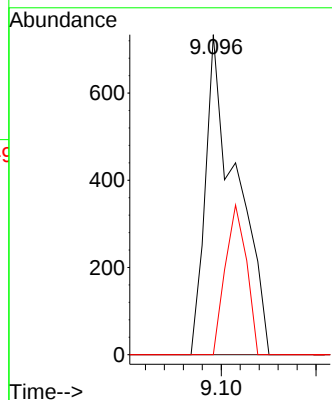
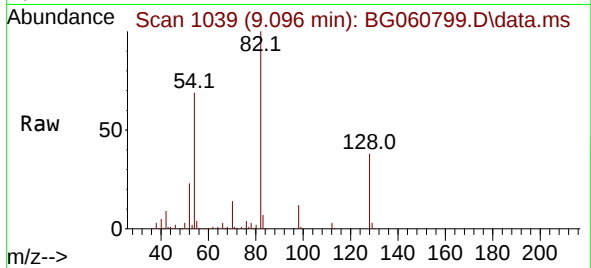




#24
Nitrobenzene
Concen: 2.952 ng
RT: 9.096 min Scan# 1039
Delta R.T. -0.058 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

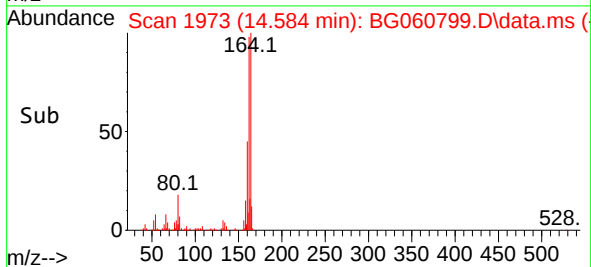
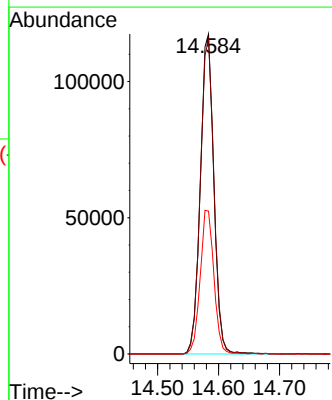
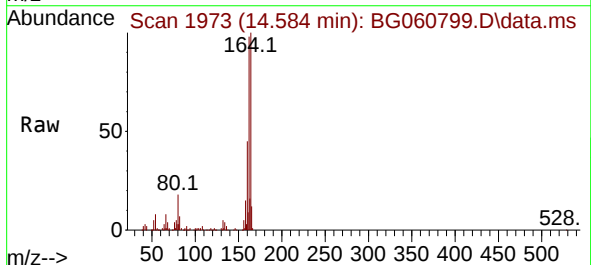
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

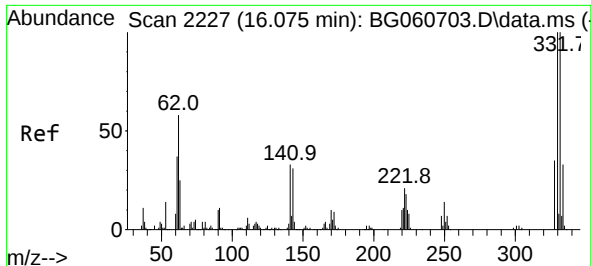
Tgt Ion: 77 Resp: 837
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.584 min Scan# 1973
Delta R.T. -0.005 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion:164 Resp: 180391
Ion Ratio Lower Upper
164 100
162 98.3 79.5 119.3
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 54.464 ng

RT: 16.070 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060799.D

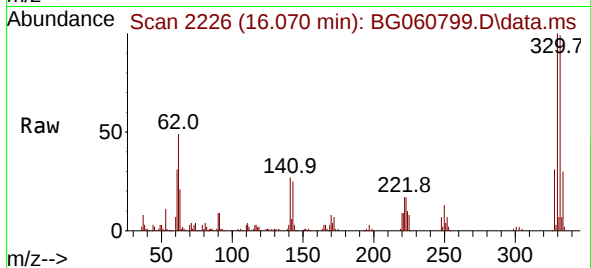
Acq: 5 Apr 2024 17:04

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-03



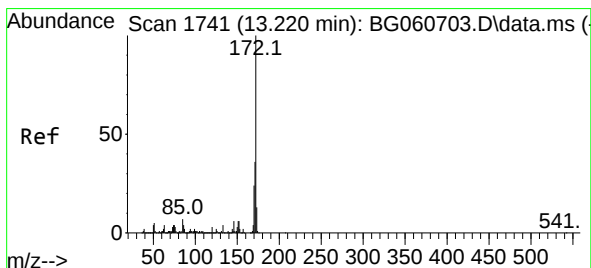
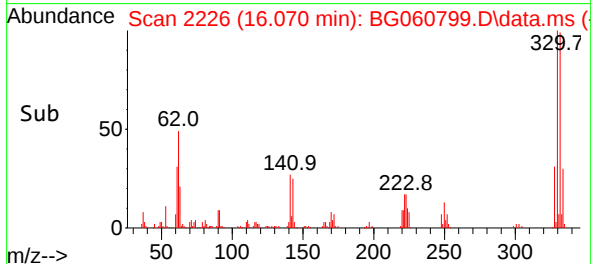
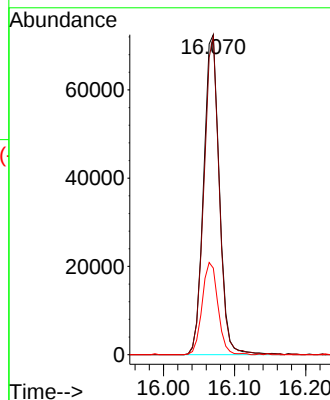
Tgt Ion:330 Resp: 111527

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.4

141 29.0 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 54.194 ng

RT: 13.209 min Scan# 1739

Delta R.T. -0.011 min

Lab File: BG060799.D

Acq: 5 Apr 2024 17:04

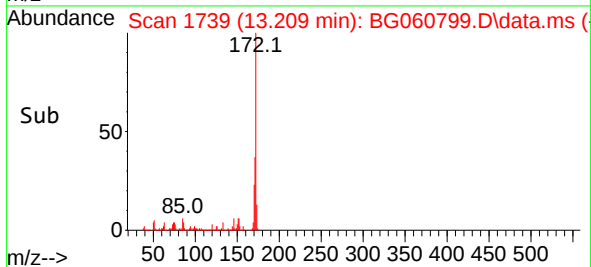
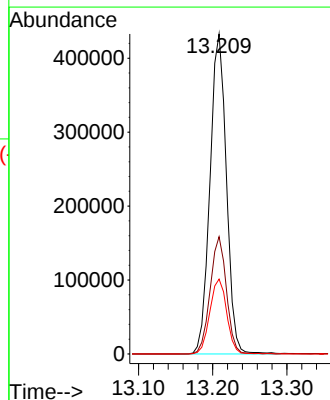
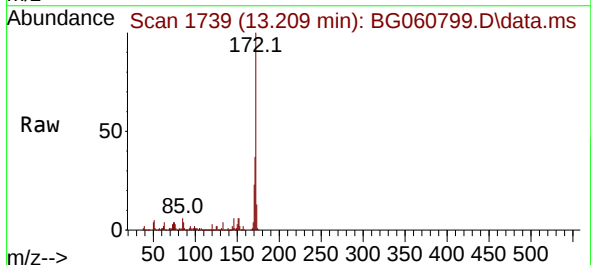
Tgt Ion:172 Resp: 666113

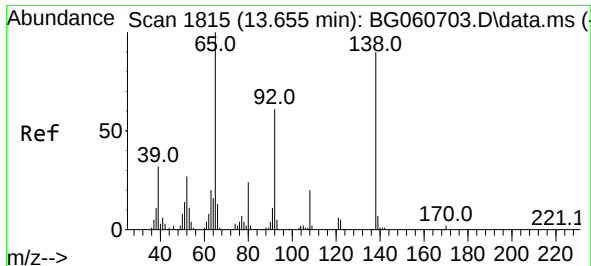
Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

170 23.4 19.4 29.0

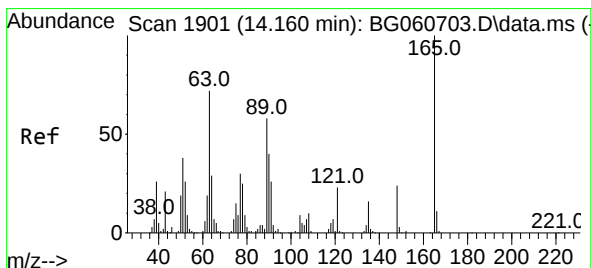
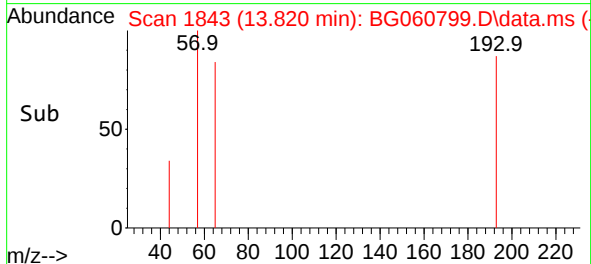
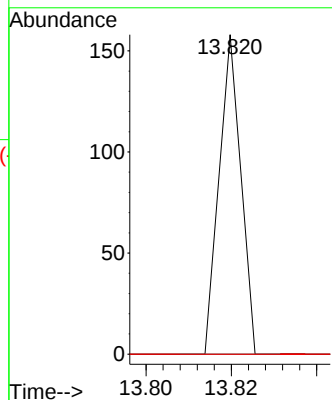
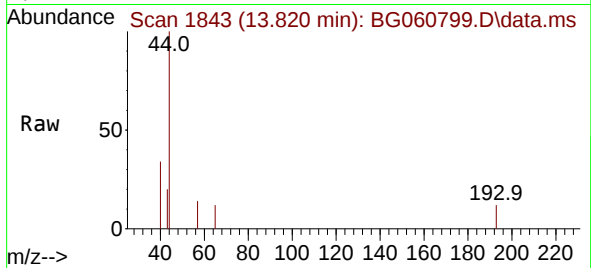




#48
2-Nitroaniline
Concen: 2.810 ng
RT: 13.820 min Scan# 11
Delta R.T. 0.165 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

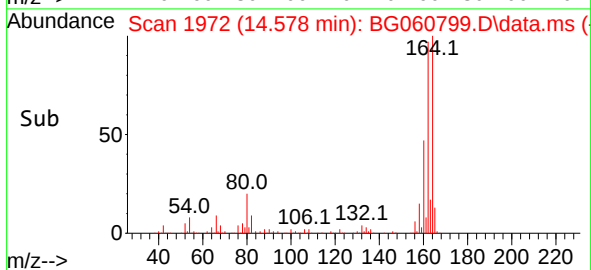
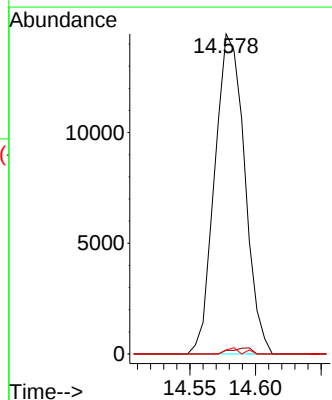
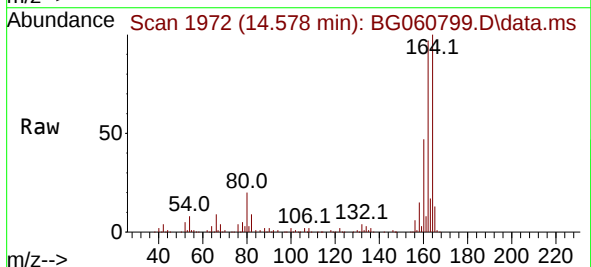
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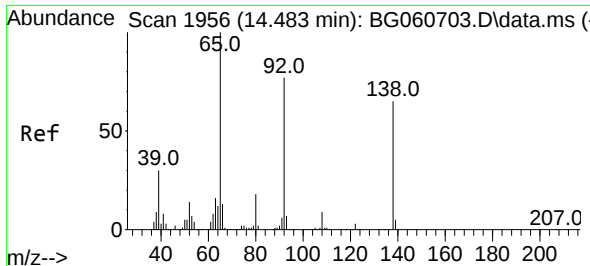
Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.795 ng
RT: 14.578 min Scan# 1972
Delta R.T. 0.418 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion:165 Resp: 22855
Ion Ratio Lower Upper
165 100
63 1.1 58.2 87.4#
89 1.3 46.1 69.1#

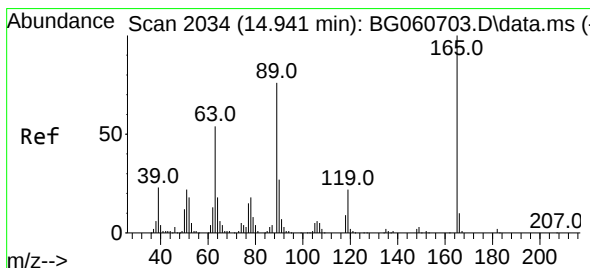
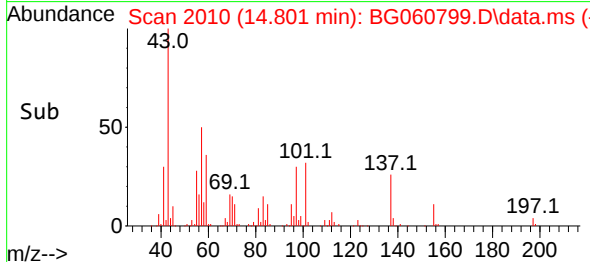
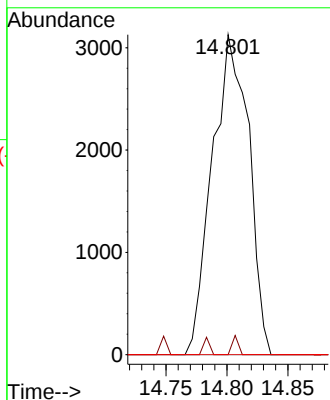
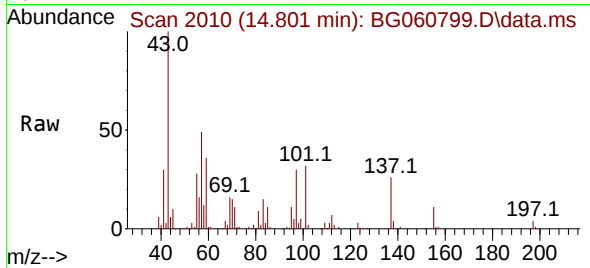




#53
3-Nitroaniline
Concen: 5.044 ng
RT: 14.801 min Scan# 20
Delta R.T. 0.318 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

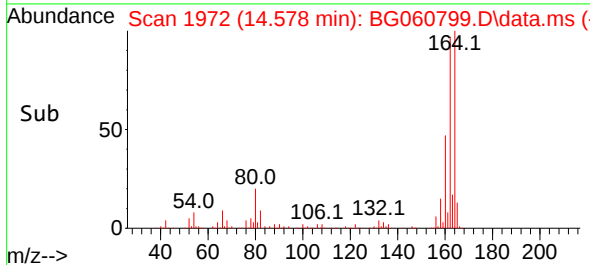
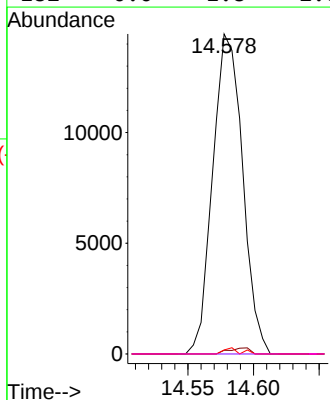
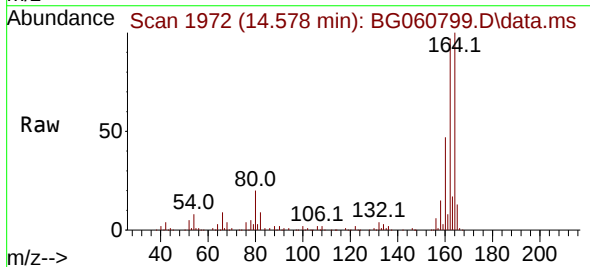
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

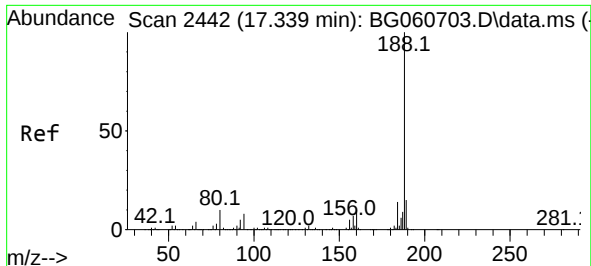
Tgt Ion:138 Resp: 6530
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 9.935 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.363 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion:165 Resp: 22855
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.3 61.0 91.6#
182 0.0 1.8 2.6#

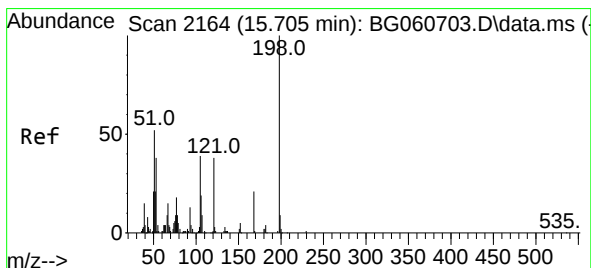
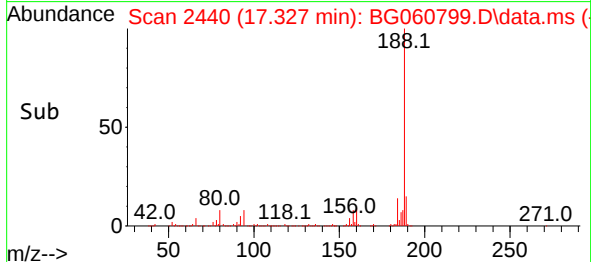
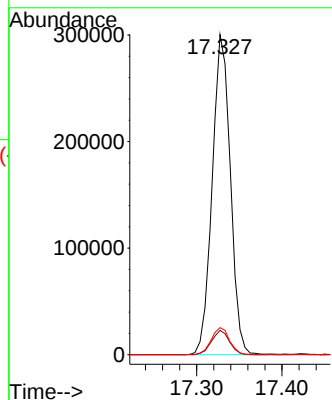
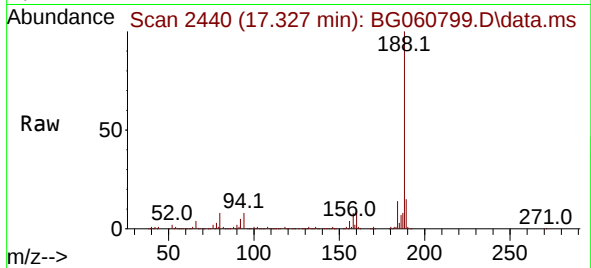




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

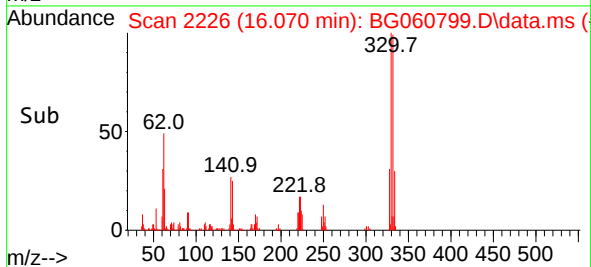
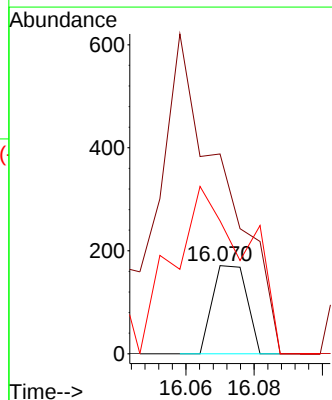
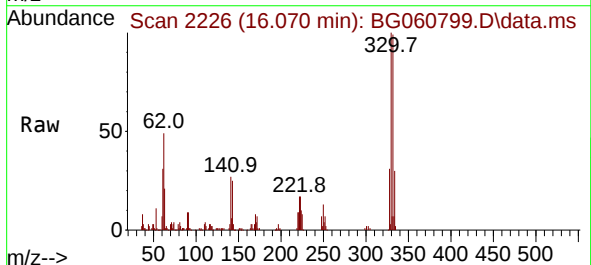
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

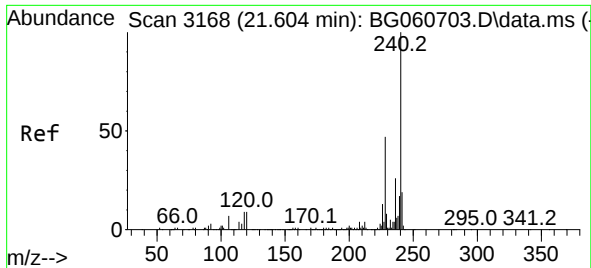
Tgt Ion:188 Resp: 443424
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.090 ng
RT: 16.070 min Scan# 2226
Delta R.T. 0.365 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

Tgt Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 226.9 36.7 76.7#
105 150.9 19.1 59.1#

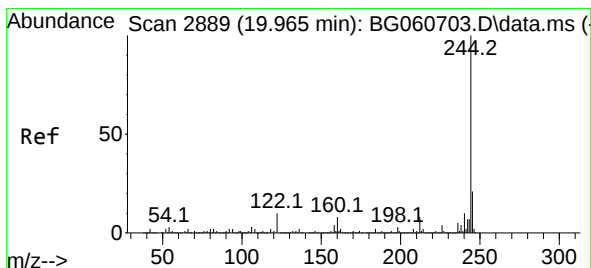
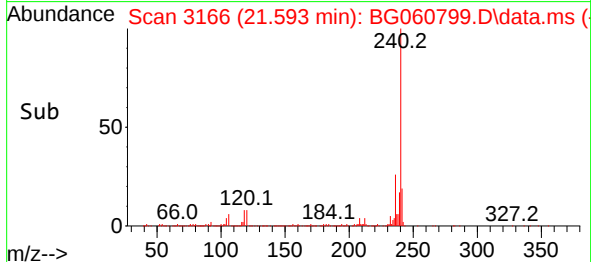
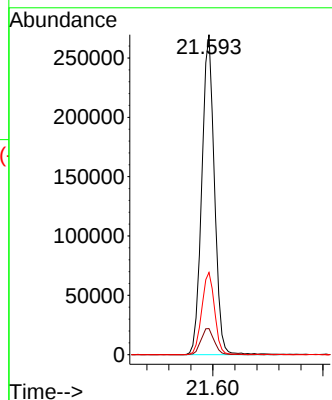
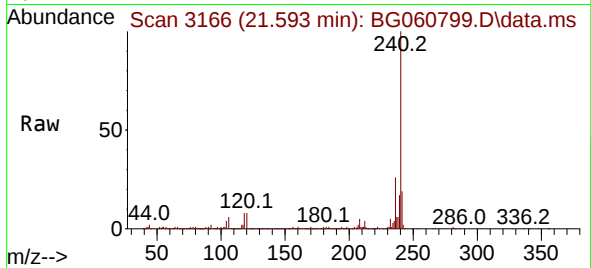




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

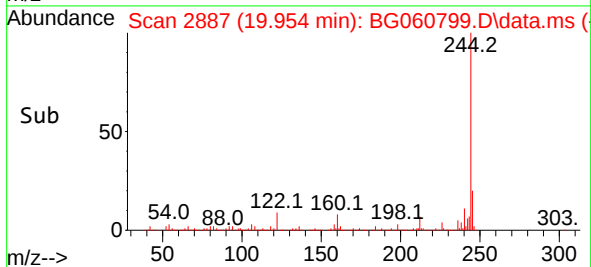
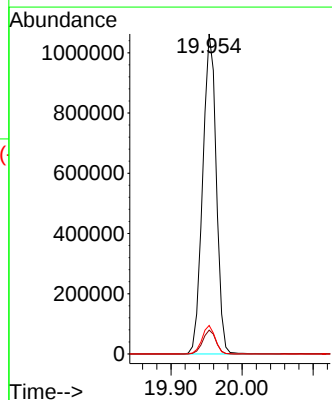
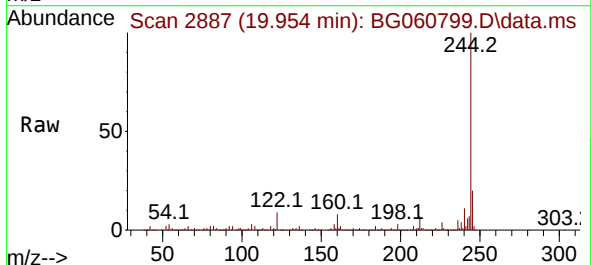
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-03

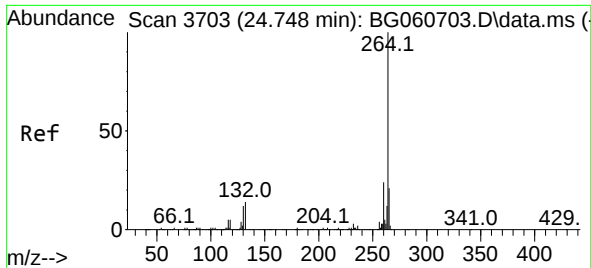
Tgt Ion:240 Resp: 428776
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 58.201 ng
RT: 19.954 min Scan# 2887
Delta R.T. -0.011 min
Lab File: BG060799.D
Acq: 5 Apr 2024 17:04

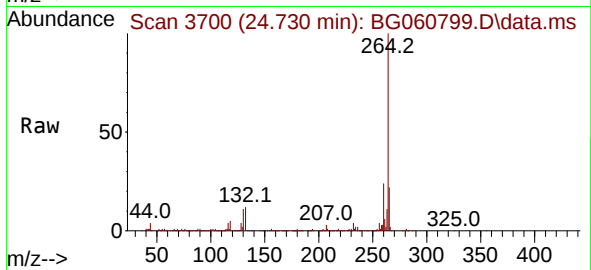
Tgt Ion:244 Resp: 1417240
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.9 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG060799.D
 Acq: 5 Apr 2024 17:04

Instrument :
 BNA_G
 ClientSampleId :
 THO-CONCRETE-03



Tgt Ion:264 Resp: 500469

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	16.9	25.3

