

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060797.D
 Acq On : 5 Apr 2024 15:42
 Operator : MA/JU
 Sample : P1999-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 THO-CONCRETE-01

Quant Time: Apr 05 16:21:53 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)

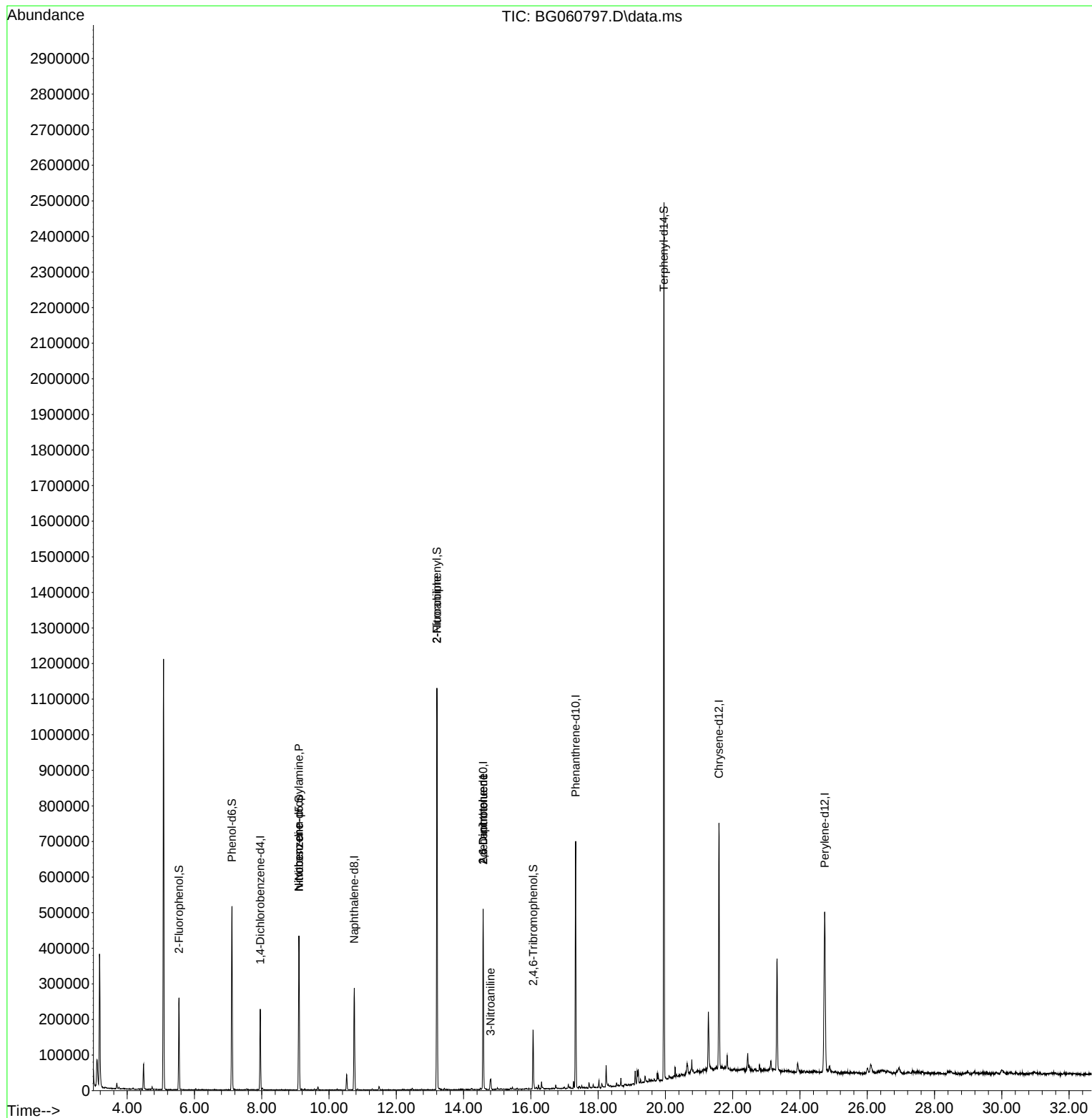
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	59694	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	225786	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	177749	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	435780	20.000	ng	0.00
76) Chrysene-d12	21.590	240	420619	20.000	ng	-0.01
86) Perylene-d12	24.733	264	494676	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	98929	27.608	ng	0.00
7) Phenol-d6	7.113	99	260964	49.063	ng	0.00
23) Nitrobenzene-d5	9.105	82	235180	59.436	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	34289	16.994	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	592566	48.927	ng	-0.01
79) Terphenyl-d14	19.957	244	1287524	53.900	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.105	70	31628	7.797	ng	# 75
24) Nitrobenzene	9.105	77	824	2.949	ng	# 35
48) 2-Nitroaniline	13.206	65	1168	3.190	ng	# 1
51) 2,6-Dinitrotoluene	14.581	165	23389	12.115	ng	# 18
53) 3-Nitroaniline	14.798	138	295	2.952	ng	# 1
57) 2,4-Dinitrotoluene	14.581	165	23389	10.191	ng	# 19

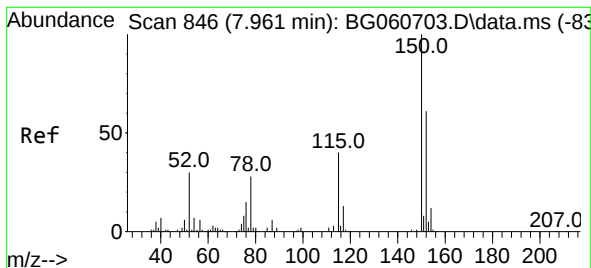
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.953 min Scan# 84

Delta R.T. -0.008 min

Lab File: BG060797.D

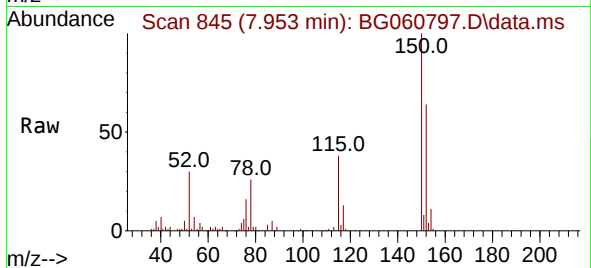
Acq: 5 Apr 2024 15:42

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-01



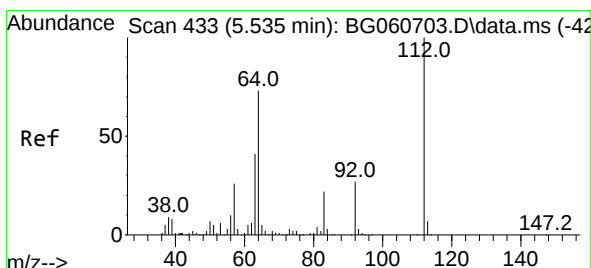
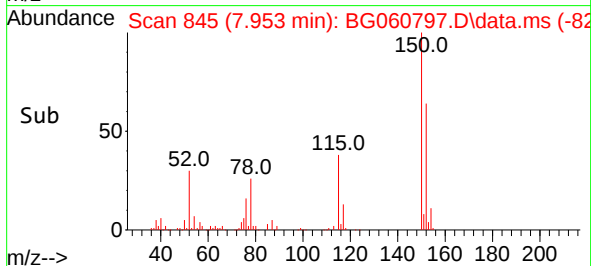
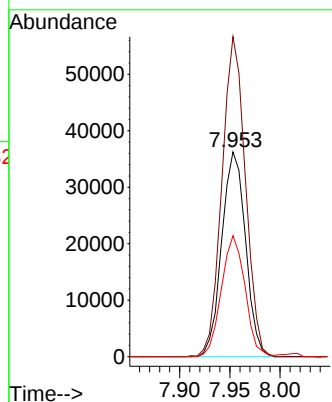
Tgt Ion:152 Resp: 59694

Ion Ratio Lower Upper

152 100

150 156.3 130.2 195.4

115 59.0 51.6 77.4



#5

2-Fluorophenol

Concen: 27.608 ng

RT: 5.538 min Scan# 434

Delta R.T. 0.003 min

Lab File: BG060797.D

Acq: 5 Apr 2024 15:42

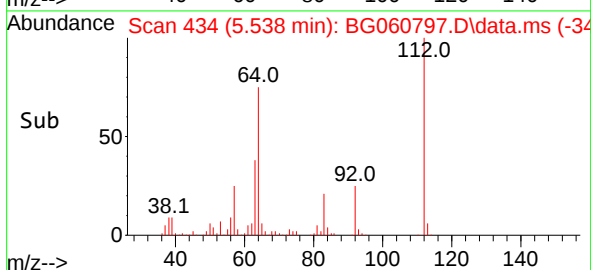
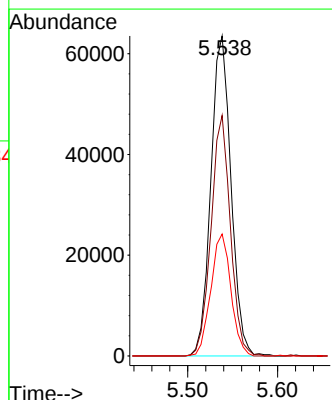
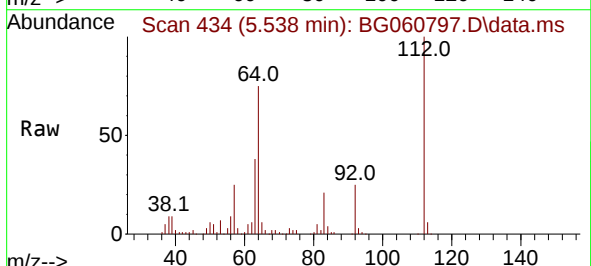
Tgt Ion:112 Resp: 98929

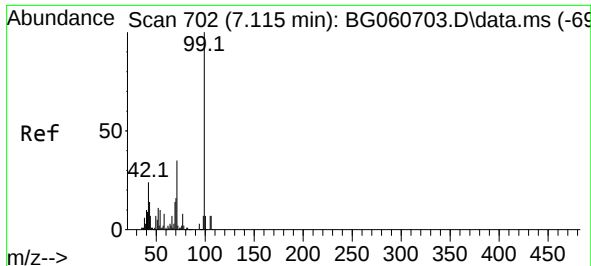
Ion Ratio Lower Upper

112 100

64 75.2 58.4 87.6

63 38.1 32.7 49.1



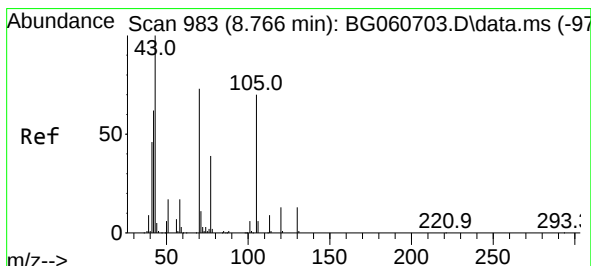
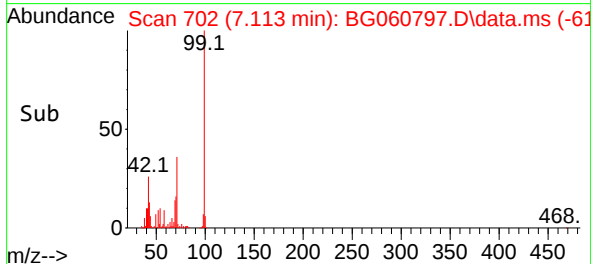
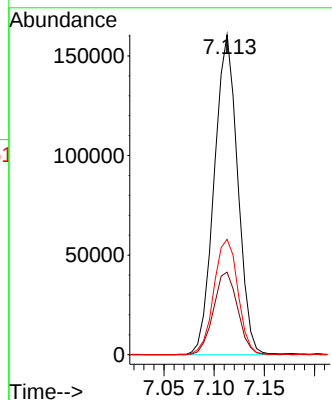
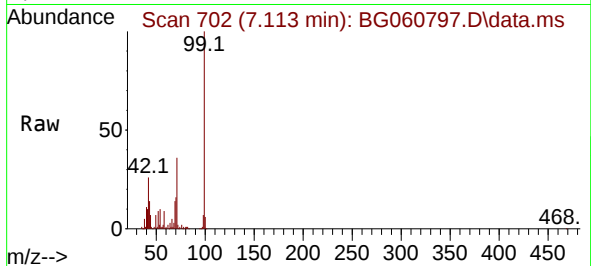


#7
Phenol-d6
Concen: 49.063 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

Tgt Ion: 99 Resp: 260964

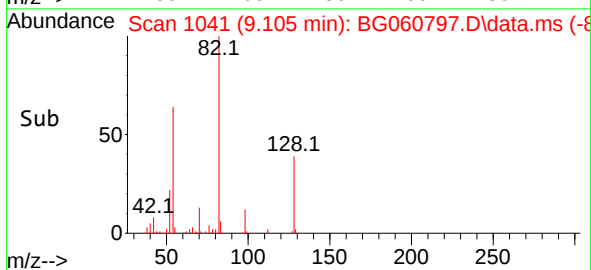
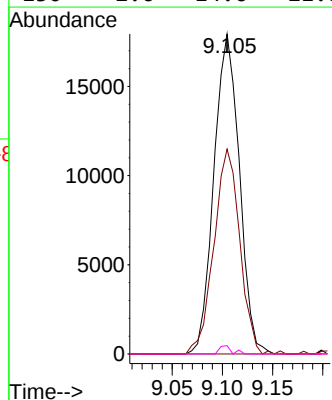
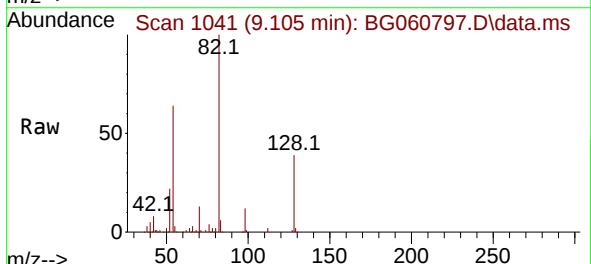
Ion	Ratio	Lower	Upper
99	100		
42	25.8	19.4	29.2
71	36.1	28.2	42.2

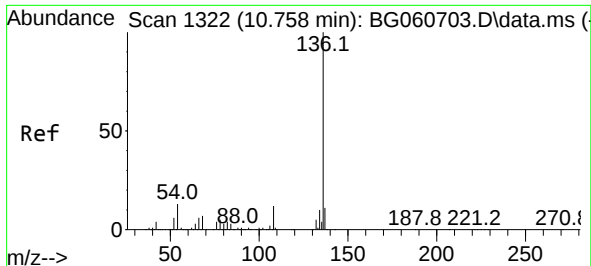


#19
n-Nitroso-di-n-propylamine
Concen: 7.797 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Tgt Ion: 70 Resp: 31628

Ion	Ratio	Lower	Upper
70	100		
42	64.0	68.4	102.6#
101	0.0	6.1	9.1#
130	2.6	14.6	21.8#

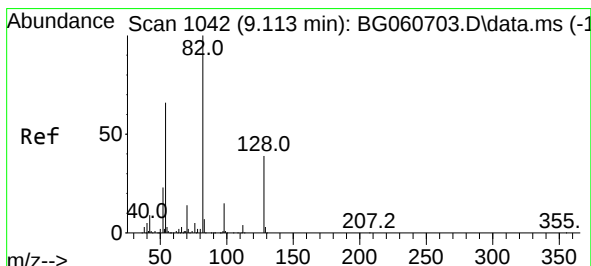
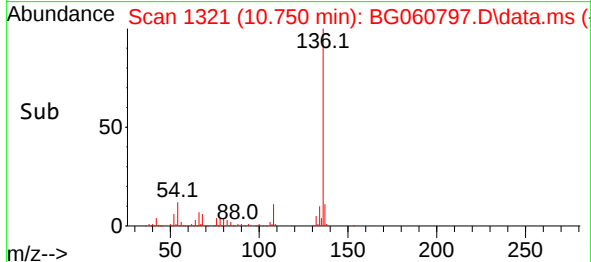
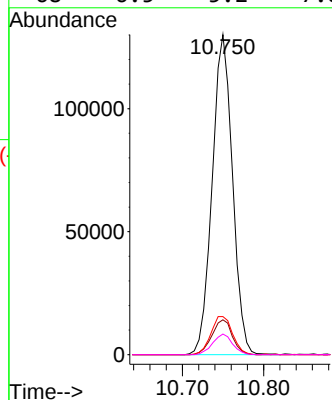
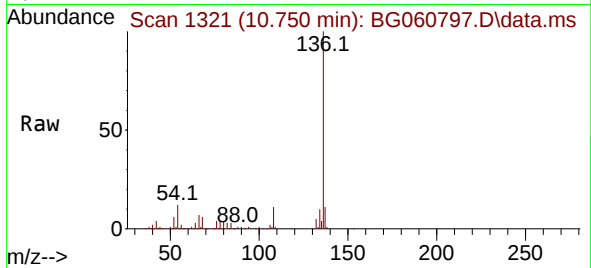




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

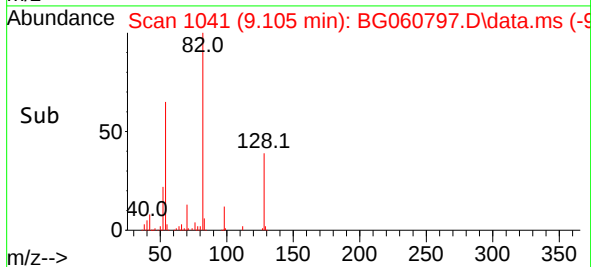
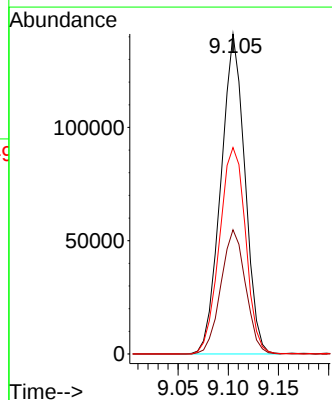
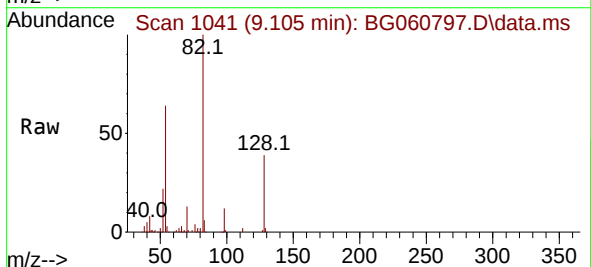
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

Tgt Ion:	136	Resp:	225786
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.9	10.2	15.2
68	6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 59.436 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

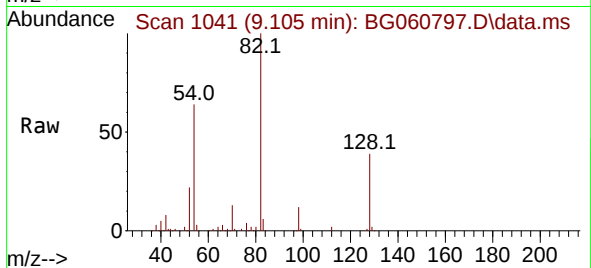
Tgt Ion:	82	Resp:	235180
Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.2	46.8
54	64.5	53.2	79.8



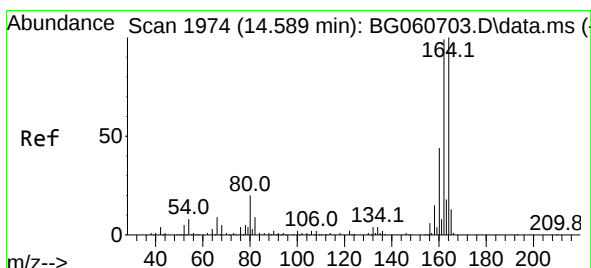
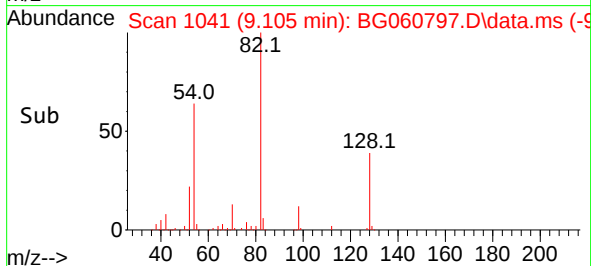
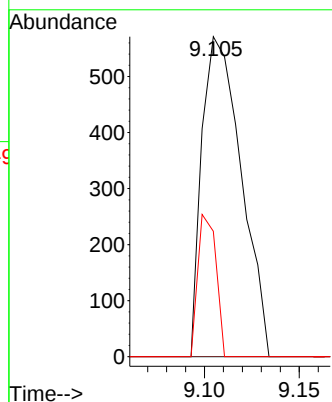


#24
Nitrobenzene
Concen: 2.949 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.049 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

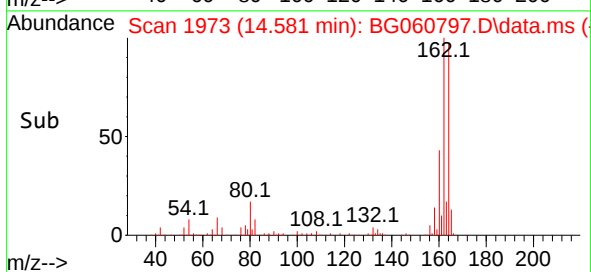
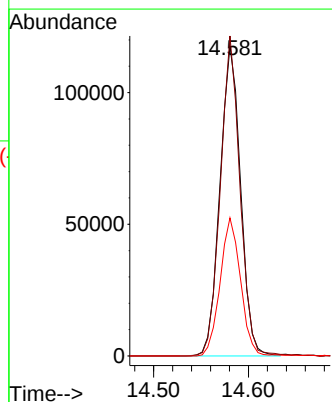
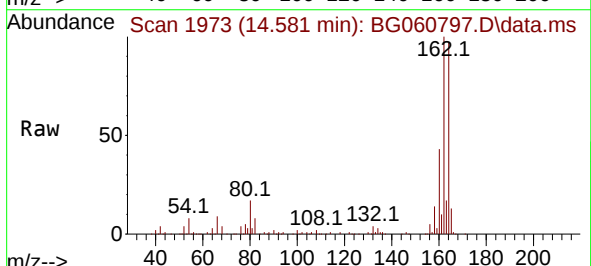


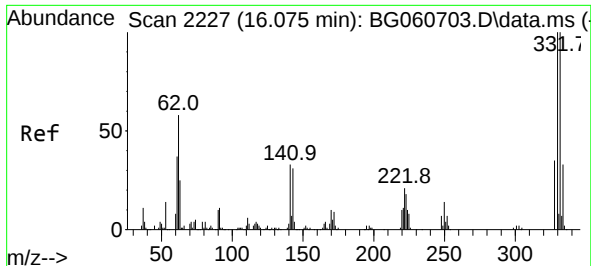
Tgt Ion: 77 Resp: 824
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 39.2 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

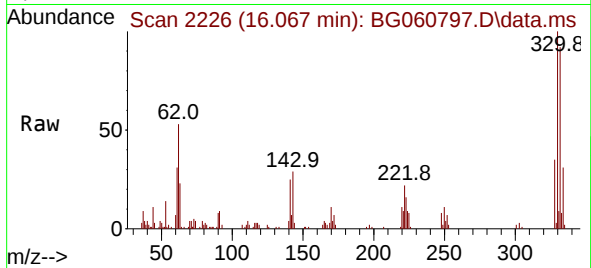
Tgt Ion:164 Resp: 177749
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 44.6 35.4 53.0



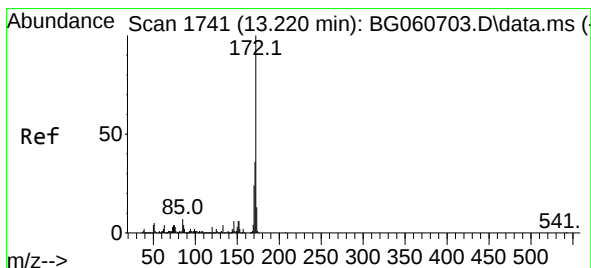
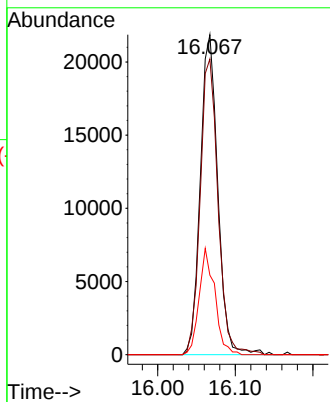
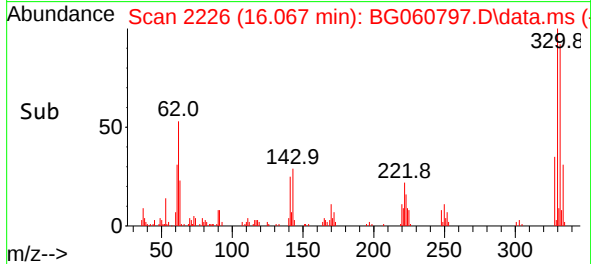


#42
2,4,6-Tribromophenol
Concen: 16.994 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

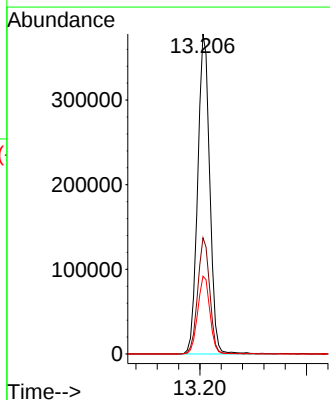
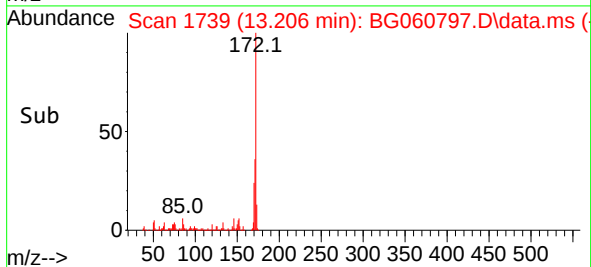
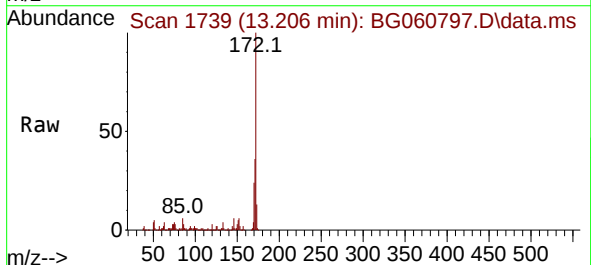


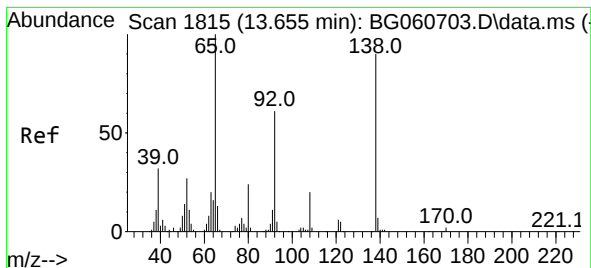
Tgt Ion:330 Resp: 34289
Ion Ratio Lower Upper
330 100
332 94.1 78.2 117.4
141 30.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 48.927 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Tgt Ion:172 Resp: 592566
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.3 19.4 29.0





#48

2-Nitroaniline

Concen: 3.190 ng

RT: 13.206 min Scan# 1

Delta R.T. -0.449 min

Lab File: BG060797.D

Acq: 5 Apr 2024 15:42

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-01

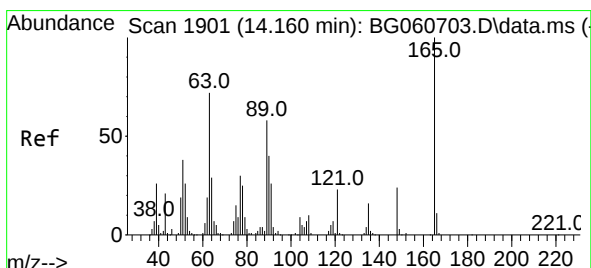
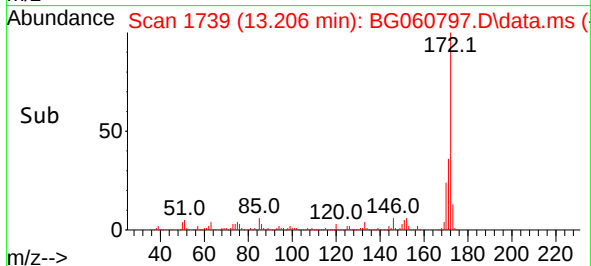
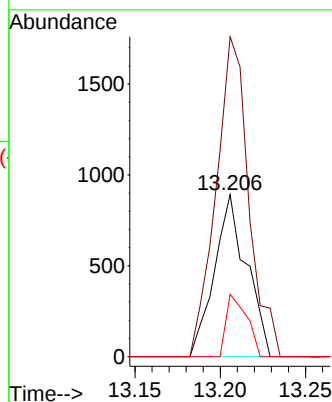
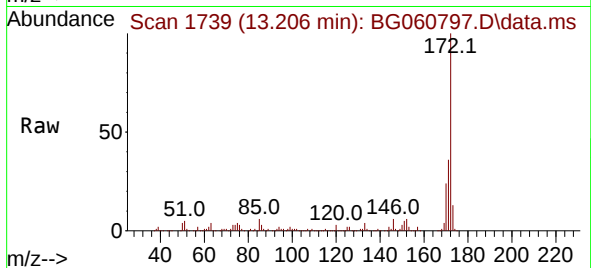
Tgt Ion: 65 Resp: 1168

Ion Ratio Lower Upper

65 100

92 197.4 48.6 72.8#

138 38.5 72.2 108.4#



#51

2,6-Dinitrotoluene

Concen: 12.115 ng

RT: 14.581 min Scan# 1973

Delta R.T. 0.421 min

Lab File: BG060797.D

Acq: 5 Apr 2024 15:42

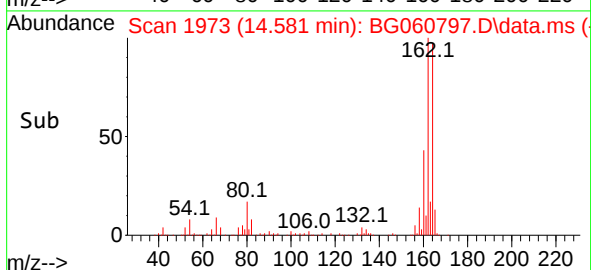
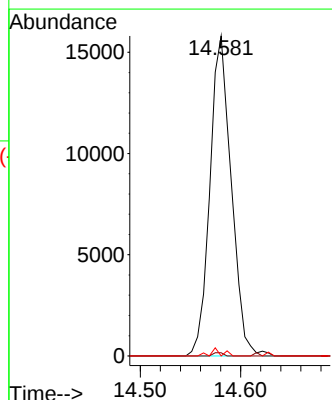
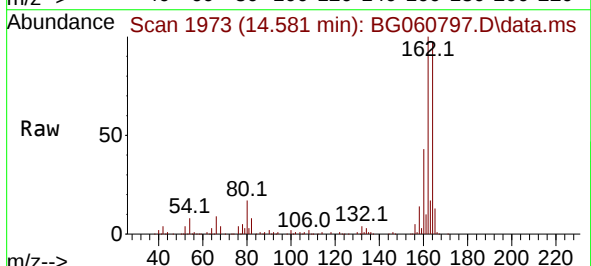
Tgt Ion:165 Resp: 23389

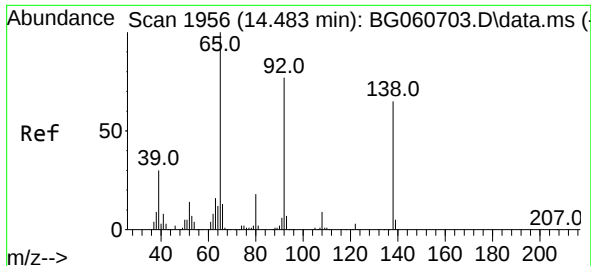
Ion Ratio Lower Upper

165 100

63 1.0 58.2 87.4#

89 0.0 46.1 69.1#

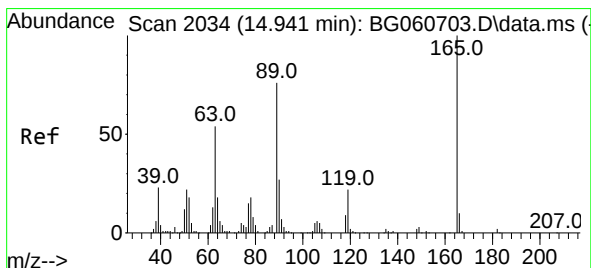
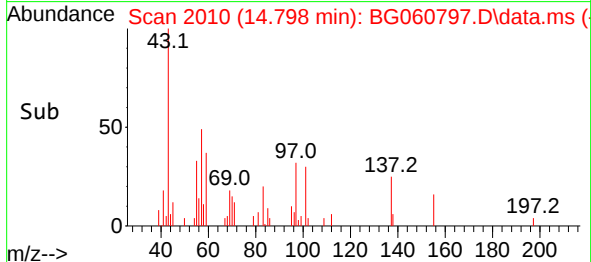
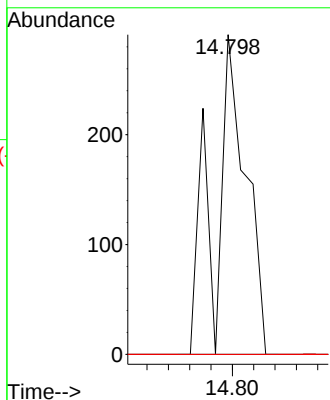
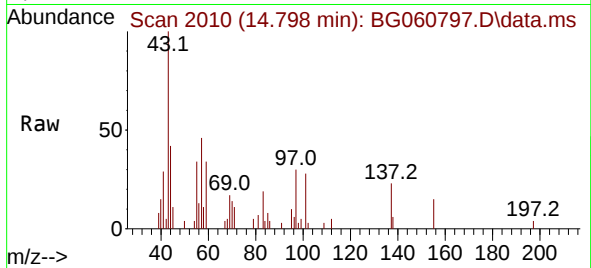




#53
3-Nitroaniline
Concen: 2.952 ng
RT: 14.798 min Scan# 20
Delta R.T. 0.315 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

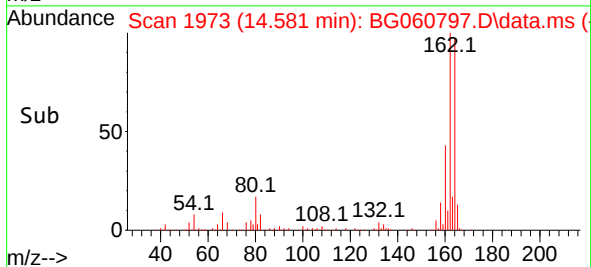
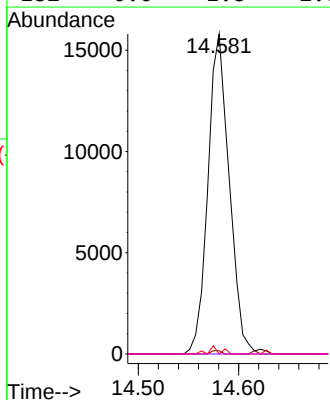
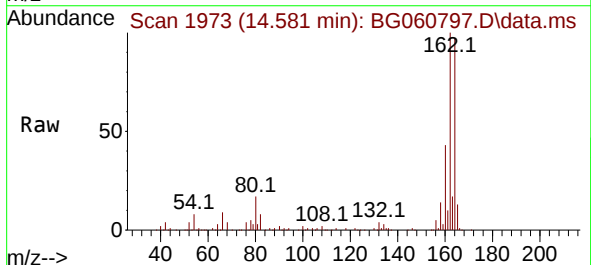
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

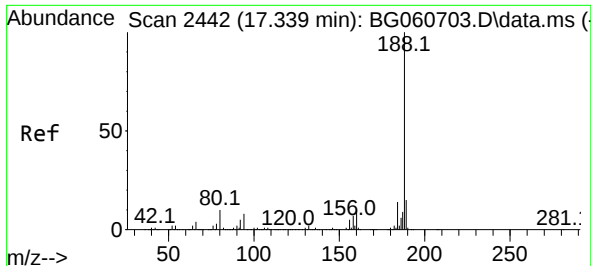
Tgt Ion:138 Resp: 295
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.191 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.360 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Tgt Ion:165 Resp: 23389
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#

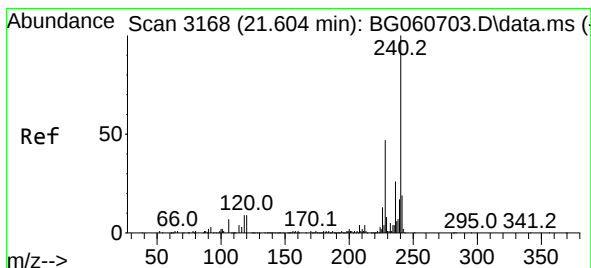
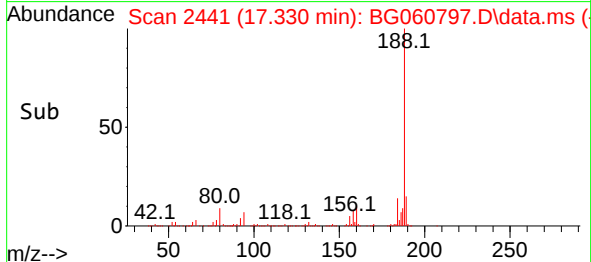
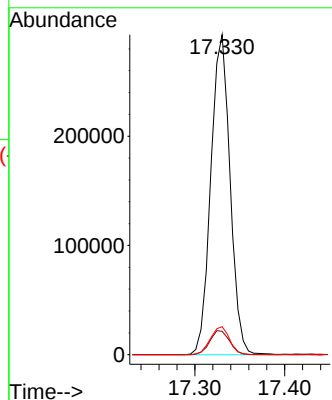
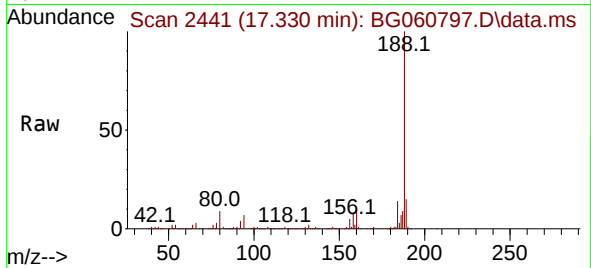




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2442
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

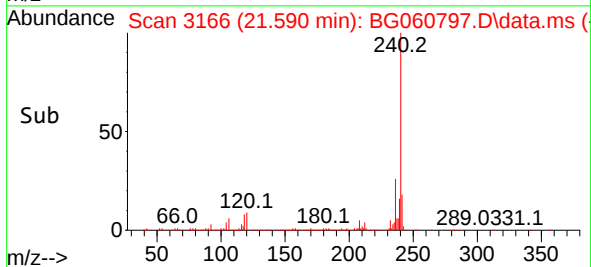
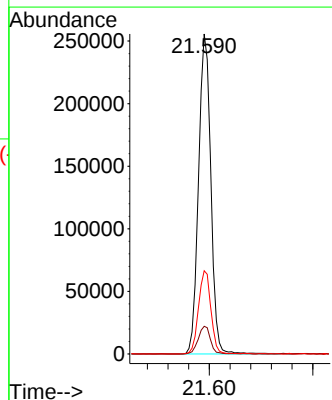
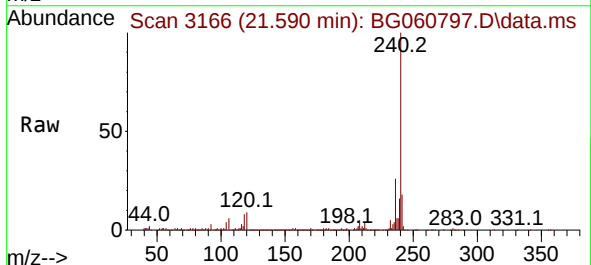
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

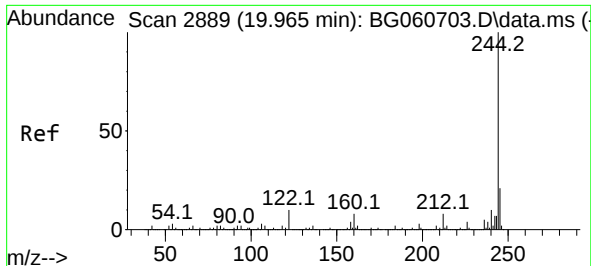
Tgt Ion:188 Resp: 435780
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

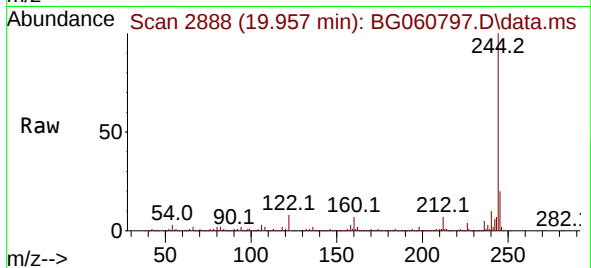
Tgt Ion:240 Resp: 420619
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 26.0 20.7 31.1



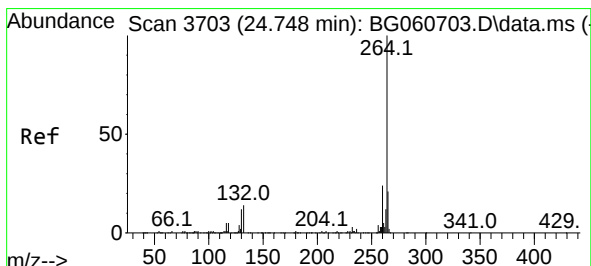
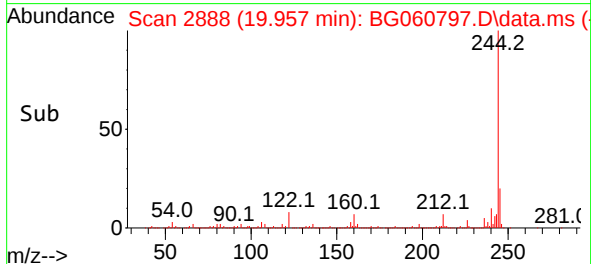
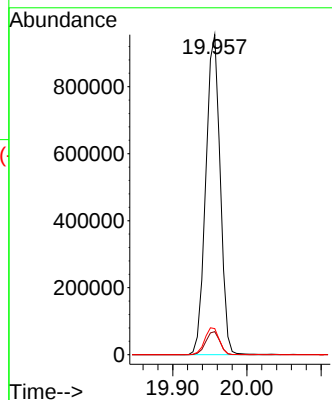


#79
Terphenyl-d14
Concen: 53.900 ng
RT: 19.957 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01



Tgt Ion:244 Resp: 1287524
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 8.1 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.733 min Scan# 3701
Delta R.T. -0.014 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Tgt Ion:264 Resp: 494676
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 20.7 16.9 25.3

