

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

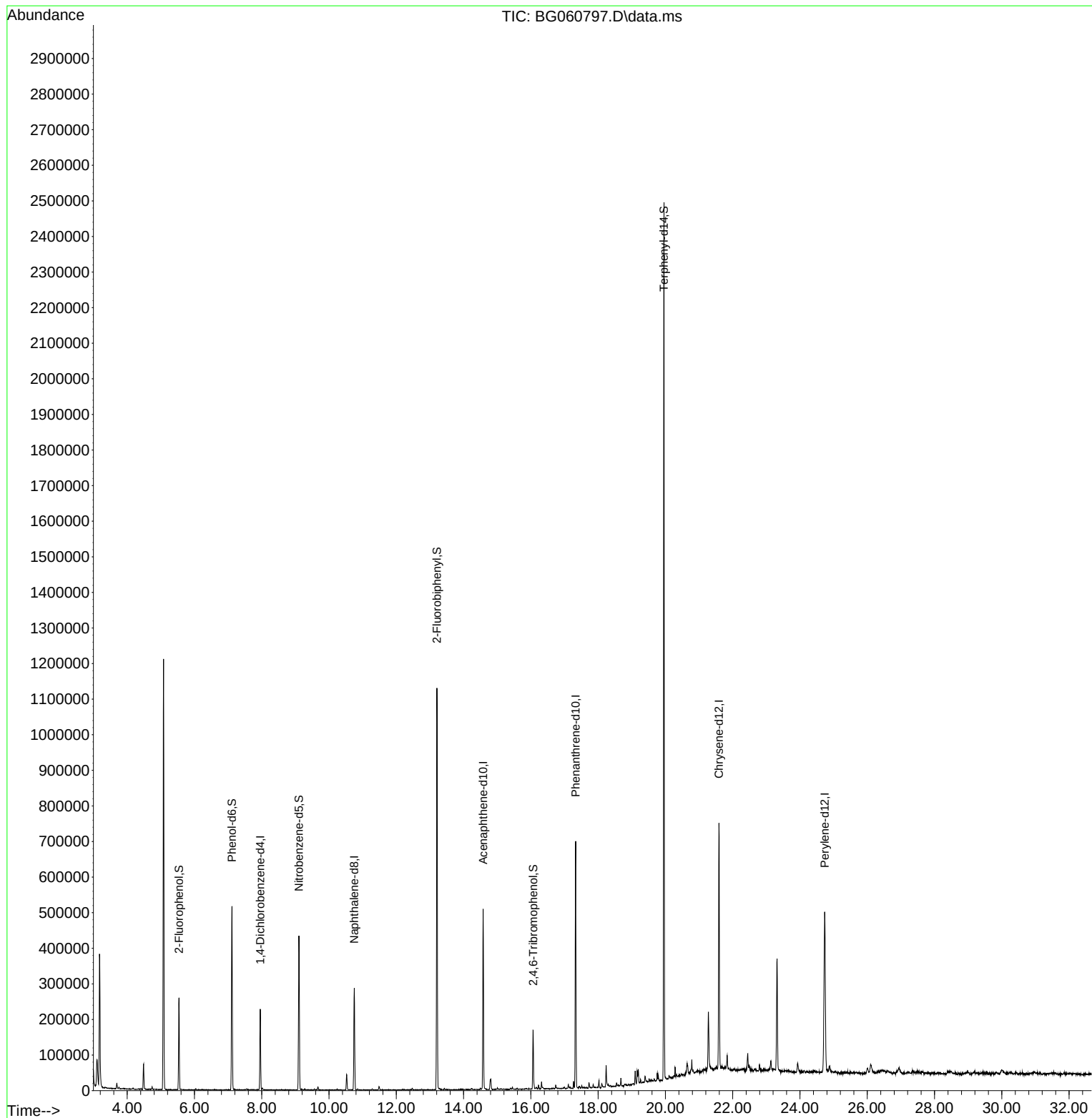
Target Compounds	Qvalue

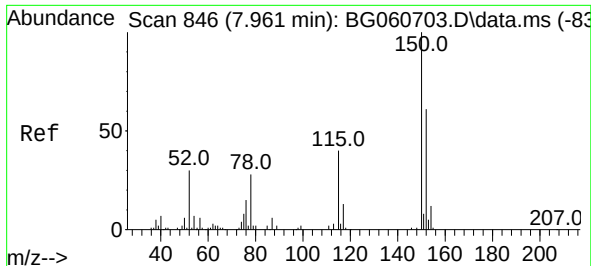
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

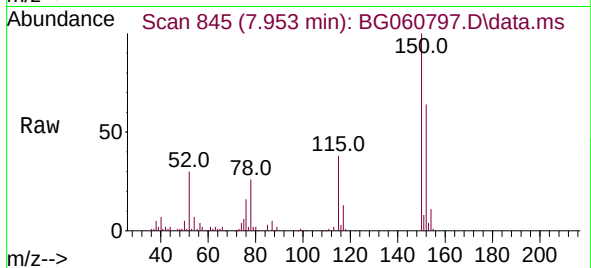
Quant Time: Apr 05 16:21:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



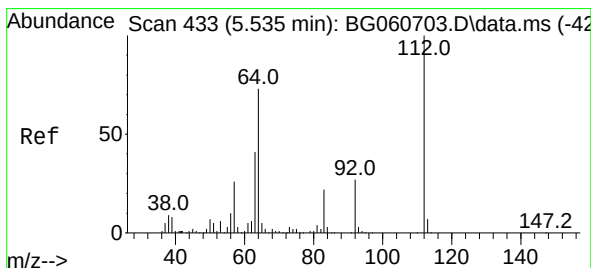
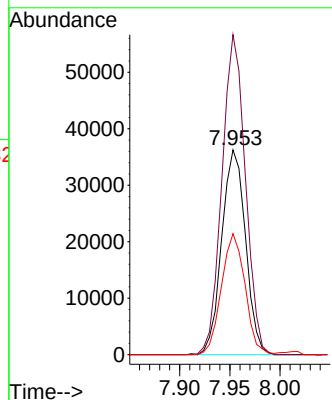
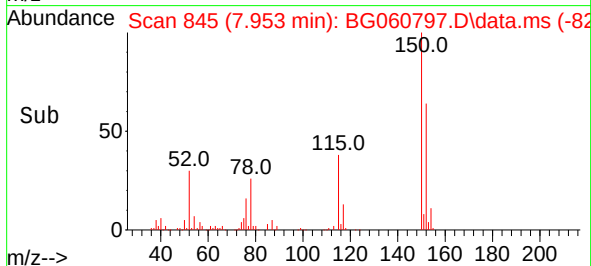


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

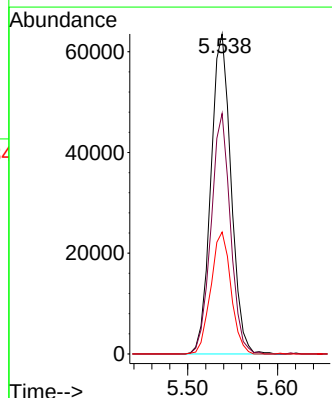
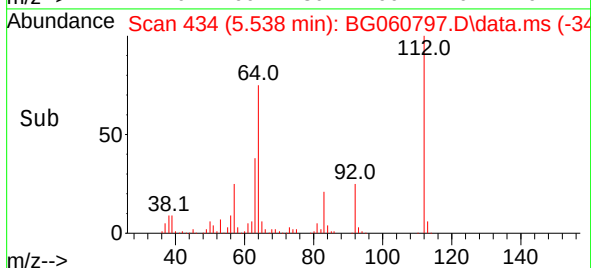
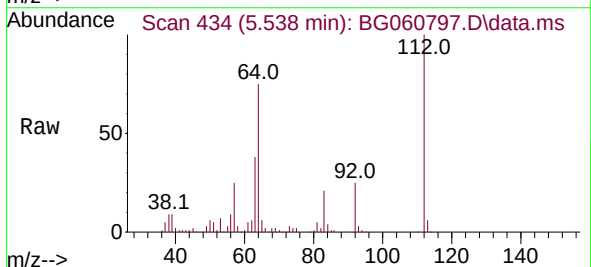


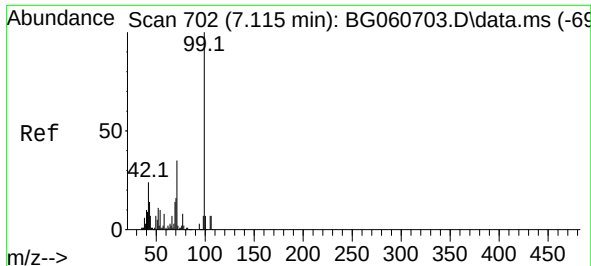
Tgt Ion:152 Resp: 59694
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.4
115 59.0 51.6 77.4



#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

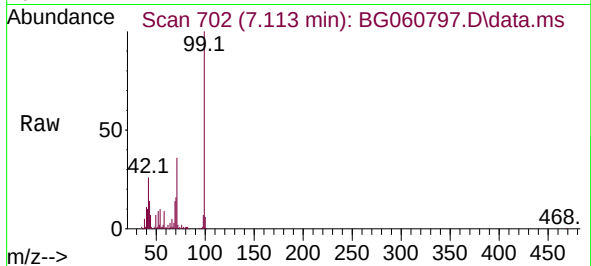
Acq: 5 Apr 2024 15:42

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-01



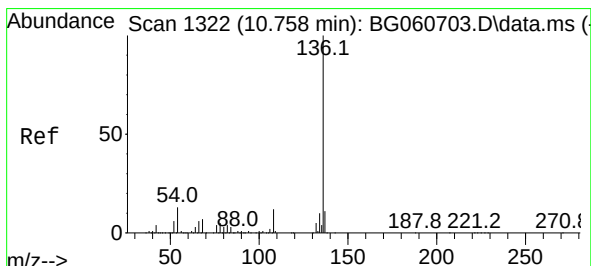
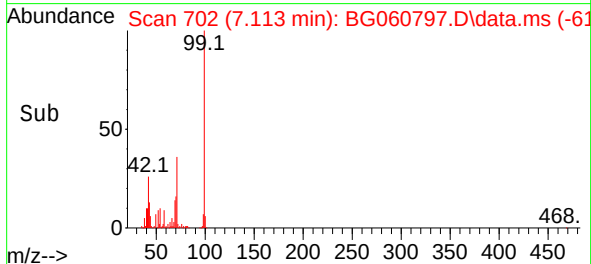
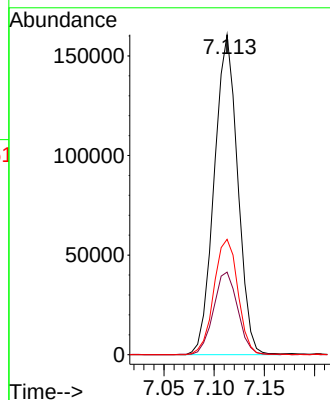
Tgt Ion: 99 Resp: 260964

Ion Ratio Lower Upper

99 100

42 25.8 19.4 29.2

71 36.1 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.750 min Scan# 1321

Delta R.T. -0.008 min

Lab File: BG060797.D

Acq: 5 Apr 2024 15:42

Tgt Ion:136 Resp: 225786

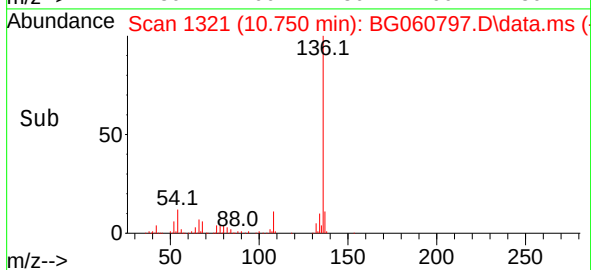
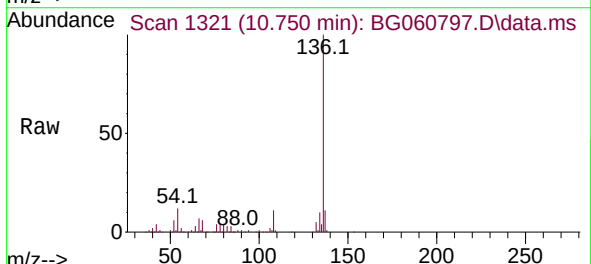
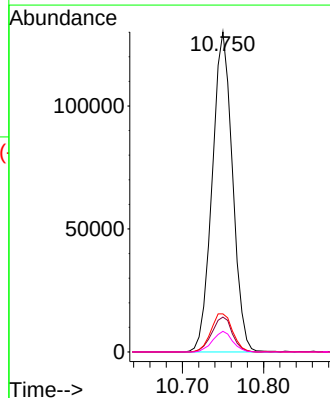
Ion Ratio Lower Upper

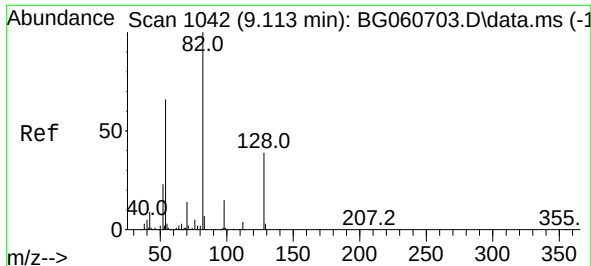
136 100

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# 1

Delta R.T. -0.008 min

Lab File: BG060797.D

Acq: 5 Apr 2024 15:42

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-01

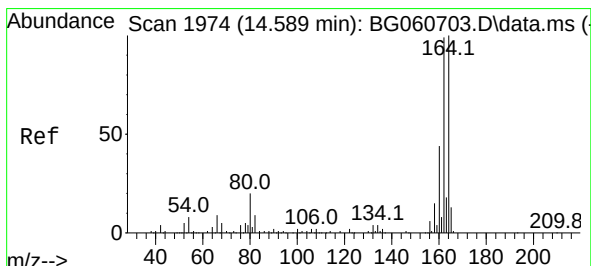
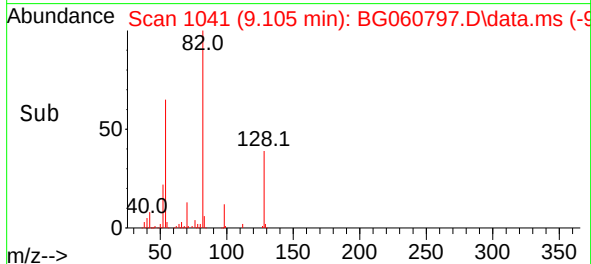
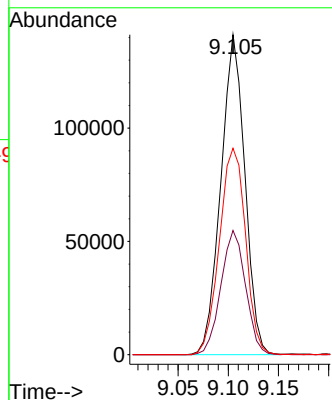
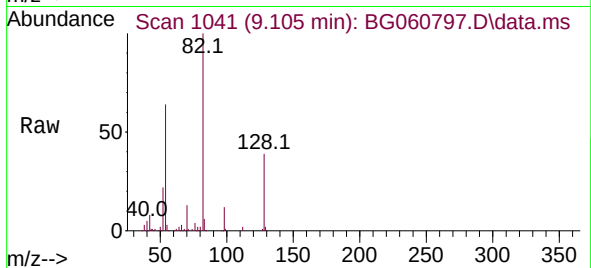
Tgt Ion: 82 Resp: 235180

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

54 64.5 53.2 79.8



#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

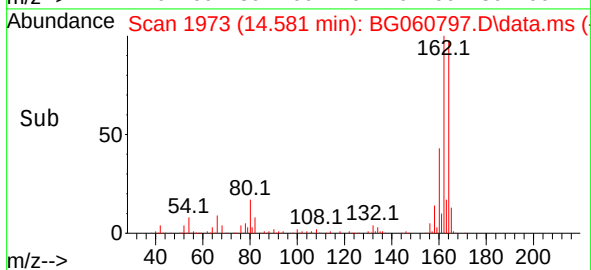
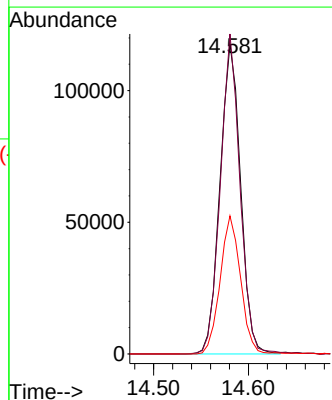
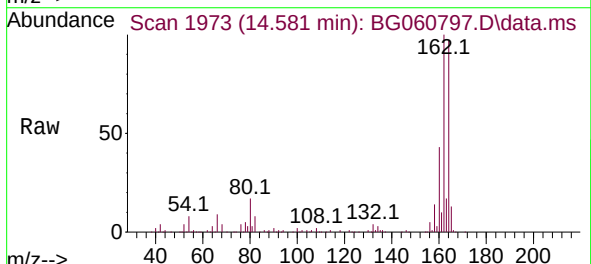
Tgt Ion:164 Resp: 177749

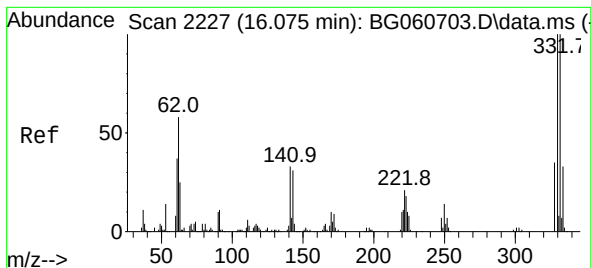
Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

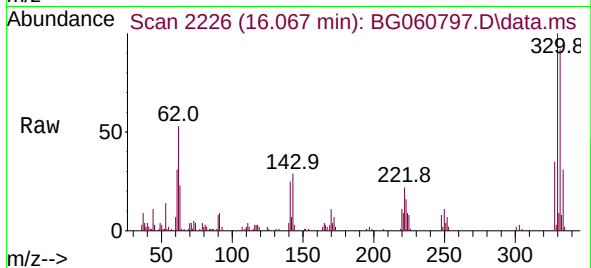
160 44.6 35.4 53.0



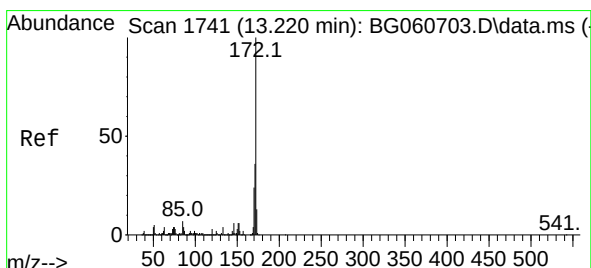
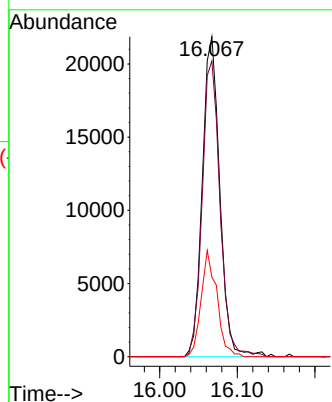
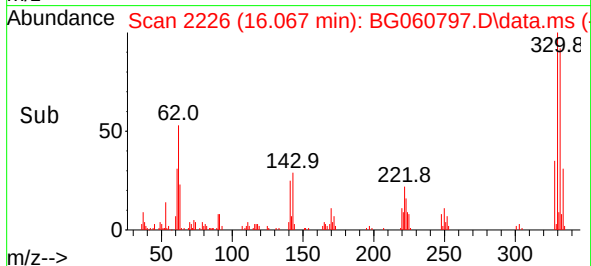


#42
2,4,6-Tribromophenol
Concen: 16.994 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

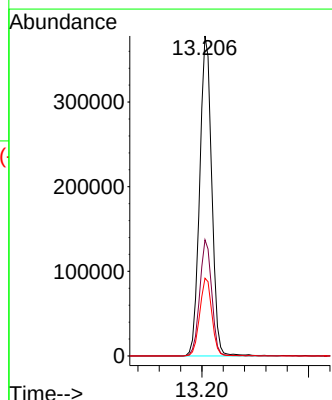
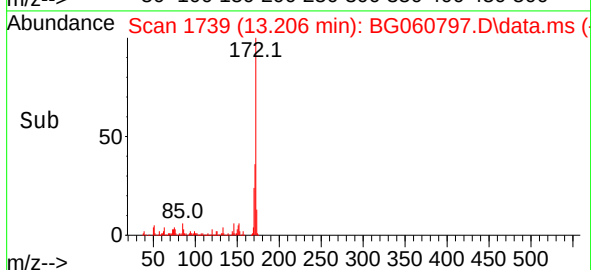
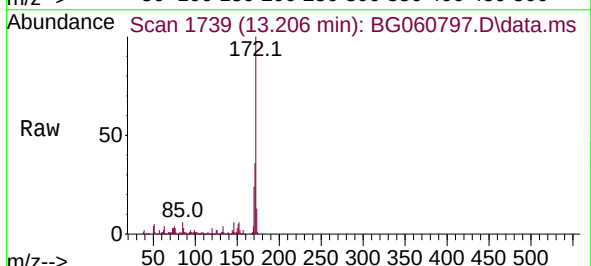


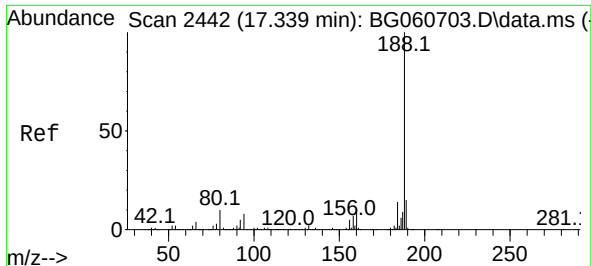
Tgt Ion:330 Resp: 34289
Ion Ratio Lower Upper
330 100
332 94.1 78.2 117.4
141 30.0 27.0 40.6



#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

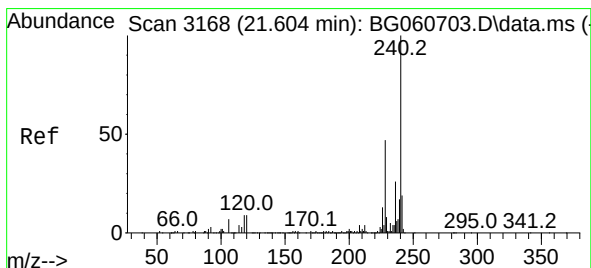
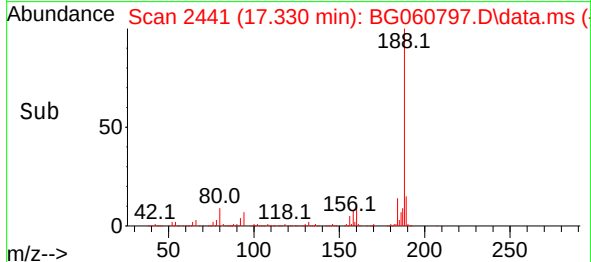
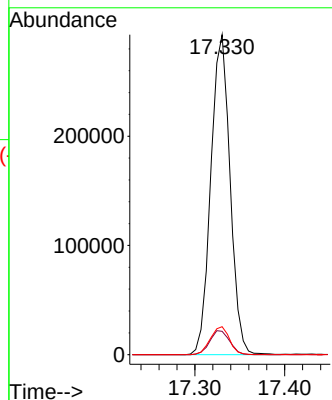
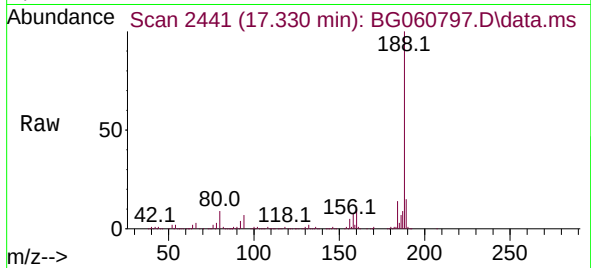




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BG060797.D
Acq: 5 Apr 2024 15:42

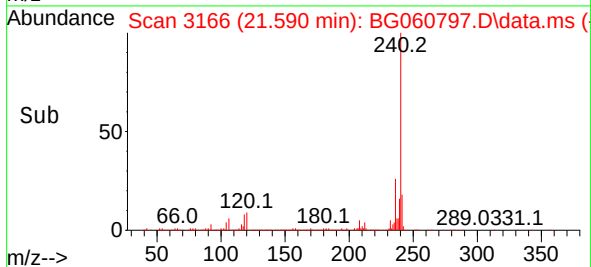
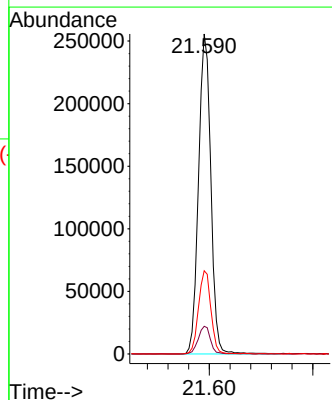
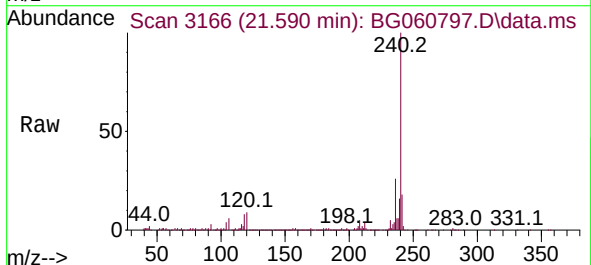
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-01

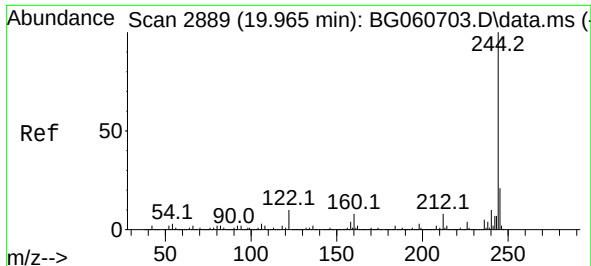
Tgt Ion:188 Resp: 435780
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.8 7.6 11.4



#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# 21

Delta R.T. -0.008 min

Lab File: BG060797.D

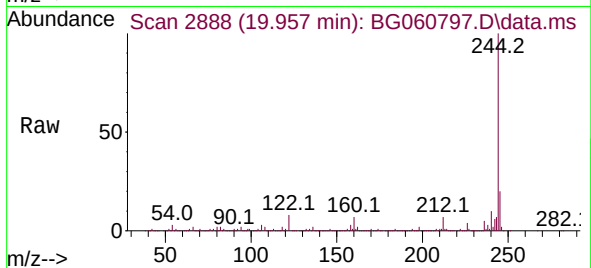
Acq: 5 Apr 2024 15:42

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-01



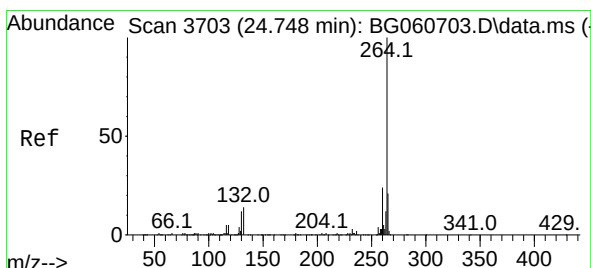
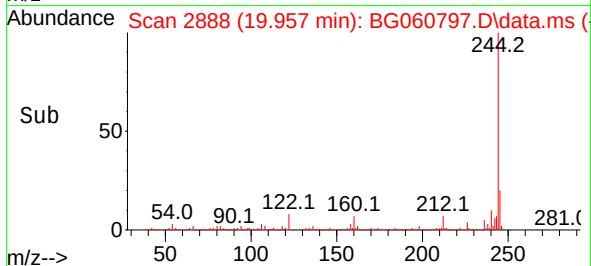
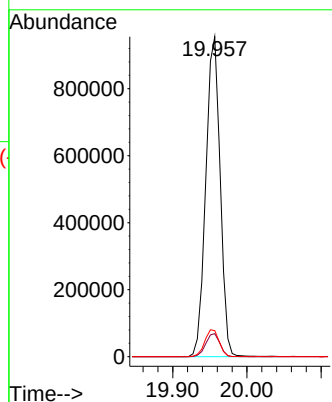
Tgt Ion:244 Resp: 1287524

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

