

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060798.D
 Acq On : 5 Apr 2024 16:23
 Operator : MA/JU
 Sample : P1999-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 THO-CONCRETE-02

Quant Time: Apr 05 16:59:06 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	62234	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	237046	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	182153	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	447341	20.000	ng	0.00
76) Chrysene-d12	21.590	240	422711	20.000	ng	-0.01
86) Perylene-d12	24.733	264	498702	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	231406	61.943	ng	0.00
7) Phenol-d6	7.113	99	397112	71.612	ng	0.00
23) Nitrobenzene-d5	9.104	82	283873	68.334	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	127224	61.528	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	709196	57.141	ng	-0.01
79) Terphenyl-d14	19.956	244	1464934	61.023	ng	0.00

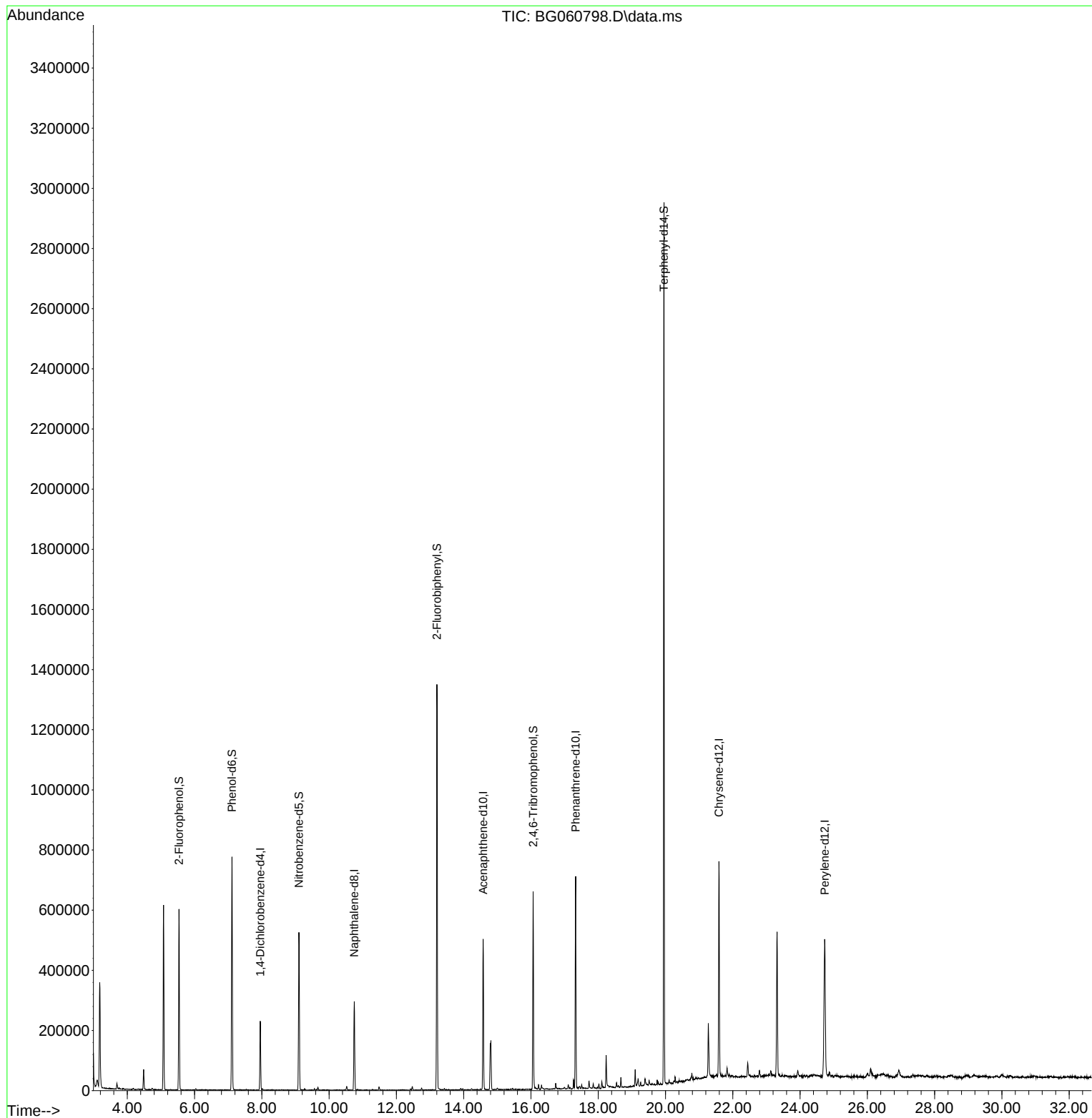
Target Compounds Qvalue

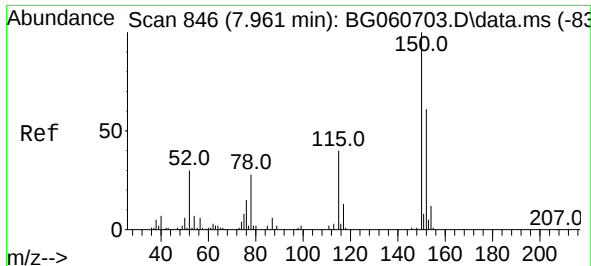
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060798.D
Acq On : 5 Apr 2024 16:23
Operator : MA/JU
Sample : P1999-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-02

Quant Time: Apr 05 16:59:06 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

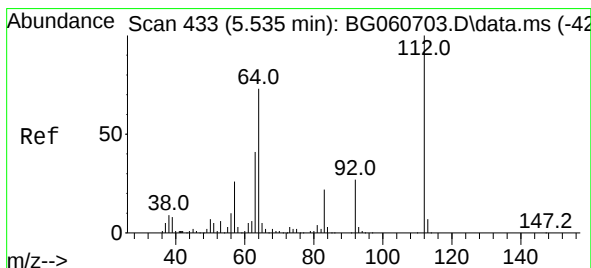
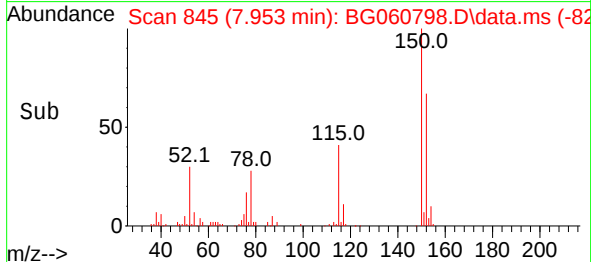
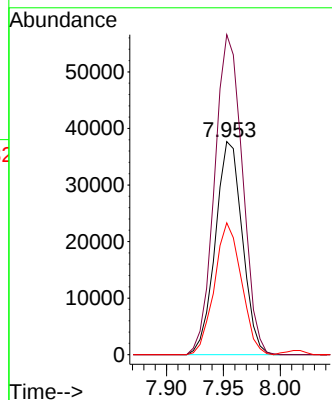
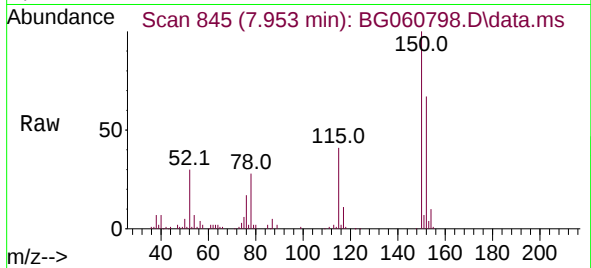




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060798.D
Acq: 5 Apr 2024 16:23

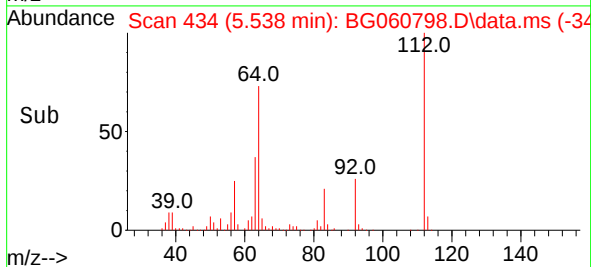
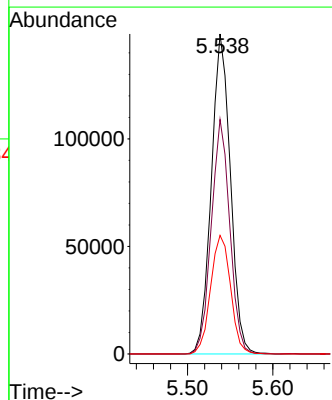
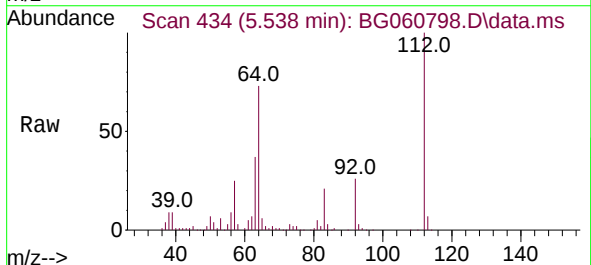
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-02

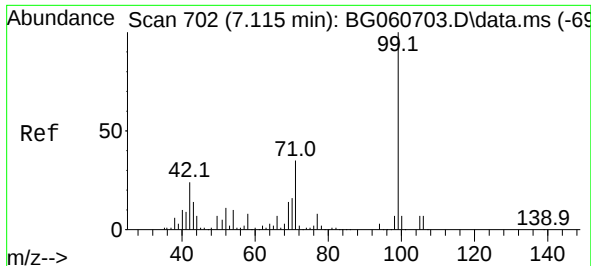
Tgt Ion:152 Resp: 62234
Ion Ratio Lower Upper
152 100
150 150.1 130.2 195.4
115 61.9 51.6 77.4



#5
2-Fluorophenol
Concen: 61.943 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060798.D
Acq: 5 Apr 2024 16:23

Tgt Ion:112 Resp: 231406
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 37.0 32.7 49.1

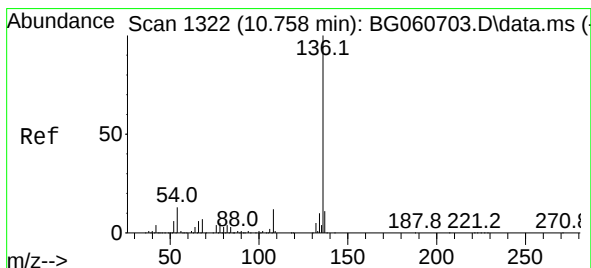
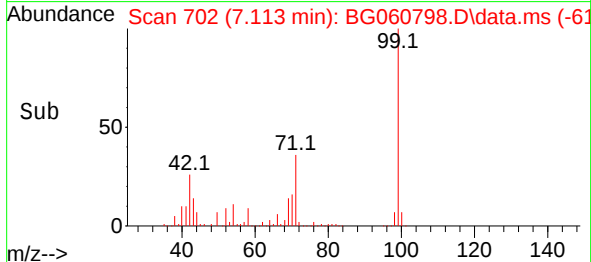
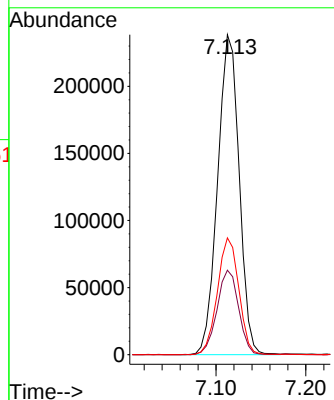
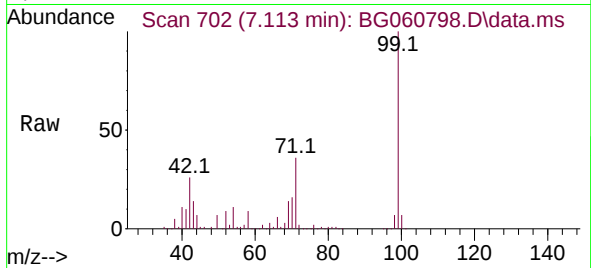




#7
Phenol-d6
Concen: 71.612 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060798.D
Acq: 5 Apr 2024 16:23

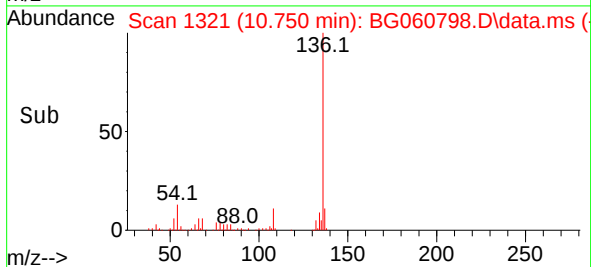
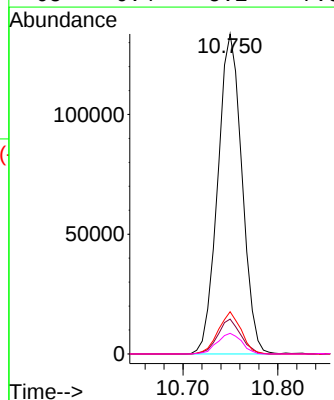
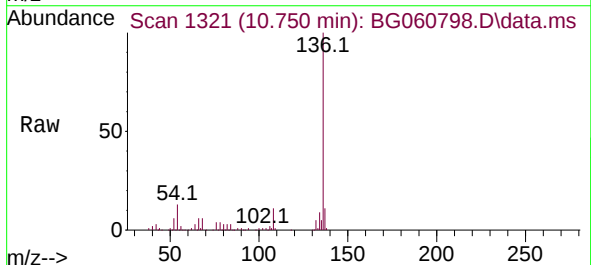
Instrument :
BNA_G
ClientSampleId :
THO-CONCRETE-02

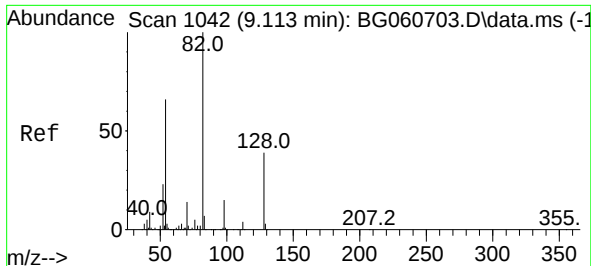
Tgt Ion: 99 Resp: 397112
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 36.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060798.D
Acq: 5 Apr 2024 16:23

Tgt Ion:136 Resp: 237046
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 13.2 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 68.334 ng

RT: 9.104 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060798.D

Acq: 5 Apr 2024 16:23

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-02

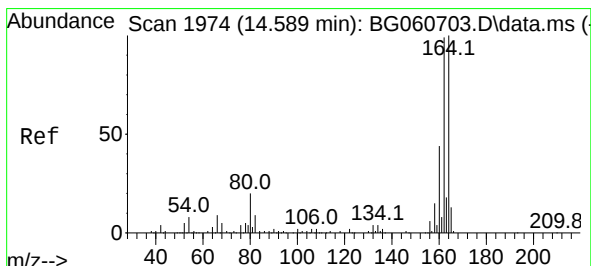
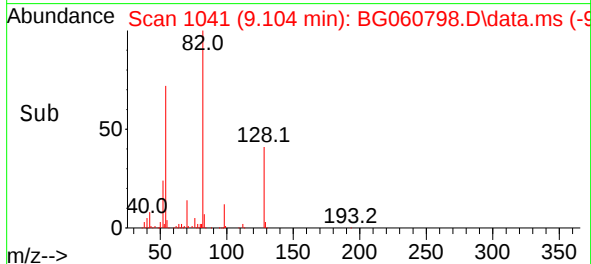
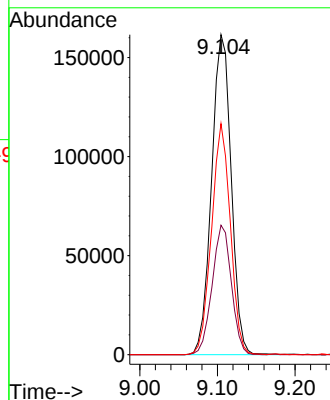
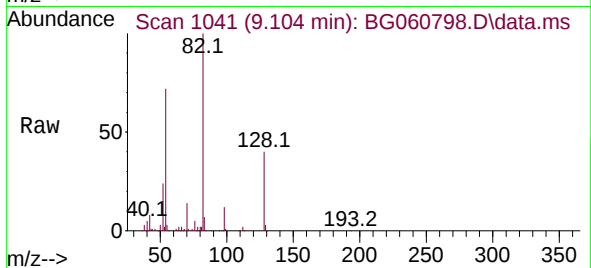
Tgt Ion: 82 Resp: 283873

Ion Ratio Lower Upper

82 100

128 40.5 31.2 46.8

54 72.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG060798.D

Acq: 5 Apr 2024 16:23

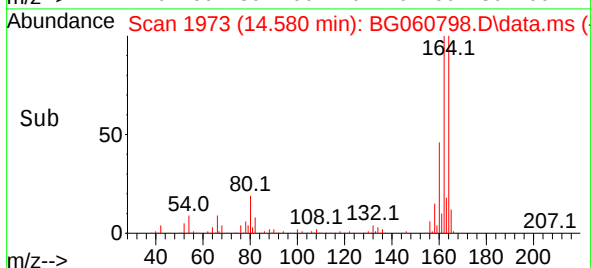
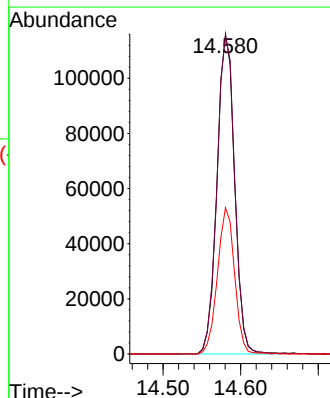
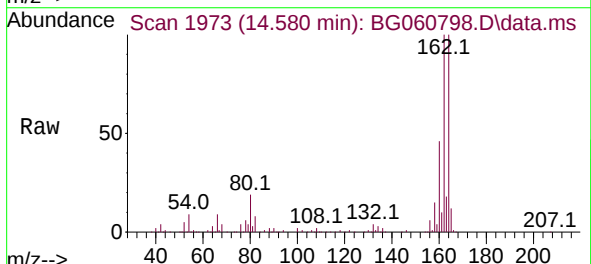
Tgt Ion:164 Resp: 182153

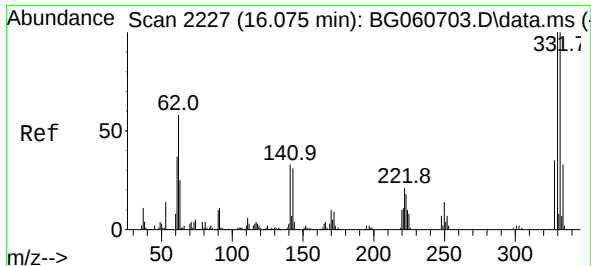
Ion Ratio Lower Upper

164 100

162 99.5 79.5 119.3

160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 61.528 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060798.D

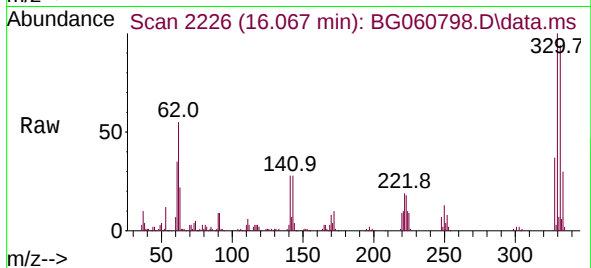
Acq: 5 Apr 2024 16:23

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-02



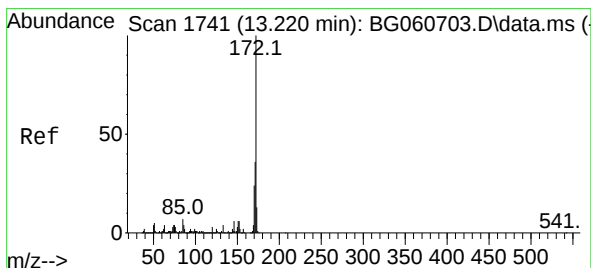
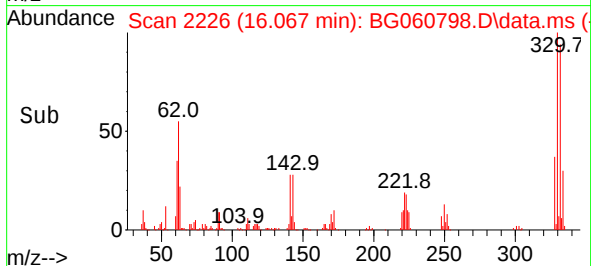
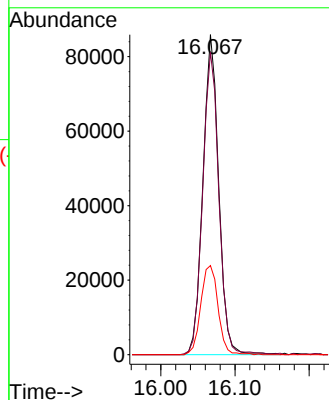
Tgt Ion:330 Resp: 127224

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 30.4 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 57.141 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060798.D

Acq: 5 Apr 2024 16:23

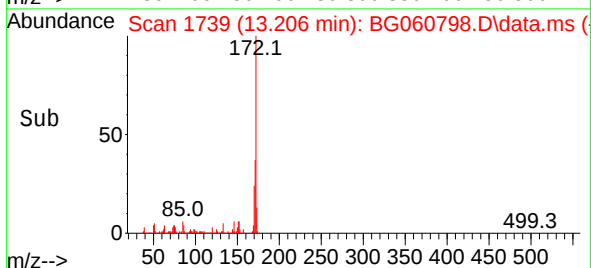
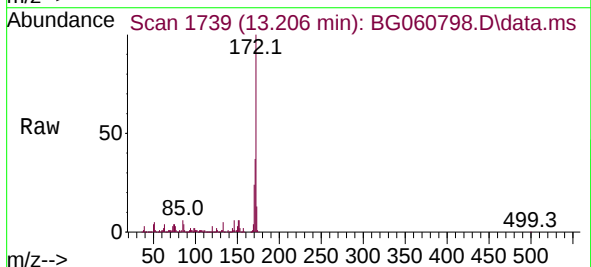
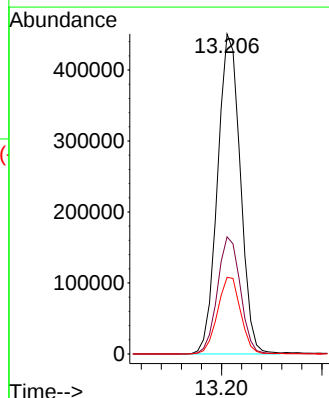
Tgt Ion:172 Resp: 709196

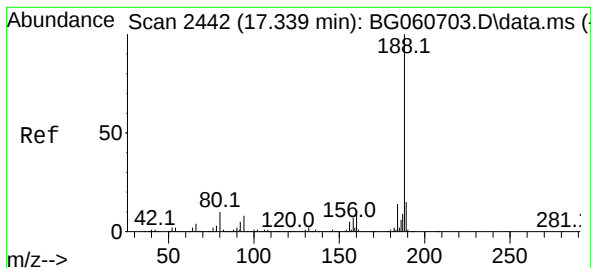
Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BG060798.D

Acq: 5 Apr 2024 16:23

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-02

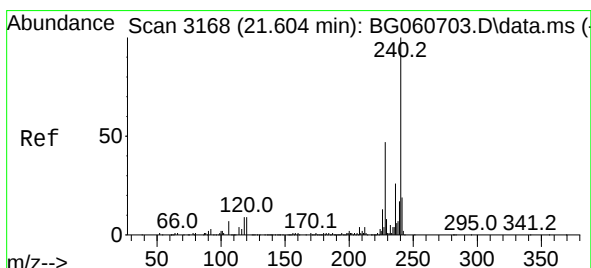
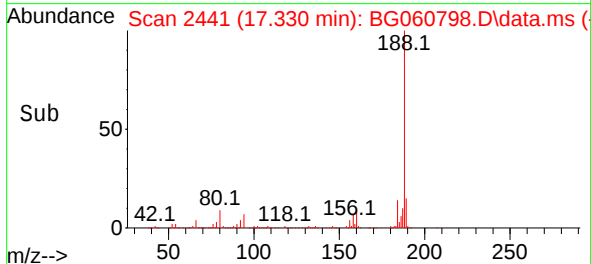
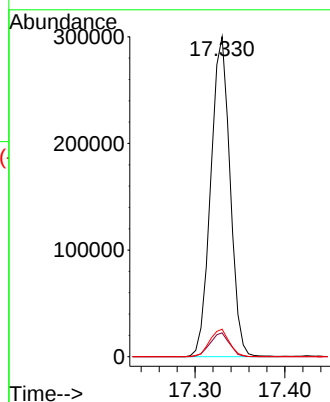
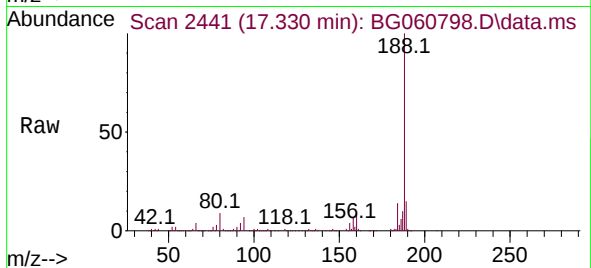
Tgt Ion:188 Resp: 447341

Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 8.6 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: BG060798.D

Acq: 5 Apr 2024 16:23

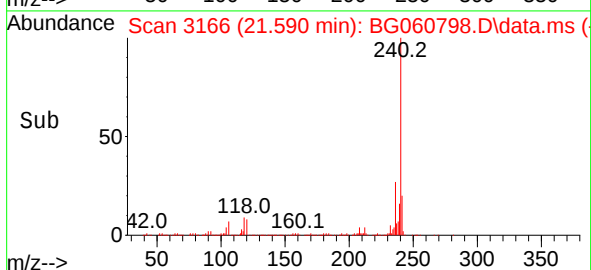
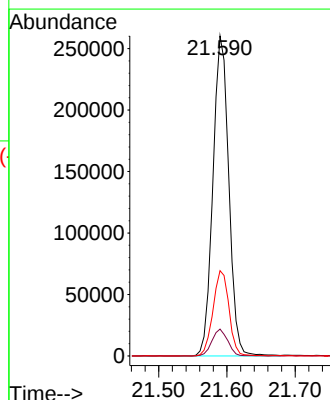
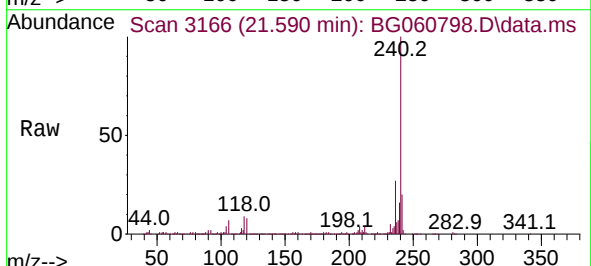
Tgt Ion:240 Resp: 422711

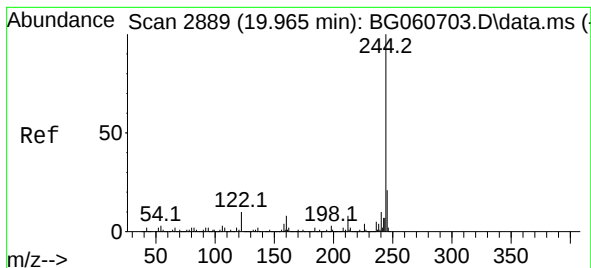
Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 26.6 20.7 31.1





#79

Terphenyl-d14

Concen: 61.023 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060798.D

Acq: 5 Apr 2024 16:23

Instrument :

BNA_G

ClientSampleId :

THO-CONCRETE-02

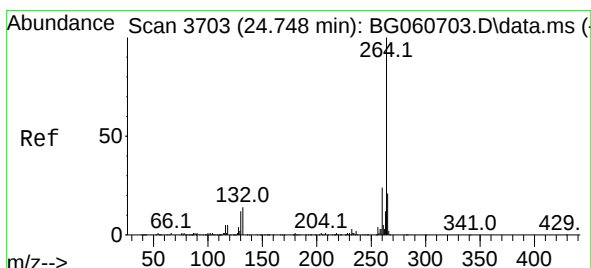
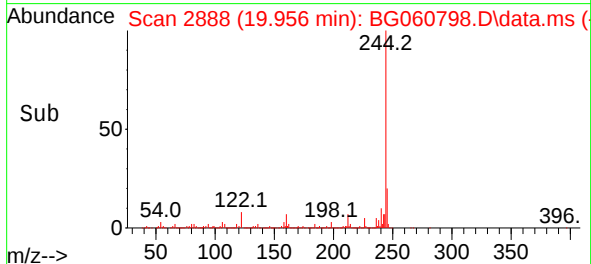
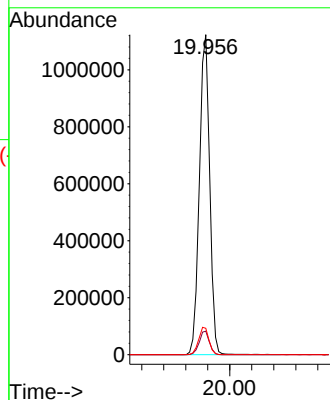
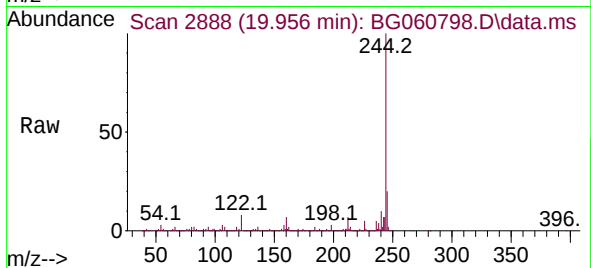
Tgt Ion:244 Resp: 1464934

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.3 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: BG060798.D

Acq: 5 Apr 2024 16:23

Tgt Ion:264 Resp: 498702

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 20.9 16.9 25.3

