

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061038.D
 Acq On : 25 Apr 2024 15:16
 Operator : MA/JU
 Sample : P2259-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Quant Time: Apr 25 16:14:53 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	7.940	152	24459	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	98546	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	78241	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	186640	20.000	ng	0.00
76) Chrysene-d12	21.577	240	183537	20.000	ng	# 0.00
86) Perylene-d12	24.709	264	184602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	95958	79.357	ng	0.00
7) Phenol-d6	7.112	99	114531	63.837	ng	0.00
23) Nitrobenzene-d5	9.092	82	88708	40.444	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	96845	56.367	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	264097	46.716	ng	0.00
79) Terphenyl-d14	19.938	244	540218	45.688	ng	0.00

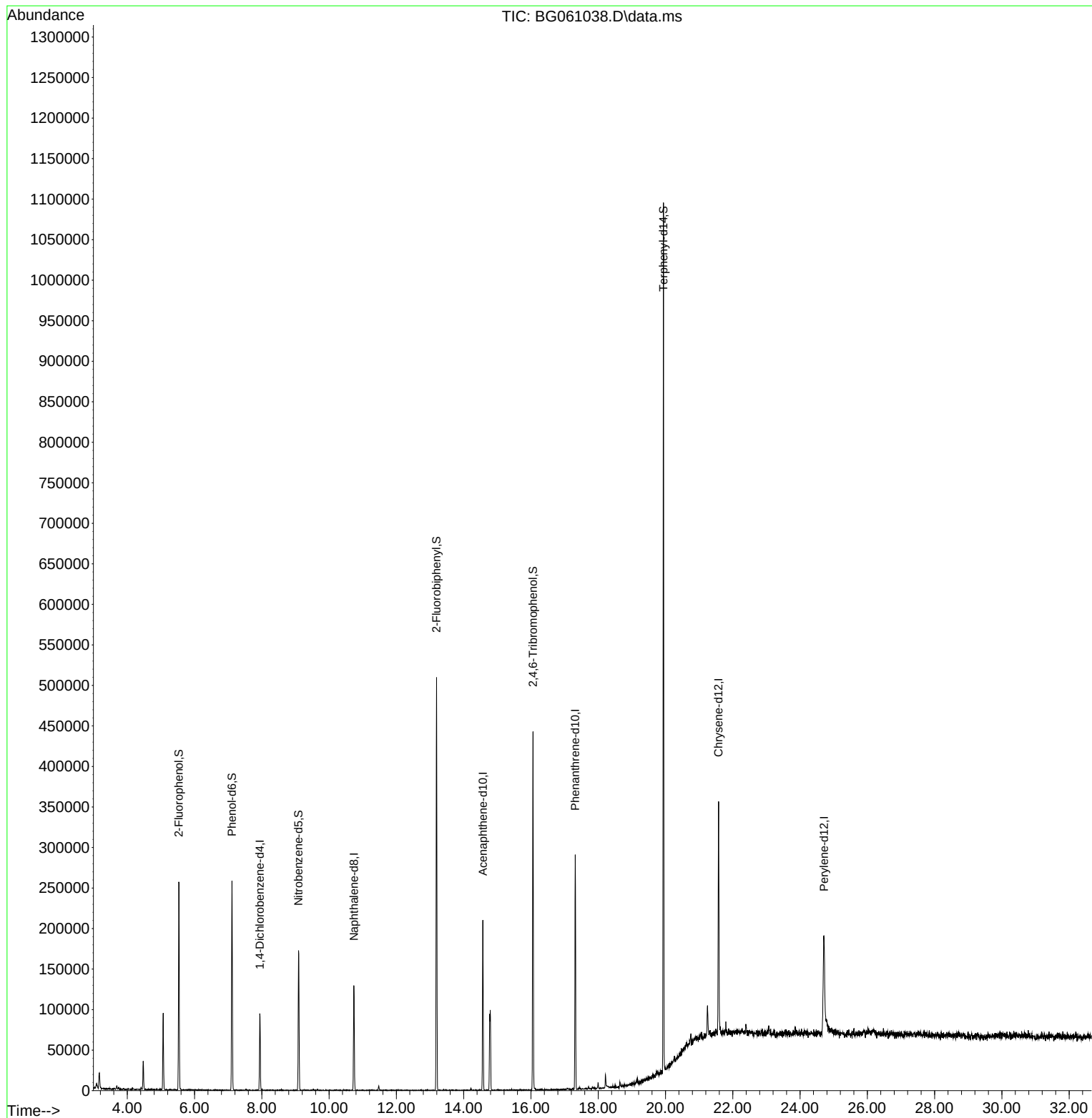
Target Compounds	Qvalue

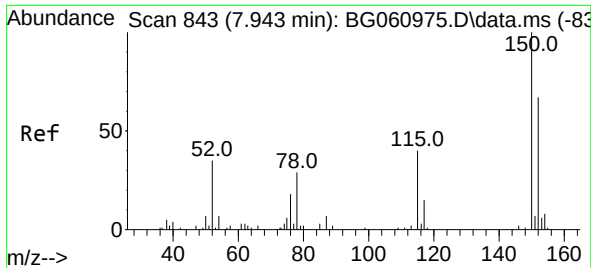
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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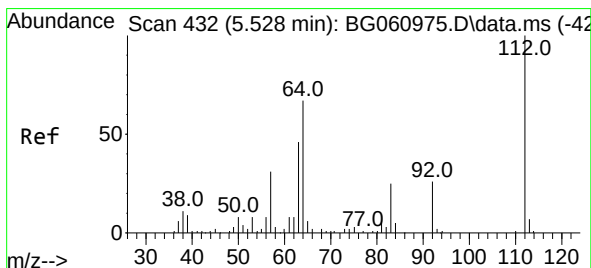
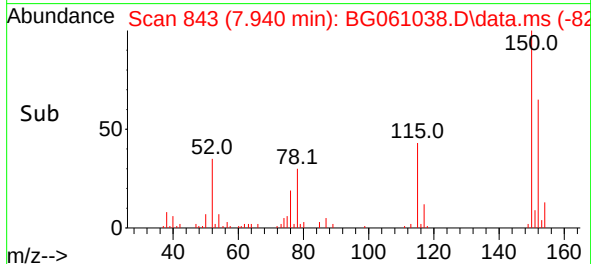
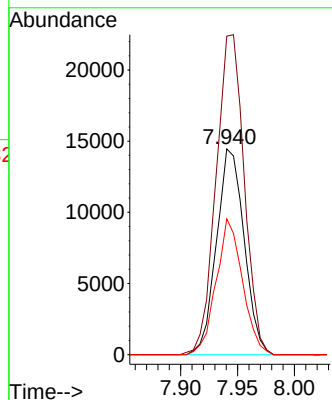
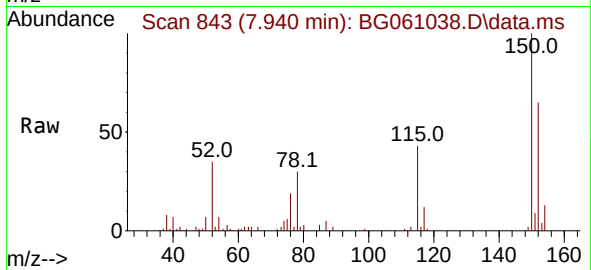




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

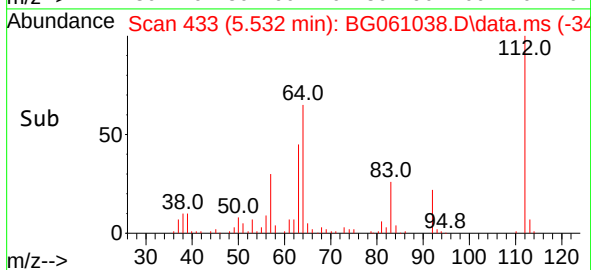
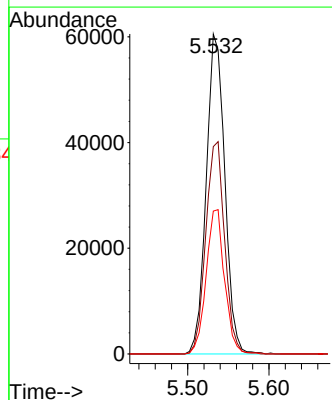
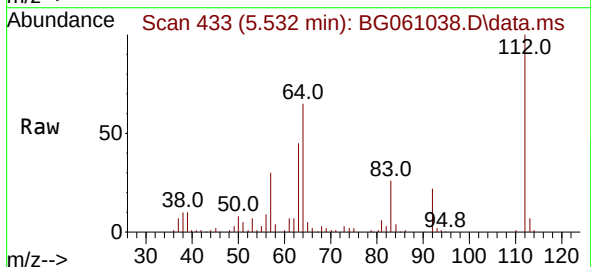
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

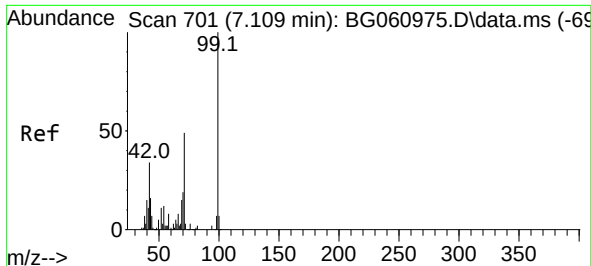
Tgt Ion:152 Resp: 24459
Ion Ratio Lower Upper
152 100
150 154.8 118.6 178.0
115 66.0 47.4 71.0



#5
2-Fluorophenol
Concen: 79.357 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:112 Resp: 95958
Ion Ratio Lower Upper
112 100
64 64.8 53.7 80.5
63 44.6 37.0 55.6

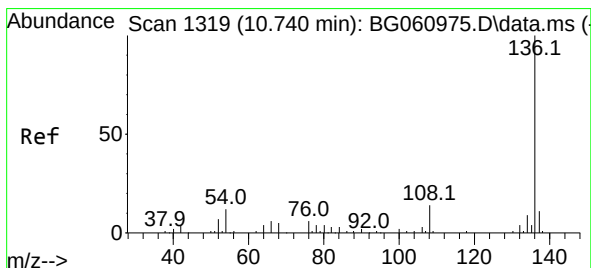
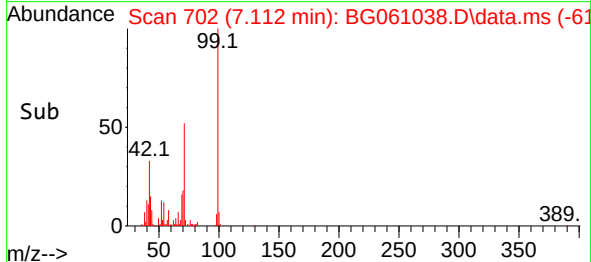
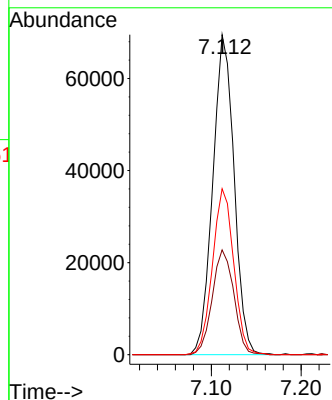
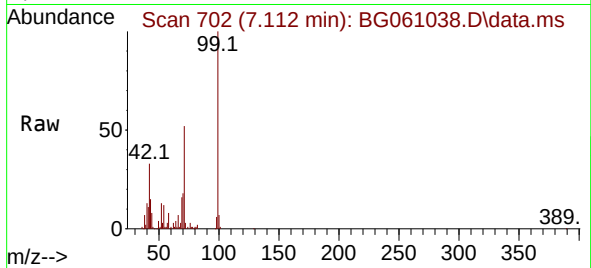




#7
Phenol-d6
Concen: 63.837 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

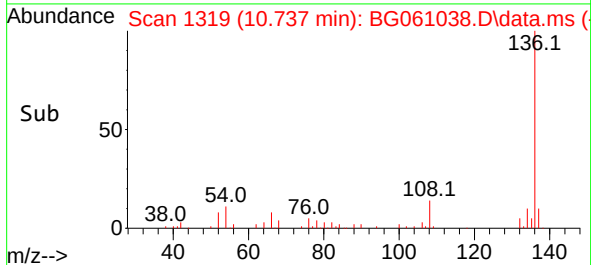
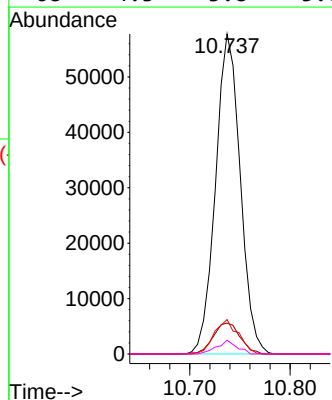
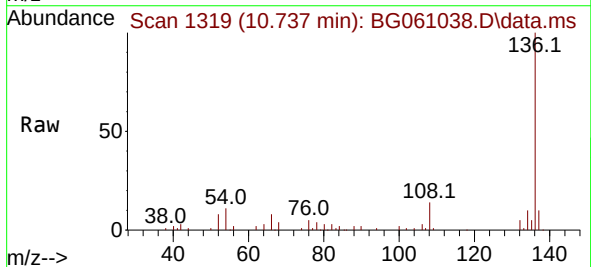
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

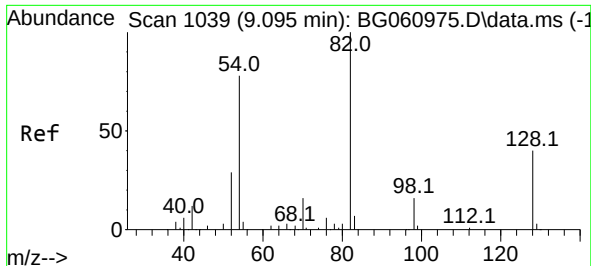
Tgt Ion: 99 Resp: 114531
Ion Ratio Lower Upper
99 100
42 32.8 27.2 40.8
71 51.8 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion: 136 Resp: 98546
Ion Ratio Lower Upper
136 100
137 9.7 8.5 12.7
54 10.8 9.4 14.0
68 4.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 40.444 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.002 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

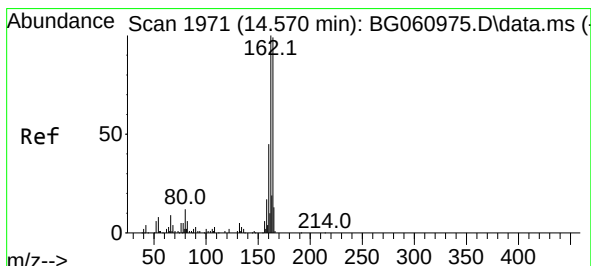
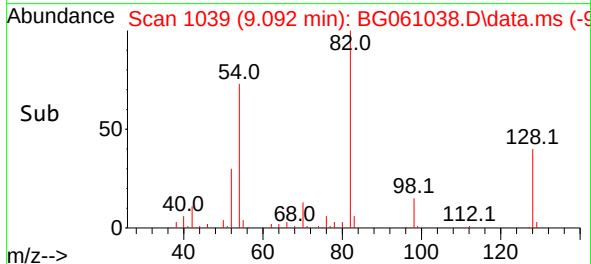
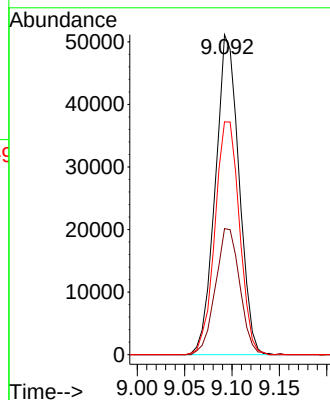
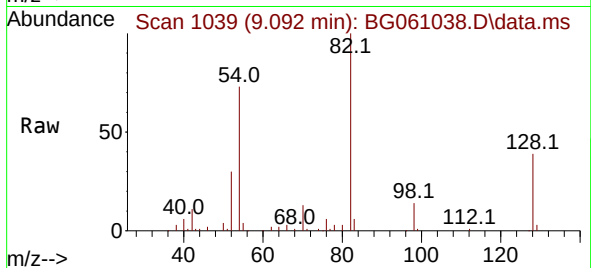
Tgt Ion: 82 Resp: 88708

Ion Ratio Lower Upper

82 100

128 39.4 32.1 48.1

54 72.8 62.3 93.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1972

Delta R.T. 0.003 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

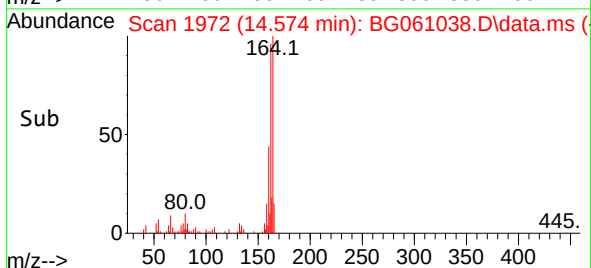
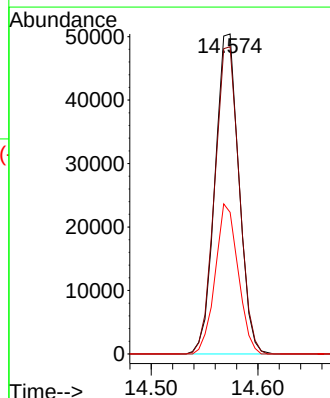
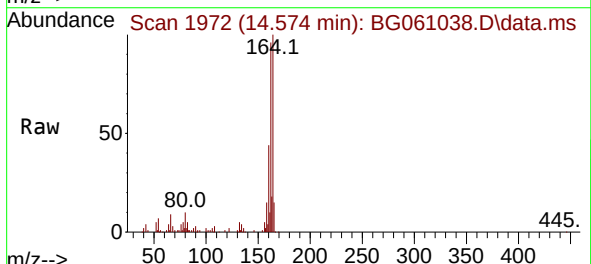
Tgt Ion:164 Resp: 78241

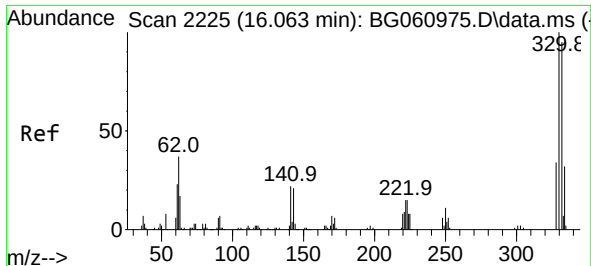
Ion Ratio Lower Upper

164 100

162 96.0 81.2 121.8

160 44.2 36.2 54.2

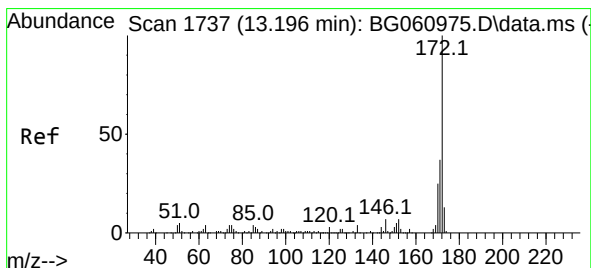
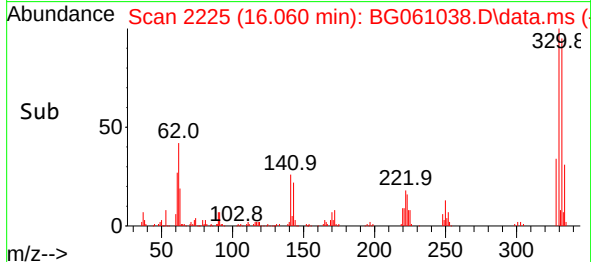
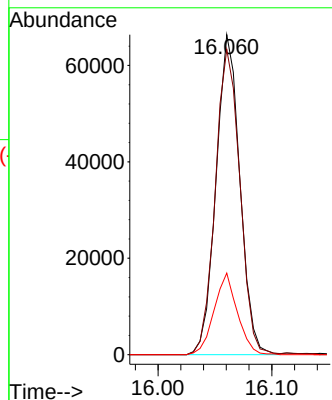
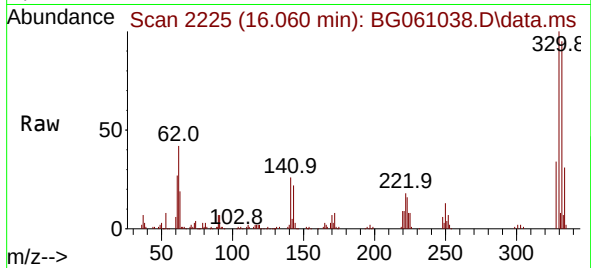




#42
2,4,6-Tribromophenol
Concen: 56.367 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

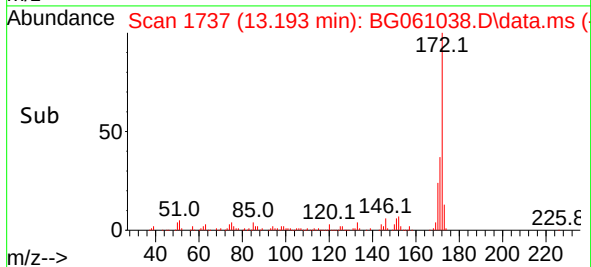
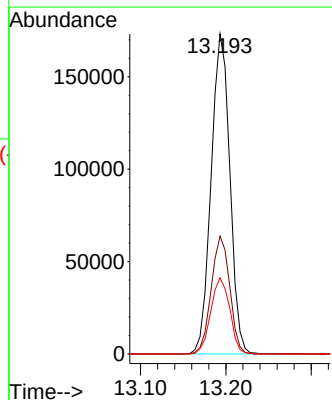
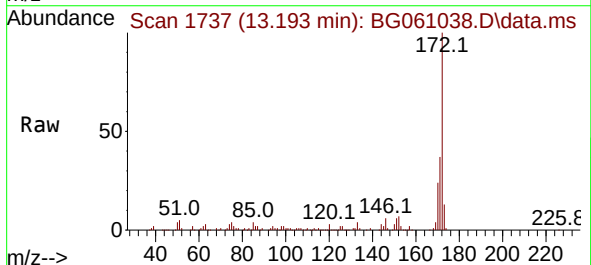
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

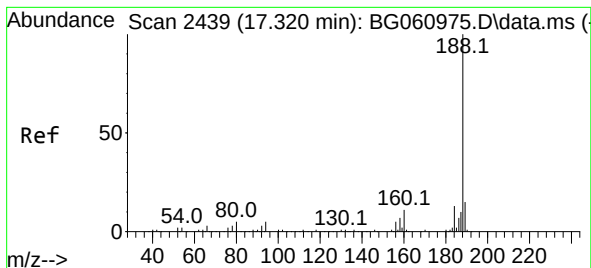
Tgt Ion:330 Resp: 96845
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 24.9 20.6 31.0



#45
2-Fluorobiphenyl
Concen: 46.716 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG061038.D
Acq: 25 Apr 2024 15:16

Tgt Ion:172 Resp: 264097
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 23.8 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

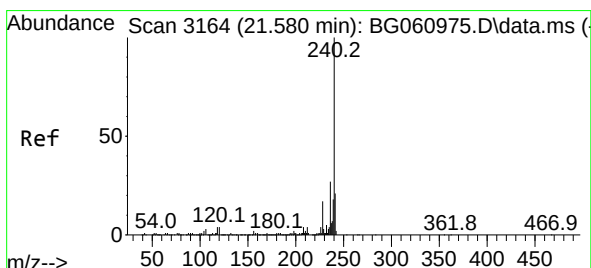
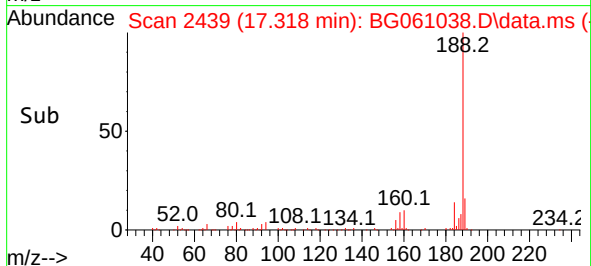
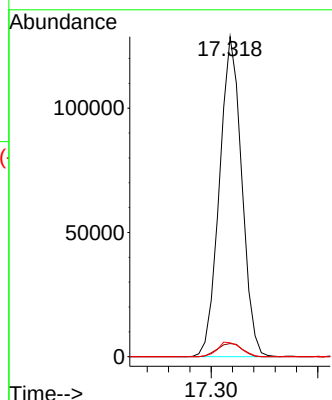
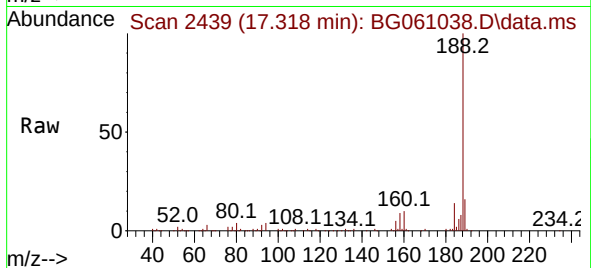
Tgt Ion:188 Resp: 186640

Ion Ratio Lower Upper

188 100

94 4.1 4.1 6.1

80 4.4 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3164

Delta R.T. -0.002 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

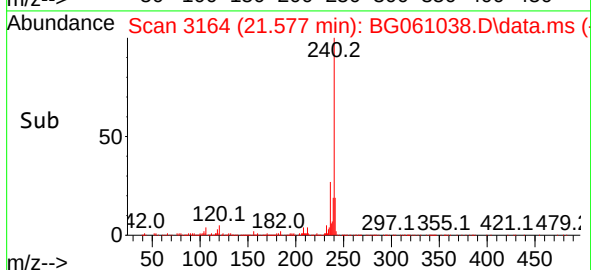
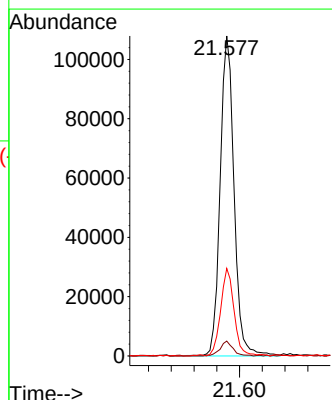
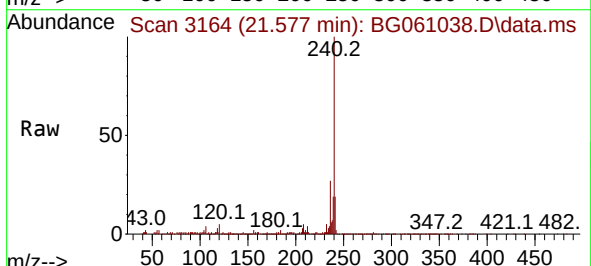
Tgt Ion:240 Resp: 183537

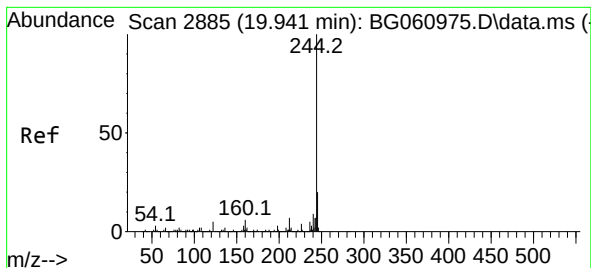
Ion Ratio Lower Upper

240 100

120 4.7 3.0 4.6#

236 27.3 21.8 32.6





#79

Terphenyl-d14

Concen: 45.688 ng

RT: 19.938 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

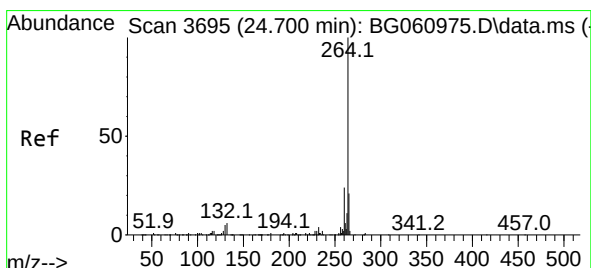
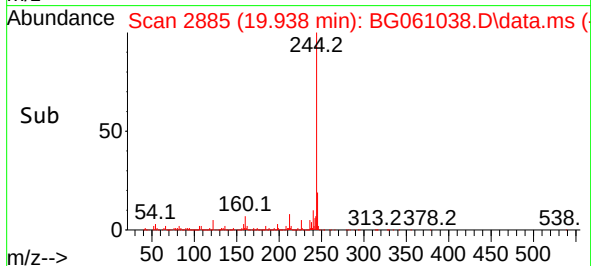
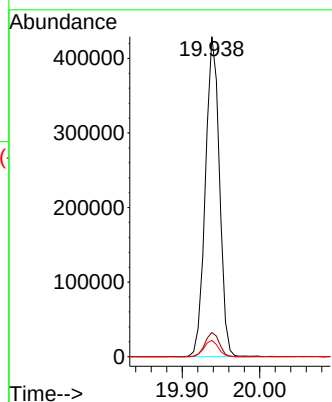
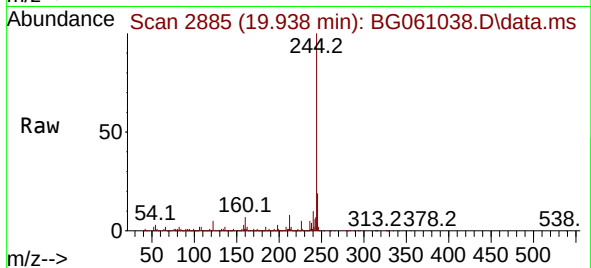
Tgt Ion:244 Resp: 540218

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 5.1 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.709 min Scan# 3697

Delta R.T. 0.009 min

Lab File: BG061038.D

Acq: 25 Apr 2024 15:16

Tgt Ion:264 Resp: 184602

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 23.6 17.0 25.4

