

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057566.D
 Acq On : 25 May 2023 20:35
 Operator : CG/JU
 Sample : 02925-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-052423

Quant Time: May 26 03:01:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	19616	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	77906	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	59458	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	155832	20.000	ng	0.00
76) Chrysene-d12	22.012	240	139192	20.000	ng	0.00
86) Perylene-d12	25.519	264	151056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	90527	78.944	ng	0.00
7) Phenol-d6	7.497	99	141189	81.080	ng	0.00
23) Nitrobenzene-d5	9.529	82	83277	44.864	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	66683	79.041	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	220241	49.887	ng	0.00
79) Terphenyl-d14	20.274	244	474987	55.689	ng	0.00

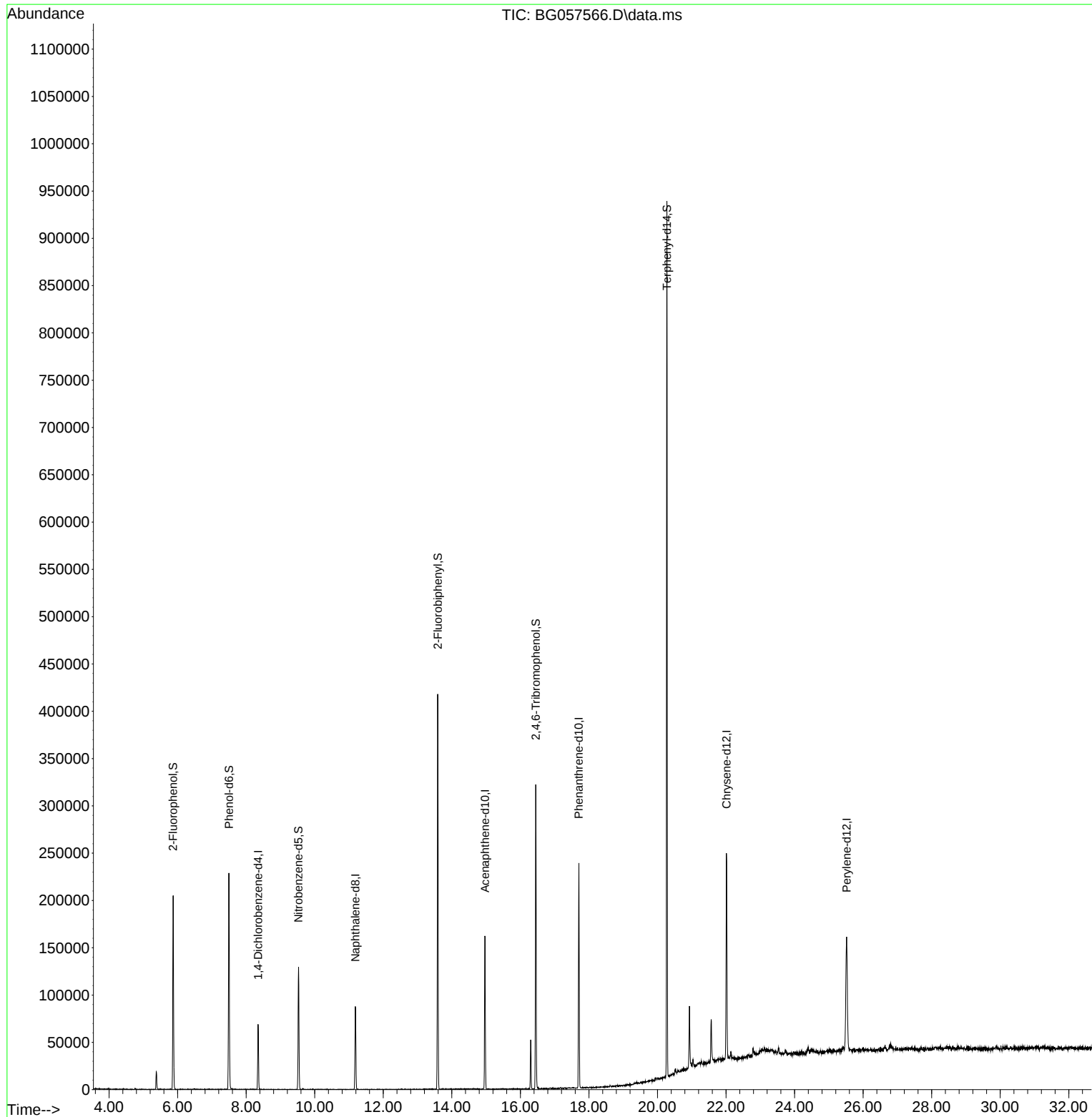
Target Compounds	Qvalue

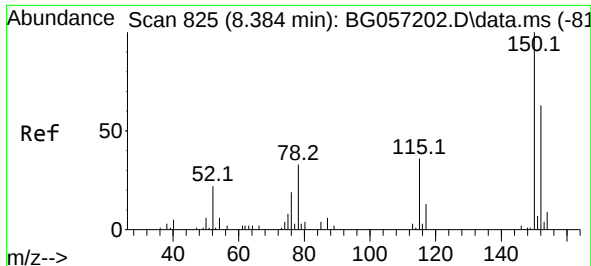
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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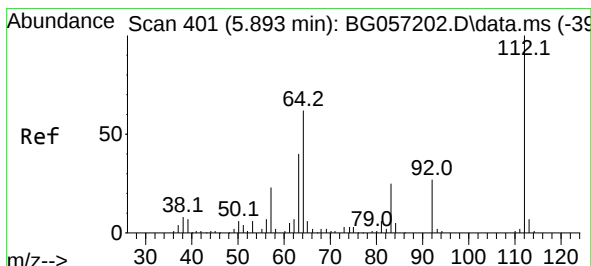
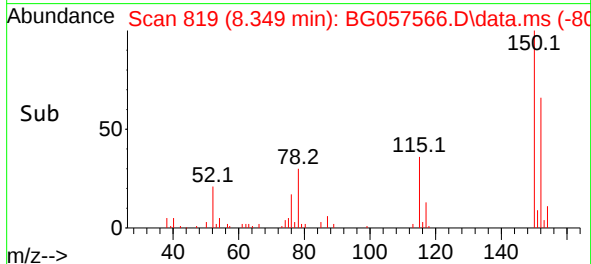
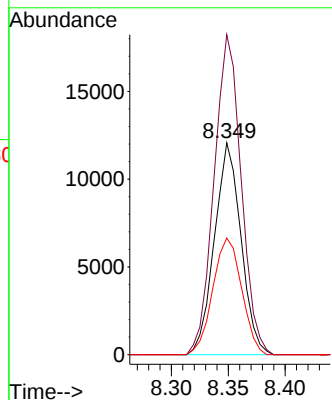
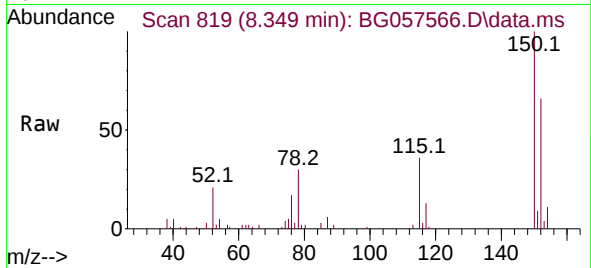




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057566.D
Acq: 25 May 2023 20:35

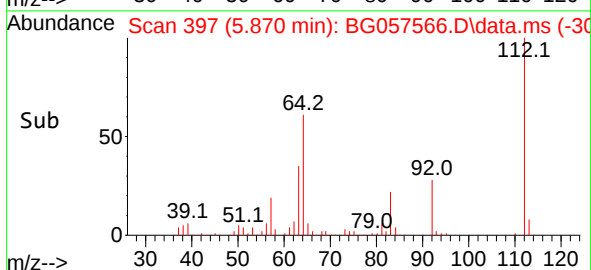
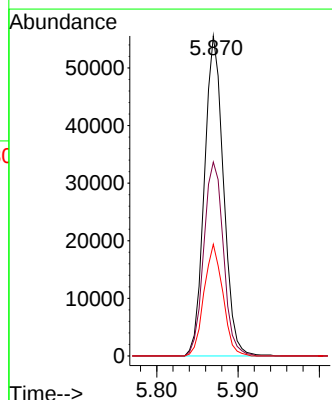
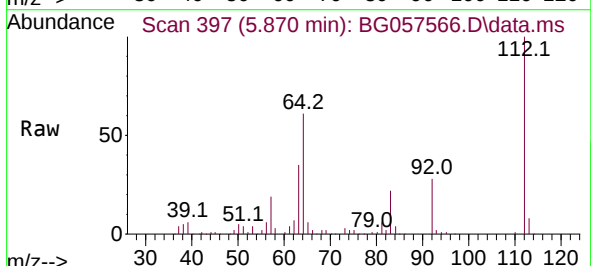
Instrument :
BNA_G
ClientSampleId :
CONCRETE-052423

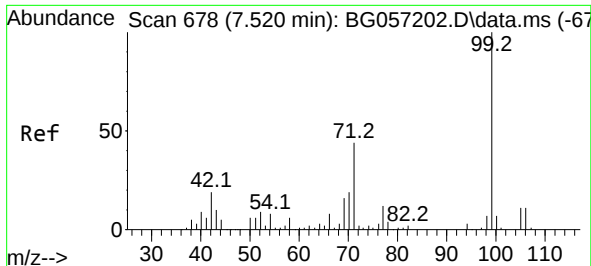
Tgt Ion:152 Resp: 19616
Ion Ratio Lower Upper
152 100
150 151.0 126.2 189.4
115 55.0 45.0 67.4



#5
2-Fluorophenol
Concen: 78.944 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.003 min
Lab File: BG057566.D
Acq: 25 May 2023 20:35

Tgt Ion:112 Resp: 90527
Ion Ratio Lower Upper
112 100
64 60.6 49.4 74.2
63 34.9 31.6 47.4

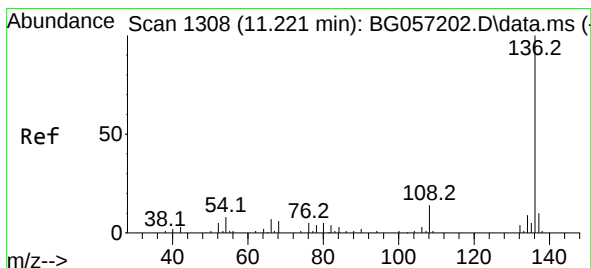
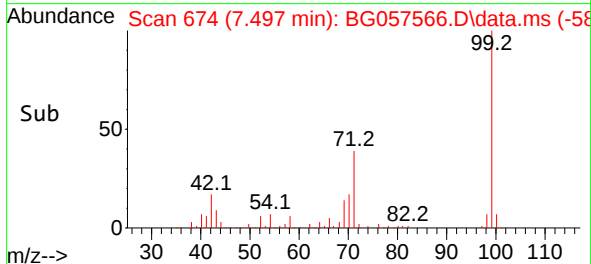
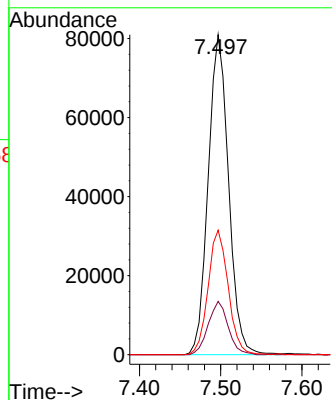
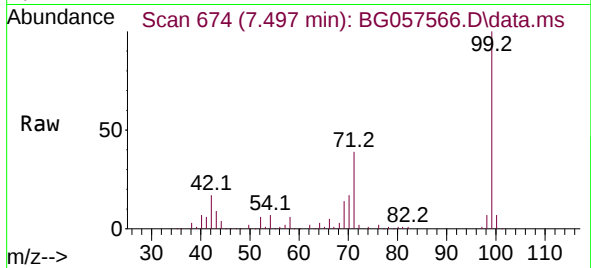




#7
Phenol-d6
Concen: 81.080 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057566.D
Acq: 25 May 2023 20:35

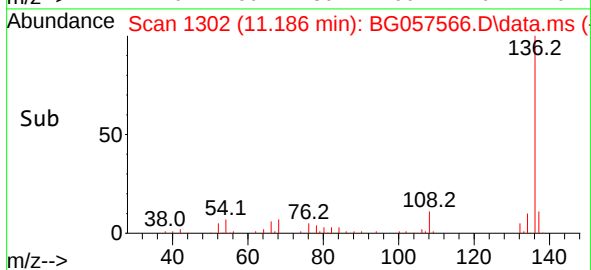
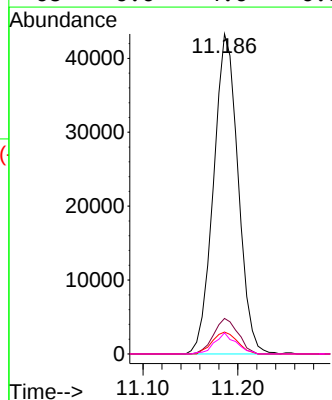
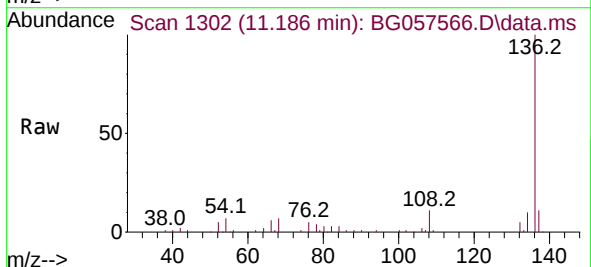
Instrument :
BNA_G
ClientSampleId :
CONCRETE-052423

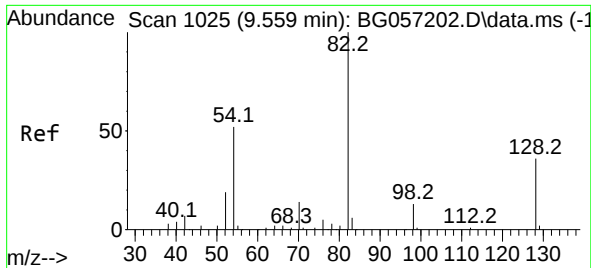
Tgt Ion: 99 Resp: 141189
Ion Ratio Lower Upper
99 100
42 16.7 15.1 22.7
71 38.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1302
Delta R.T. -0.009 min
Lab File: BG057566.D
Acq: 25 May 2023 20:35

Tgt Ion: 136 Resp: 77906
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 6.8 6.7 10.1
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 44.864 ng

RT: 9.529 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG057566.D

Acq: 25 May 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-052423

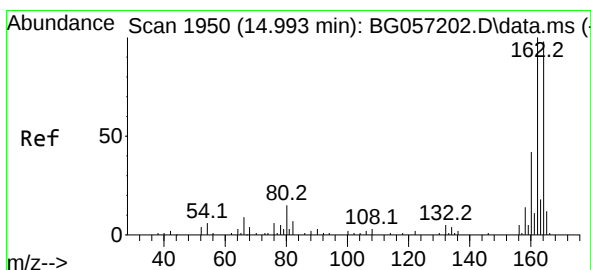
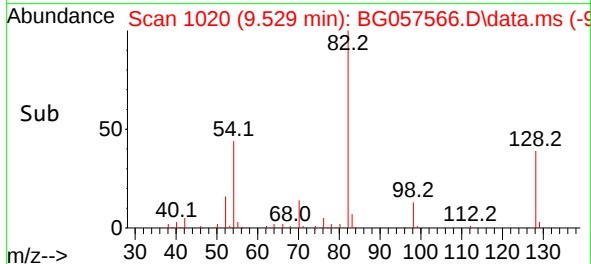
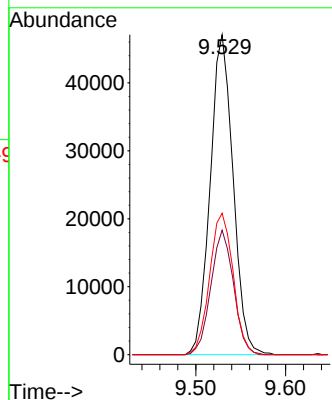
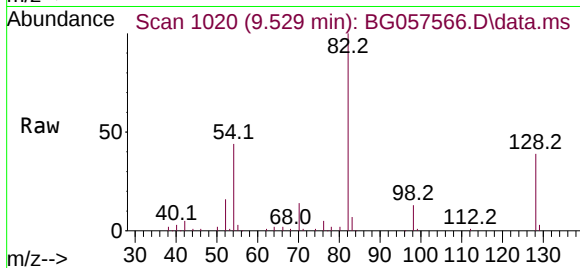
Tgt Ion: 82 Resp: 83277

Ion Ratio Lower Upper

82 100

128 38.9 29.0 43.4

54 44.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.003 min

Lab File: BG057566.D

Acq: 25 May 2023 20:35

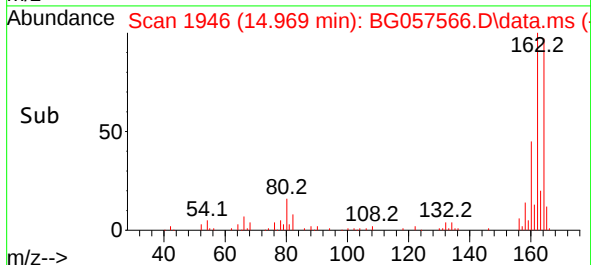
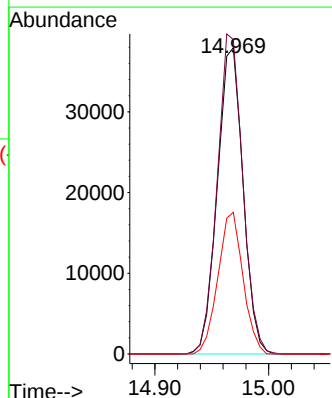
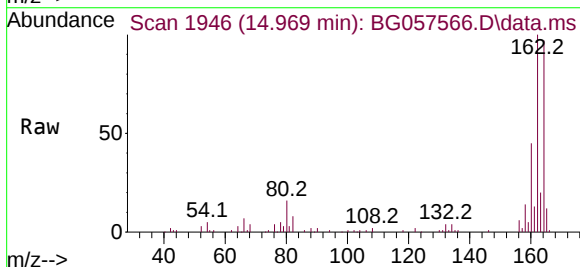
Tgt Ion:164 Resp: 59458

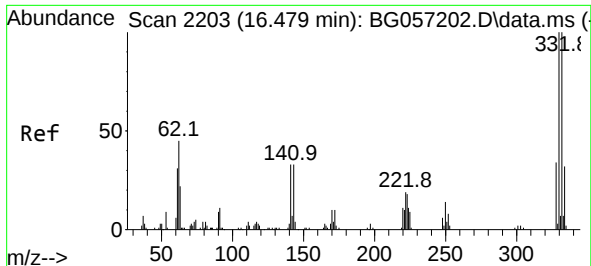
Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 46.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 79.041 ng

RT: 16.449 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057566.D

Acq: 25 May 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-052423

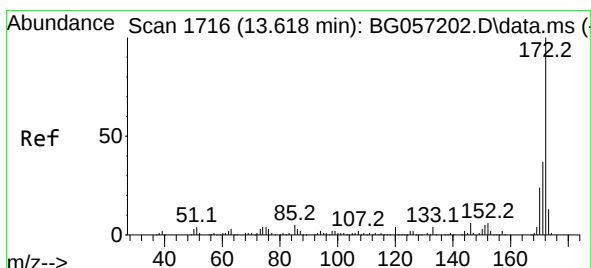
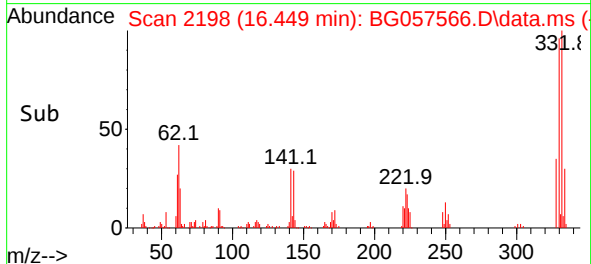
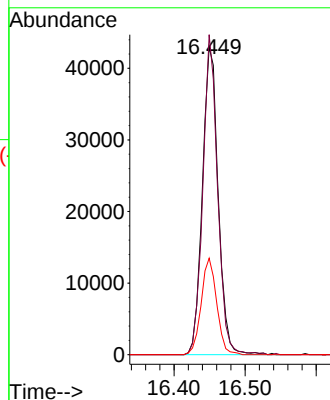
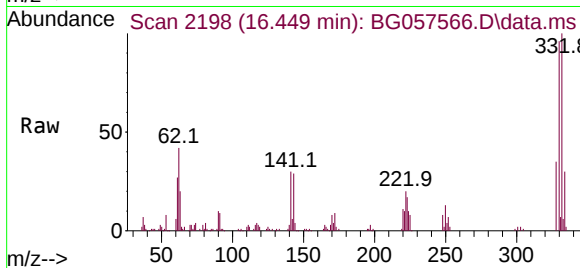
Tgt Ion:330 Resp: 66683

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.2

141 30.7 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 49.887 ng

RT: 13.589 min Scan# 1711

Delta R.T. -0.009 min

Lab File: BG057566.D

Acq: 25 May 2023 20:35

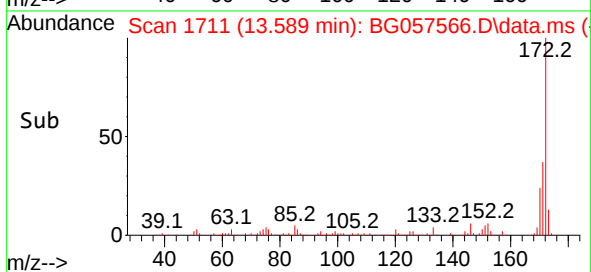
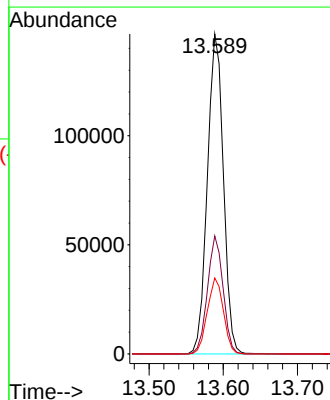
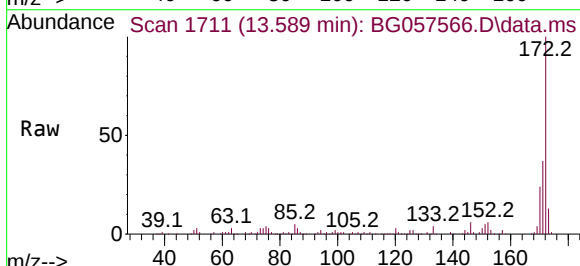
Tgt Ion:172 Resp: 220241

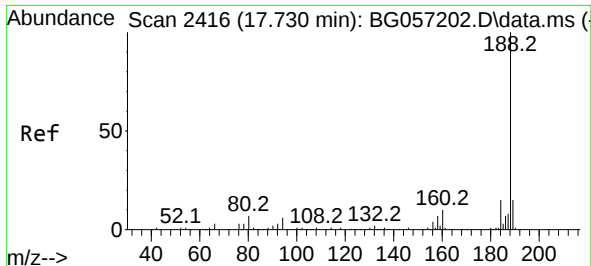
Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

170 23.8 19.0 28.6

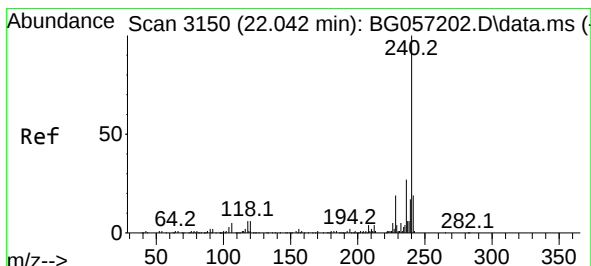
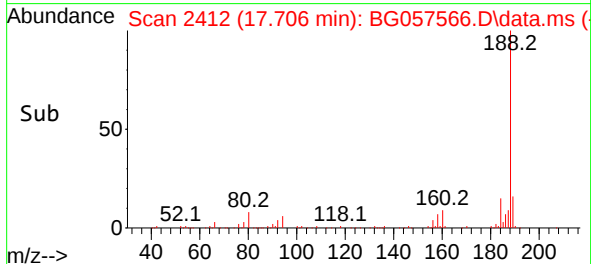
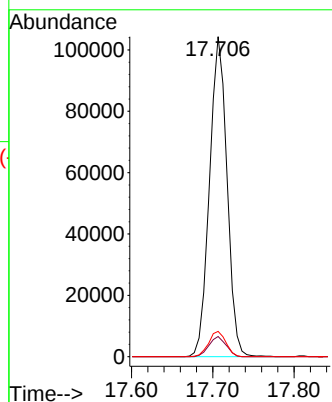
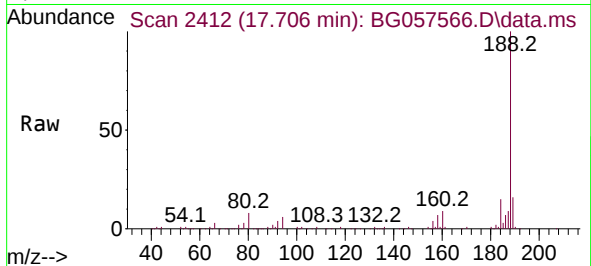




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG057566.D
Acq: 25 May 2023 20:35

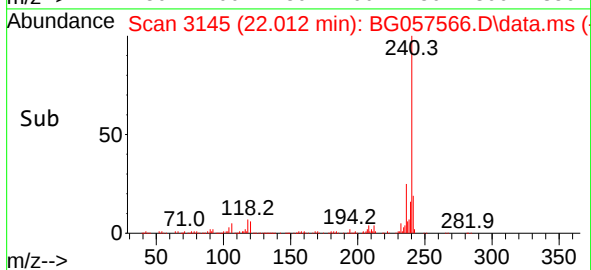
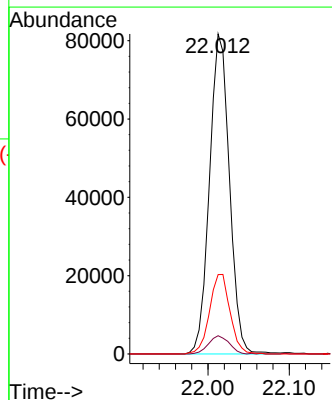
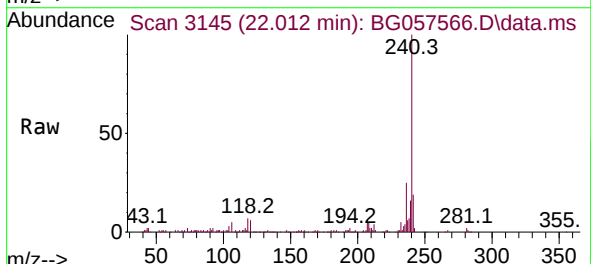
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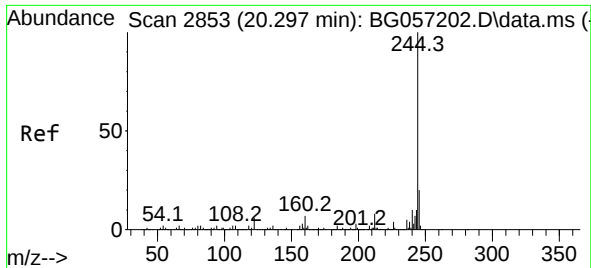
Tgt Ion:188 Resp: 155832
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.9 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG057566.D
Acq: 25 May 2023 20:35

Tgt Ion:240 Resp: 139192
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 24.8 21.4 32.2

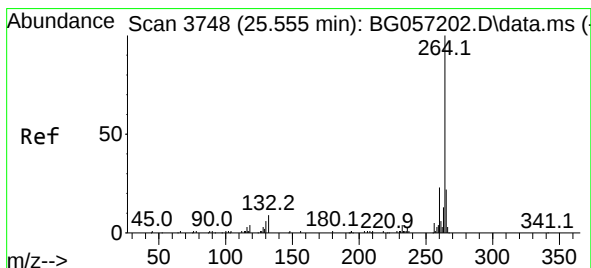
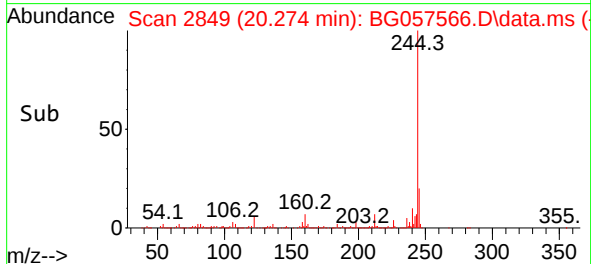
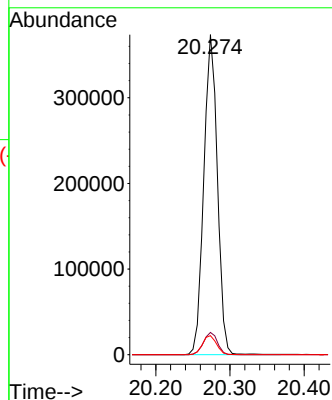
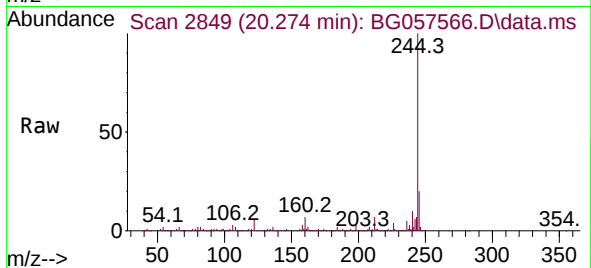




#79
 Terphenyl-d14
 Concen: 55.689 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057566.D
 Acq: 25 May 2023 20:35

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-052423

Tgt Ion:244 Resp: 474987
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 5.9 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. -0.003 min
 Lab File: BG057566.D
 Acq: 25 May 2023 20:35

Tgt Ion:264 Resp: 151056
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 20.6 17.9 26.9

