

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057538.D
 Acq On : 24 May 2023 17:29
 Operator : CG/JU
 Sample : 02869-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP19

Quant Time: May 25 02:25:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	19465	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	72943	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	49262	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	123657	20.000	ng	-0.01
76) Chrysene-d12	22.021	240	132393	20.000	ng	-0.01
86) Perylene-d12	25.523	264	139706	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	126142	110.855	ng	0.00
7) Phenol-d6	7.506	99	182246	105.470	ng	0.00
23) Nitrobenzene-d5	9.538	82	111441	64.122	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	91050	130.262	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	258489	70.670	ng	-0.01
79) Terphenyl-d14	20.277	244	557374	68.704	ng	-0.01

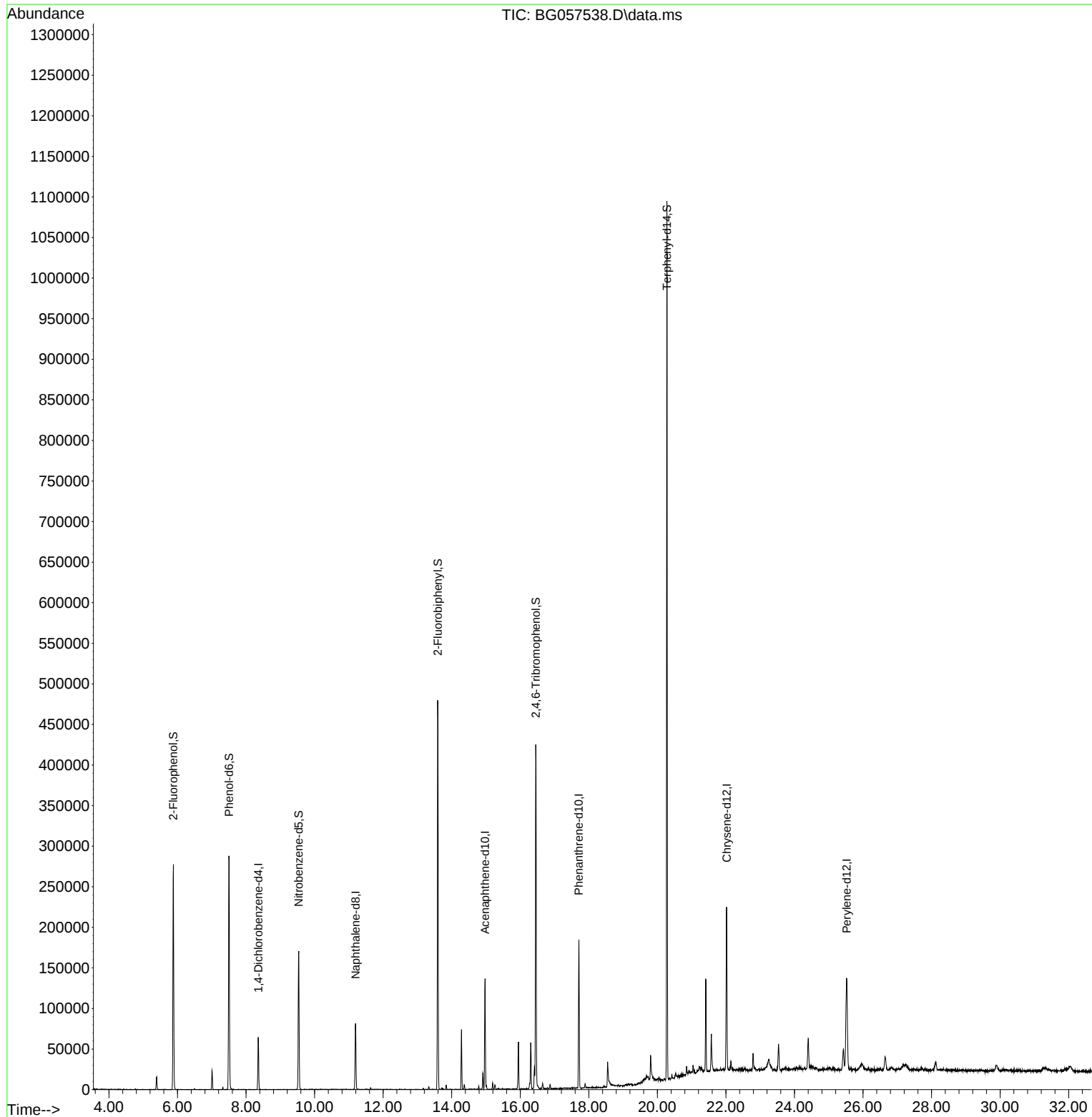
Target Compounds	Qvalue

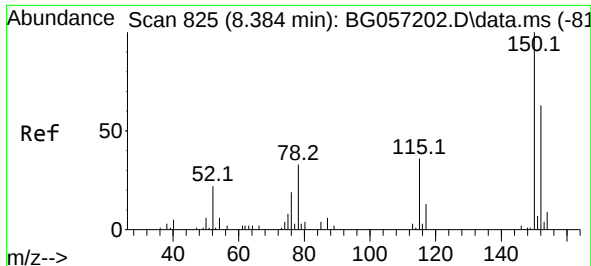
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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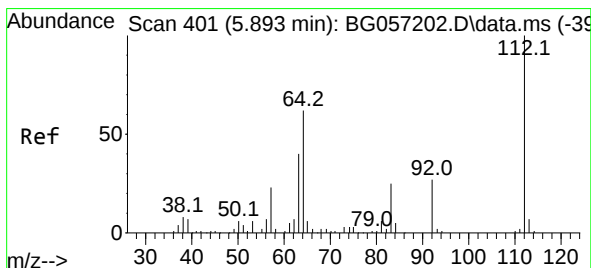
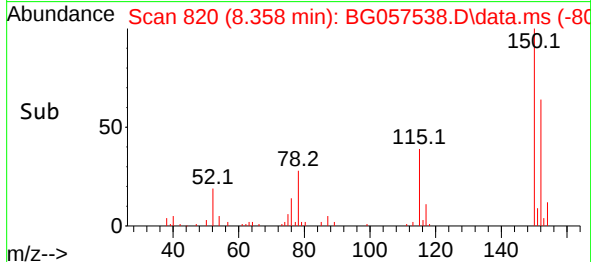
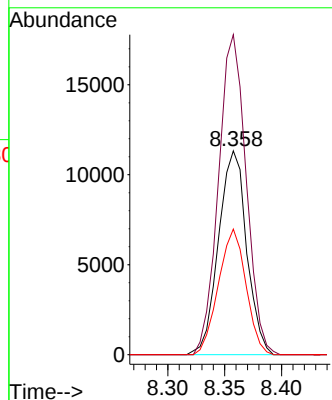
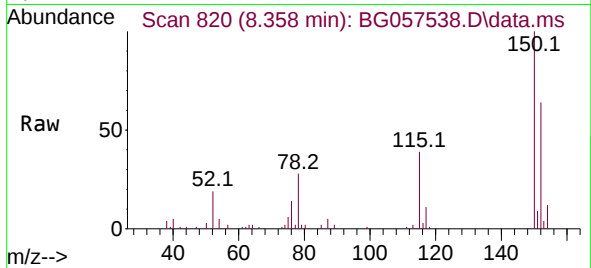




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057538.D
Acq: 24 May 2023 17:29

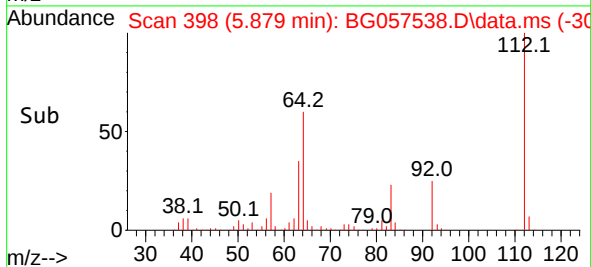
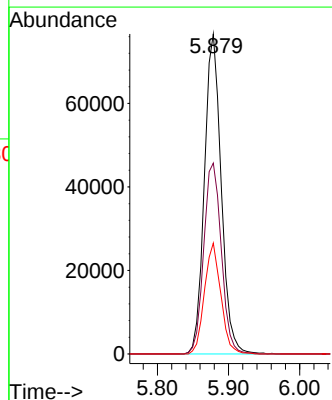
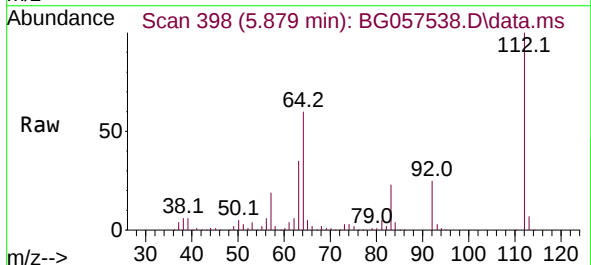
Instrument :
BNA_G
ClientSampleId :
TP19

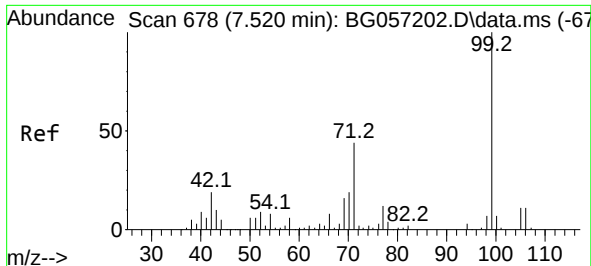
Tgt Ion:152 Resp: 19465
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.4
115 61.6 45.0 67.4



#5
2-Fluorophenol
Concen: 110.855 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057538.D
Acq: 24 May 2023 17:29

Tgt Ion:112 Resp: 126142
Ion Ratio Lower Upper
112 100
64 59.7 49.4 74.2
63 34.6 31.6 47.4

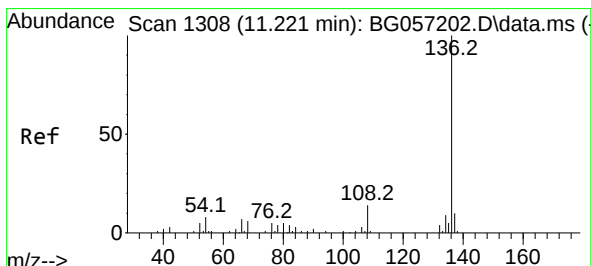
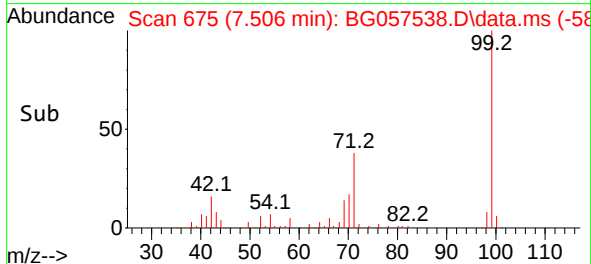
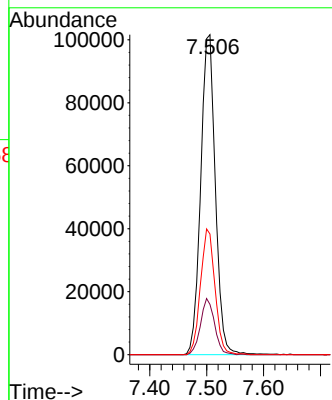
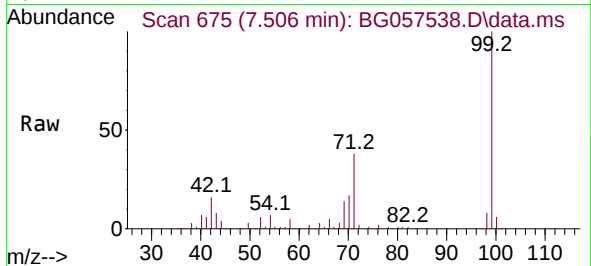




#7
Phenol-d6
Concen: 105.470 ng
RT: 7.506 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057538.D
Acq: 24 May 2023 17:29

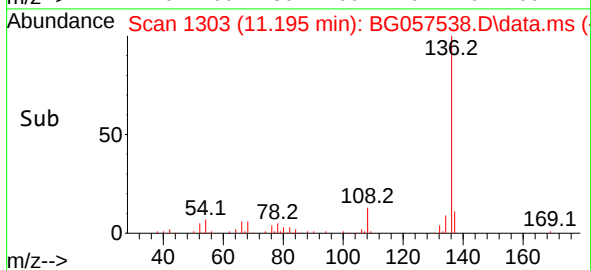
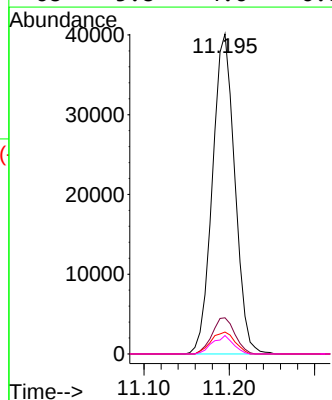
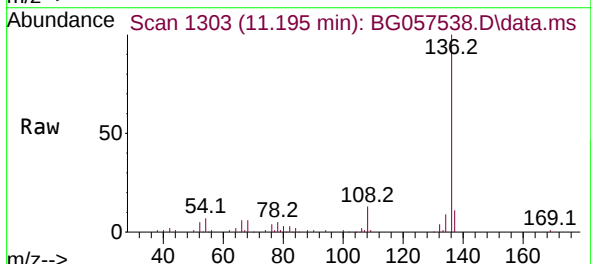
Instrument :
BNA_G
ClientSampleId :
TP19

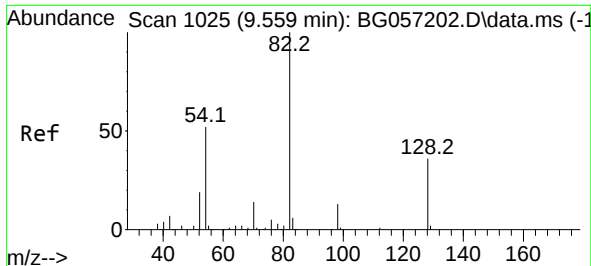
Tgt Ion: 99 Resp: 182246
Ion Ratio Lower Upper
99 100
42 15.7 15.1 22.7
71 37.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 1303
Delta R.T. -0.008 min
Lab File: BG057538.D
Acq: 24 May 2023 17:29

Tgt Ion:136 Resp: 72943
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 6.9 6.7 10.1
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 64.122 ng

RT: 9.538 min Scan# 1021

Delta R.T. -0.008 min

Lab File: BG057538.D

Acq: 24 May 2023 17:29

Instrument :

BNA_G

ClientSampleId :

TP19

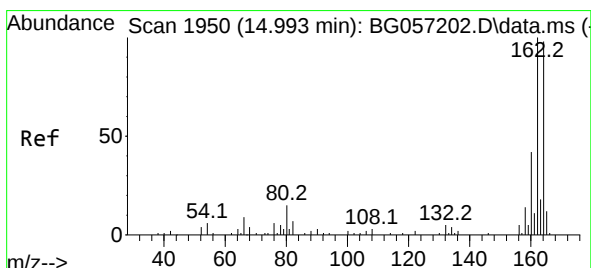
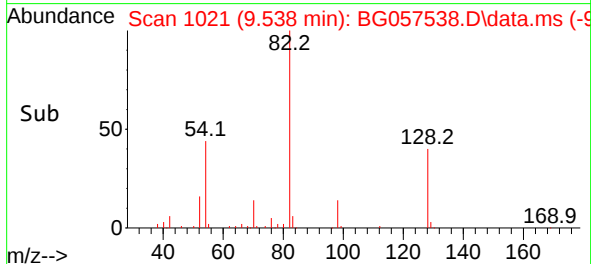
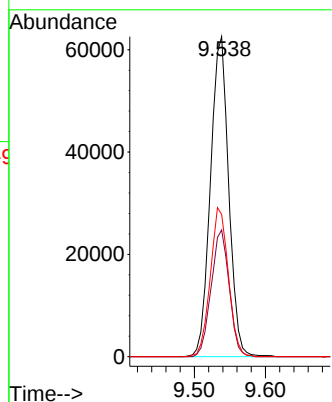
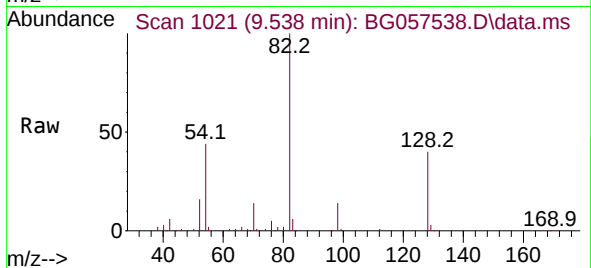
Tgt Ion: 82 Resp: 111441

Ion Ratio Lower Upper

82 100

128 39.6 29.0 43.4

54 44.4 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.972 min Scan# 1946

Delta R.T. -0.008 min

Lab File: BG057538.D

Acq: 24 May 2023 17:29

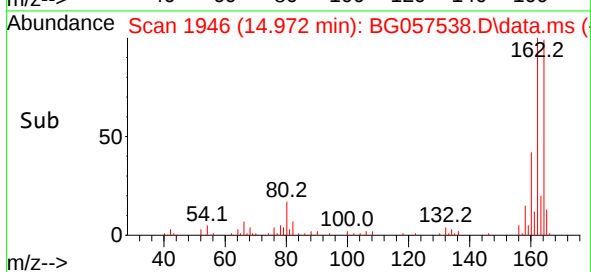
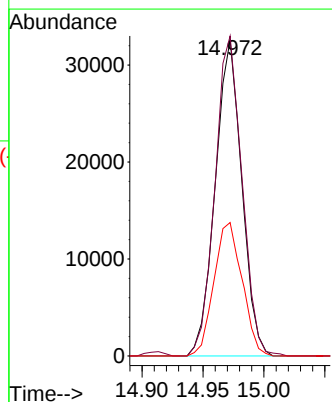
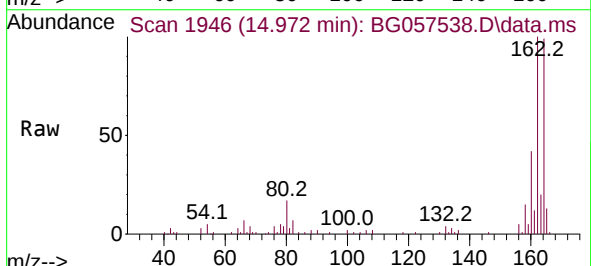
Tgt Ion: 164 Resp: 49262

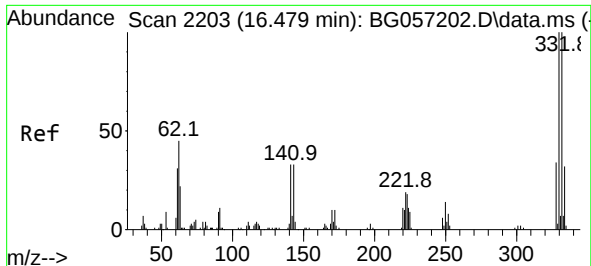
Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

160 42.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 130.262 ng

RT: 16.458 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057538.D

Acq: 24 May 2023 17:29

Instrument :

BNA_G

ClientSampleId :

TP19

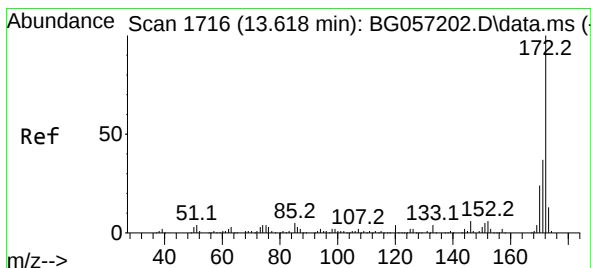
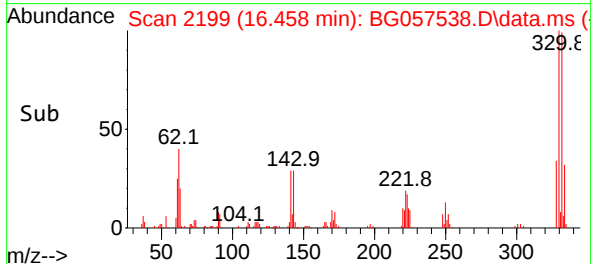
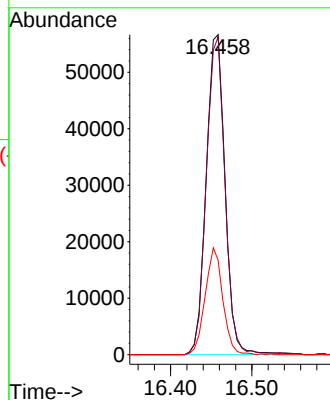
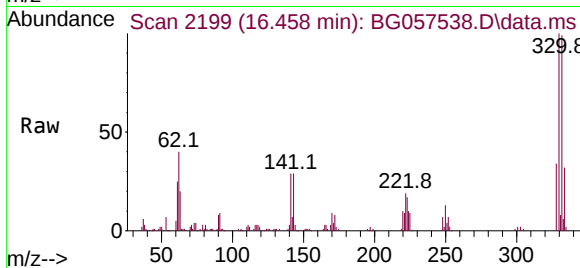
Tgt Ion:330 Resp: 91050

Ion Ratio Lower Upper

330 100

332 98.8 78.2 117.2

141 31.3 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 70.670 ng

RT: 13.592 min Scan# 1711

Delta R.T. -0.014 min

Lab File: BG057538.D

Acq: 24 May 2023 17:29

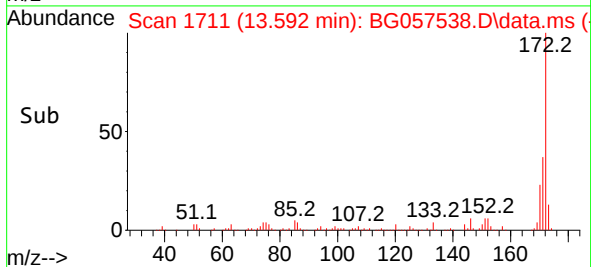
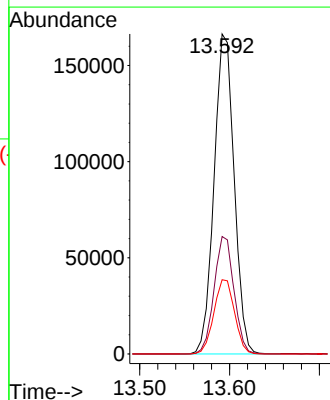
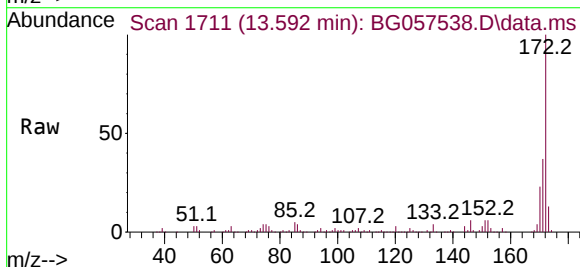
Tgt Ion:172 Resp: 258489

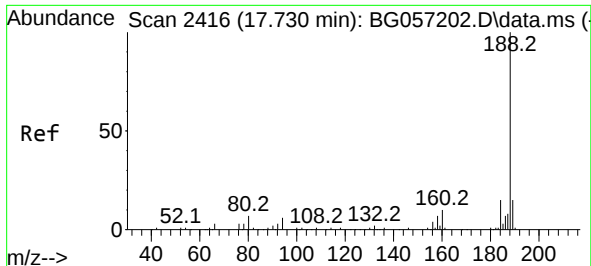
Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

170 23.2 19.0 28.6

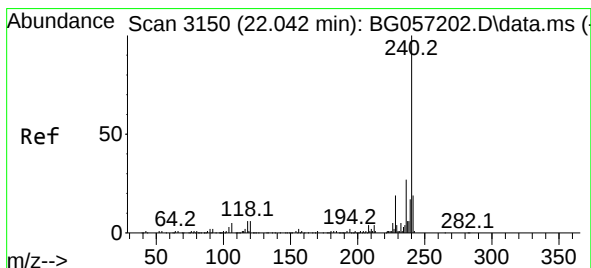
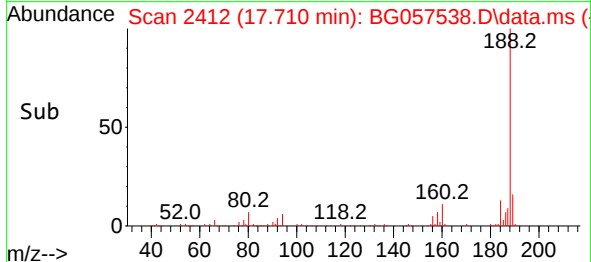
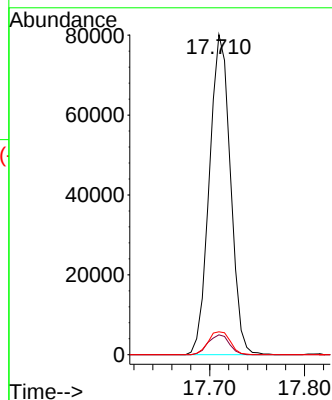
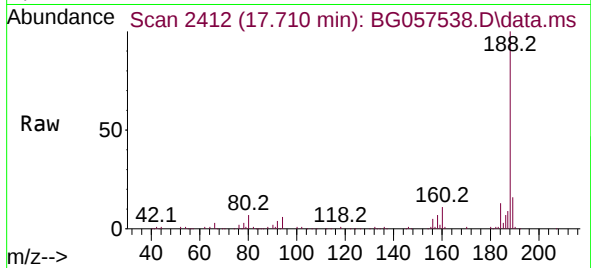




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.710 min Scan# 2416
Delta R.T. -0.014 min
Lab File: BG057538.D
Acq: 24 May 2023 17:29

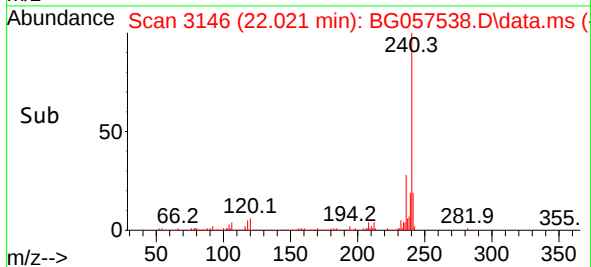
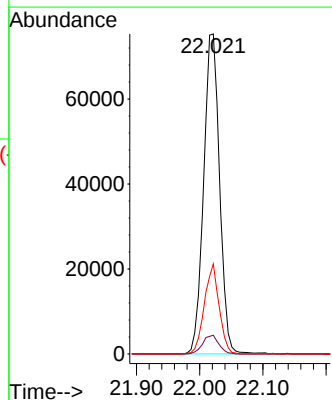
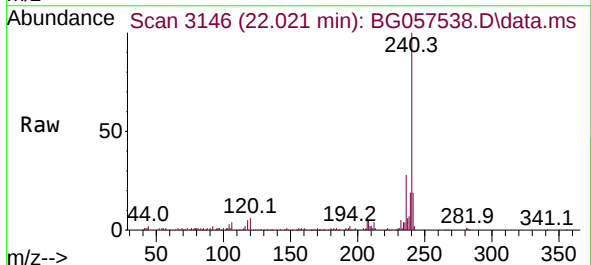
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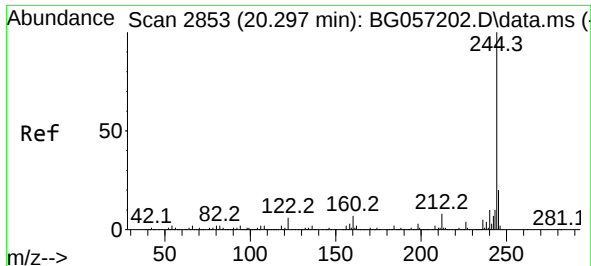
Tgt Ion:188 Resp: 123657
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.1 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3146
Delta R.T. -0.014 min
Lab File: BG057538.D
Acq: 24 May 2023 17:29

Tgt Ion:240 Resp: 132393
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 28.1 21.4 32.2

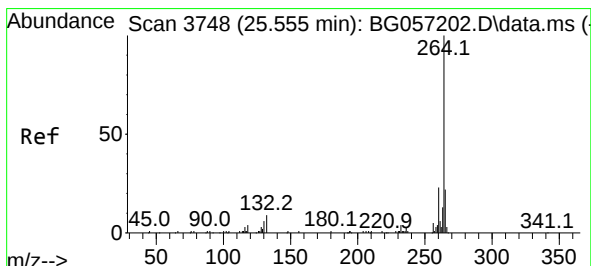
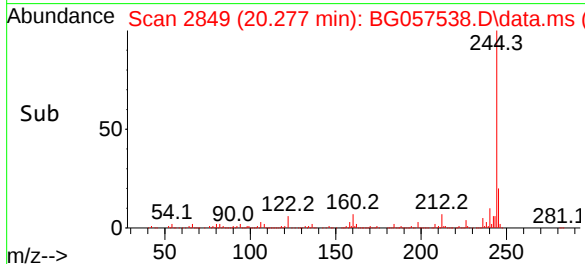
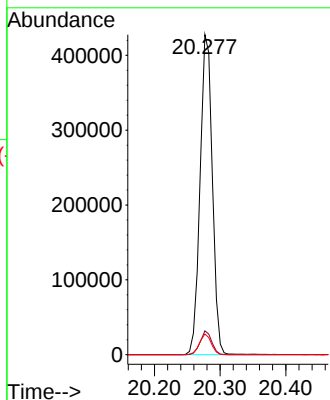
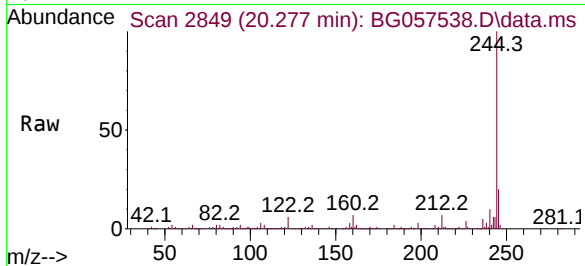




#79
 Terphenyl-d14
 Concen: 68.704 ng
 RT: 20.277 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG057538.D
 Acq: 24 May 2023 17:29

Instrument :
 BNA_G
 ClientSampleId :
 TP19

Tgt Ion:244 Resp: 557374
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.4 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.523 min Scan# 3742
 Delta R.T. -0.020 min
 Lab File: BG057538.D
 Acq: 24 May 2023 17:29

Tgt Ion:264 Resp: 139706
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.3 17.9 26.9

