

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057551.D
 Acq On : 25 May 2023 2:28
 Operator : CG/JU
 Sample : 02899-08 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB14

Quant Time: May 25 03:47:48 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	8.361	152	24445	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	95207	20.000	ng	-0.01
39) Acenaphthene-d10	14.976	164	67856	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	146784	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	120707	20.000	ng	-0.02
86) Perylene-d12	25.532	264	129868	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	9860	6.900	ng	0.00
7) Phenol-d6	7.509	99	15478	7.133	ng	0.00
23) Nitrobenzene-d5	9.536	82	10030	4.422	ng	-0.01
42) 2,4,6-Tribromophenol	16.462	330	6399	6.646	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	24330	4.829	ng	-0.01
79) Terphenyl-d14	20.280	244	36542	4.940	ng	-0.01

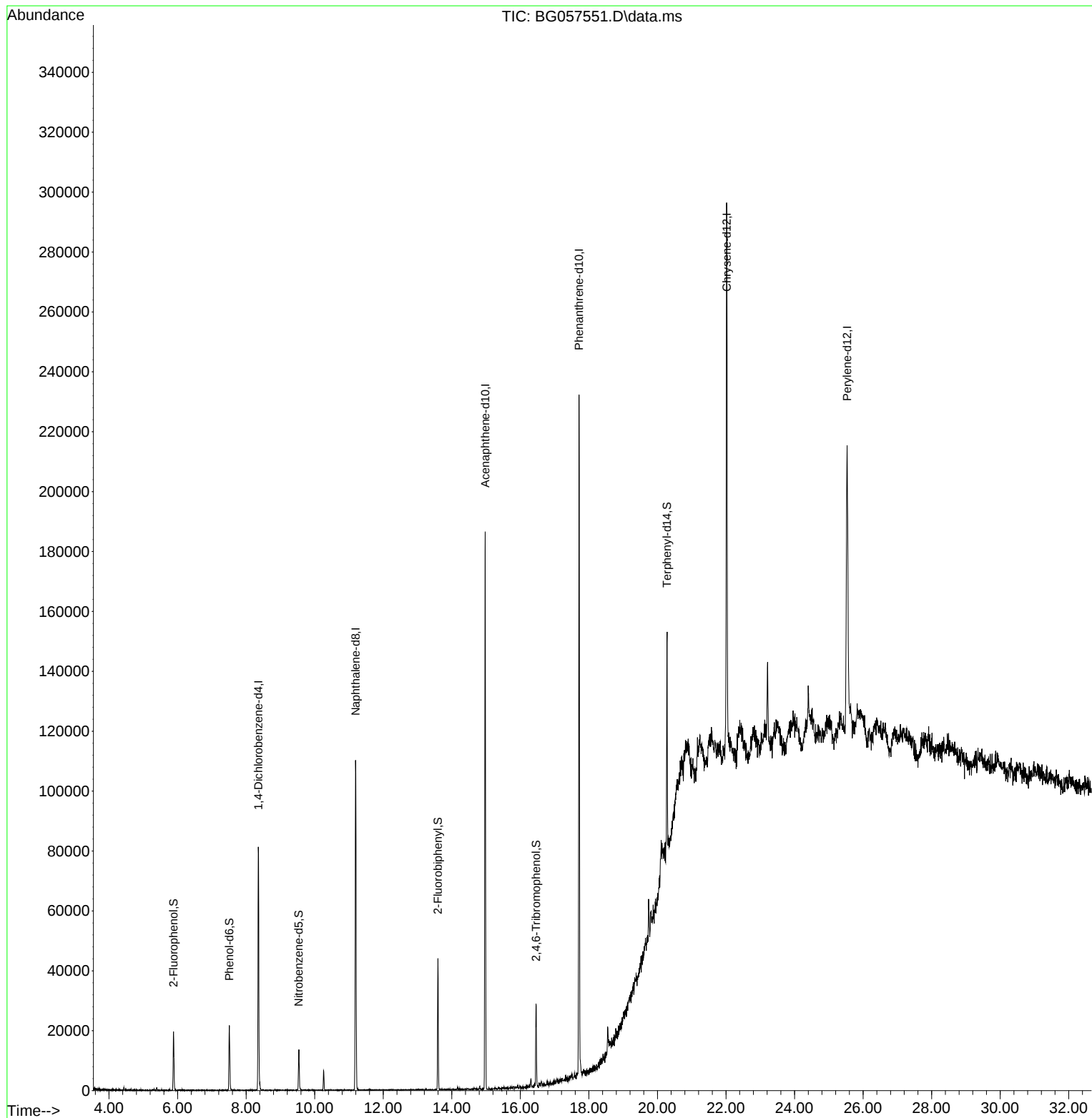
Target Compounds	Qvalue

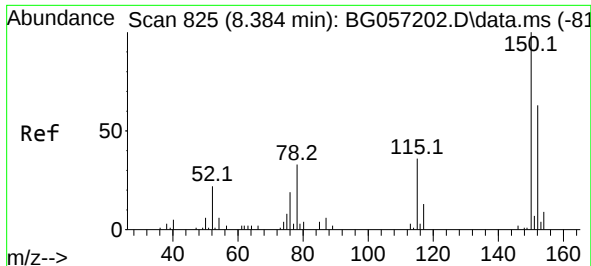
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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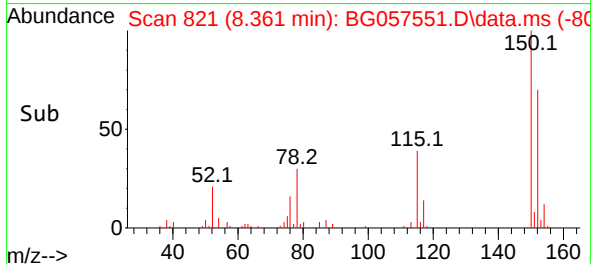
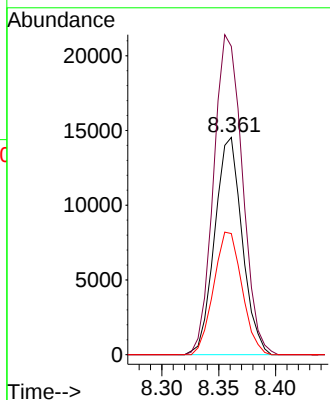
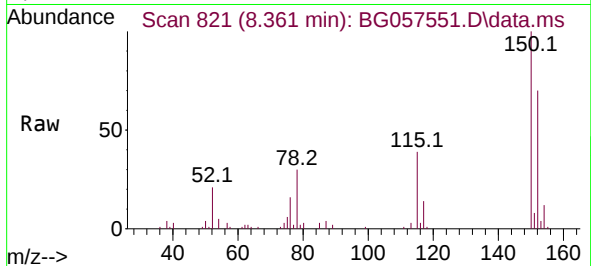




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

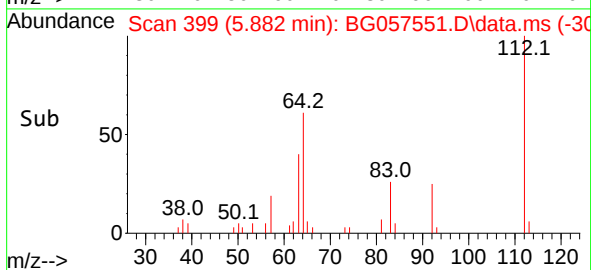
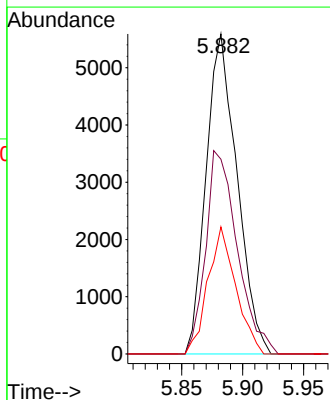
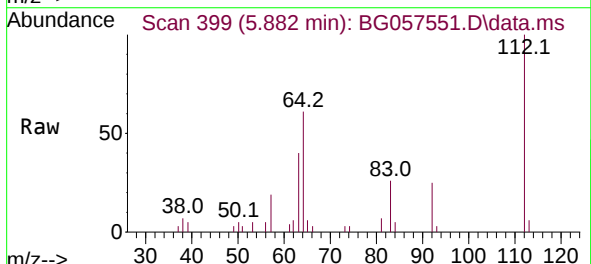
Instrument :
BNA_G
ClientSampleId :
SB14

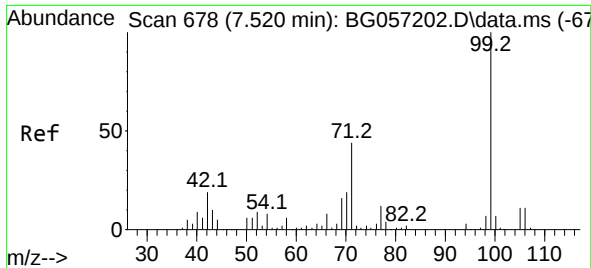
Tgt Ion:152 Resp: 24445
Ion Ratio Lower Upper
152 100
150 141.9 126.2 189.4
115 55.7 45.0 67.4



#5
2-Fluorophenol
Concen: 6.900 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.007 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

Tgt Ion:112 Resp: 9860
Ion Ratio Lower Upper
112 100
64 60.8 49.4 74.2
63 39.7 31.6 47.4

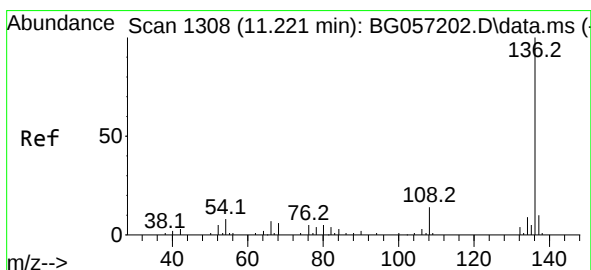
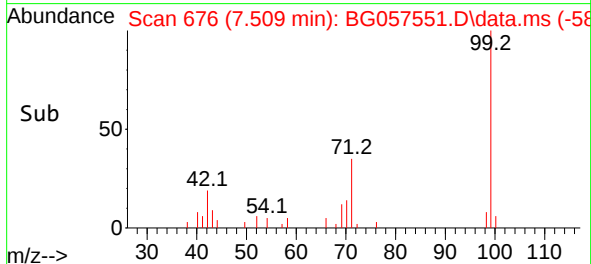
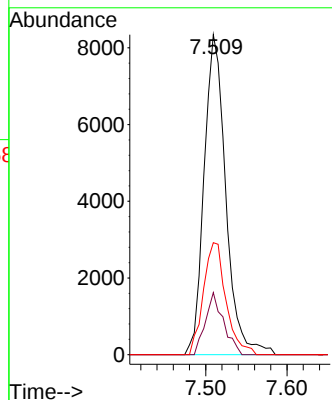
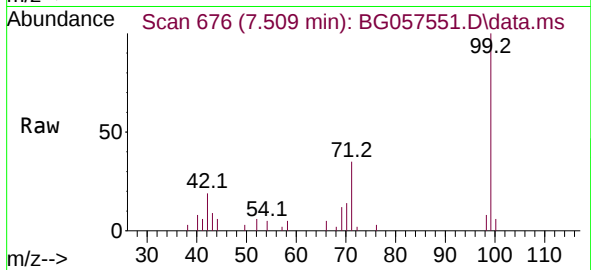




#7
Phenol-d6
Concen: 7.133 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

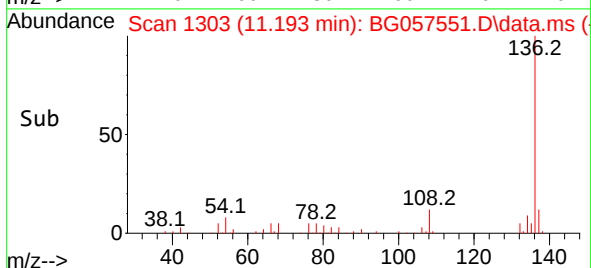
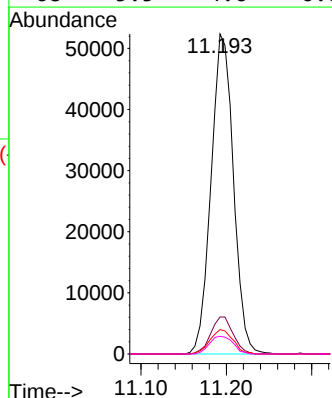
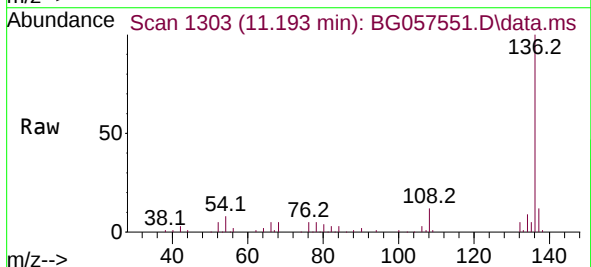
Instrument :
BNA_G
ClientSampleId :
SB14

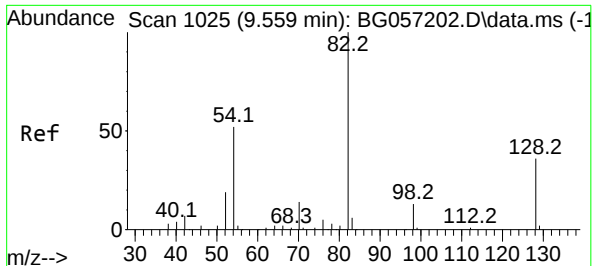
Tgt Ion: 99 Resp: 15478
Ion Ratio Lower Upper
99 100
42 19.4 15.1 22.7
71 35.0 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1303
Delta R.T. -0.010 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

Tgt Ion: 136 Resp: 95207
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 7.6 6.7 10.1
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 4.422 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.011 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

Instrument :

BNA_G

ClientSampleId :

SB14

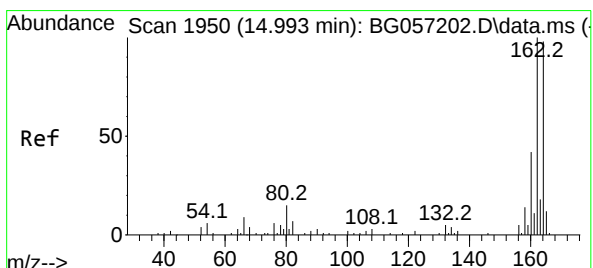
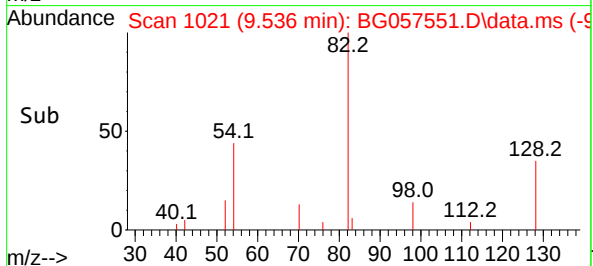
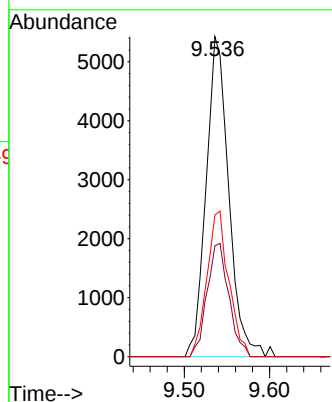
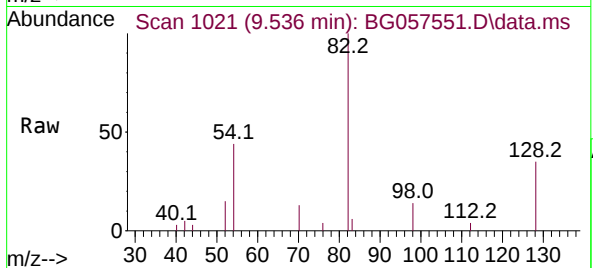
Tgt Ion: 82 Resp: 10030

Ion Ratio Lower Upper

82 100

128 34.6 29.0 43.4

54 44.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

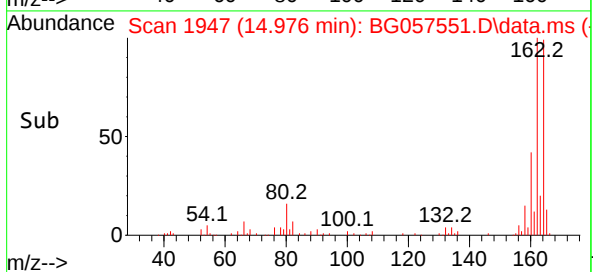
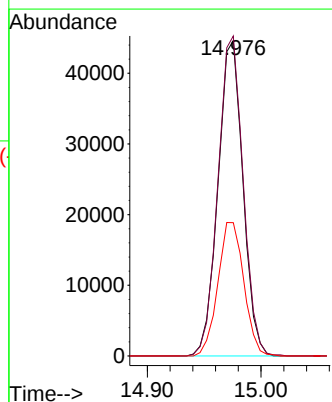
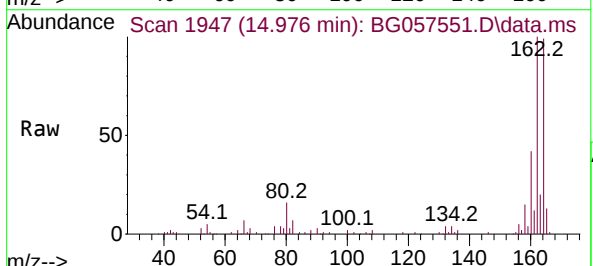
Tgt Ion:164 Resp: 67856

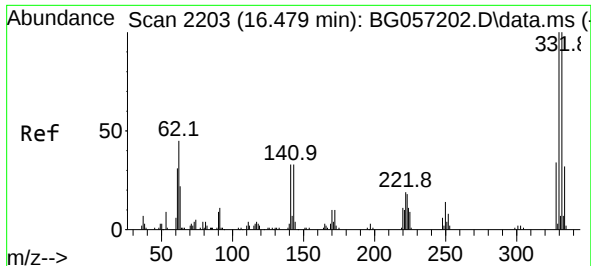
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 42.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 6.646 ng

RT: 16.462 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

Instrument :

BNA_G

ClientSampleId :

SB14

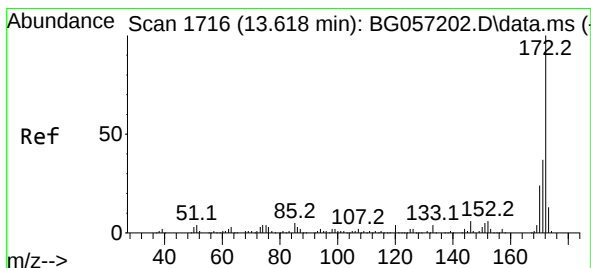
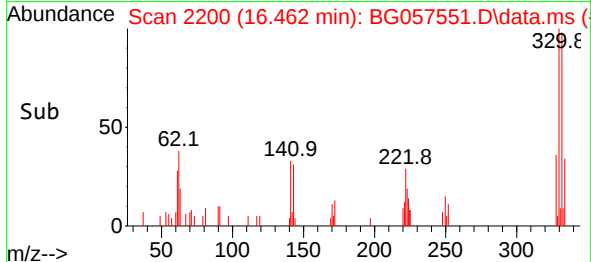
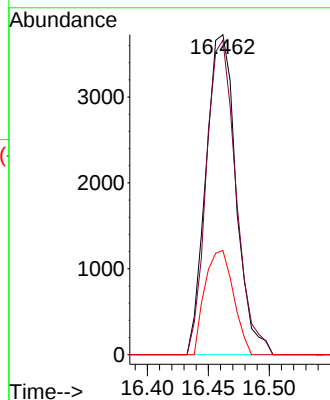
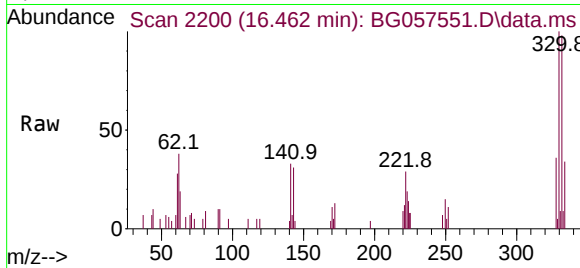
Tgt Ion:330 Resp: 6399

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.2

141 30.7 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 4.829 ng

RT: 13.595 min Scan# 1712

Delta R.T. -0.011 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

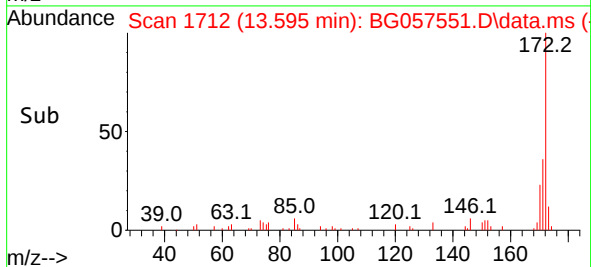
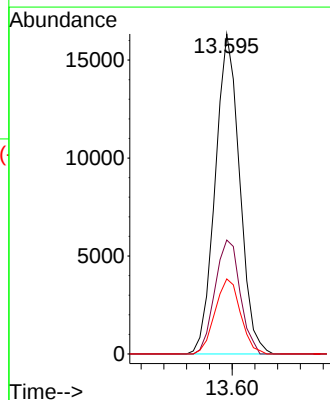
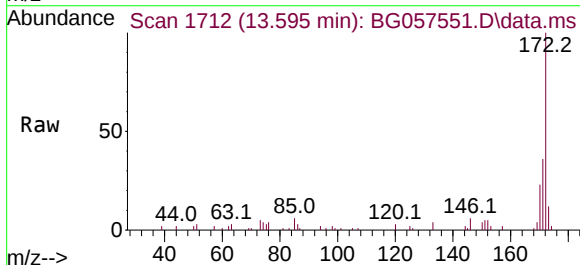
Tgt Ion:172 Resp: 24330

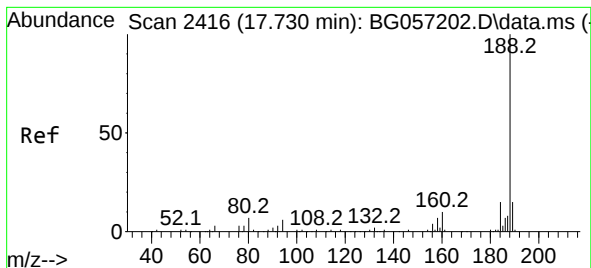
Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2416

Delta R.T. -0.011 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

Instrument :

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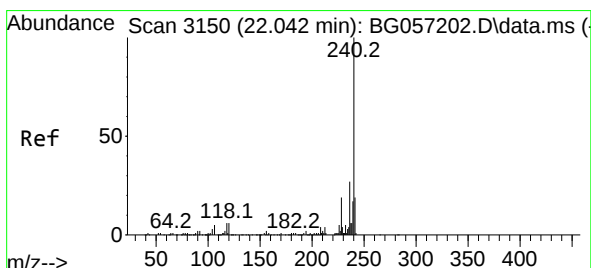
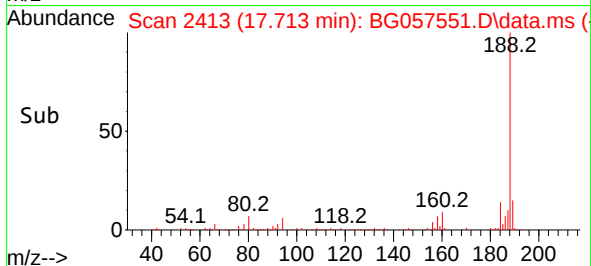
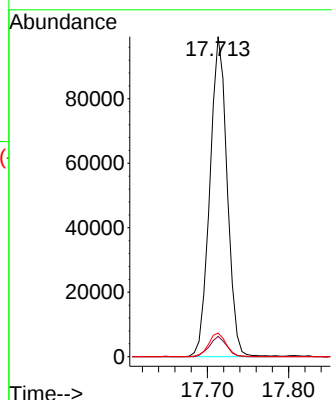
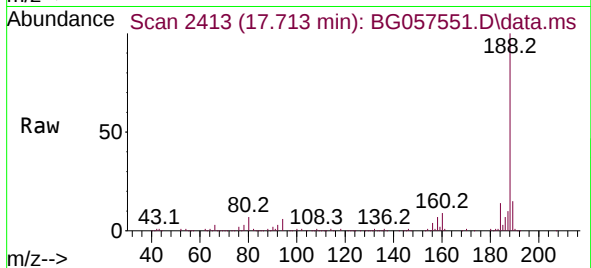
Tgt Ion:188 Resp: 146784

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 7.3 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3146

Delta R.T. -0.016 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

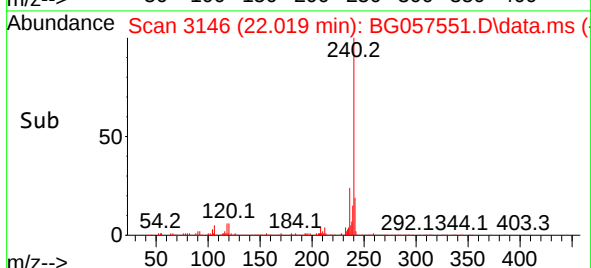
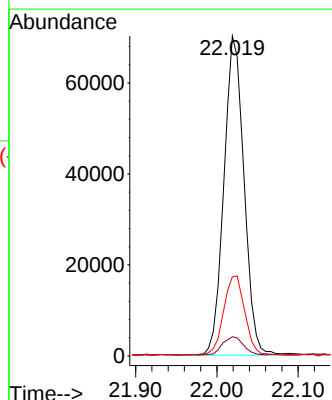
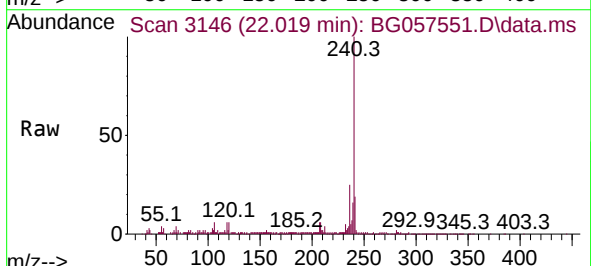
Tgt Ion:240 Resp: 120707

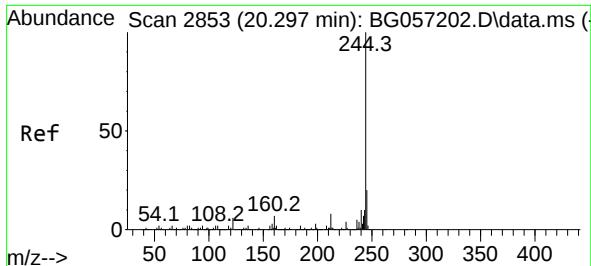
Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

236 24.7 21.4 32.2

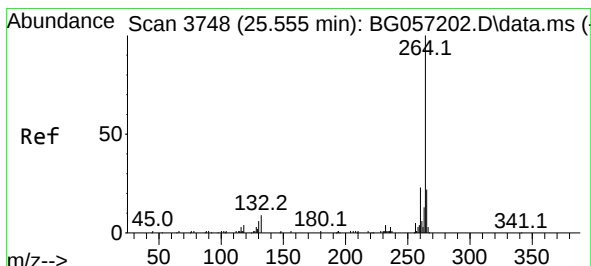
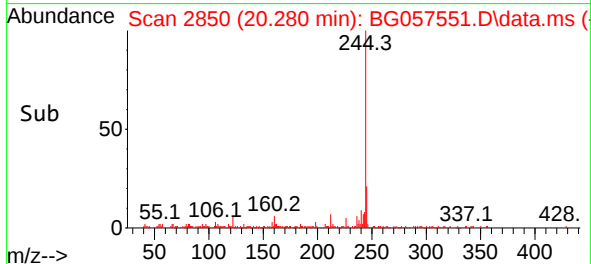
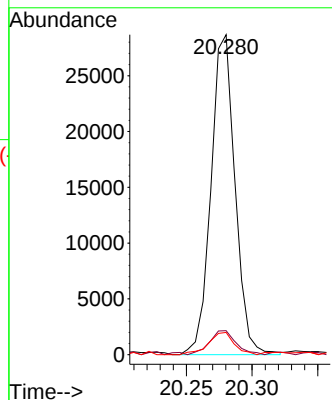
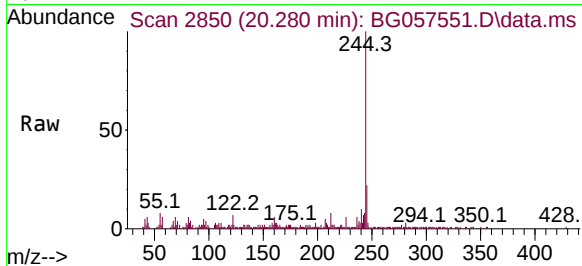




#79
 Terphenyl-d14
 Concen: 4.940 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057551.D
 Acq: 25 May 2023 2:28

Instrument :
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 ClientSampleId :
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Tgt Ion:	244	Resp:	36542
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	6.9	5.1	7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.532 min Scan# 3744
 Delta R.T. -0.011 min
 Lab File: BG057551.D
 Acq: 25 May 2023 2:28

Tgt Ion:	264	Resp:	129868
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.8	28.2
265	23.4	17.9	26.9

