

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053577.D
 Acq On : 16 May 2022 21:34
 Operator : CG/JU
 Sample : N2829-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051222

Quant Time: May 17 05:21:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

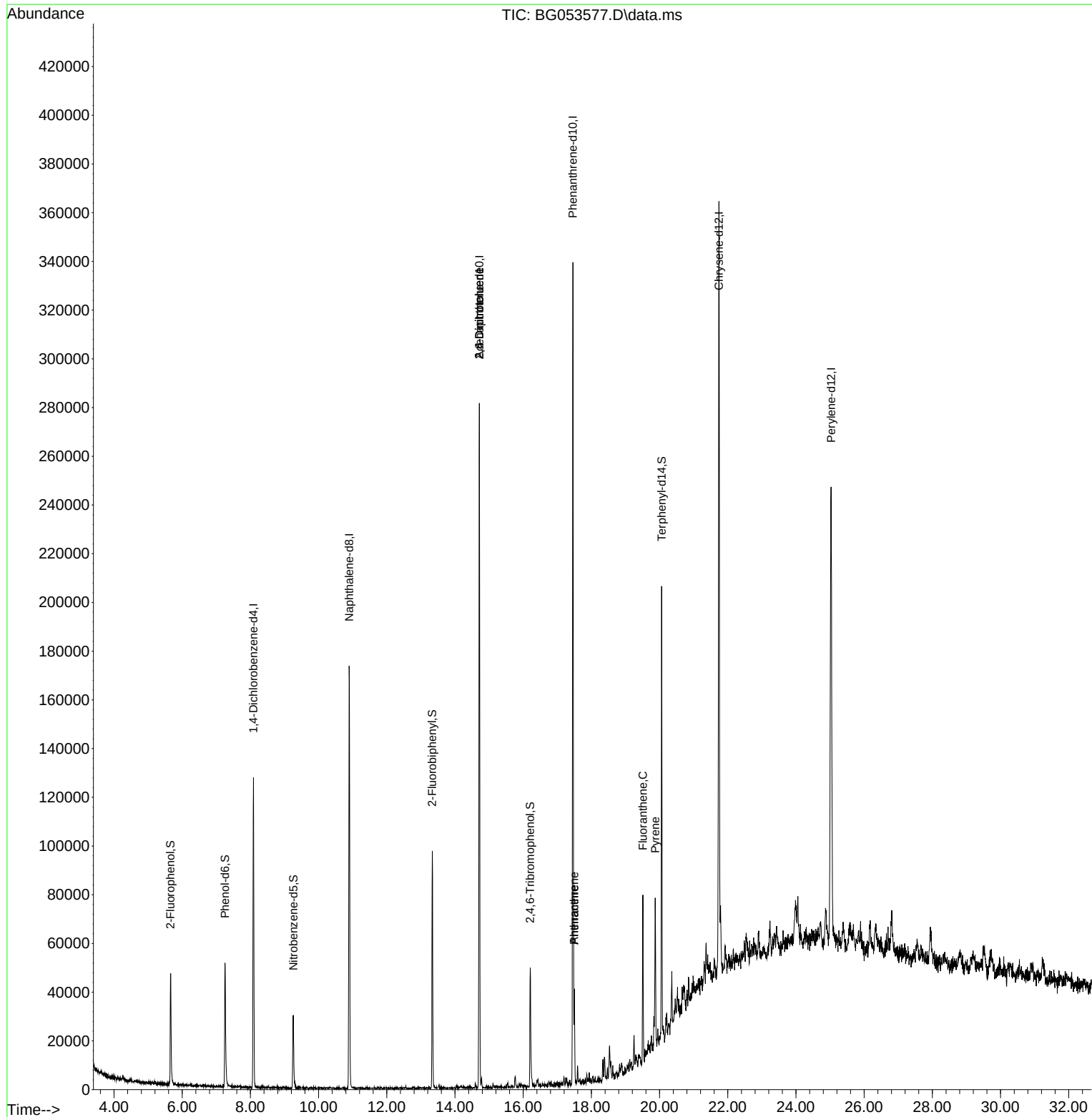
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	34666	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	142555	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	104144	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	218638	20.000	ng	0.00
76) Chrysene-d12	21.740	240	203073	20.000	ng	0.00
86) Perylene-d12	25.030	264	206064	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	22420	10.976	ng	0.00
7) Phenol-d6	7.254	99	34523	11.136	ng	0.00
23) Nitrobenzene-d5	9.257	82	23232	6.937	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	12832	8.354	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	55950	7.851	ng	0.00
79) Terphenyl-d14	20.060	244	88407	8.108	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.714	165	13053	8.096	ng	# 17
57) 2,4-Dinitrotoluene	14.714	165	13053	5.585	ng	# 23
71) Phenanthrene	17.499	178	24654	2.218	ng	97
72) Anthracene	17.499	178	24654	2.256	ng	97
75) Fluoranthene	19.508	202	43090	2.993	ng	97
78) Pyrene	19.872	202	41566	3.162	ng	99

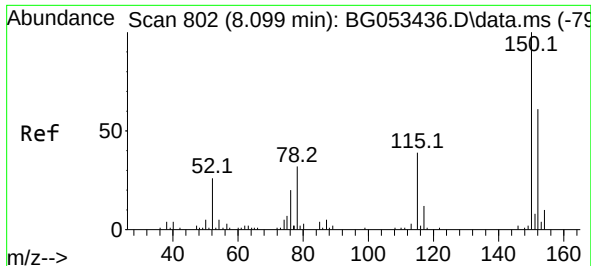
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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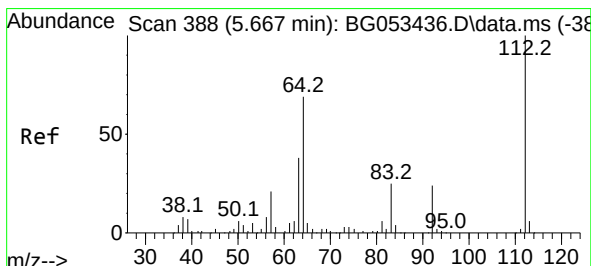
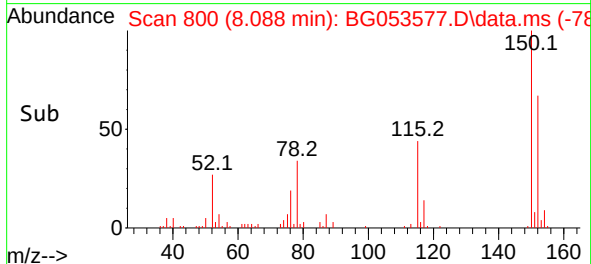
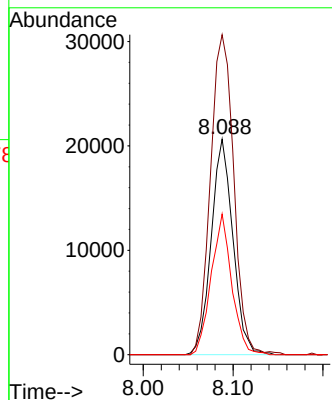
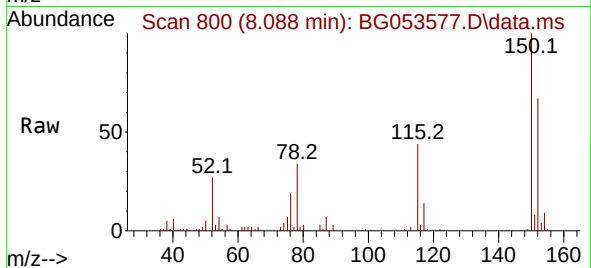




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

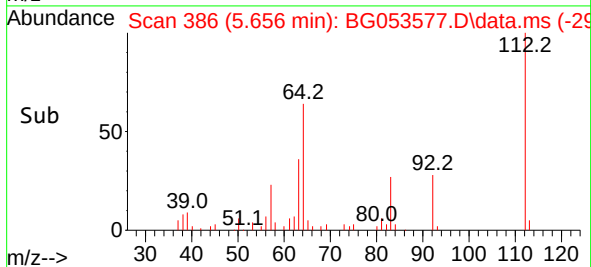
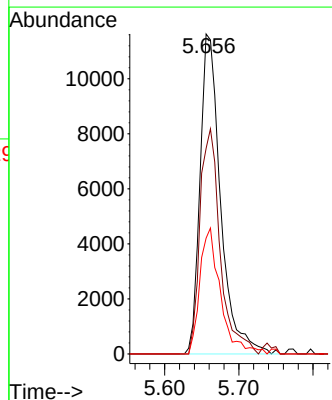
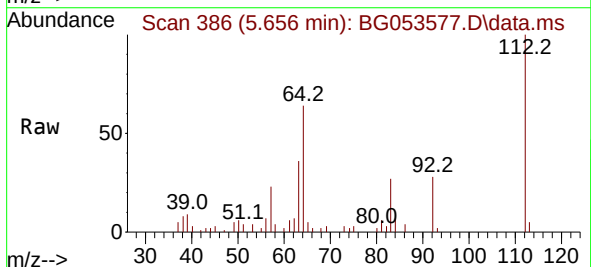
Instrument :
BNA_G
ClientSampleId :
OK-02-051222

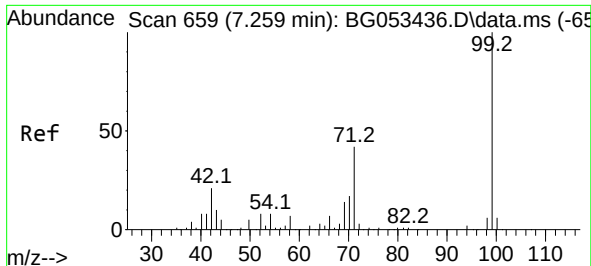
Tgt Ion:152 Resp: 34666
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 65.3 50.9 76.3



#5
2-Fluorophenol
Concen: 10.976 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

Tgt Ion:112 Resp: 22420
Ion Ratio Lower Upper
112 100
64 64.2 55.1 82.7
63 36.2 30.4 45.6

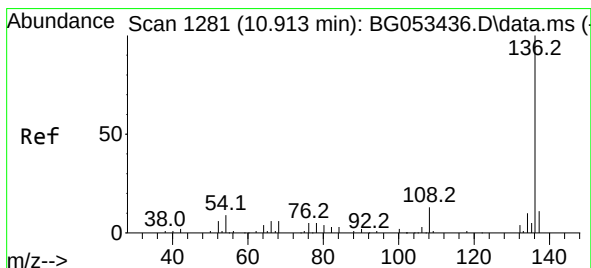
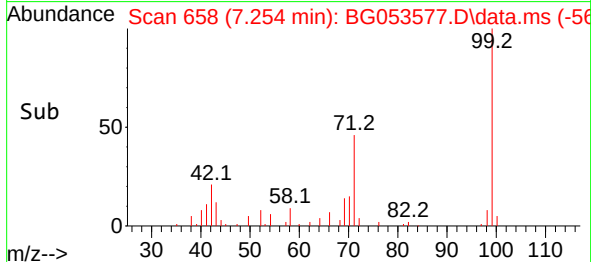
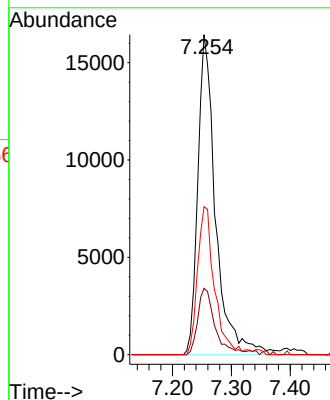
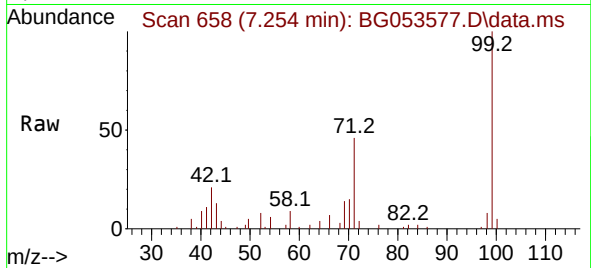




#7
Phenol-d6
Concen: 11.136 ng
RT: 7.254 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

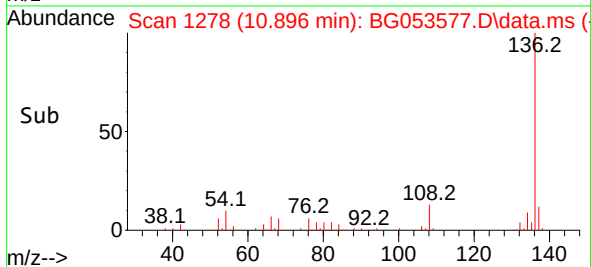
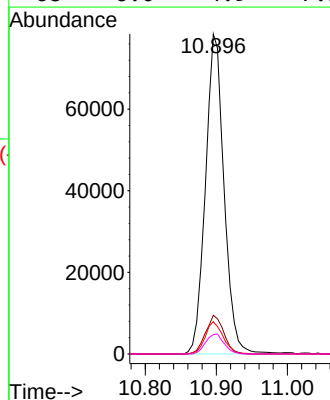
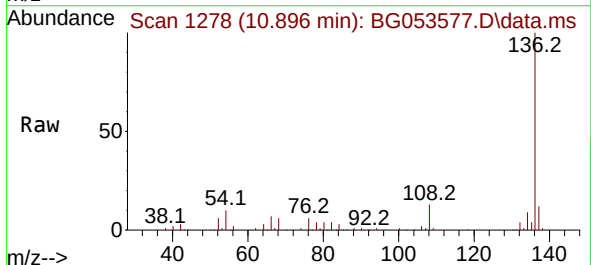
Instrument :
BNA_G
ClientSampleId :
OK-02-051222

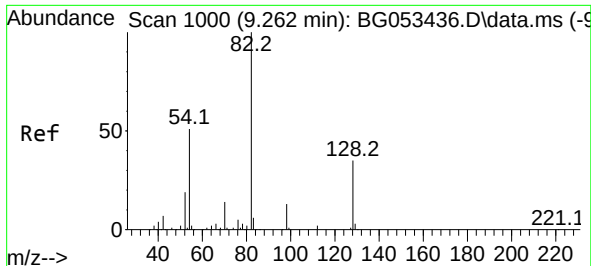
Tgt Ion: 99 Resp: 34523
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 46.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

Tgt Ion: 136 Resp: 142555
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 10.1 7.4 11.2
68 6.0 4.9 7.3

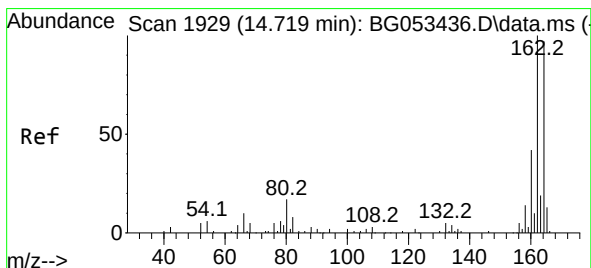
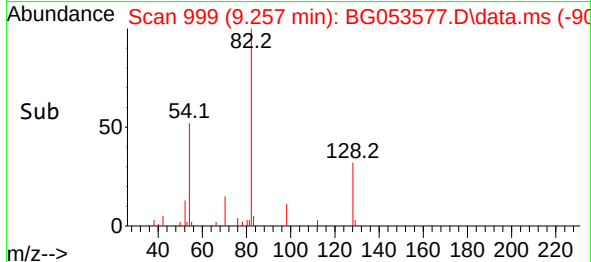
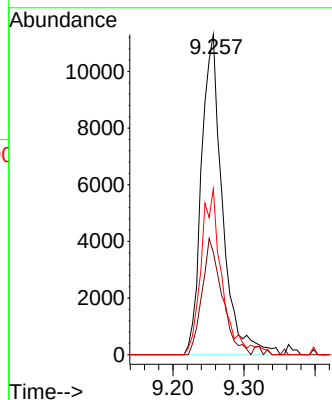
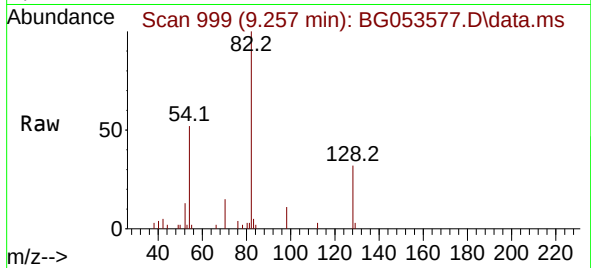




#23
Nitrobenzene-d5
Concen: 6.937 ng
RT: 9.257 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

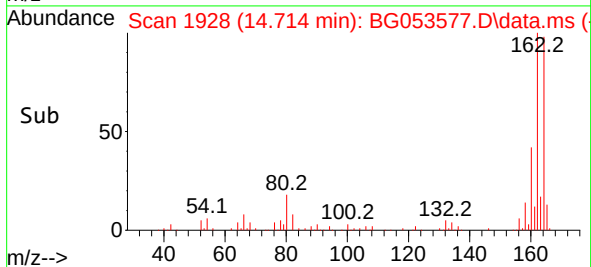
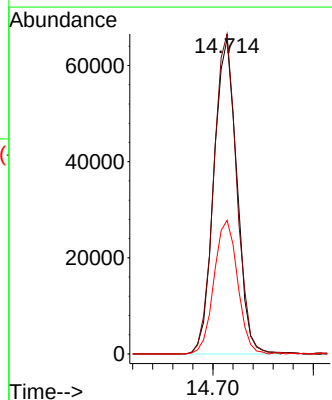
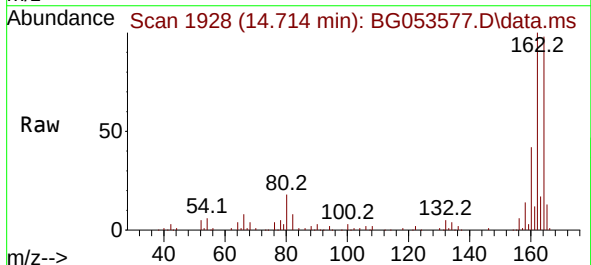
Instrument :
BNA_G
ClientSampleId :
OK-02-051222

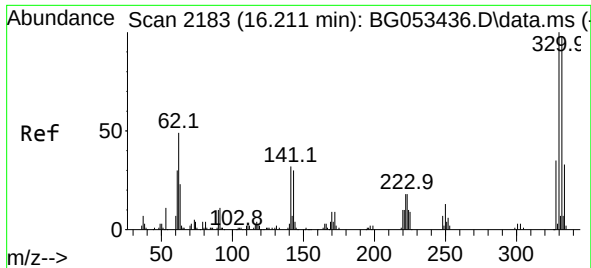
Tgt Ion: 82 Resp: 23232
Ion Ratio Lower Upper
82 100
128 31.9 27.9 41.9
54 51.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

Tgt Ion: 164 Resp: 104144
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 42.4 34.2 51.2

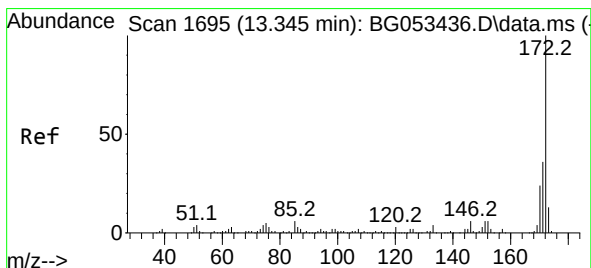
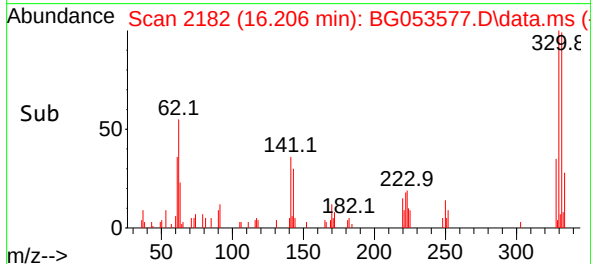
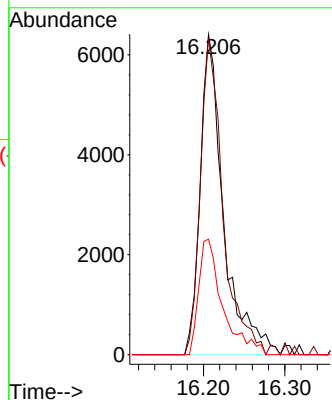
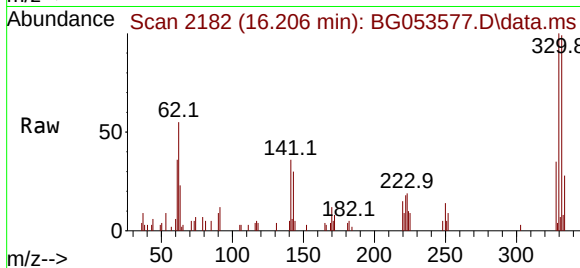




#42
 2,4,6-Tribromophenol
 Concen: 8.354 ng
 RT: 16.206 min Scan# 2183
 Delta R.T. 0.004 min
 Lab File: BG053577.D
 Acq: 16 May 2022 21:34

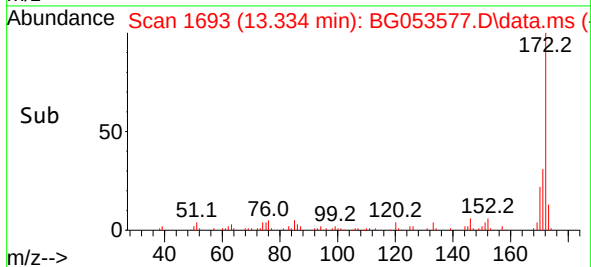
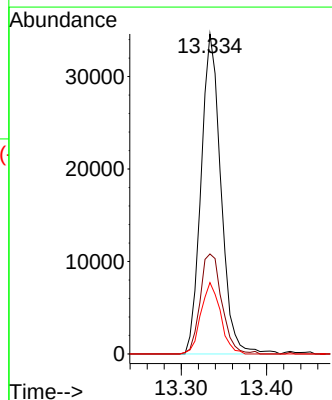
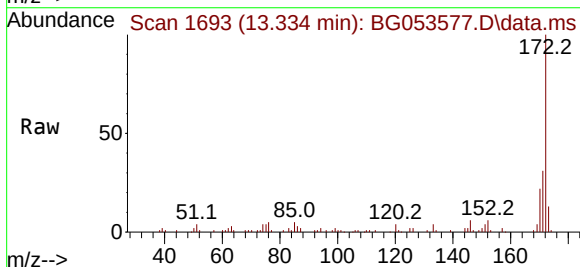
Instrument :
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 ClientSampleId :
 OK-02-051222

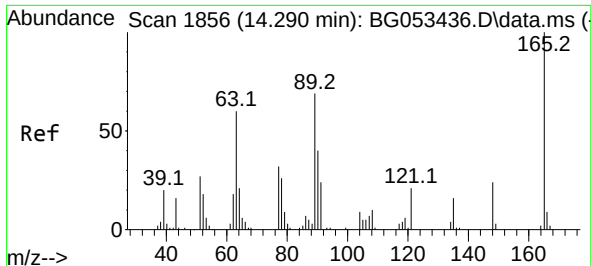
Tgt Ion:330 Resp: 12832
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.0 114.0
 141 36.9 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 7.851 ng
 RT: 13.334 min Scan# 1693
 Delta R.T. -0.002 min
 Lab File: BG053577.D
 Acq: 16 May 2022 21:34

Tgt Ion:172 Resp: 55950
 Ion Ratio Lower Upper
 172 100
 171 31.3 28.5 42.7
 170 22.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.096 ng

RT: 14.714 min Scan# 1928

Delta R.T. 0.433 min

Lab File: BG053577.D

Acq: 16 May 2022 21:34

Instrument :

BNA_G

ClientSampleId :

OK-02-051222

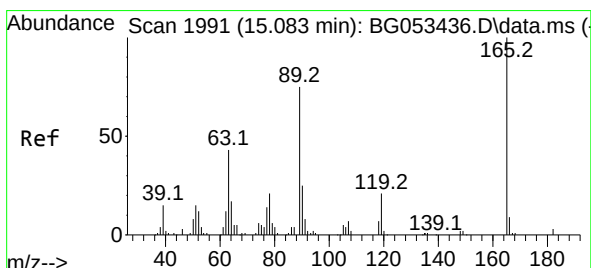
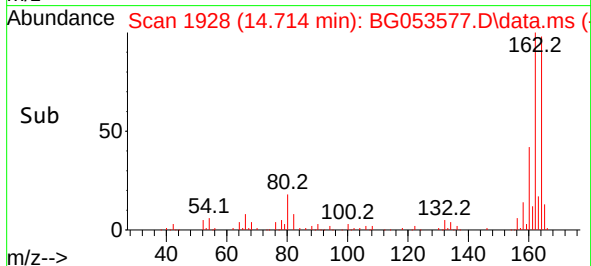
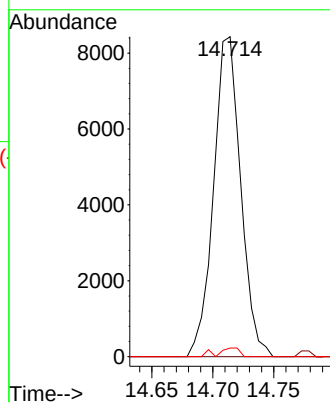
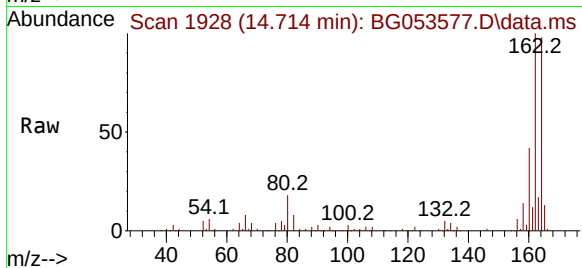
Tgt Ion:165 Resp: 13053

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 2.7 54.8 82.2#



#57

2,4-Dinitrotoluene

Concen: 5.585 ng

RT: 14.714 min Scan# 1928

Delta R.T. -0.360 min

Lab File: BG053577.D

Acq: 16 May 2022 21:34

Tgt Ion:165 Resp: 13053

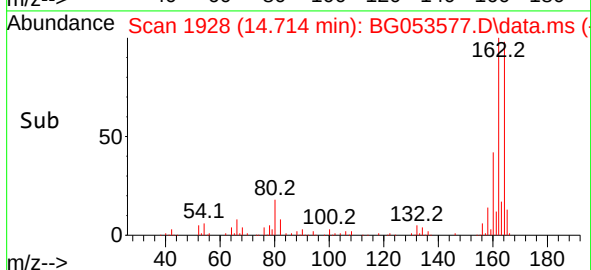
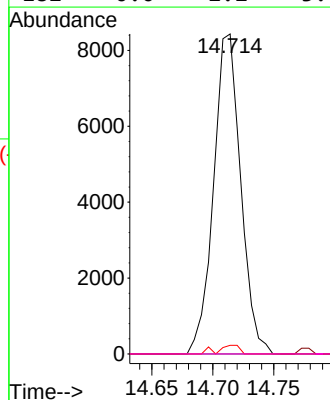
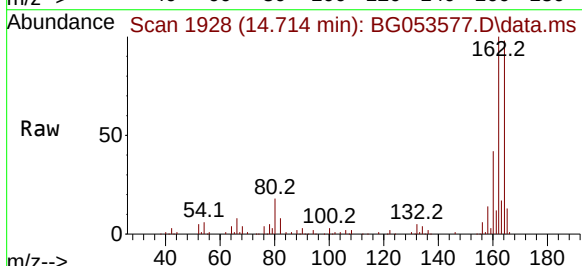
Ion Ratio Lower Upper

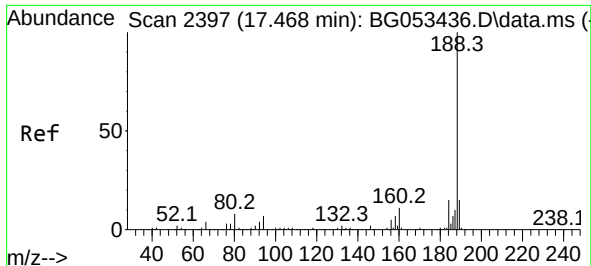
165 100

63 0.0 34.6 52.0#

89 2.7 60.3 90.5#

182 0.0 2.2 3.4#

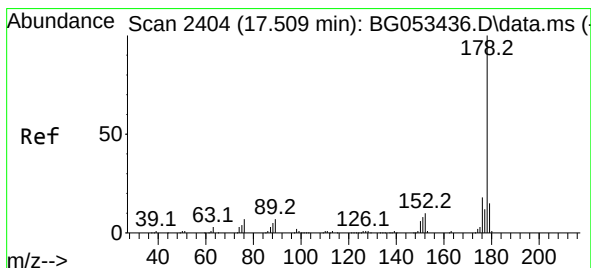
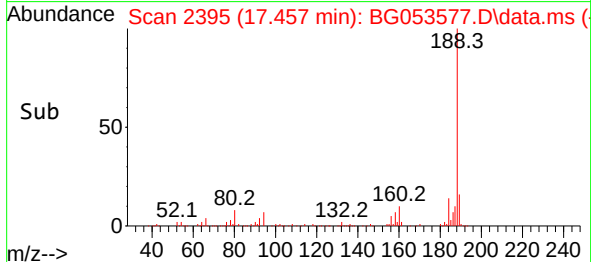
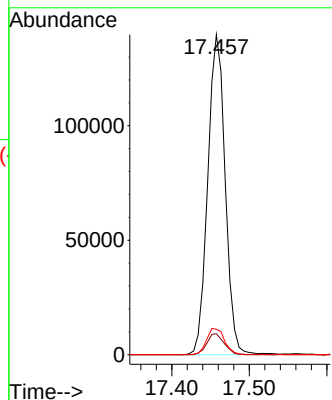
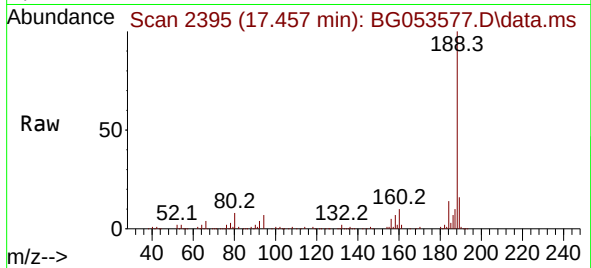




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

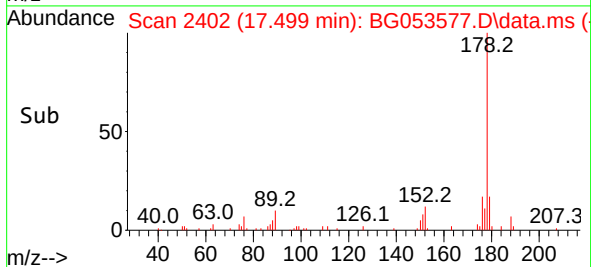
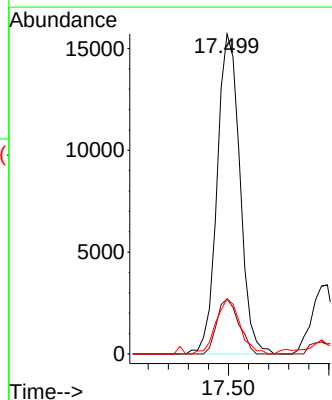
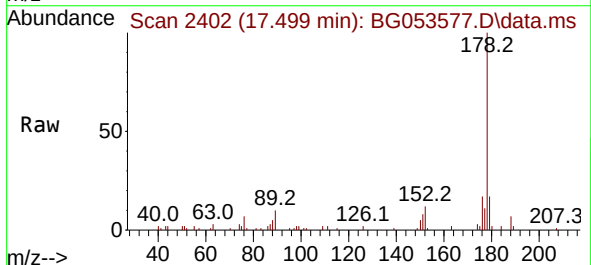
Instrument :
BNA_G
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OK-02-051222

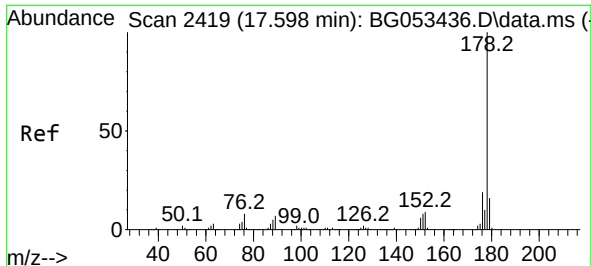
Tgt Ion:188 Resp: 218638
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.0 6.8 10.2



#71
Phenanthrene
Concen: 2.218 ng
RT: 17.499 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG053577.D
Acq: 16 May 2022 21:34

Tgt Ion:178 Resp: 24654
Ion Ratio Lower Upper
178 100
176 17.2 14.1 21.1
179 17.3 12.1 18.1

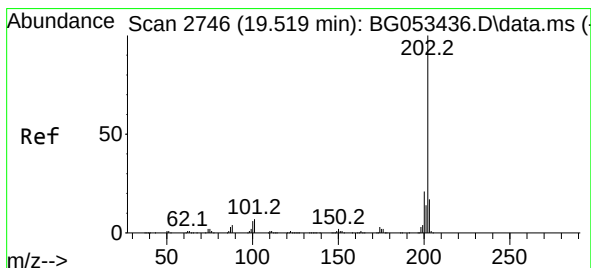
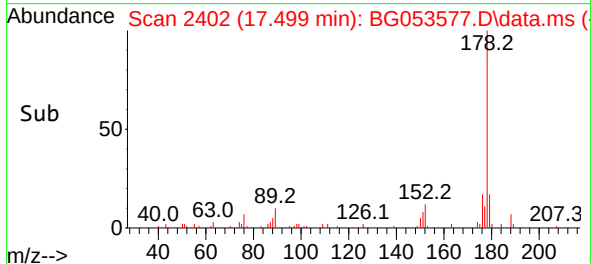
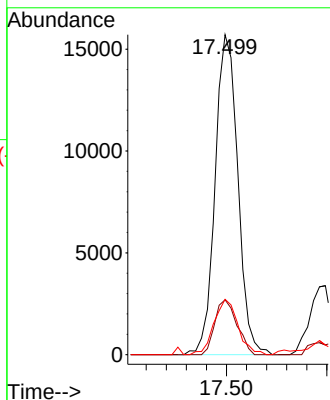
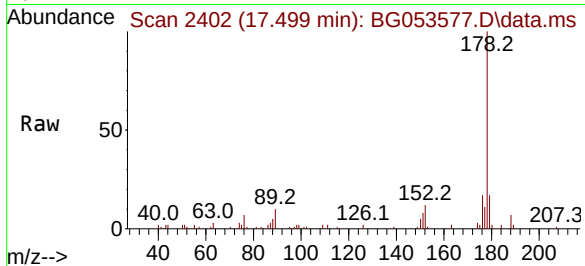




#72
 Anthracene
 Concen: 2.256 ng
 RT: 17.499 min Scan# 2419
 Delta R.T. -0.096 min
 Lab File: BG053577.D
 Acq: 16 May 2022 21:34

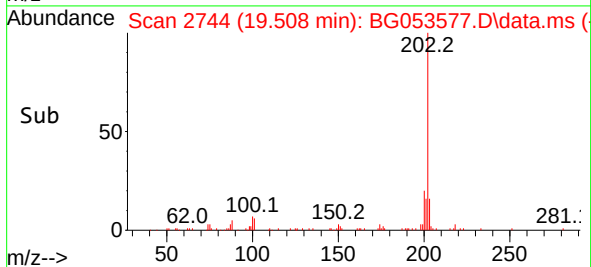
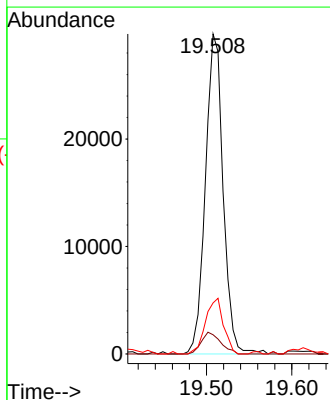
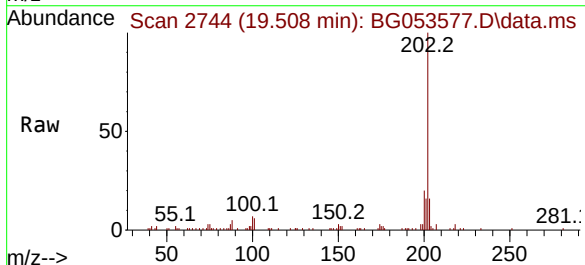
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051222

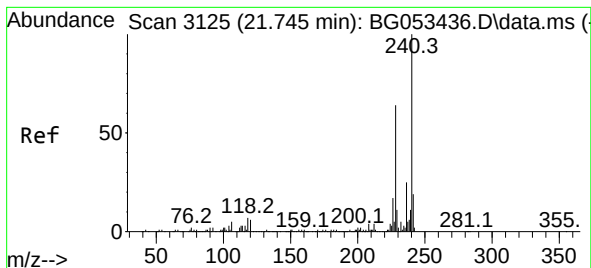
Tgt Ion:178 Resp: 24654
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.2 22.8
 179 17.3 13.0 19.4



#75
 Fluoranthene
 Concen: 2.993 ng
 RT: 19.508 min Scan# 2744
 Delta R.T. -0.002 min
 Lab File: BG053577.D
 Acq: 16 May 2022 21:34

Tgt Ion:202 Resp: 43090
 Ion Ratio Lower Upper
 202 100
 101 6.0 0.0 26.9
 203 16.0 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.740 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053577.D

Acq: 16 May 2022 21:34

Instrument :

BNA_G

ClientSampleId :

OK-02-051222

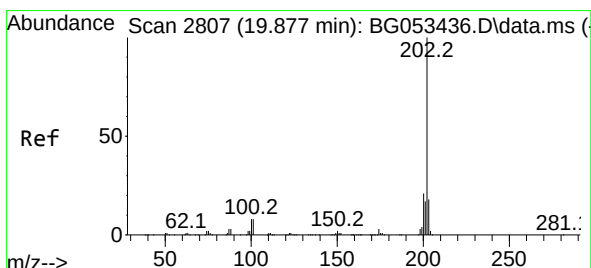
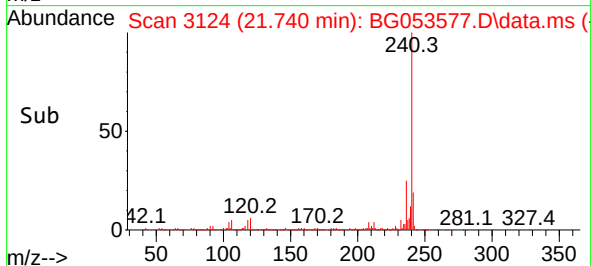
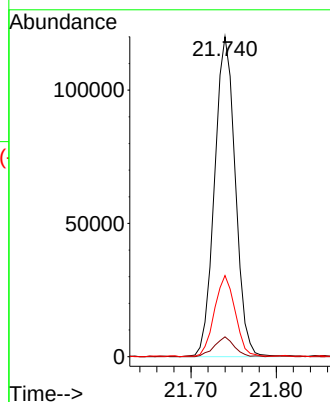
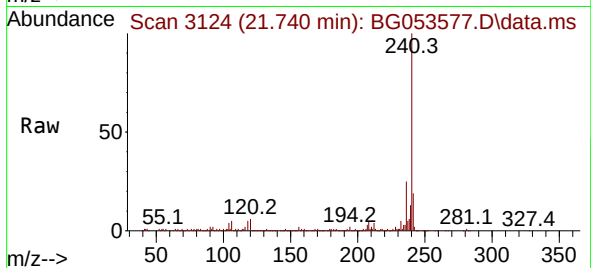
Tgt Ion:240 Resp: 203073

Ion Ratio Lower Upper

240 100

120 6.2 4.6 7.0

236 25.4 20.2 30.4



#78

Pyrene

Concen: 3.162 ng

RT: 19.872 min Scan# 2806

Delta R.T. -0.002 min

Lab File: BG053577.D

Acq: 16 May 2022 21:34

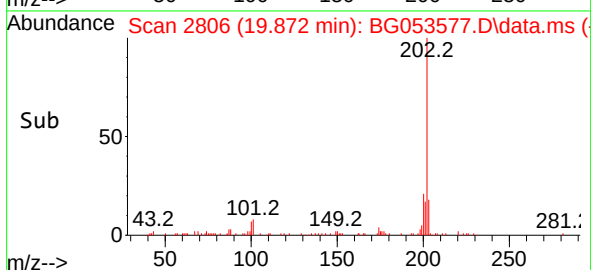
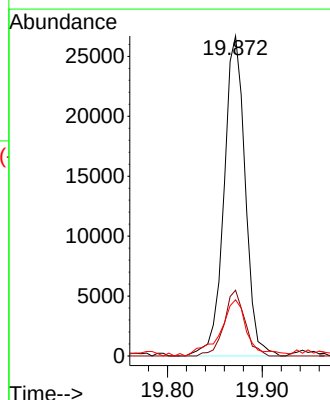
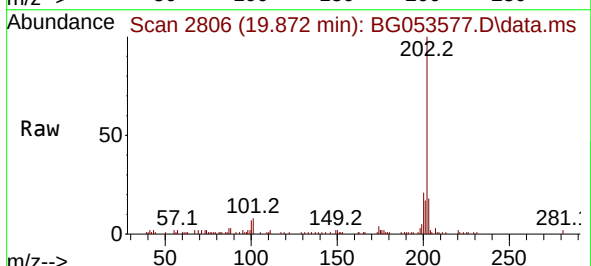
Tgt Ion:202 Resp: 41566

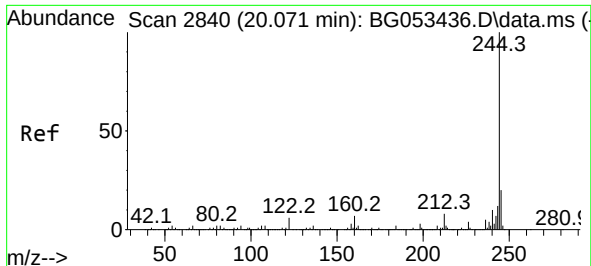
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 17.6 14.6 21.8

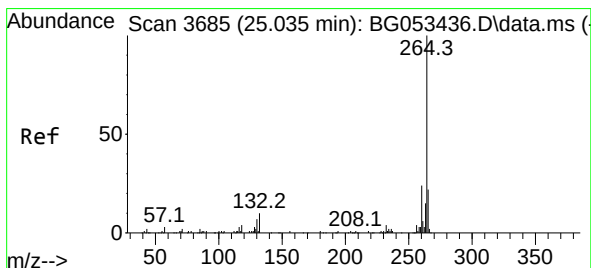
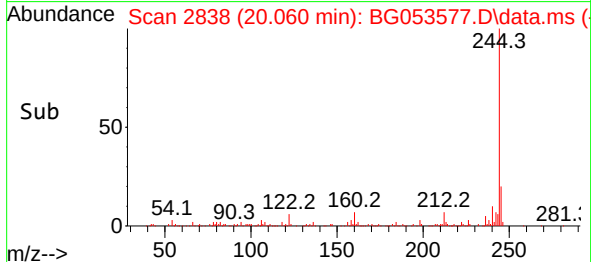
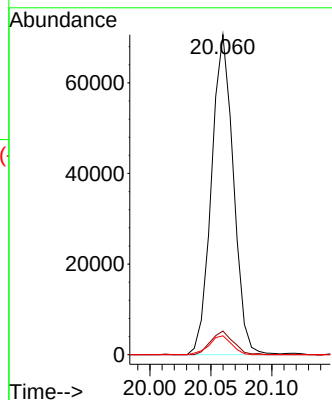
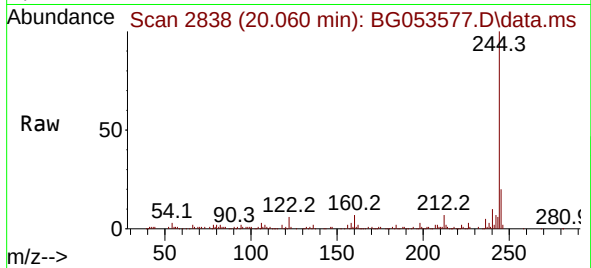




#79
 Terphenyl-d14
 Concen: 8.108 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053577.D
 Acq: 16 May 2022 21:34

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051222

Tgt Ion:244 Resp: 88407
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.030 min Scan# 3684
 Delta R.T. 0.010 min
 Lab File: BG053577.D
 Acq: 16 May 2022 21:34

Tgt Ion:264 Resp: 206064
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.5 17.4 26.2

