

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061053.D
 Acq On : 29 Apr 2024 19:06
 Operator : MA/JU
 Sample : P2230-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:22:08 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)

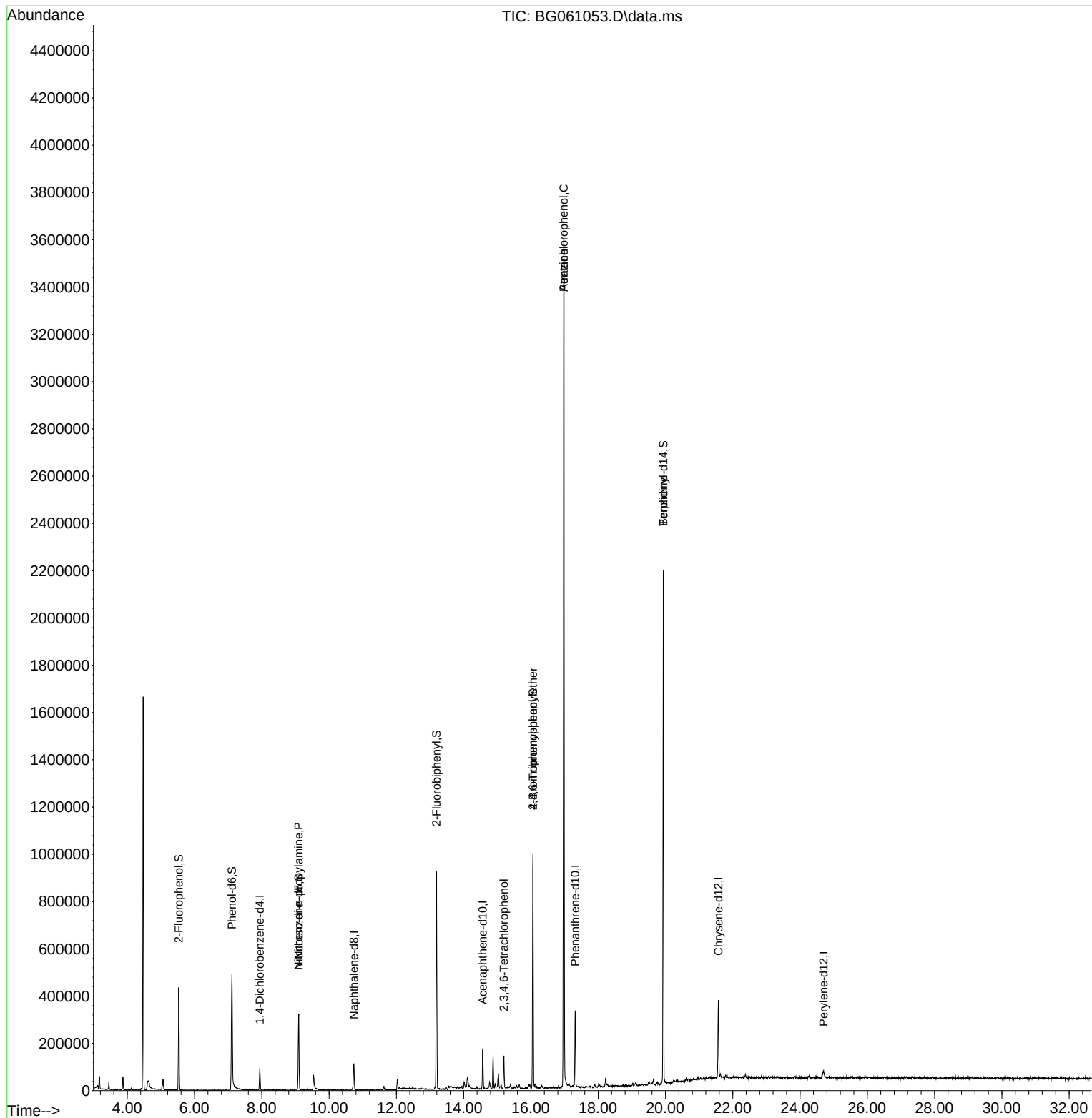
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	22332	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	86939	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	54220	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	199760	20.000	ng	# 0.00
76) Chrysene-d12	21.572	240	185329	20.000	ng	0.00
86) Perylene-d12	24.697	264	24873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	145522	131.808	ng	0.00
7) Phenol-d6	7.112	99	159851	97.583	ng	0.00
23) Nitrobenzene-d5	9.098	82	157248	81.264	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	215489	180.987	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	463395	118.285	ng	0.00
79) Terphenyl-d14	19.938	244	1122015	93.975	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	24761	20.283	ng	# 63
59) 2,3,4,6-Tetrachlorophenol	15.197	232	29812	19.715	ng	97
67) 4-Bromophenyl-phenylether	16.061	248	14210	5.390	ng	# 1
69) Atrazine	16.977	200	138314	67.150	ng	# 39
70) Pentachlorophenol	16.977	266	787235	412.274	ng	97
77) Benzidine	19.938	184	18979	5.527	ng	# 90

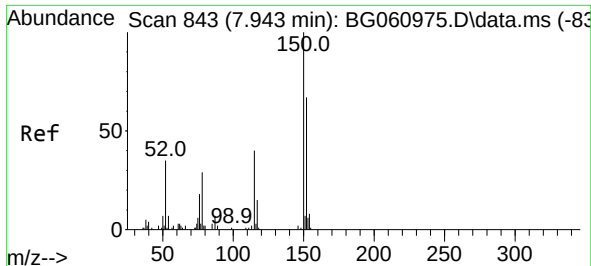
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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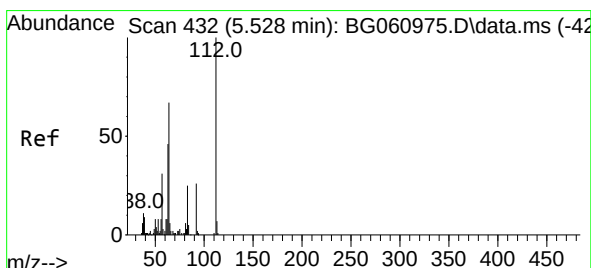
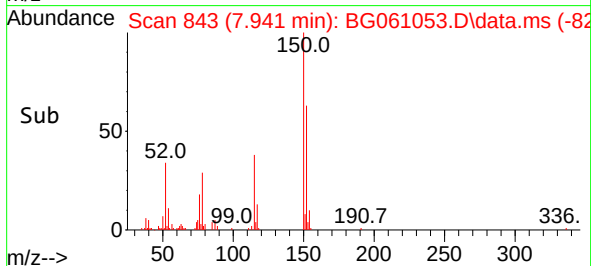
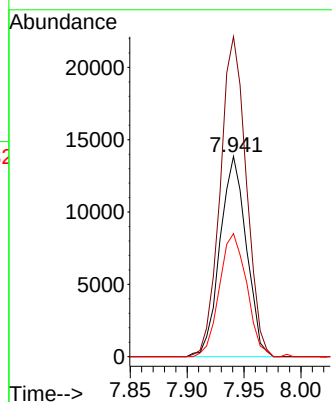
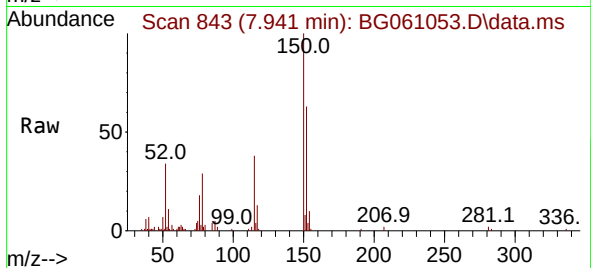


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.941 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG061053.D
 Acq: 29 Apr 2024 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:152 Resp: 22332

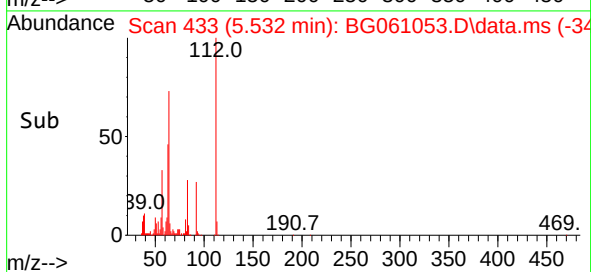
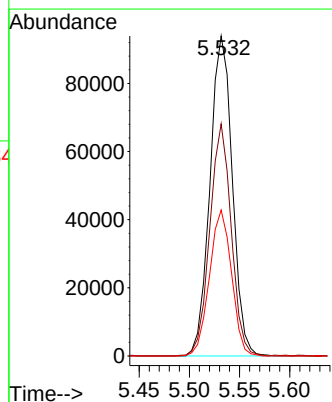
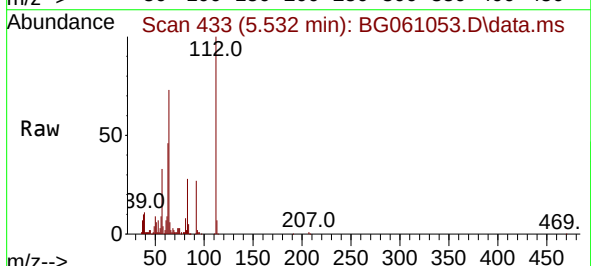
Ion	Ratio	Lower	Upper
152	100		
150	159.8	118.6	178.0
115	61.4	47.4	71.0

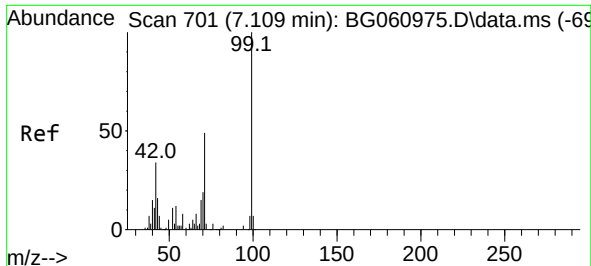


#5
 2-Fluorophenol
 Concen: 131.808 ng
 RT: 5.532 min Scan# 433
 Delta R.T. 0.004 min
 Lab File: BG061053.D
 Acq: 29 Apr 2024 19:06

Tgt Ion:112 Resp: 145522

Ion	Ratio	Lower	Upper
112	100		
64	72.6	53.7	80.5
63	45.6	37.0	55.6





#7

Phenol-d6

Concen: 97.583 ng

RT: 7.112 min Scan# 701

Delta R.T. 0.004 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

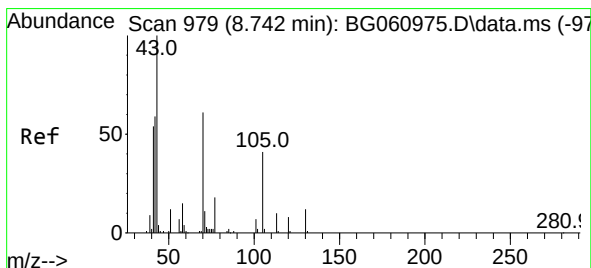
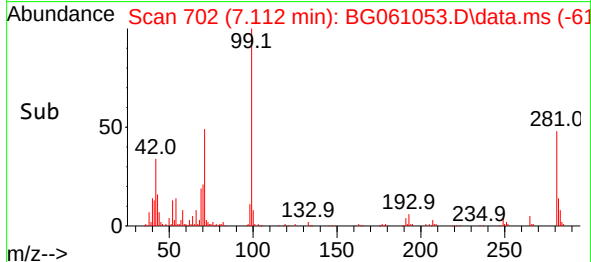
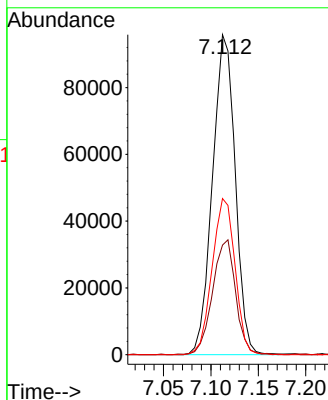
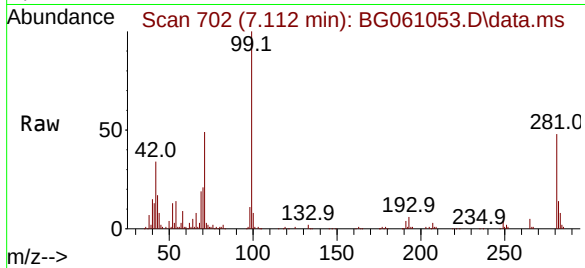
Tgt Ion: 99 Resp: 159851

Ion Ratio Lower Upper

99 100

42 34.3 27.2 40.8

71 48.8 38.8 58.2



#19

n-Nitroso-di-n-propylamine

Concen: 20.283 ng

RT: 9.098 min Scan# 1040

Delta R.T. 0.356 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Tgt Ion: 70 Resp: 24761

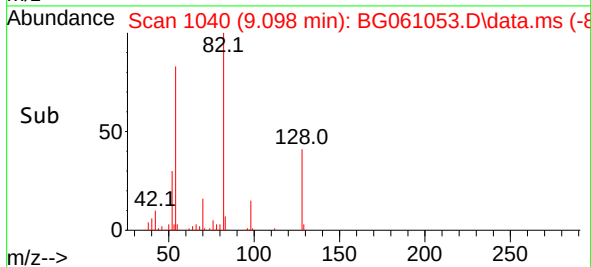
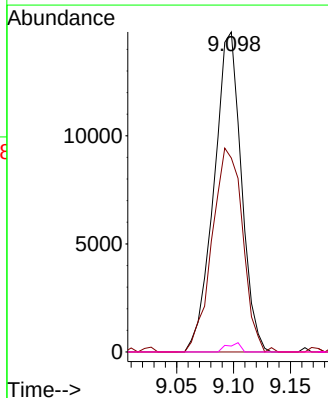
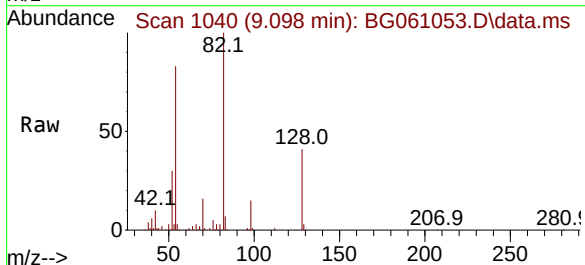
Ion Ratio Lower Upper

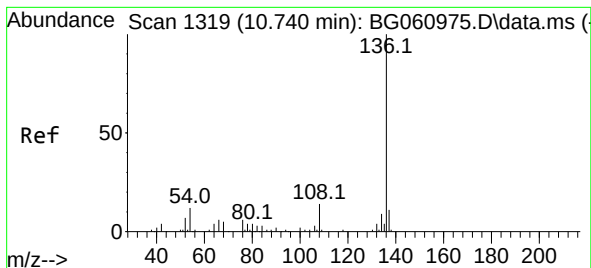
70 100

42 60.6 78.0 117.0#

101 0.0 8.6 13.0#

130 1.9 15.6 23.4#

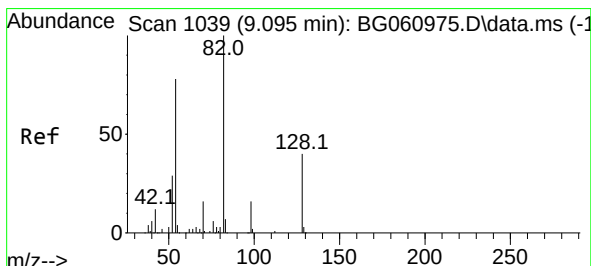
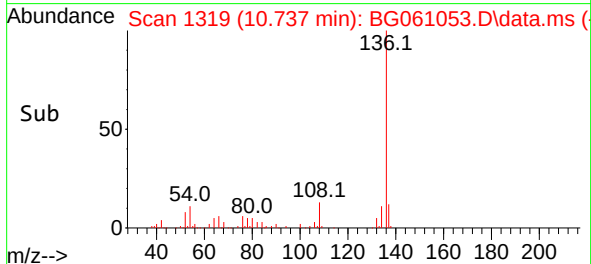
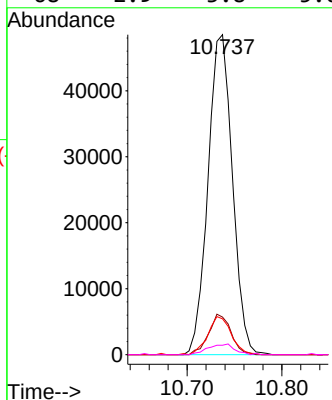
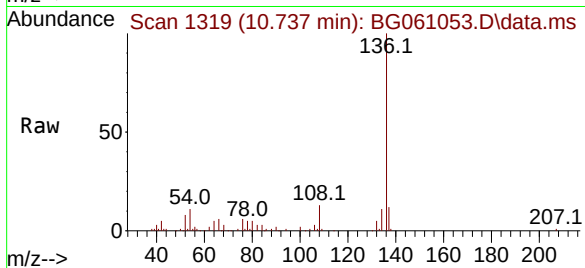




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG061053.D
Acq: 29 Apr 2024 19:06

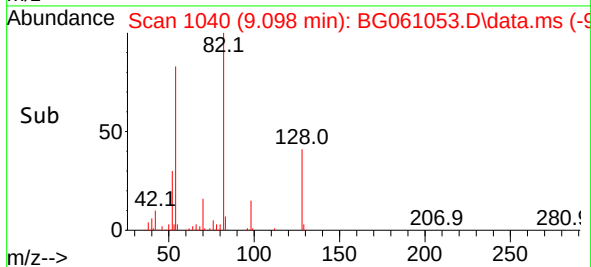
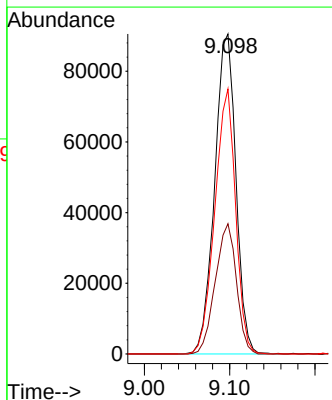
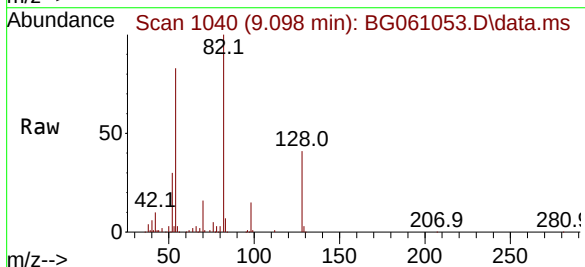
Instrument :
BNA_G
ClientSampleId :

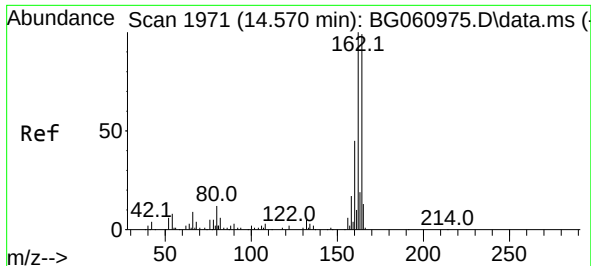
Tgt Ion:136	Resp:	86939
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.5 12.7
54	11.2	9.4 14.0
68	2.9	3.8 5.6#



#23
Nitrobenzene-d5
Concen: 81.264 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.004 min
Lab File: BG061053.D
Acq: 29 Apr 2024 19:06

Tgt Ion: 82	Resp:	157248
Ion Ratio	Lower	Upper
82	100	
128	40.7	32.1 48.1
54	82.8	62.3 93.5

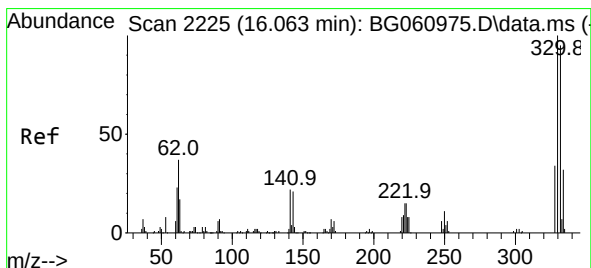
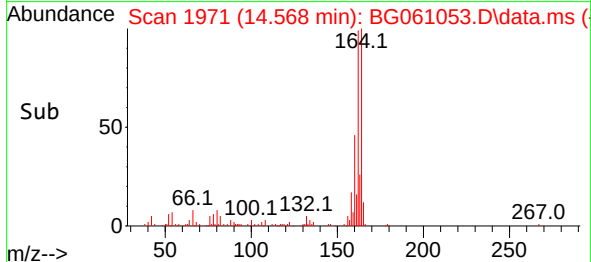
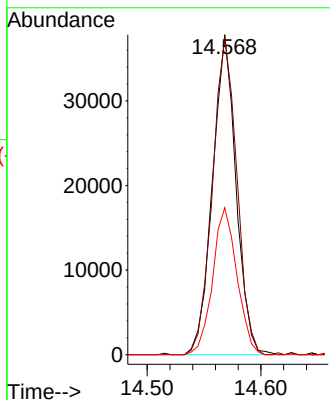
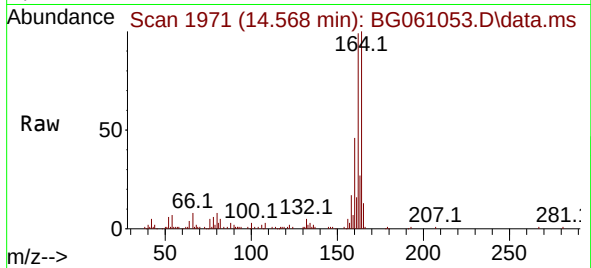




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG061053.D
Acq: 29 Apr 2024 19:06

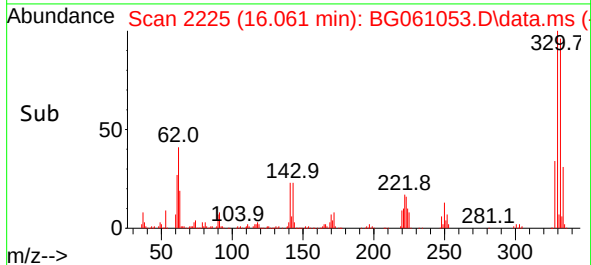
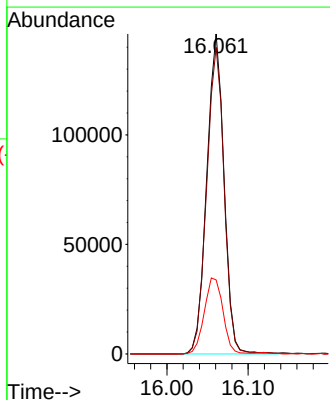
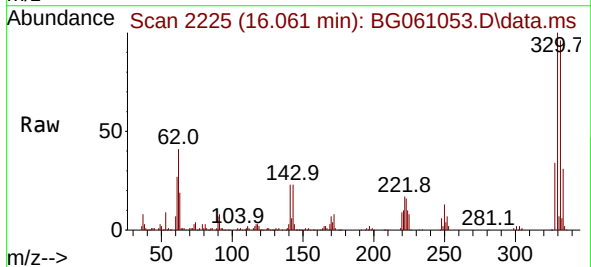
Instrument :
BNA_G
ClientSampleId :

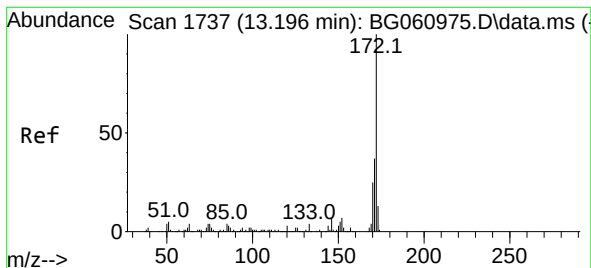
Tgt Ion:164 Resp: 54220
Ion Ratio Lower Upper
164 100
162 98.9 81.2 121.8
160 45.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 180.987 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG061053.D
Acq: 29 Apr 2024 19:06

Tgt Ion:330 Resp: 215489
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 25.7 20.6 31.0





#45

2-Fluorobiphenyl

Concen: 118.285 ng

RT: 13.193 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

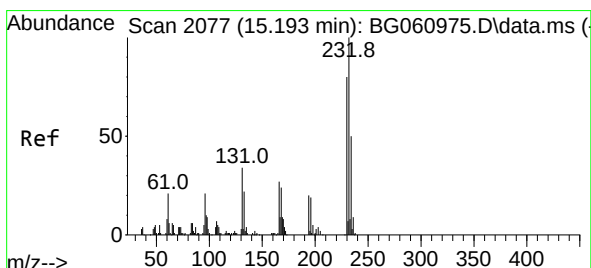
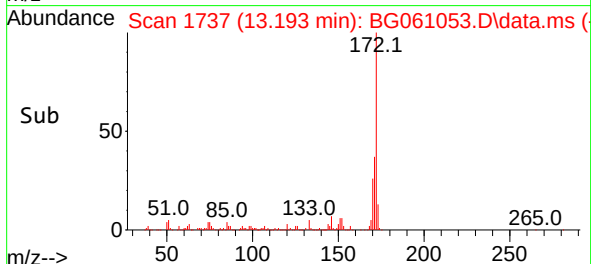
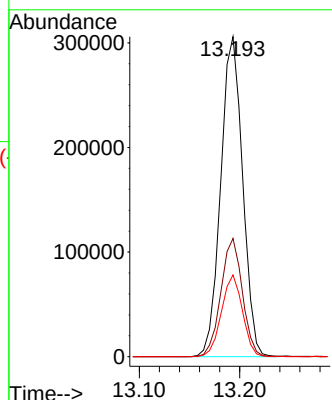
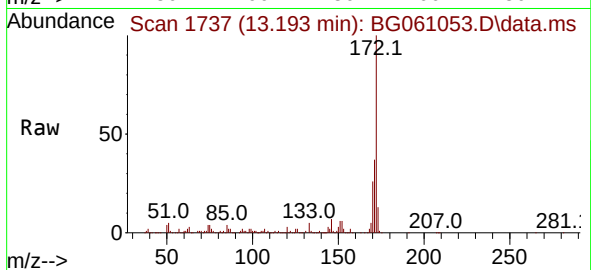
Tgt Ion:172 Resp: 463395

Ion Ratio Lower Upper

172 100

171 37.0 29.3 43.9

170 25.5 20.1 30.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 19.715 ng

RT: 15.197 min Scan# 2078

Delta R.T. 0.004 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Tgt Ion:232 Resp: 29812

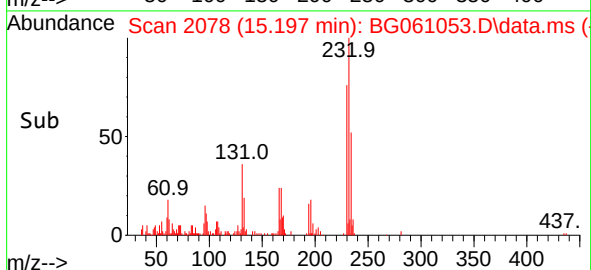
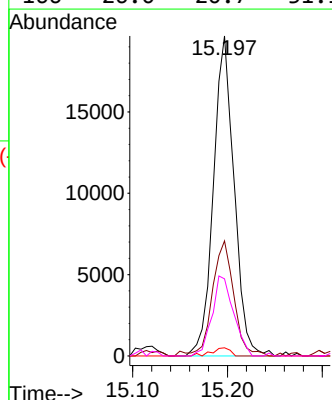
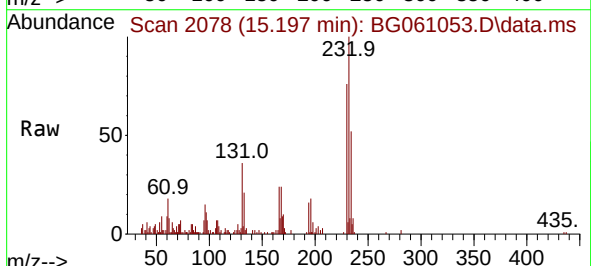
Ion Ratio Lower Upper

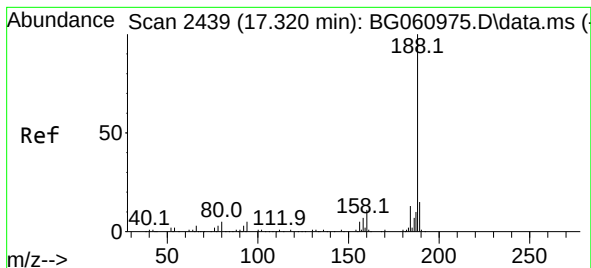
232 100

131 37.6 27.4 41.0

130 2.3 1.5 2.3

166 26.0 20.7 31.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG061053.D

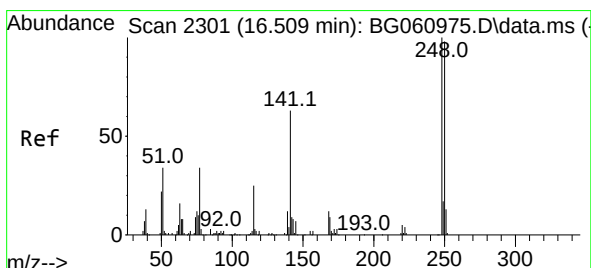
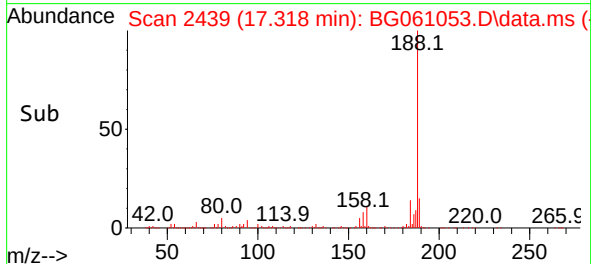
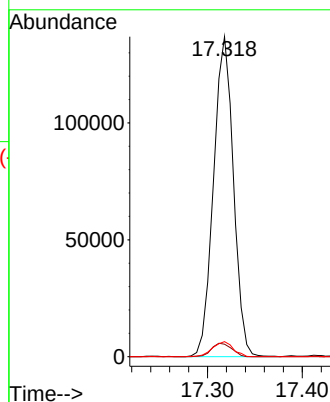
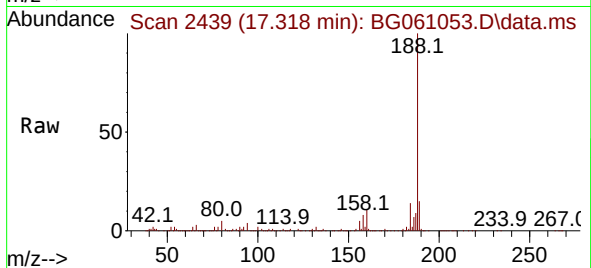
Acq: 29 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:188	Resp:	199760
Ion Ratio	Lower	Upper
188	100	
94	3.9	4.1 6.1#
80	4.7	4.0 6.0



#67

4-Bromophenyl-phenylether

Concen: 5.390 ng

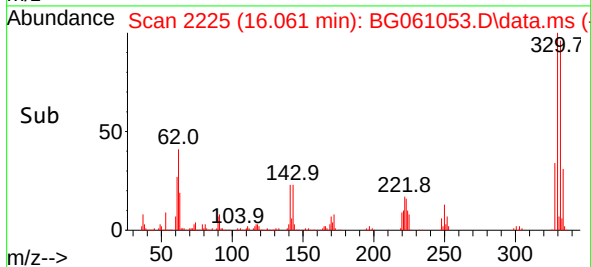
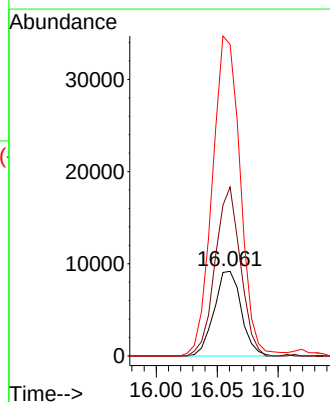
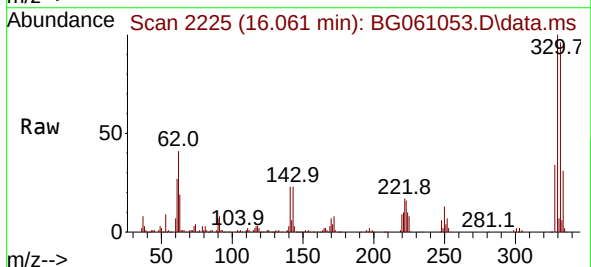
RT: 16.061 min Scan# 2225

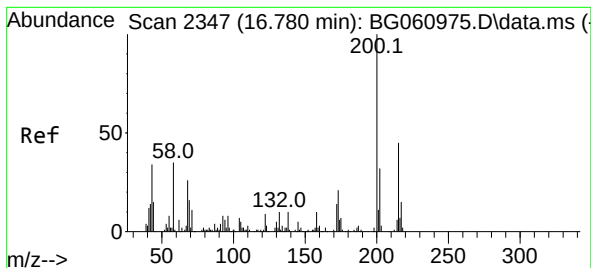
Delta R.T. -0.449 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Tgt Ion:248	Resp:	14210
Ion Ratio	Lower	Upper
248	100	
250	199.6	78.7 118.1#
141	368.1	50.4 75.6#





#69

Atrazine

Concen: 67.150 ng

RT: 16.977 min Scan# 2381

Delta R.T. 0.197 min

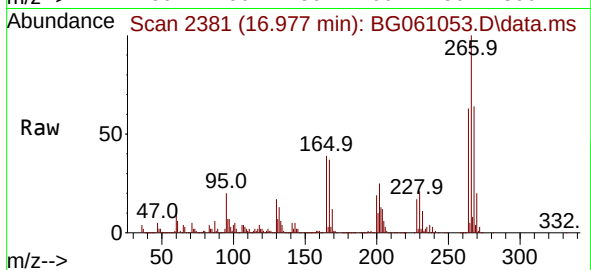
Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :



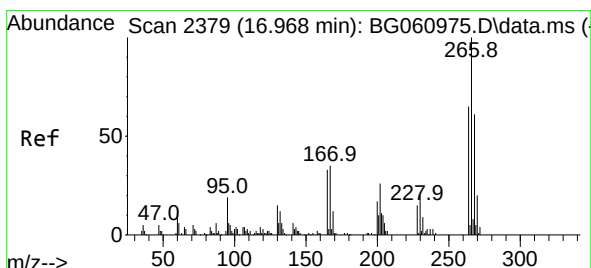
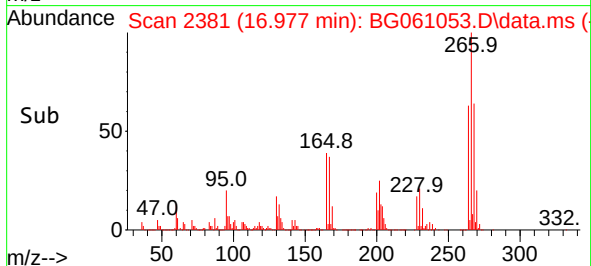
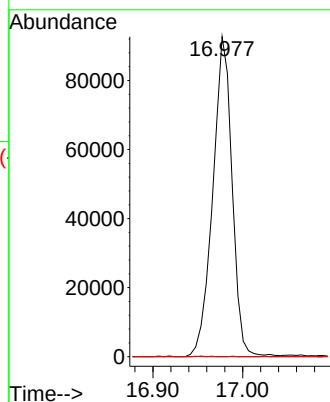
Tgt Ion:200 Resp: 138314

Ion Ratio Lower Upper

200 100

173 0.0 1.4 41.4#

215 0.0 25.3 65.3#



#70

Pentachlorophenol

Concen: 412.274 ng

RT: 16.977 min Scan# 2381

Delta R.T. 0.009 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

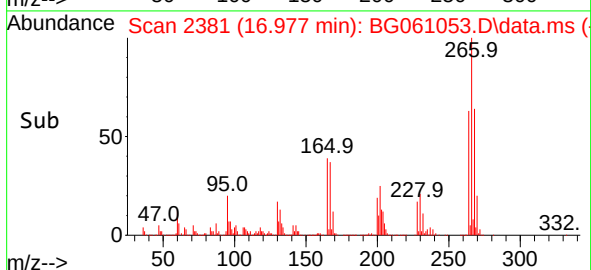
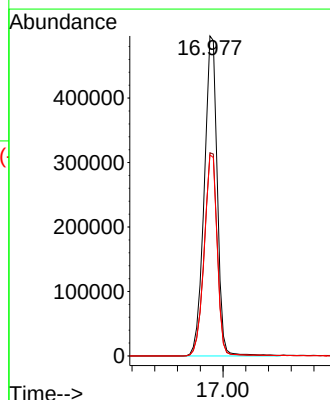
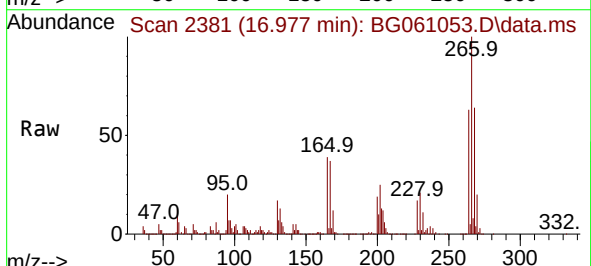
Tgt Ion:266 Resp: 787235

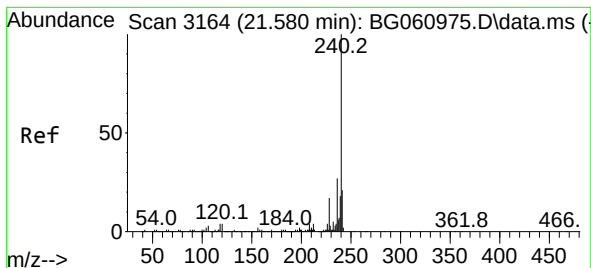
Ion Ratio Lower Upper

266 100

268 63.5 49.1 73.7

264 62.9 52.2 78.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3163

Delta R.T. -0.008 min

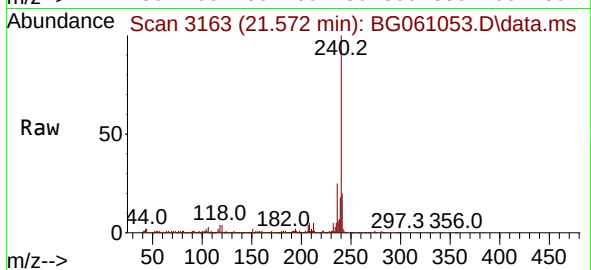
Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :



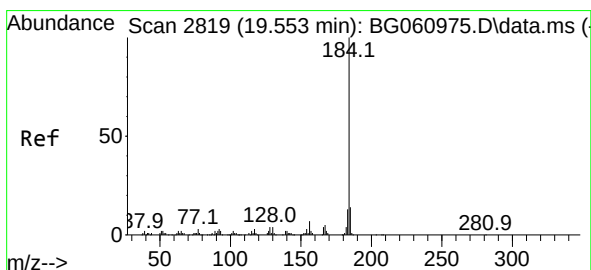
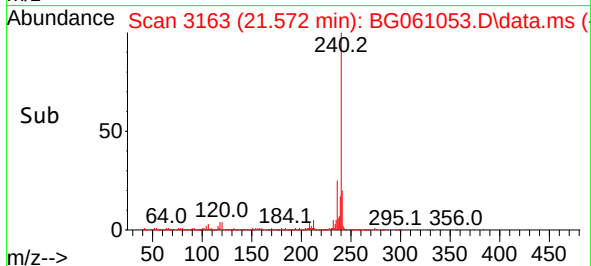
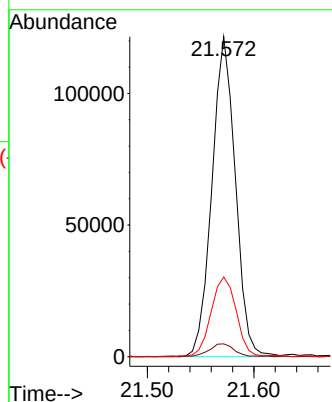
Tgt Ion:240 Resp: 185329

Ion Ratio Lower Upper

240 100

120 4.0 3.0 4.6

236 24.9 21.8 32.6



#77

Benzidine

Concen: 5.527 ng

RT: 19.938 min Scan# 2885

Delta R.T. 0.385 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

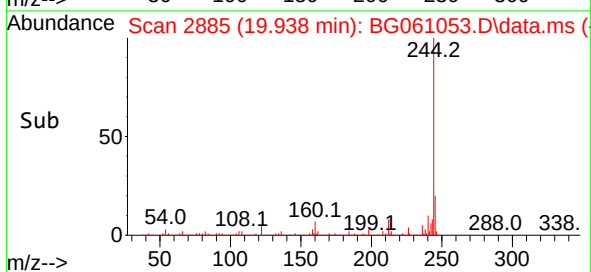
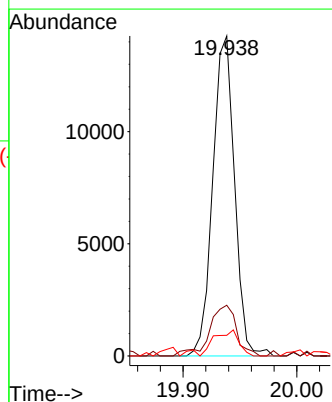
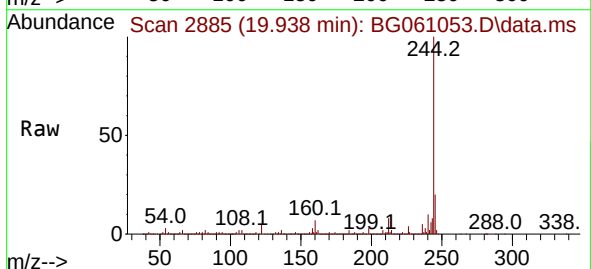
Tgt Ion:184 Resp: 18979

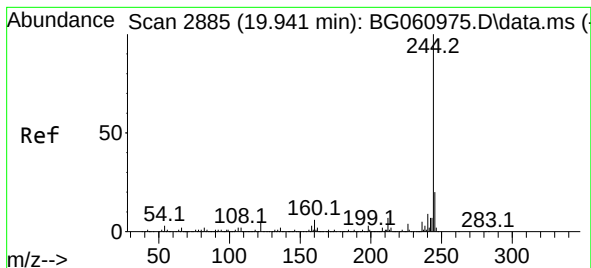
Ion Ratio Lower Upper

184 100

185 15.8 11.3 16.9

183 6.4 10.2 15.2#





#79

Terphenyl-d14

Concen: 93.975 ng

RT: 19.938 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Instrument :

BNA_G

ClientSampleId :

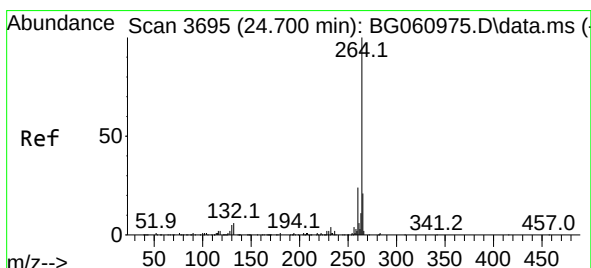
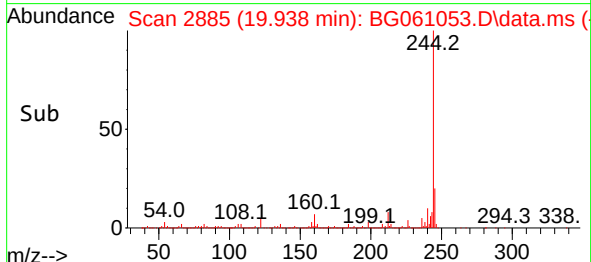
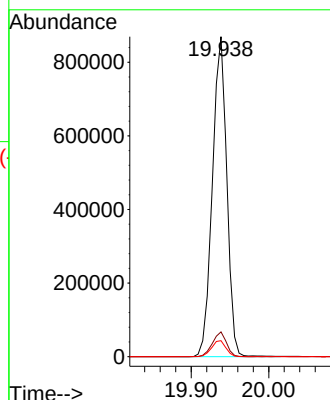
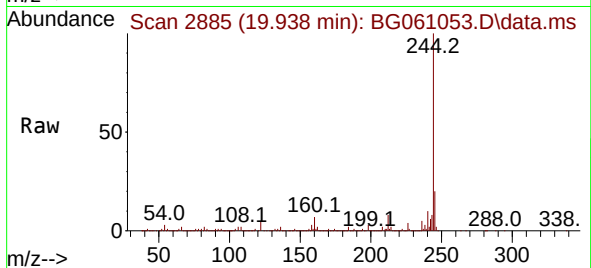
Tgt Ion:244 Resp: 1122015

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 5.0 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.697 min Scan# 3695

Delta R.T. -0.002 min

Lab File: BG061053.D

Acq: 29 Apr 2024 19:06

Tgt Ion:264 Resp: 24873

Ion Ratio Lower Upper

264 100

260 22.3 19.4 29.2

265 23.5 17.0 25.4

