

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060479.D
 Acq On : 30 Jan 2024 11:48
 Operator : MA/JU
 Sample : PB158676BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158676BL

Quant Time: Jan 30 12:28:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

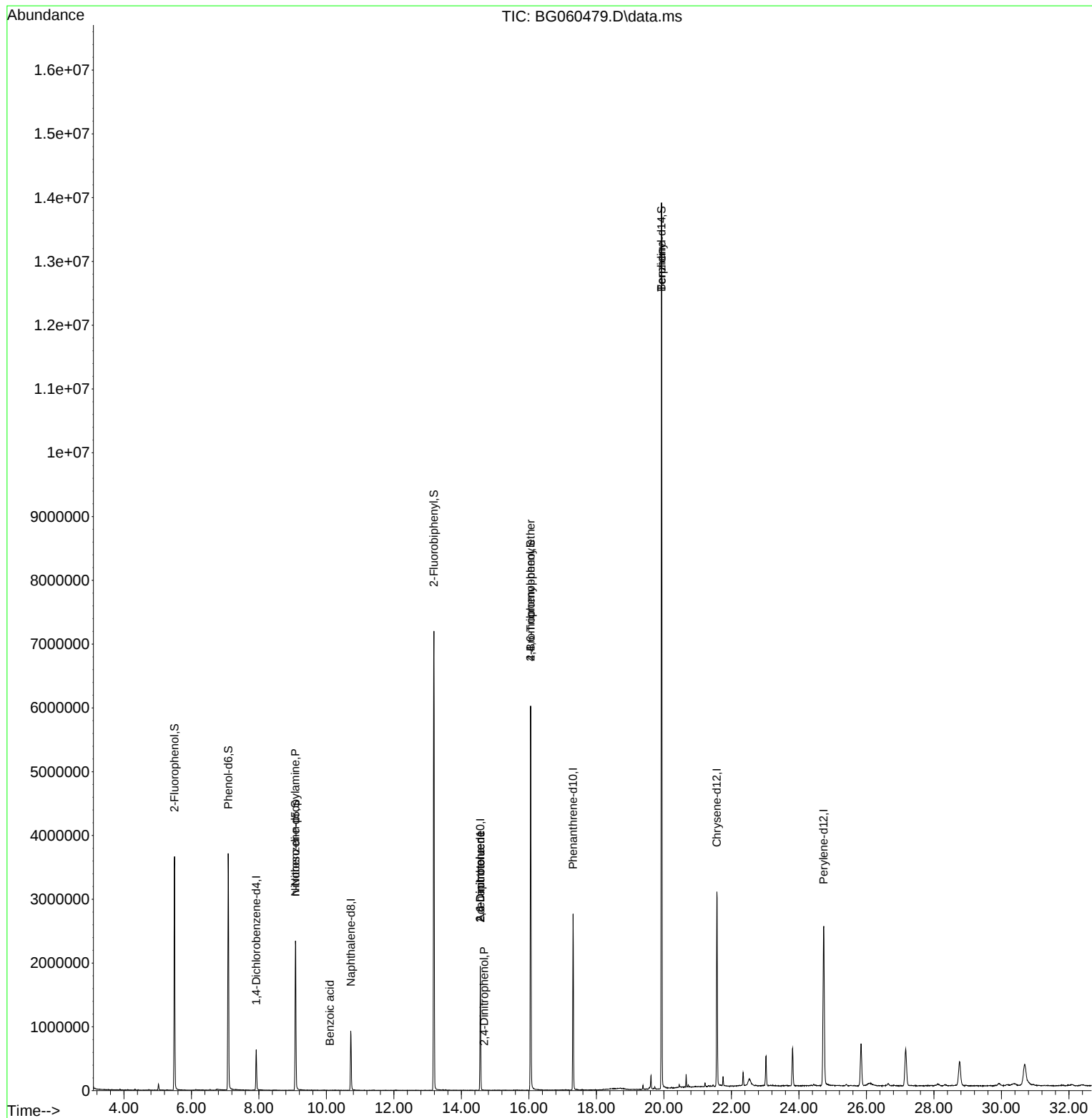
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	203584	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	849286	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	669552	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1856064	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1931452	20.000	ng	0.00
86) Perylene-d12	24.730	264	2094410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1724125	139.295	ng	0.00
7) Phenol-d6	7.092	99	2532024	138.149	ng	0.00
23) Nitrobenzene-d5	9.083	82	1641092	91.244	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	1395462	141.656	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	4112429	85.394	ng	0.00
79) Terphenyl-d14	19.930	244	6292035	80.567	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	203885	16.073	ng	# 83
32) Benzoic acid	10.106	122	59	10.207	ng	# 1
51) 2,6-Dinitrotoluene	14.559	165	89480	8.196	ng	# 34
54) 2,4-Dinitrophenol	14.677	184	71	8.596	ng	# 36
57) 2,4-Dinitrotoluene	14.559	165	89480	5.977	ng	# 26
67) 4-Bromophenyl-phenylether	16.052	248	92637	4.542	ng	# 1
77) Benzidine	19.930	184	127375	3.036	ng	# 92

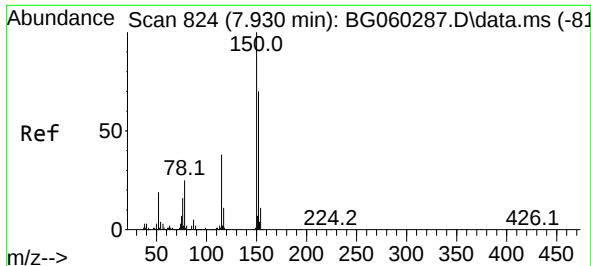
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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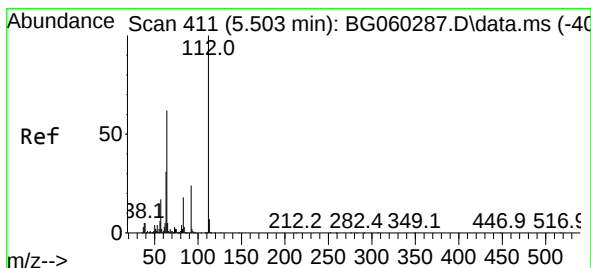
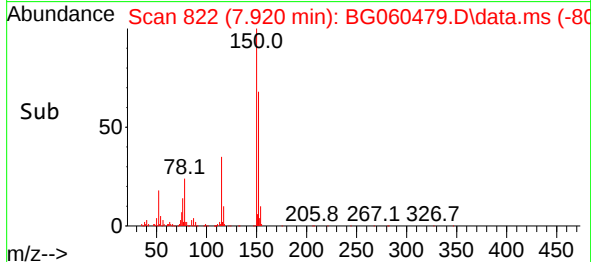
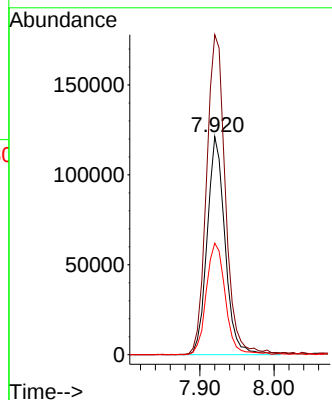
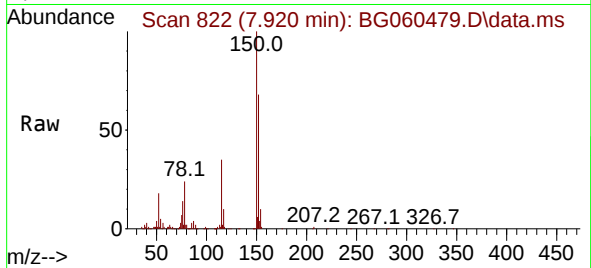




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

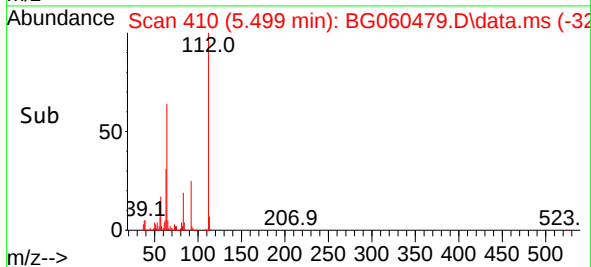
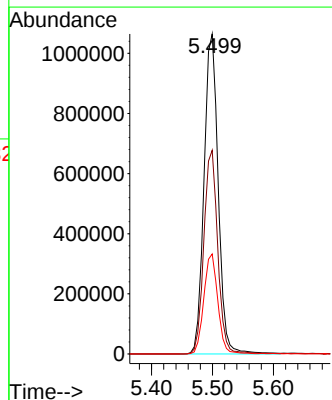
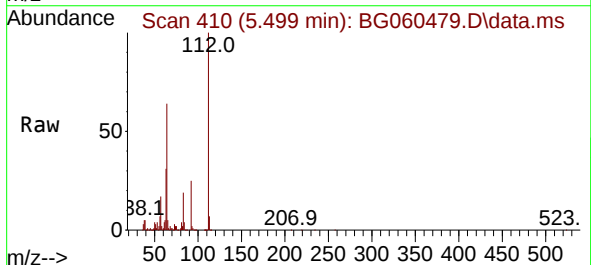
Instrument :
BNA_G
ClientSampleId :
PB158676BL

Tgt Ion:152 Resp: 203584
Ion Ratio Lower Upper
152 100
150 146.8 114.5 171.7
115 51.1 43.0 64.6



#5
2-Fluorophenol
Concen: 139.295 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

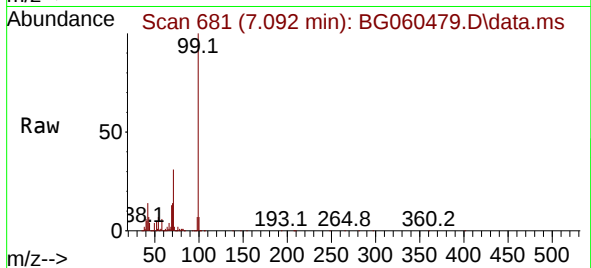
Tgt Ion:112 Resp: 1724125
Ion Ratio Lower Upper
112 100
64 63.6 49.8 74.6
63 31.3 24.4 36.6





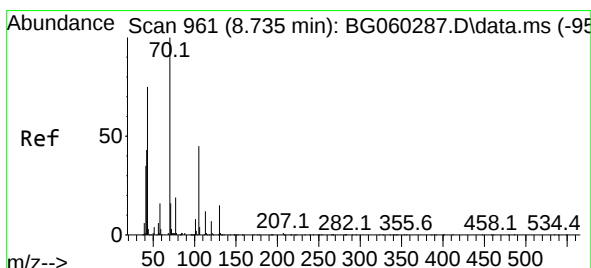
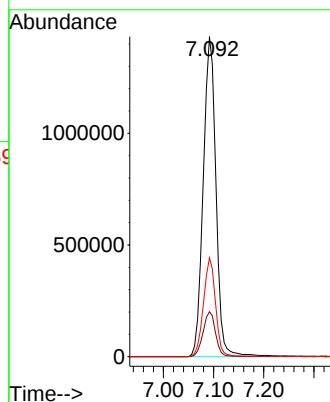
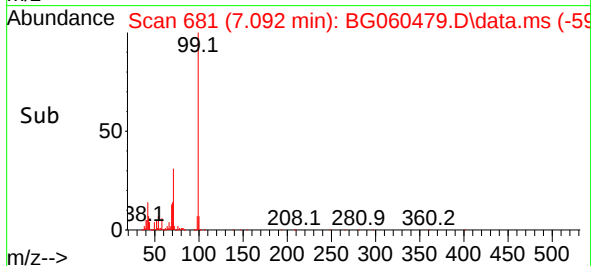
#7
Phenol-d6
Concen: 138.149 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Instrument :
BNA_G
ClientSampleId :
PB158676BL



Tgt Ion: 99 Resp: 2532024

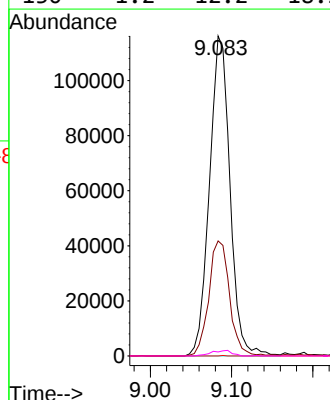
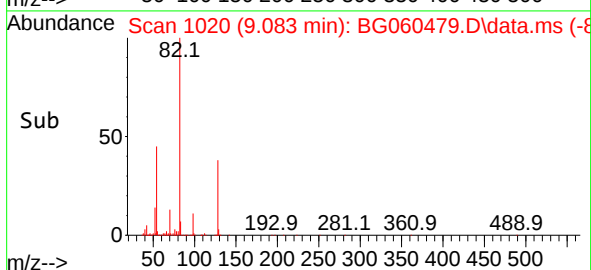
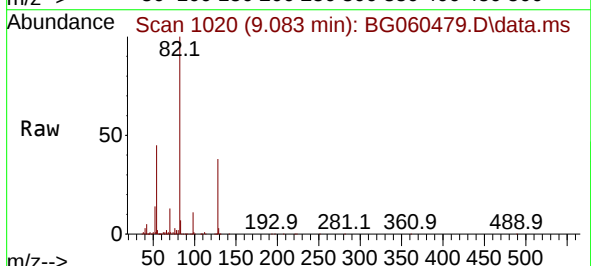
Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	30.9	21.5	32.3

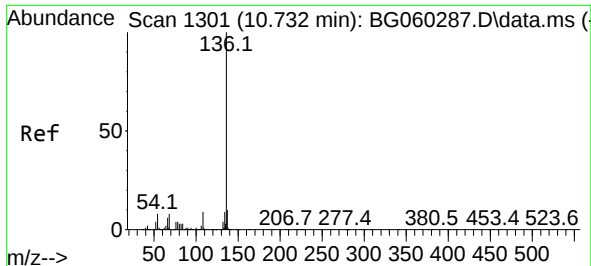


#19
n-Nitroso-di-n-propylamine
Concen: 16.073 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Tgt Ion: 70 Resp: 203885

Ion	Ratio	Lower	Upper
70	100		
42	35.9	34.3	51.5
101	0.0	6.2	9.2#
130	1.2	12.2	18.2#

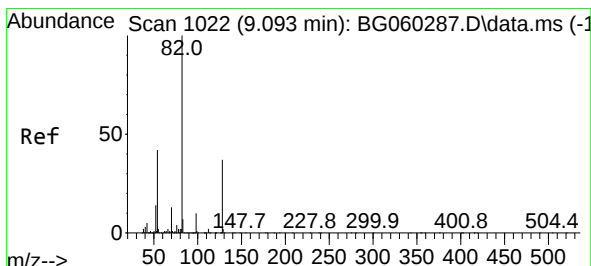
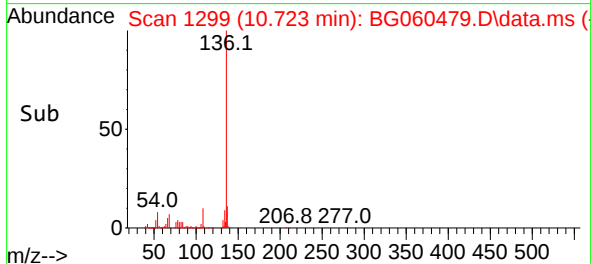
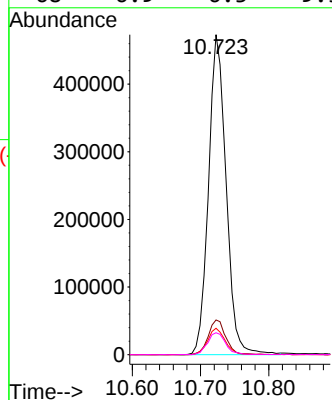
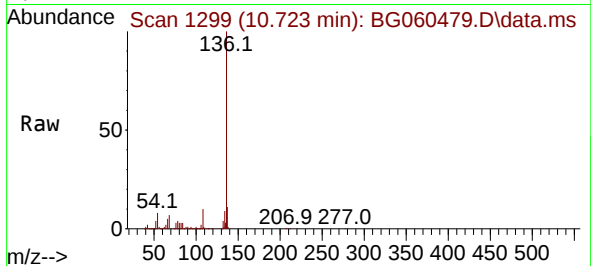




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

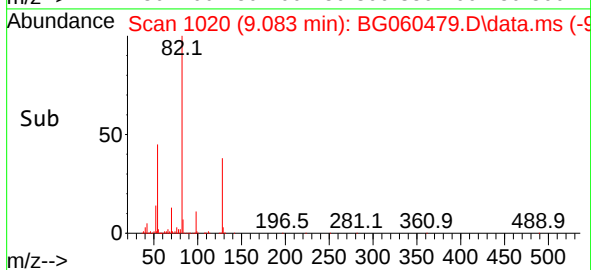
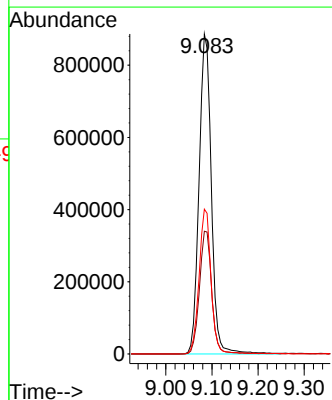
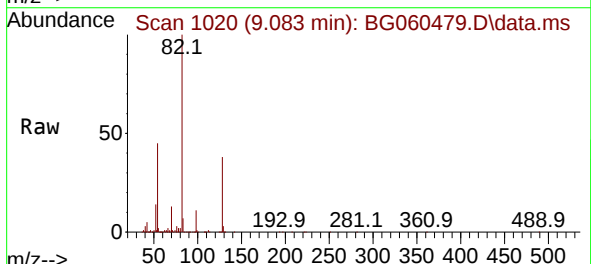
Instrument :
BNA_G
ClientSampleId :
PB158676BL

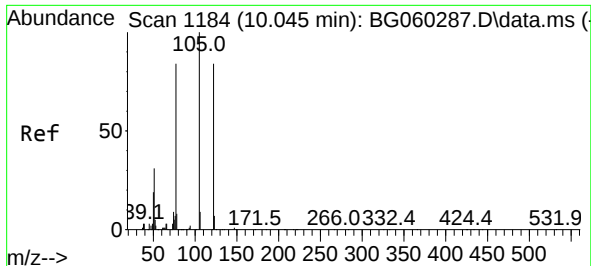
Tgt Ion:	136	Resp:	849286
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.4
54	8.3	6.2	9.2
68	6.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 91.244 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Tgt Ion:	82	Resp:	1641092
Ion Ratio	Lower	Upper	
82	100		
128	38.3	29.6	44.4
54	45.3	33.6	50.4

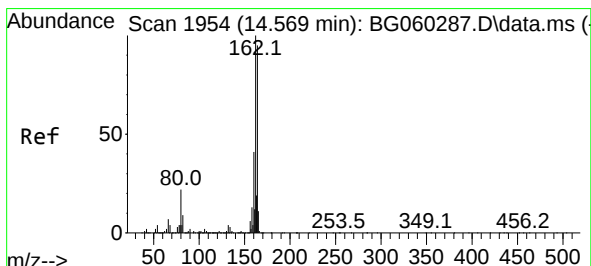
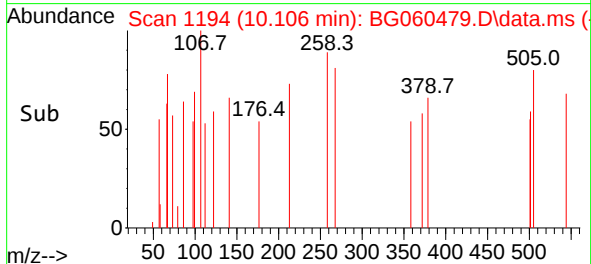
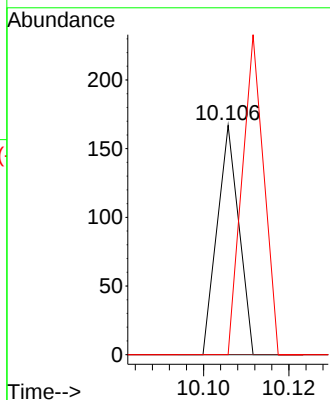
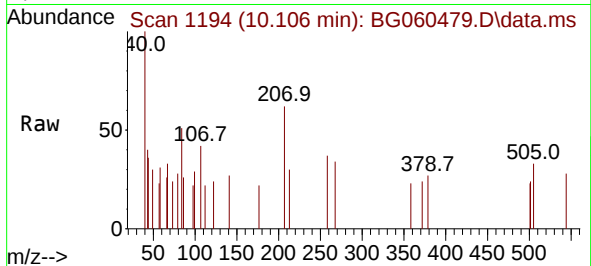




#32
Benzoic acid
Concen: 10.207 ng
RT: 10.106 min Scan# 1184
Delta R.T. 0.061 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

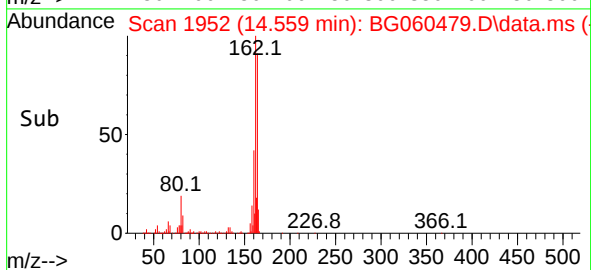
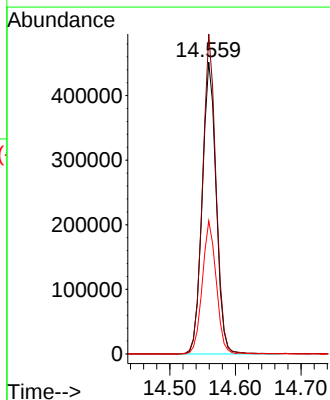
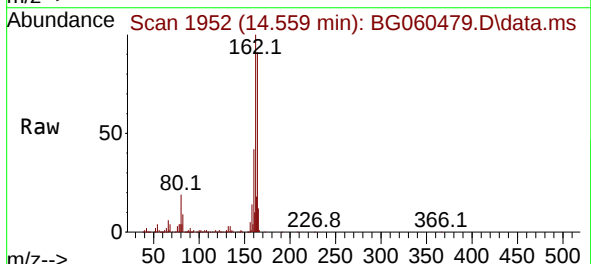
Instrument :
BNA_G
ClientSampleId :
PB158676BL

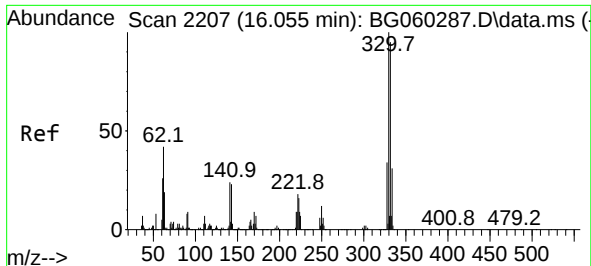
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.010 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Tgt Ion:164 Resp: 669552
Ion Ratio Lower Upper
164 100
162 109.7 84.4 126.6
160 45.6 34.6 52.0

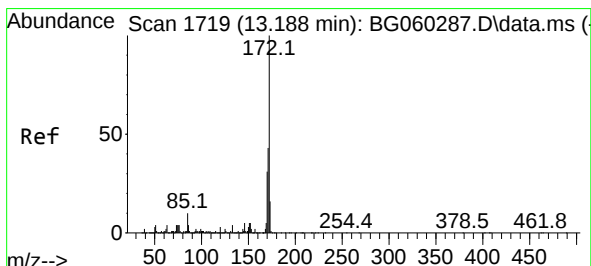
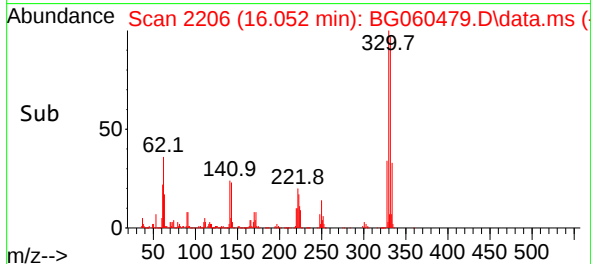
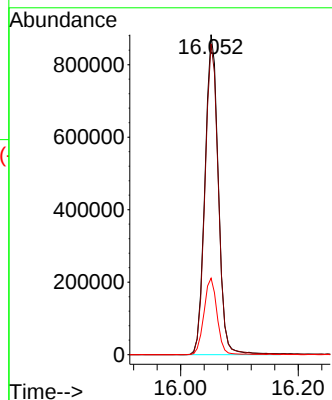
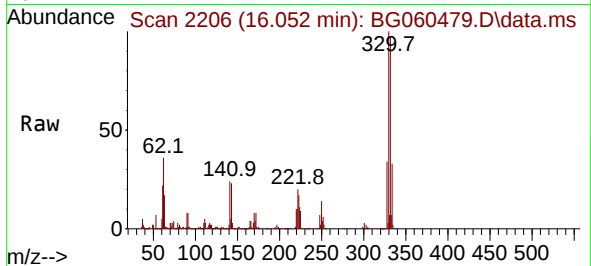




#42
2,4,6-Tribromophenol
Concen: 141.656 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

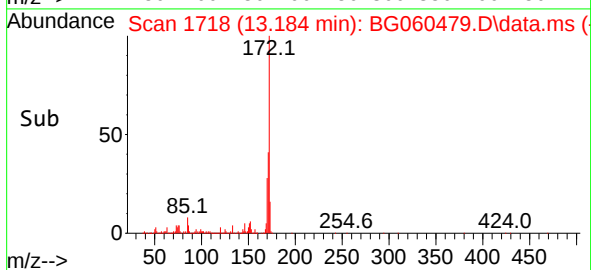
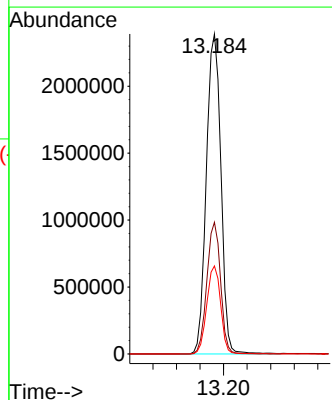
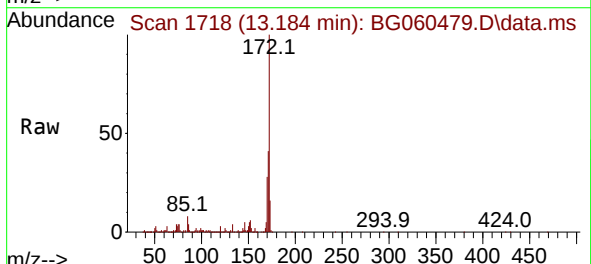
Instrument :
BNA_G
ClientSampleId :
PB158676BL

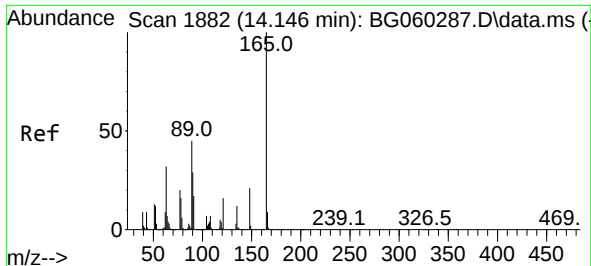
Tgt Ion:330 Resp: 1395462
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 85.394 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Tgt Ion:172 Resp: 4112429
Ion Ratio Lower Upper
172 100
171 41.1 34.6 51.8
170 27.5 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.196 ng

RT: 14.559 min Scan# 1952

Delta R.T. 0.413 min

Lab File: BG060479.D

Acq: 30 Jan 2024 11:48

Instrument :

BNA_G

ClientSampleId :

PB158676BL

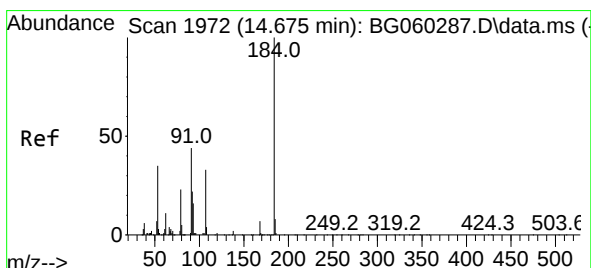
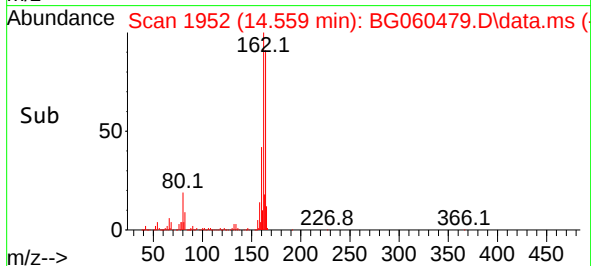
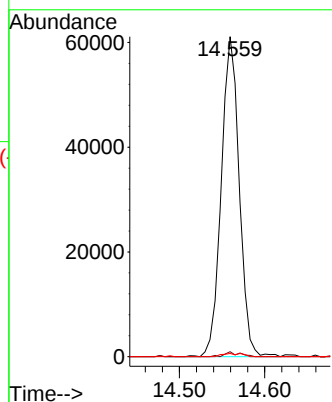
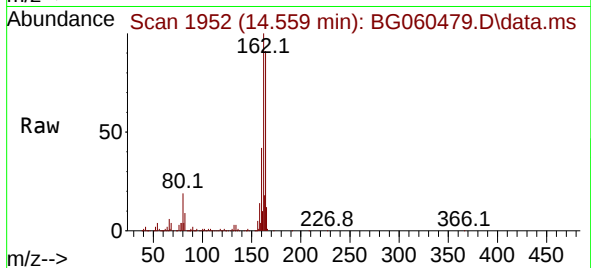
Tgt Ion:165 Resp: 89480

Ion Ratio Lower Upper

165 100

63 1.5 35.0 52.4#

89 1.0 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.596 ng

RT: 14.677 min Scan# 1972

Delta R.T. 0.002 min

Lab File: BG060479.D

Acq: 30 Jan 2024 11:48

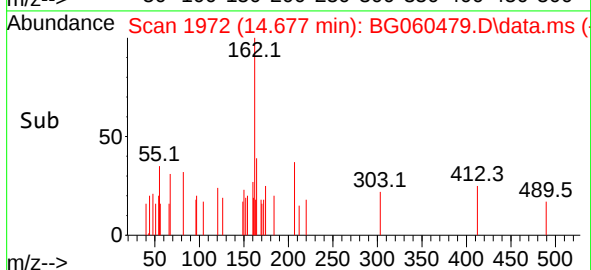
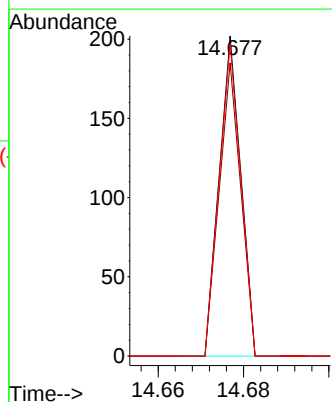
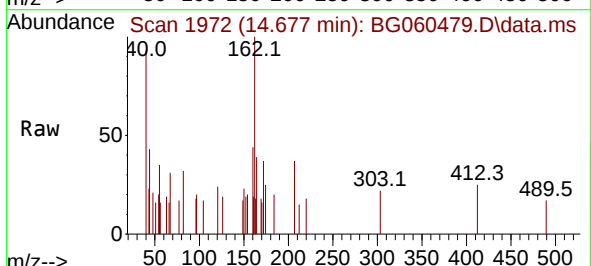
Tgt Ion:184 Resp: 71

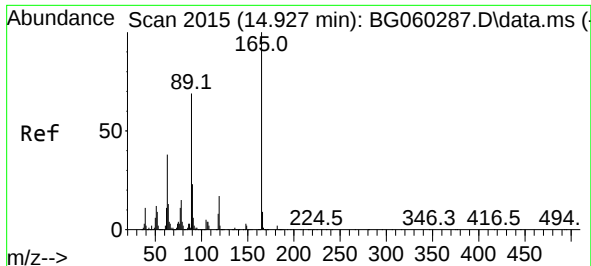
Ion Ratio Lower Upper

184 100

63 91.6 41.0 61.4#

154 97.5 39.2 58.8#

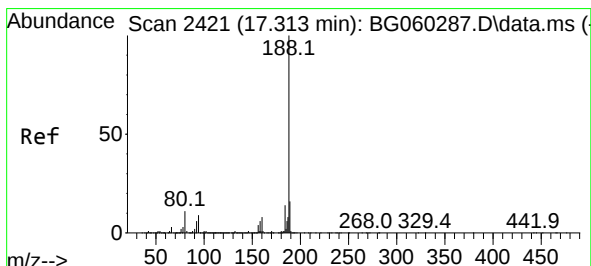
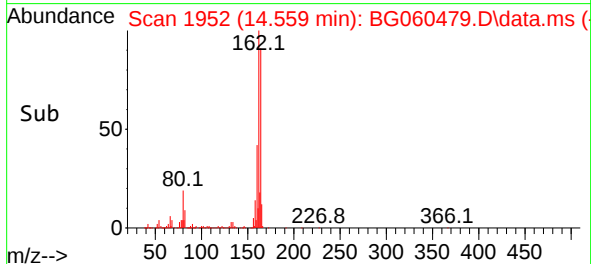
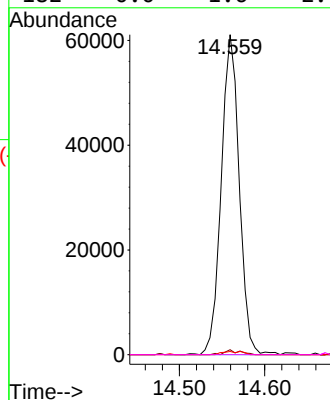
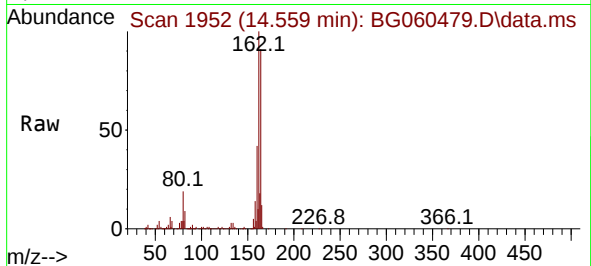




#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.368 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

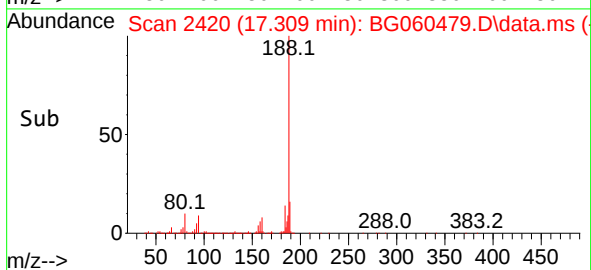
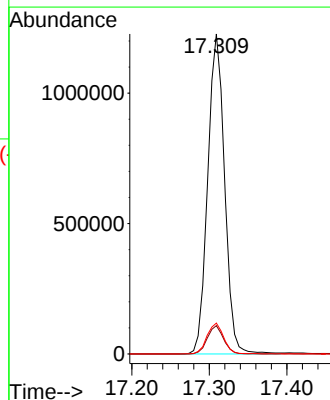
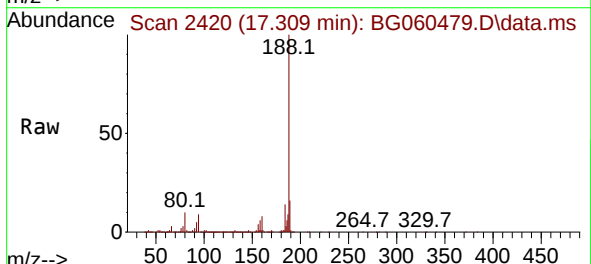
Instrument :
BNA_G
ClientSampleId :
PB158676BL

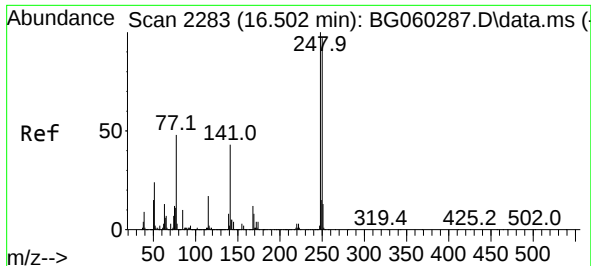
Tgt Ion:165 Resp: 89480
Ion Ratio Lower Upper
165 100
63 1.5 30.4 45.6#
89 1.0 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Tgt Ion:188 Resp: 1856064
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.6 8.5 12.7

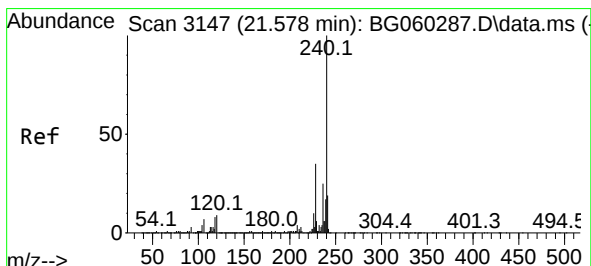
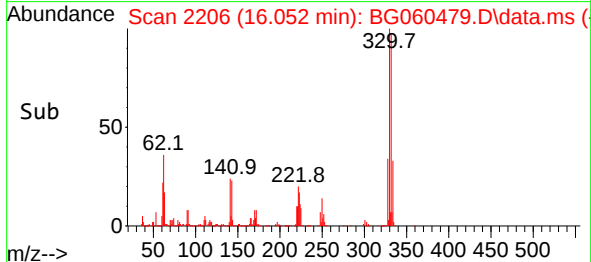
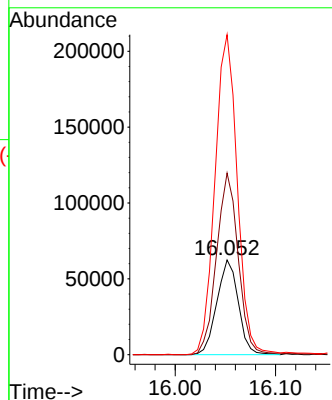
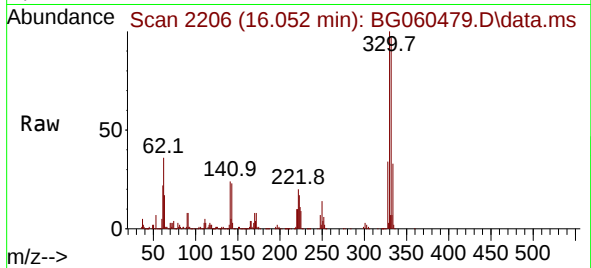




#67
4-Bromophenyl-phenylether
Concen: 4.542 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

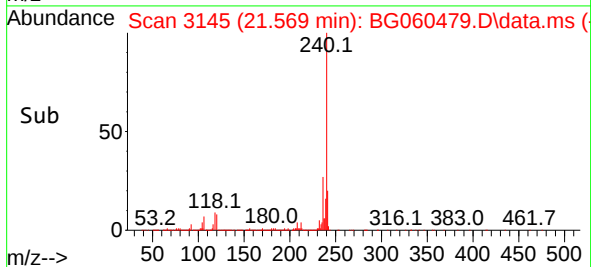
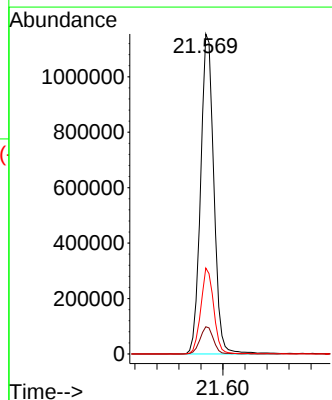
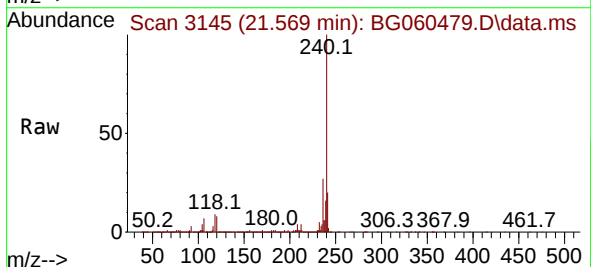
Instrument :
BNA_G
ClientSampleId :
PB158676BL

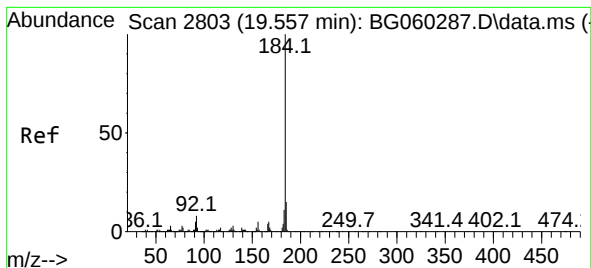
Tgt Ion:248 Resp: 92637
Ion Ratio Lower Upper
248 100
250 191.7 77.6 116.4#
141 337.7 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BG060479.D
Acq: 30 Jan 2024 11:48

Tgt Ion:240 Resp: 1931452
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 26.8 20.3 30.5





#77

Benzidine

Concen: 3.036 ng

RT: 19.930 min Scan# 2866

Delta R.T. 0.372 min

Lab File: BG060479.D

Acq: 30 Jan 2024 11:48

Instrument :

BNA_G

ClientSampleId :

PB158676BL

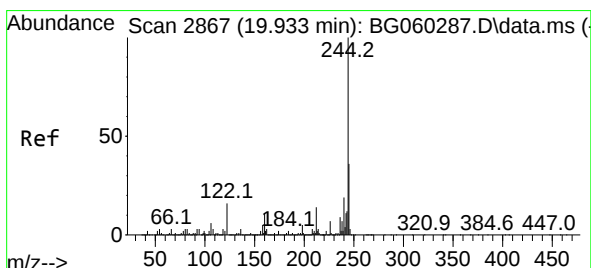
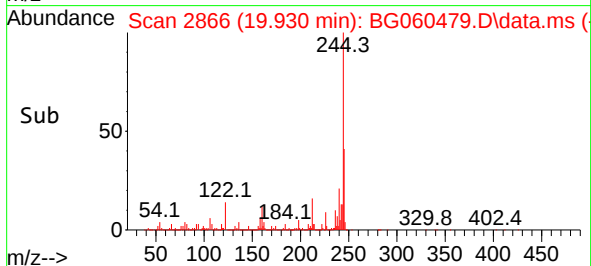
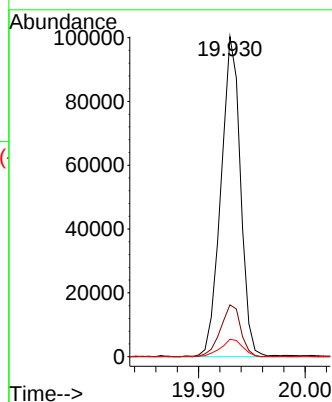
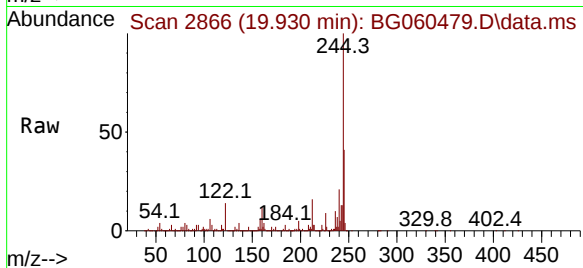
Tgt Ion:184 Resp: 127375

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.4

183 5.5 9.0 13.4#



#79

Terphenyl-d14

Concen: 80.567 ng

RT: 19.930 min Scan# 2866

Delta R.T. -0.003 min

Lab File: BG060479.D

Acq: 30 Jan 2024 11:48

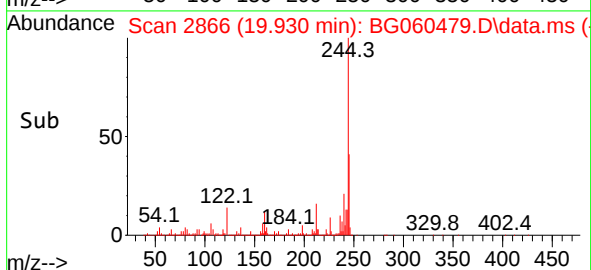
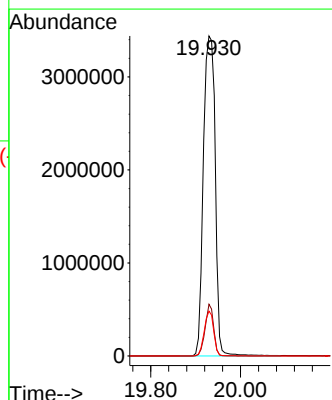
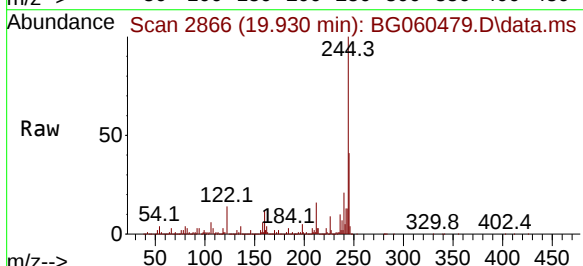
Tgt Ion:244 Resp: 6292035

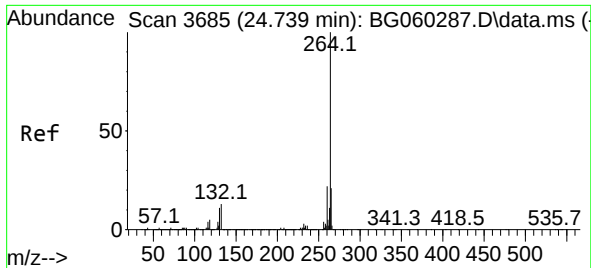
Ion Ratio Lower Upper

244 100

212 16.1 10.9 16.3

122 14.0 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG060479.D
 Acq: 30 Jan 2024 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB158676BL

Tgt Ion:264 Resp: 2094410
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 22.0 16.8 25.2

