

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060537.D
 Acq On : 1 Feb 2024 17:38
 Operator : MA/JU
 Sample : PB158757BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158757BL

Quant Time: Feb 02 00:40:42 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)

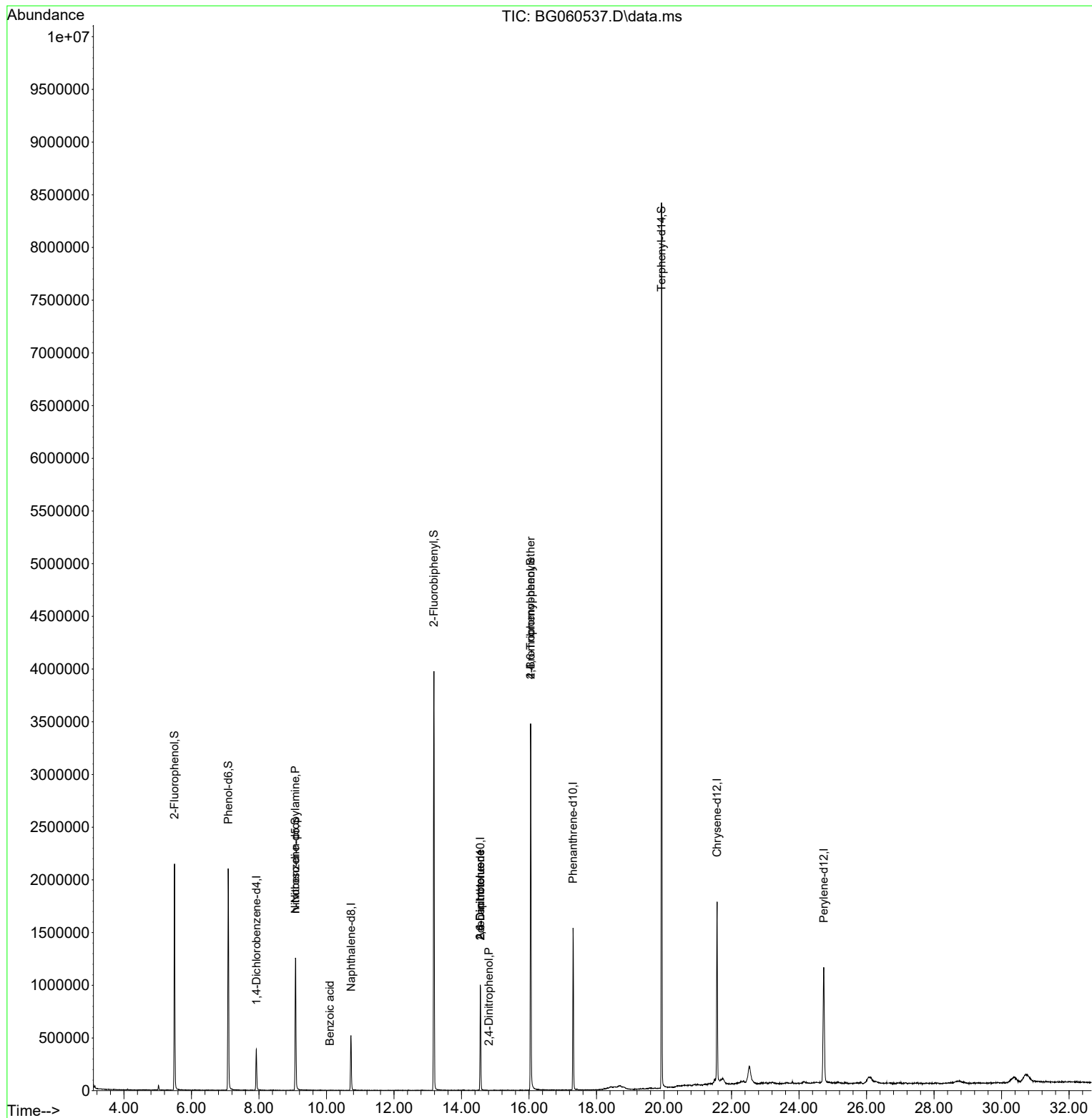
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	128410	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	492162	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	372093	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	1059145	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1071735	20.000	ng	0.00
86) Perylene-d12	24.732	264	1221622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	993945	127.313	ng	0.00
7) Phenol-d6	7.088	99	1395894	120.747	ng	0.00
23) Nitrobenzene-d5	9.080	82	876570	84.102	ng	-0.01
42) 2,4,6-Tribromophenol	16.048	330	825552	150.798	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2302152	86.019	ng	0.00
79) Terphenyl-d14	19.926	244	4360244	120.496	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.080	70	108033	13.502	ng	# 81
32) Benzoic acid	10.102	122	81	10.215	ng	# 1
51) 2,6-Dinitrotoluene	14.556	165	49798	8.207	ng	# 33
54) 2,4-Dinitrophenol	14.808	184	56	8.600	ng	# 27
57) 2,4-Dinitrotoluene	14.556	165	49798	5.985	ng	# 26
67) 4-Bromophenyl-phenylether	16.048	248	53267	4.577	ng	# 1

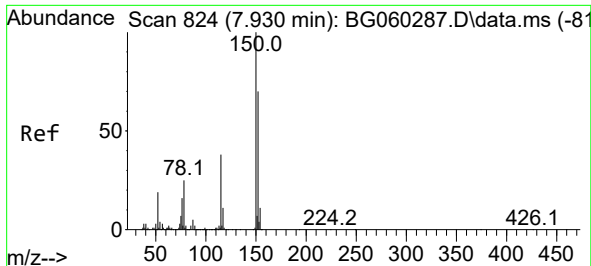
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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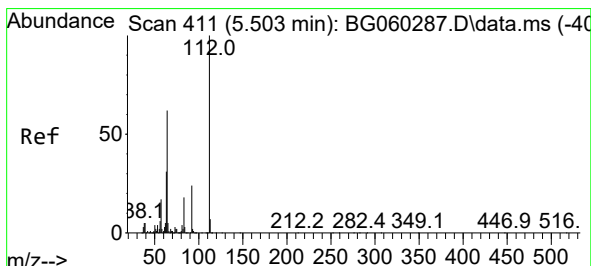
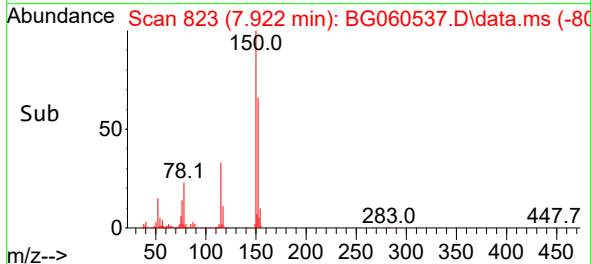
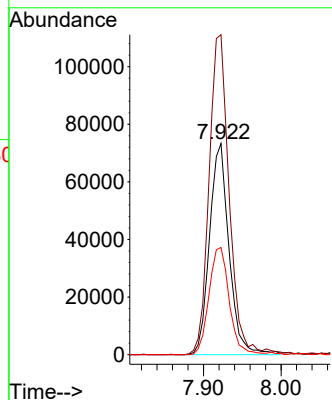
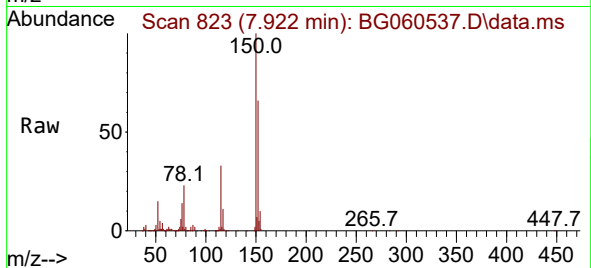




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

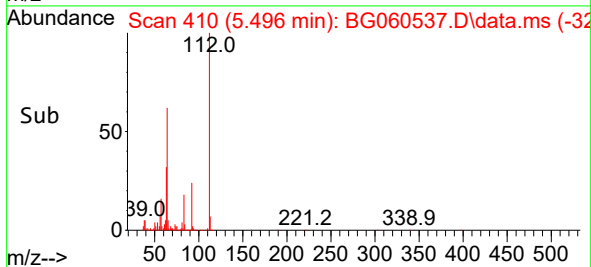
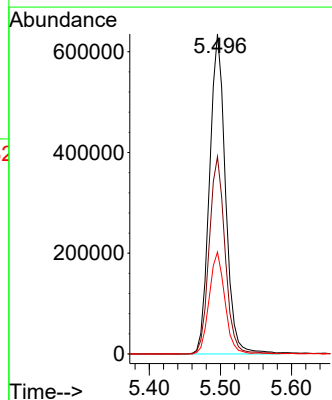
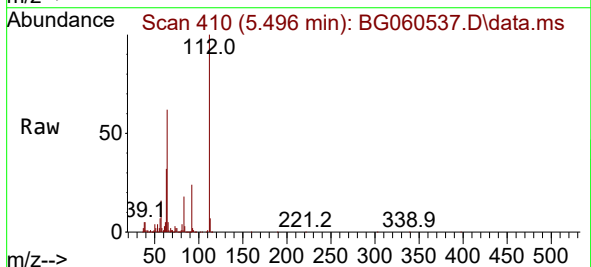
Instrument :
BNA_G
ClientSampleId :
PB158757BL

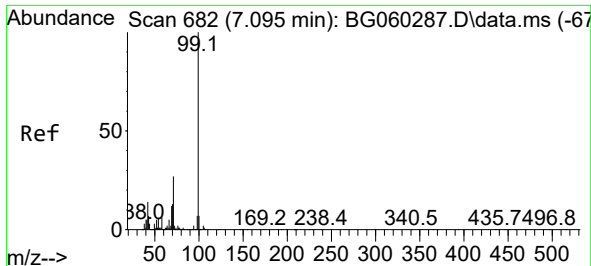
Tgt Ion:152 Resp: 128410
Ion Ratio Lower Upper
152 100
150 151.5 114.5 171.7
115 50.7 43.0 64.6



#5
2-Fluorophenol
Concen: 127.313 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:112 Resp: 993945
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.6
63 31.8 24.4 36.6





#7

Phenol-d6

Concen: 120.747 ng

RT: 7.088 min Scan# 61

Delta R.T. -0.007 min

Lab File: BG060537.D

Acq: 1 Feb 2024 17:38

Instrument :

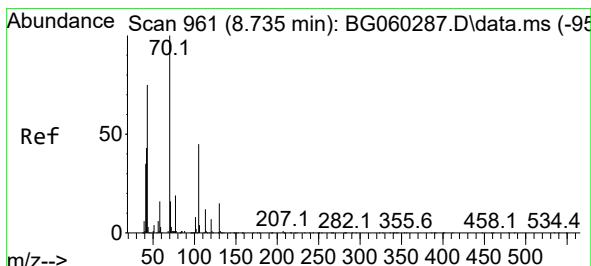
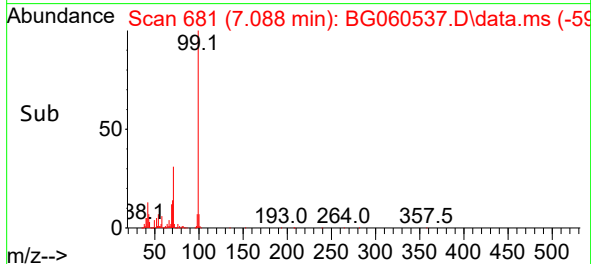
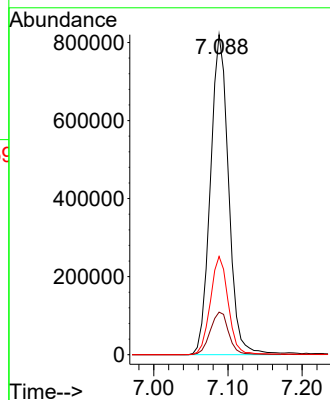
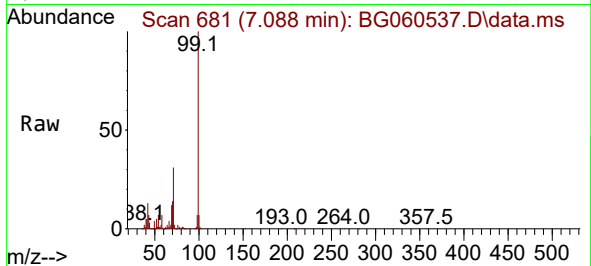
BNA_G

ClientSampleId :

PB158757BL

Tgt Ion: 99 Resp: 1395894

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.9	16.3
71	30.7	21.5	32.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.502 ng

RT: 9.080 min Scan# 1020

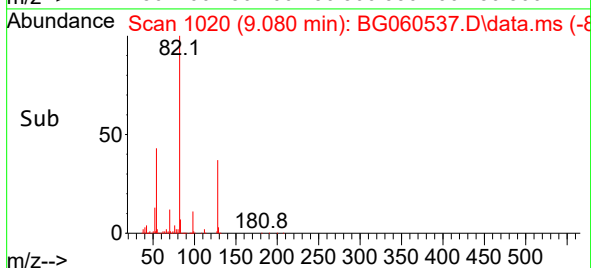
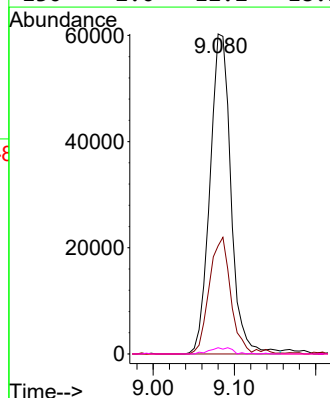
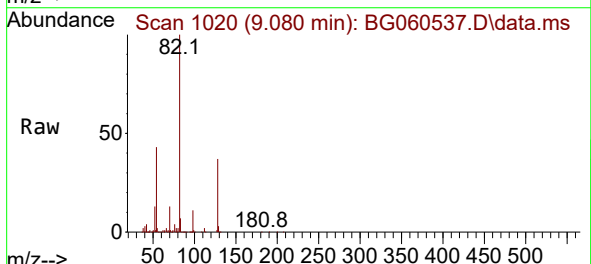
Delta R.T. 0.345 min

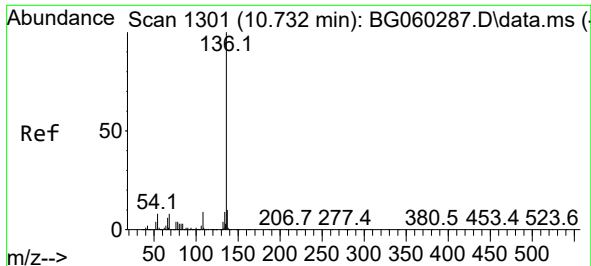
Lab File: BG060537.D

Acq: 1 Feb 2024 17:38

Tgt Ion: 70 Resp: 108033

Ion	Ratio	Lower	Upper
70	100		
42	33.8	34.3	51.5#
101	0.0	6.2	9.2#
130	2.0	12.2	18.2#

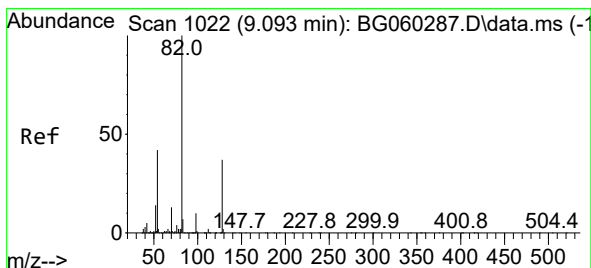
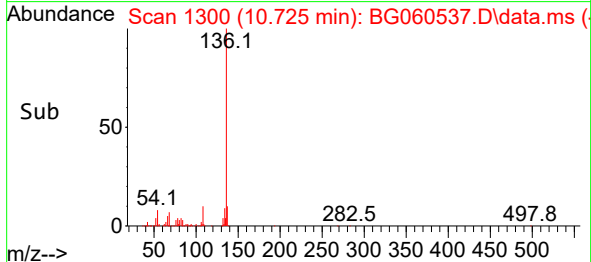
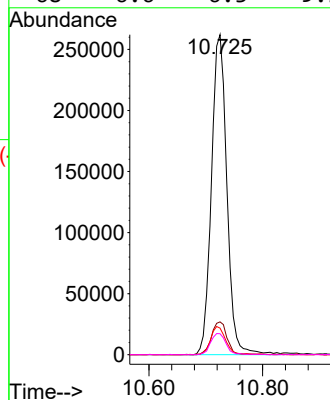
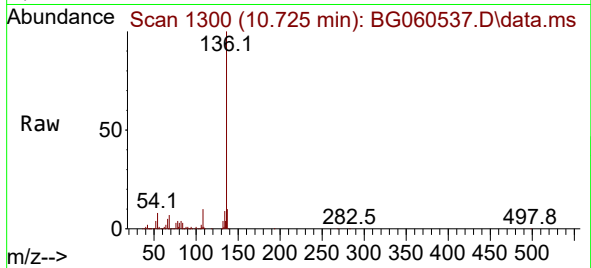




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

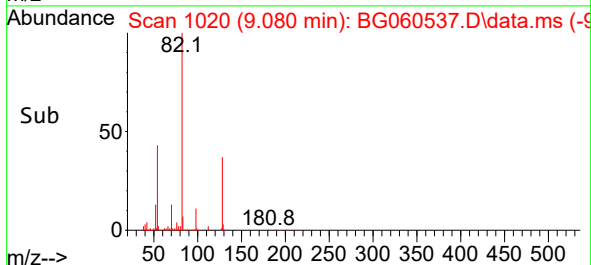
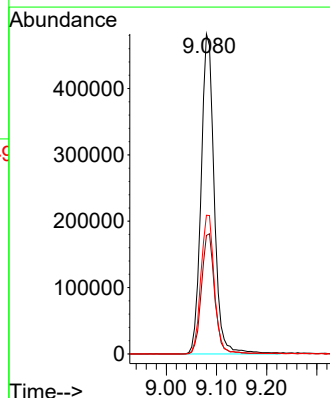
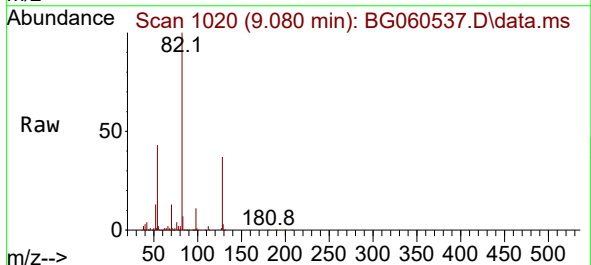
Instrument :
BNA_G
ClientSampleId :
PB158757BL

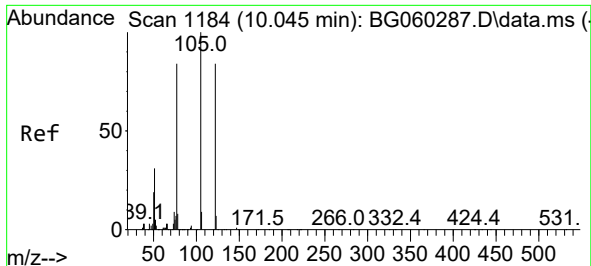
Tgt Ion:136 Resp: 492162
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.4
54 8.3 6.2 9.2
68 6.6 6.3 9.5



#23
Nitrobenzene-d5
Concen: 84.102 ng
RT: 9.080 min Scan# 1020
Delta R.T. -0.013 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion: 82 Resp: 876570
Ion Ratio Lower Upper
82 100
128 37.1 29.6 44.4
54 43.4 33.6 50.4

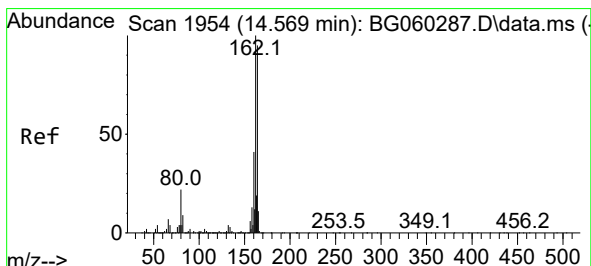
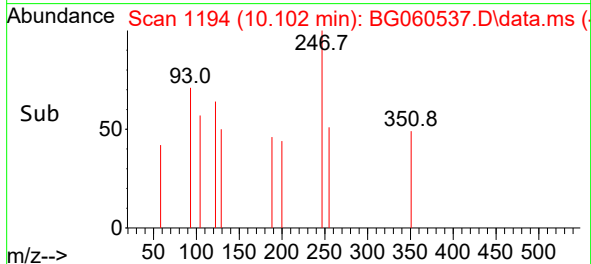
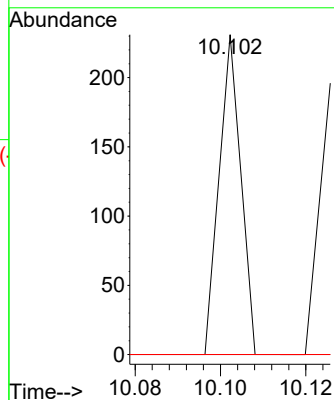
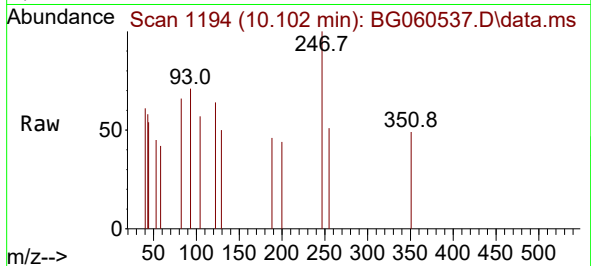




#32
Benzoic acid
Concen: 10.215 ng
RT: 10.102 min Scan# 1184
Delta R.T. 0.057 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

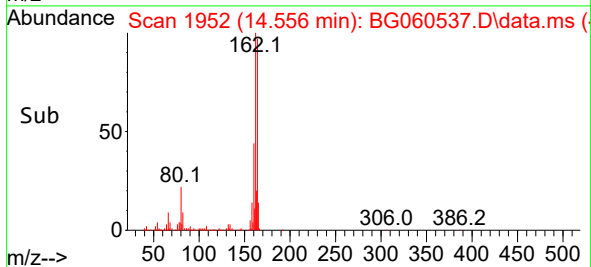
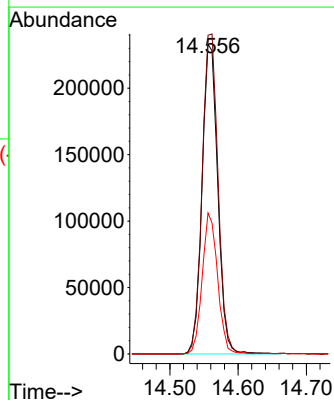
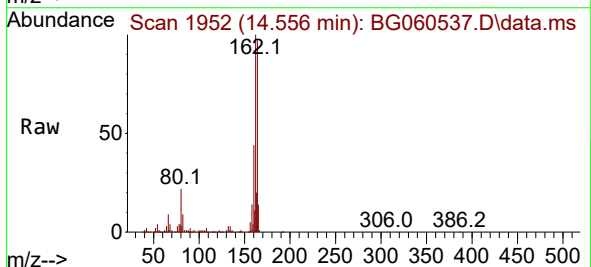
Instrument :
BNA_G
ClientSampleId :
PB158757BL

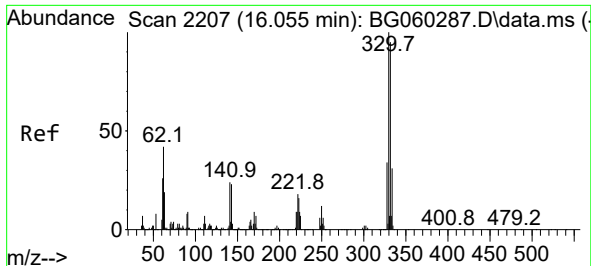
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.013 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:164 Resp: 372093
Ion Ratio Lower Upper
164 100
162 103.0 84.4 126.6
160 45.5 34.6 52.0

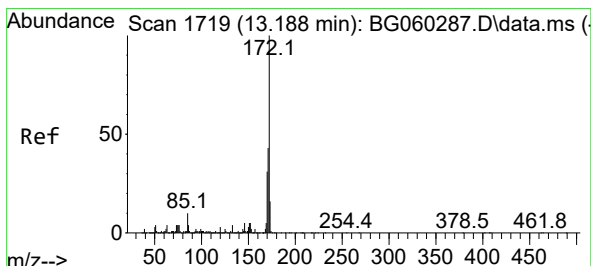
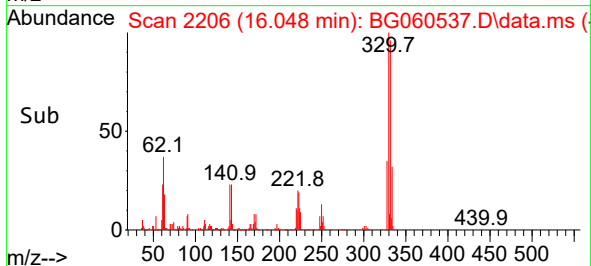
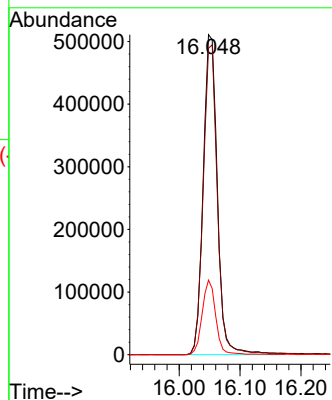
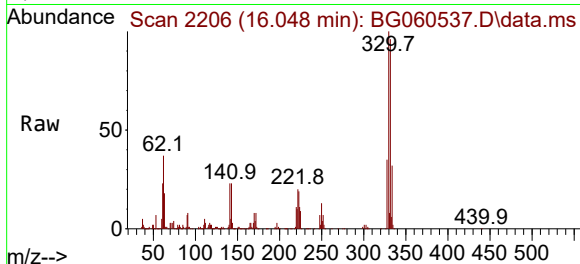




#42
2,4,6-Tribromophenol
Concen: 150.798 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

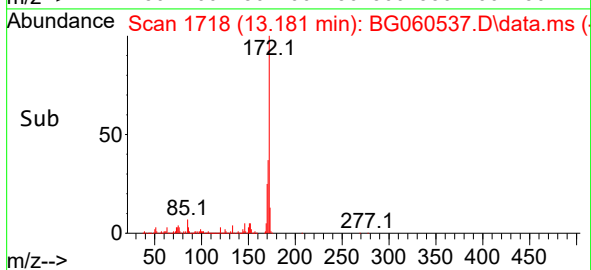
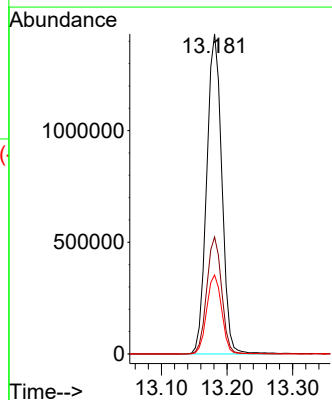
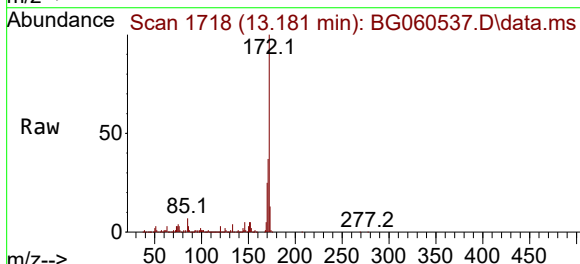
Instrument :
BNA_G
ClientSampleId :
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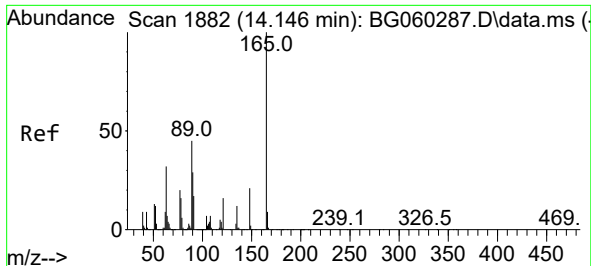
Tgt Ion:330 Resp: 825552
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 22.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 86.019 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:172 Resp: 2302152
Ion Ratio Lower Upper
172 100
171 36.6 34.6 51.8
170 24.7 24.4 36.6

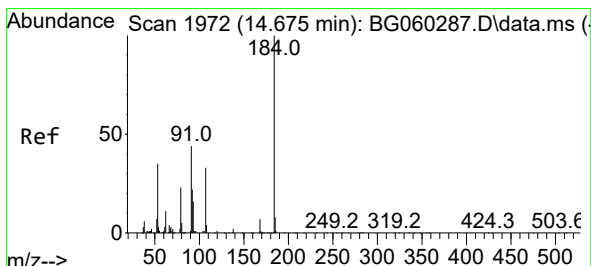
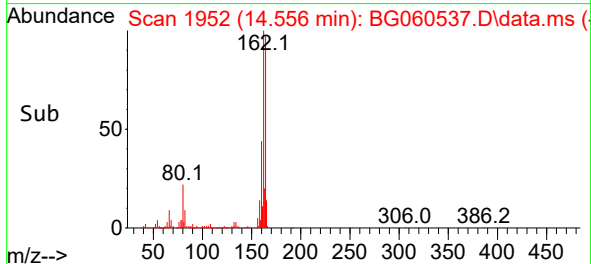
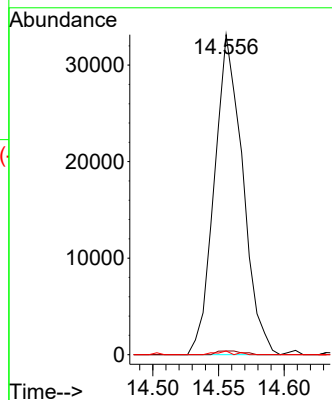
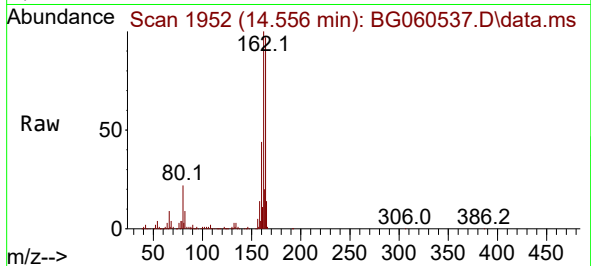




#51
2,6-Dinitrotoluene
Concen: 8.207 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.410 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

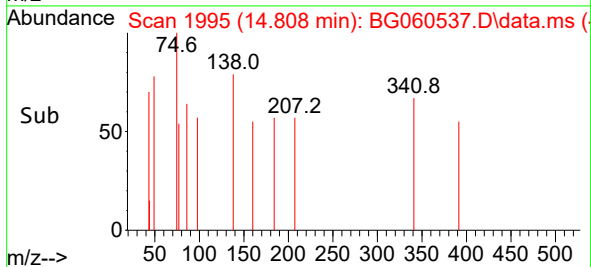
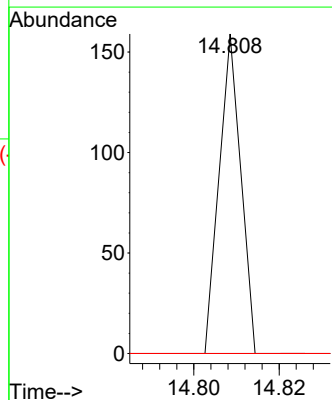
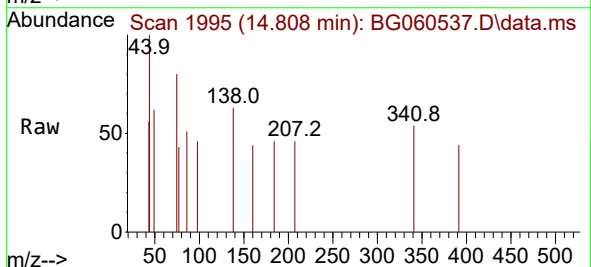
Instrument :
BNA_G
ClientSampleId :
PB158757BL

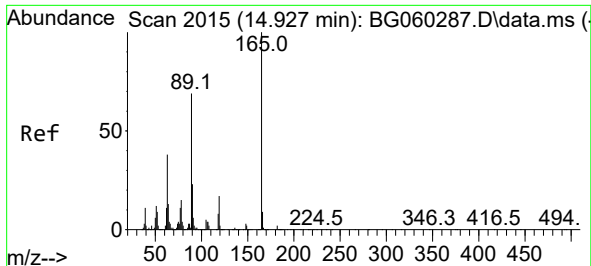
Tgt Ion:165 Resp: 49798
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.600 ng
RT: 14.808 min Scan# 1995
Delta R.T. 0.133 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.985 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.371 min

Lab File: BG060537.D

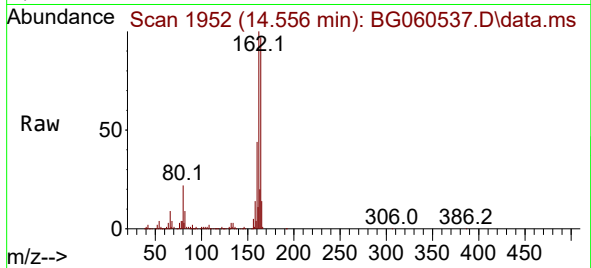
Acq: 1 Feb 2024 17:38

Instrument :

BNA_G

ClientSampleId :

PB158757BL



Tgt Ion:165 Resp: 49798

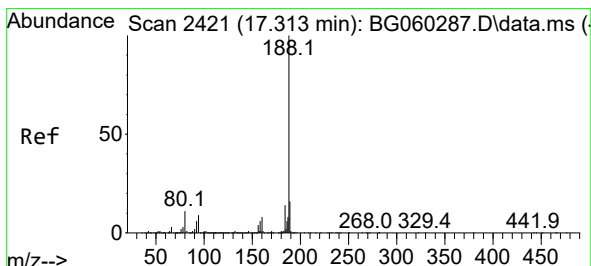
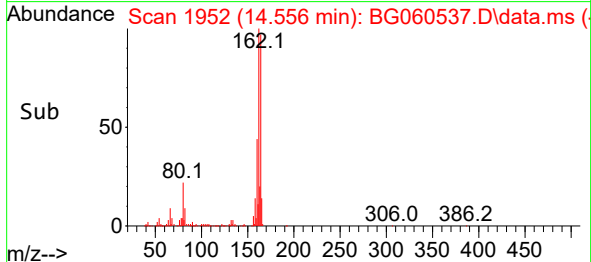
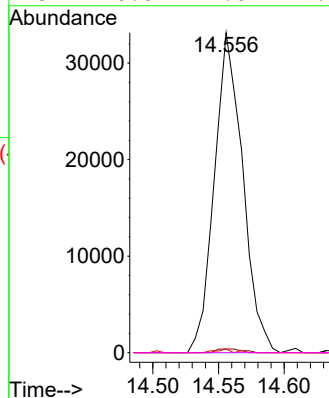
Ion Ratio Lower Upper

165 100

63 1.2 30.4 45.6#

89 1.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2420

Delta R.T. -0.007 min

Lab File: BG060537.D

Acq: 1 Feb 2024 17:38

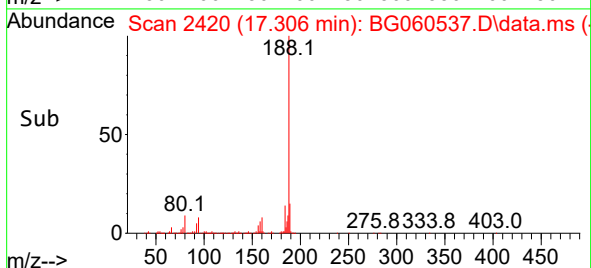
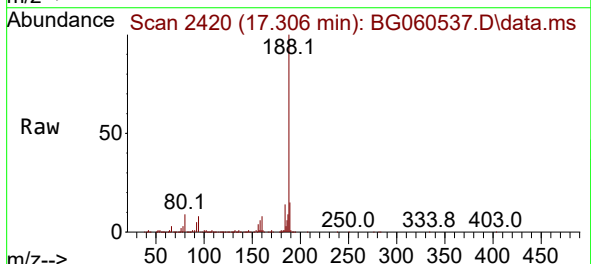
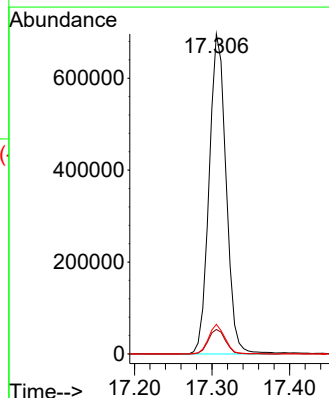
Tgt Ion:188 Resp: 1059145

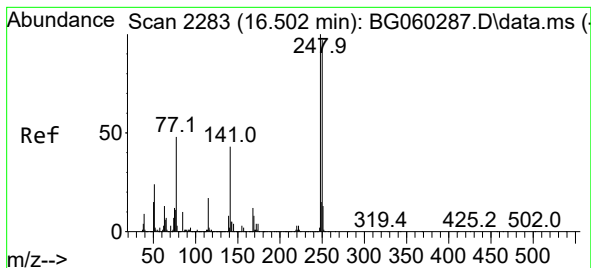
Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

80 9.3 8.5 12.7

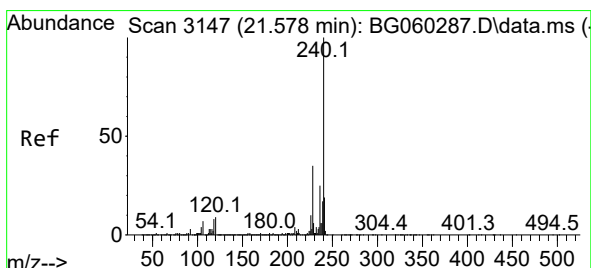
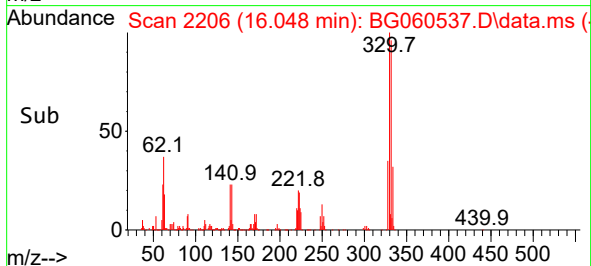
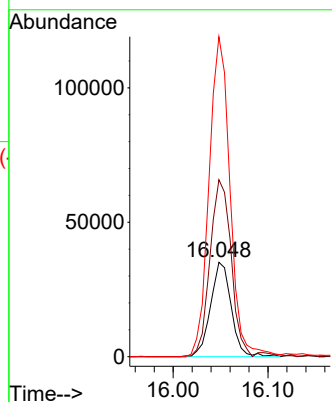
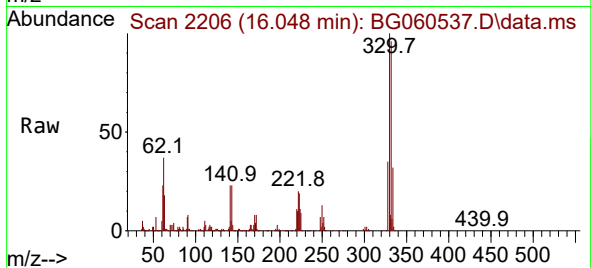




#67
4-Bromophenyl-phenylether
Concen: 4.577 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

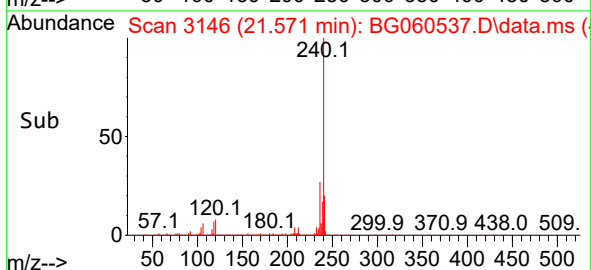
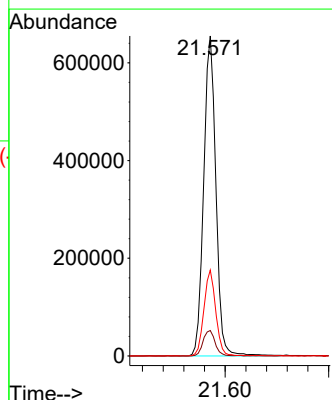
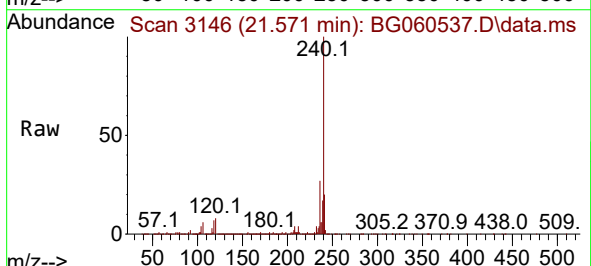
Instrument :
BNA_G
ClientSampleId :
PB158757BL

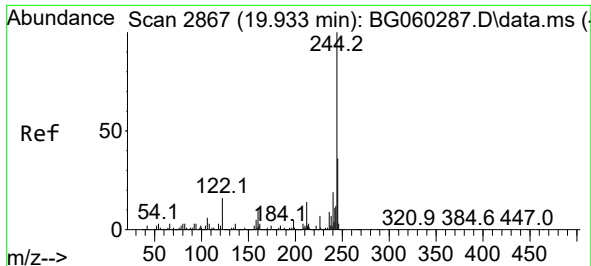
Tgt Ion:248 Resp: 53267
Ion Ratio Lower Upper
248 100
250 144.7 77.6 116.4#
141 261.6 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:240 Resp: 1071735
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 26.9 20.3 30.5

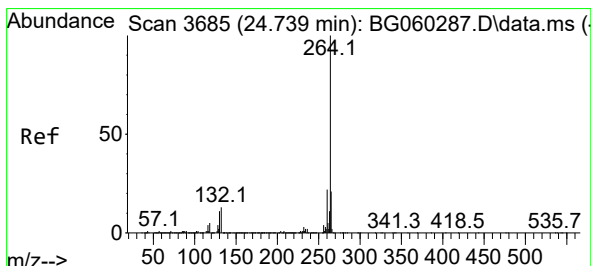
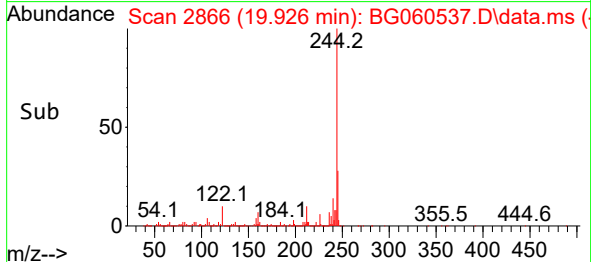
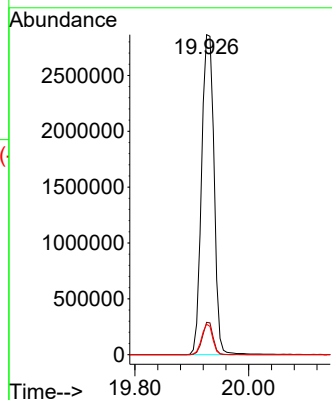
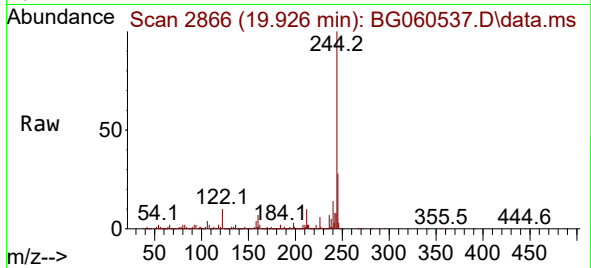




#79
 Terphenyl-d14
 Concen: 120.496 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060537.D
 Acq: 1 Feb 2024 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB158757BL

Tgt Ion:244 Resp: 4360244
 Ion Ratio Lower Upper
 244 100
 212 10.1 10.9 16.3#
 122 9.5 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.732 min Scan# 3684
 Delta R.T. -0.007 min
 Lab File: BG060537.D
 Acq: 1 Feb 2024 17:38

Tgt Ion:264 Resp: 1221622
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.6
 265 22.1 16.8 25.2

