

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060397.D
 Acq On : 23 Jan 2024 10:26
 Operator : MA/JU
 Sample : PB158566BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158566BL

Quant Time: Jan 23 10:59:22 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)

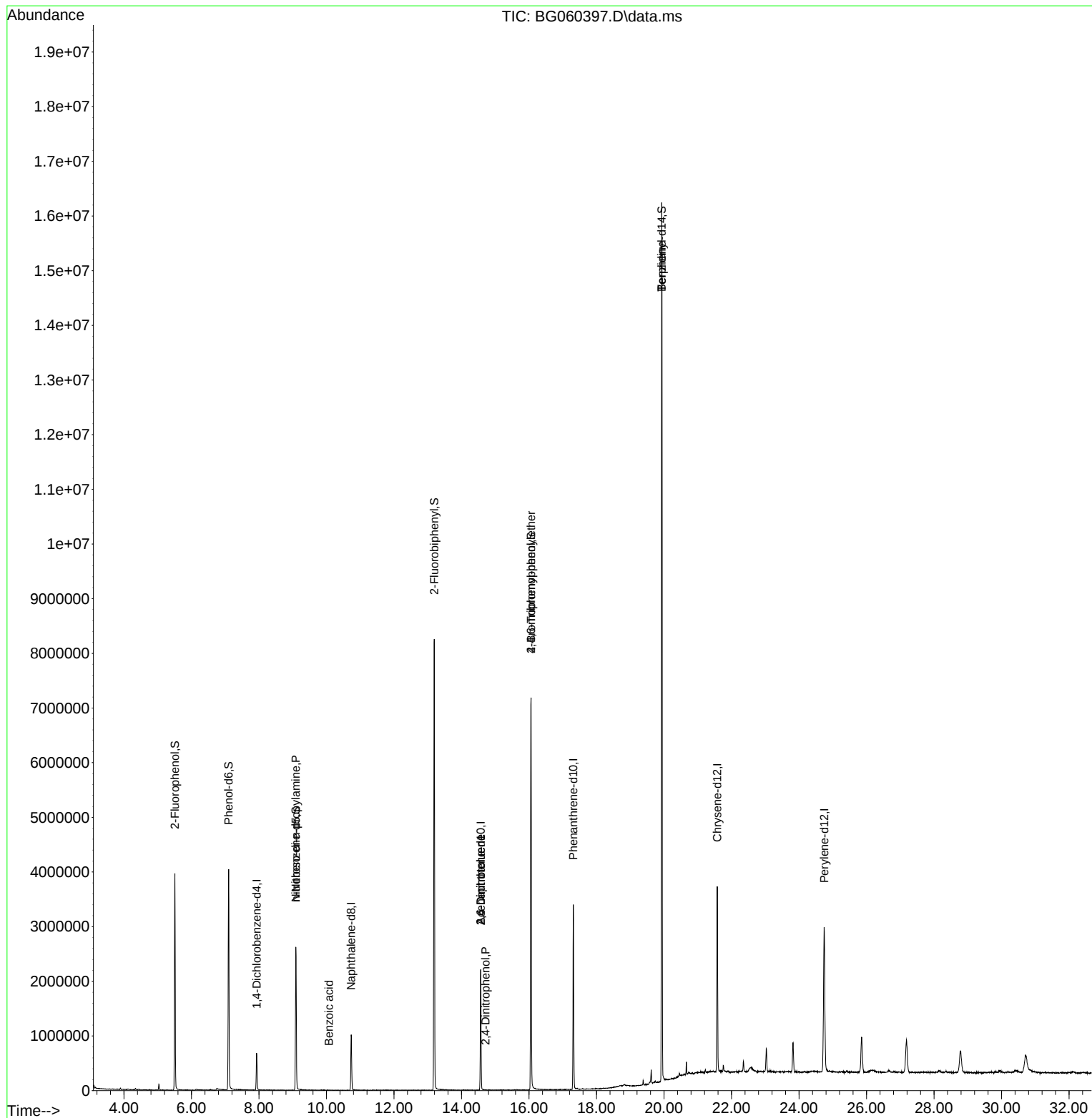
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	216912	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	931135	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	811912	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	2253644	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2099854	20.000	ng	0.00
86) Perylene-d12	24.744	264	2278887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1879097	142.487	ng	0.00
7) Phenol-d6	7.100	99	2746097	140.623	ng	0.00
23) Nitrobenzene-d5	9.092	82	1810982	91.839	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	1659740	138.942	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4630064	79.285	ng	0.00
79) Terphenyl-d14	19.932	244	6681597	77.711	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	225774	16.705	ng	# 81
32) Benzoic acid	10.073	122	83	10.208	ng	# 1
51) 2,6-Dinitrotoluene	14.568	165	108659	8.207	ng	# 33
54) 2,4-Dinitrophenol	14.709	184	224	8.612	ng	# 27
57) 2,4-Dinitrotoluene	14.568	165	108659	5.985	ng	# 25
67) 4-Bromophenyl-phenylether	16.060	248	108237	4.371	ng	# 1
77) Benzidine	19.932	184	147670	3.237	ng	# 94

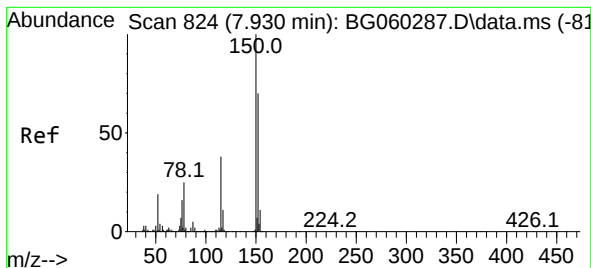
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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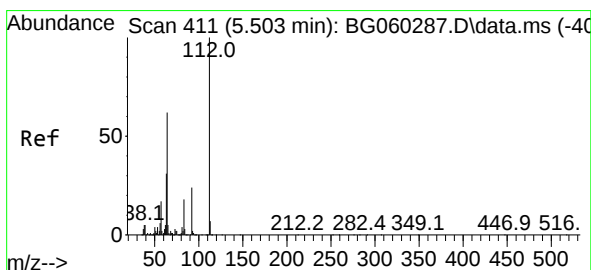
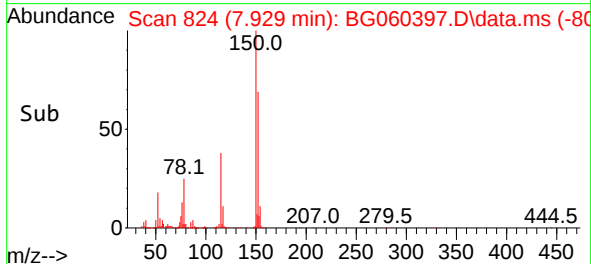
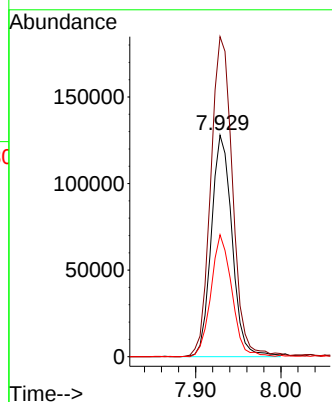
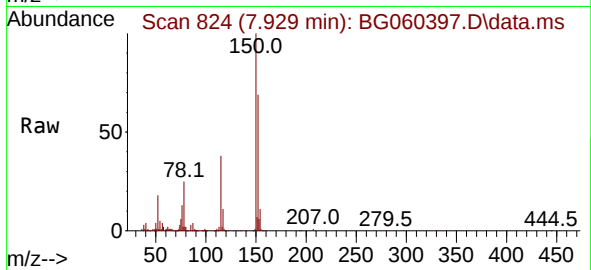




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

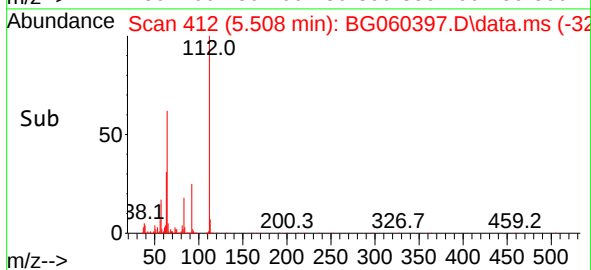
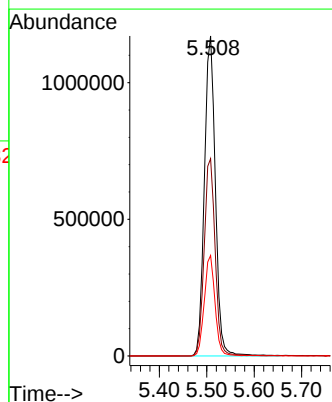
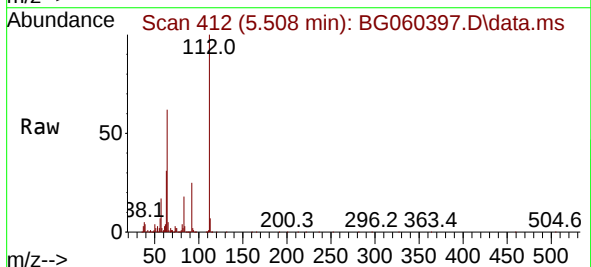
Instrument :
BNA_G
ClientSampleId :
PB158566BL

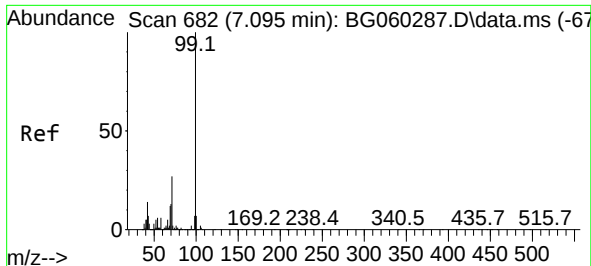
Tgt Ion:152 Resp: 216912
Ion Ratio Lower Upper
152 100
150 144.5 114.5 171.7
115 55.1 43.0 64.6



#5
2-Fluorophenol
Concen: 142.487 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:112 Resp: 1879097
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 31.4 24.4 36.6

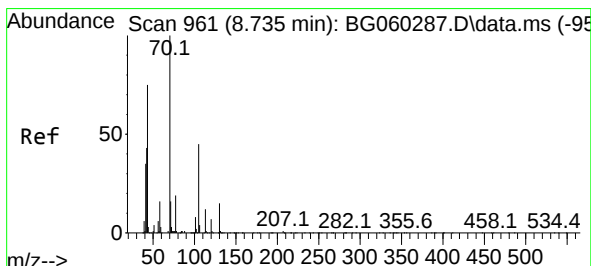
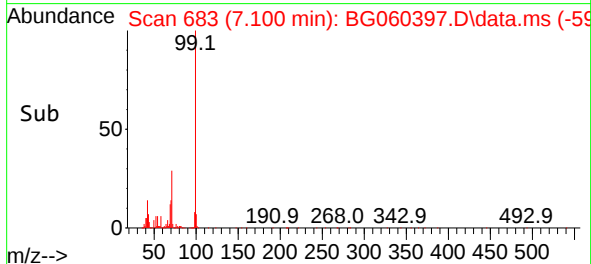
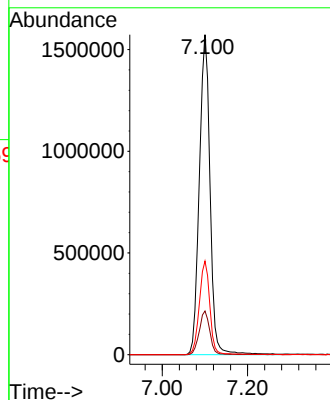
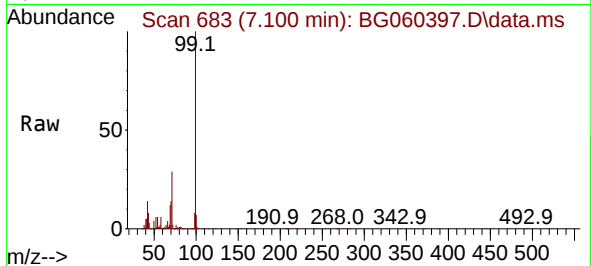




#7
Phenol-d6
Concen: 140.623 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

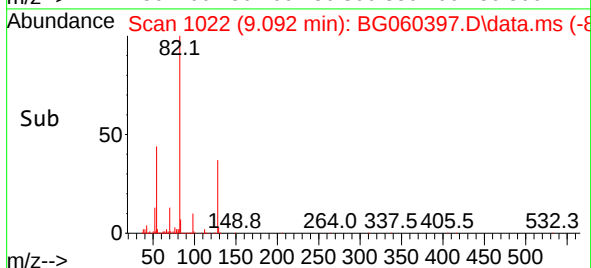
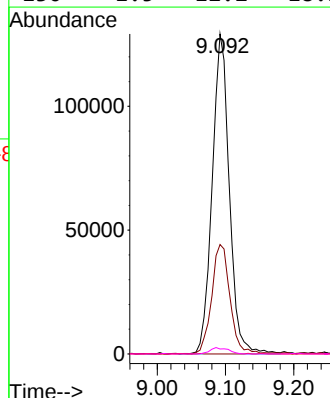
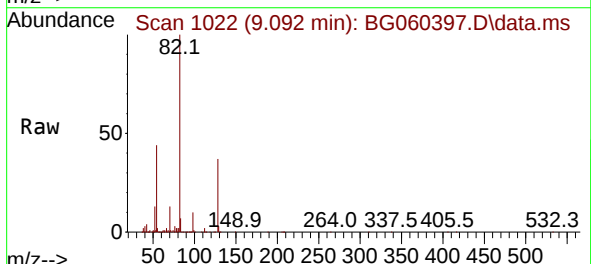
Instrument :
BNA_G
ClientSampleId :
PB158566BL

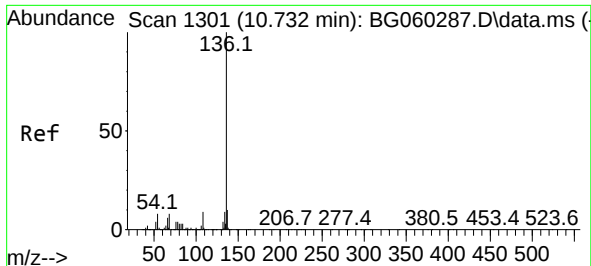
Tgt Ion: 99 Resp: 2746097
Ion Ratio Lower Upper
99 100
42 13.6 10.9 16.3
71 29.2 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.705 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.357 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion: 70 Resp: 225774
Ion Ratio Lower Upper
70 100
42 34.2 34.3 51.5#
101 0.0 6.2 9.2#
130 1.5 12.2 18.2#

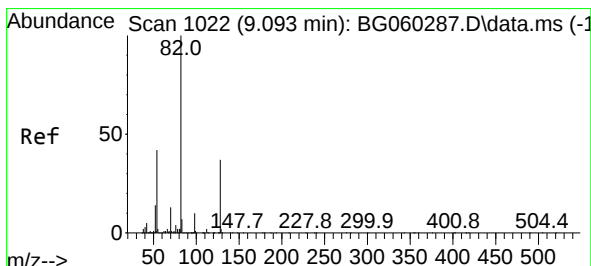
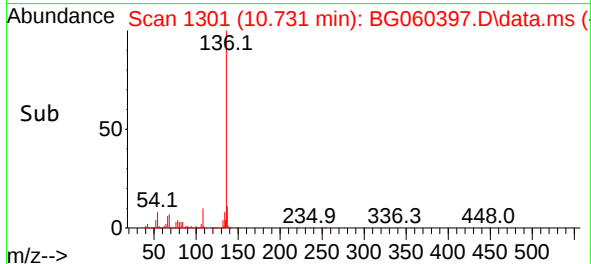
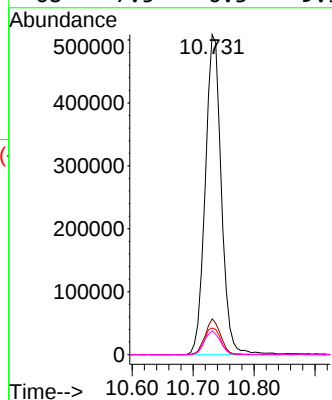
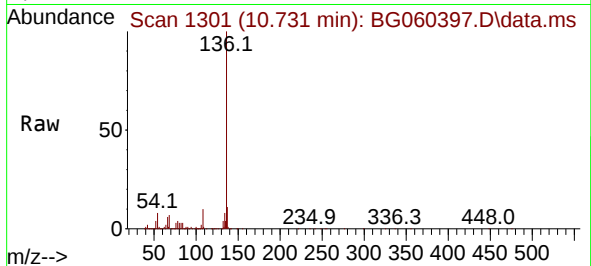




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

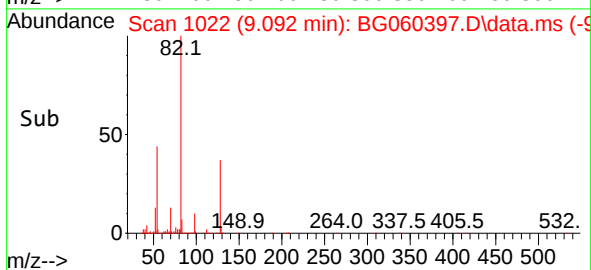
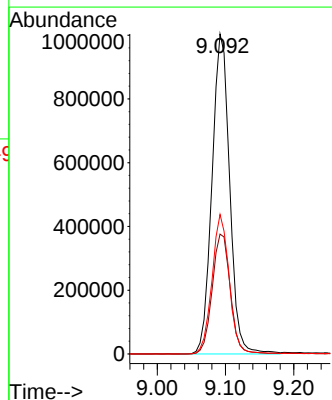
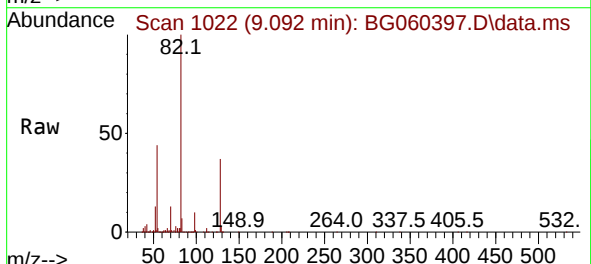
Instrument :
BNA_G
ClientSampleId :
PB158566BL

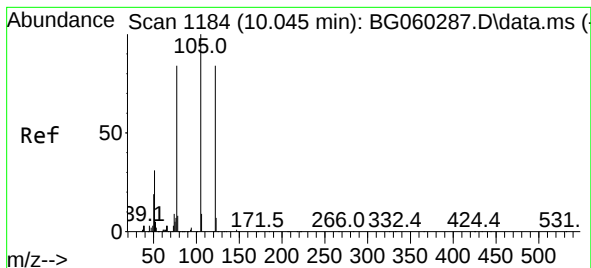
Tgt Ion:	136	Resp:	931135
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	8.3	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 91.839 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:	82	Resp:	1810982
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.6	44.4
54	43.6	33.6	50.4





#32

Benzoic acid

Concen: 10.208 ng

RT: 10.073 min Scan# 1184

Delta R.T. 0.028 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

Instrument :

BNA_G

ClientSampleId :

PB158566BL

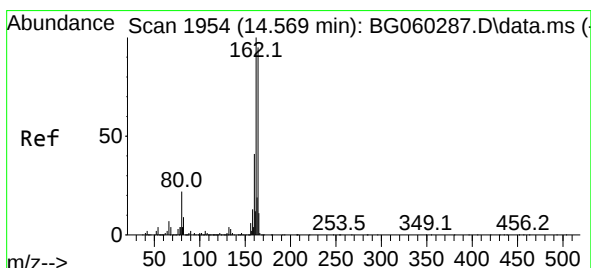
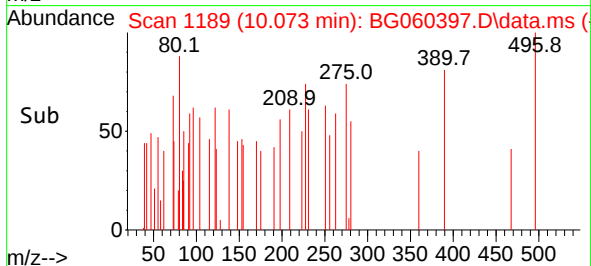
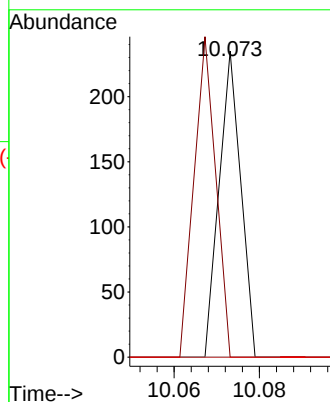
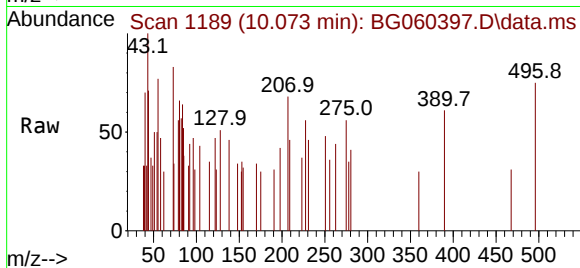
Tgt Ion:122 Resp: 83

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: 14.568 min Scan# 1954

Delta R.T. -0.001 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

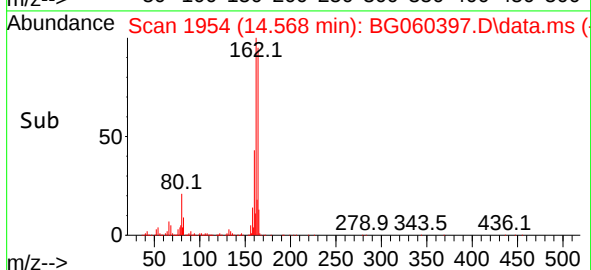
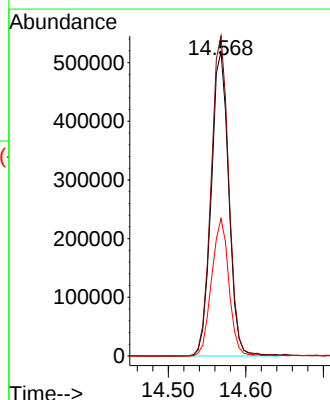
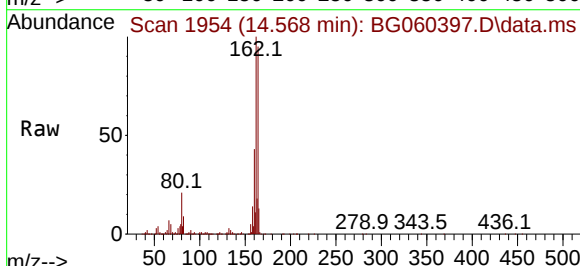
Tgt Ion:164 Resp: 811912

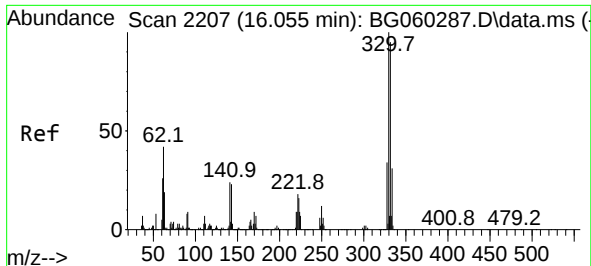
Ion Ratio Lower Upper

164 100

162 105.0 84.4 126.6

160 45.1 34.6 52.0

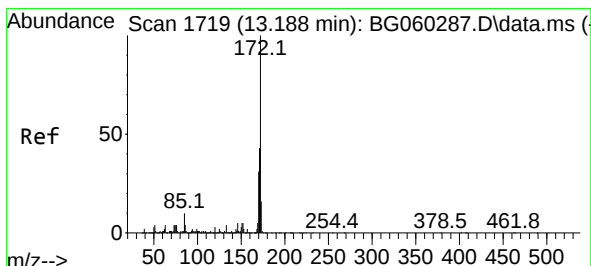
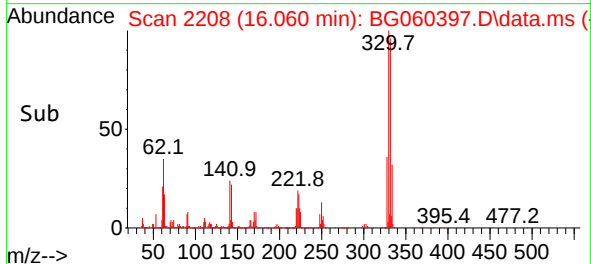
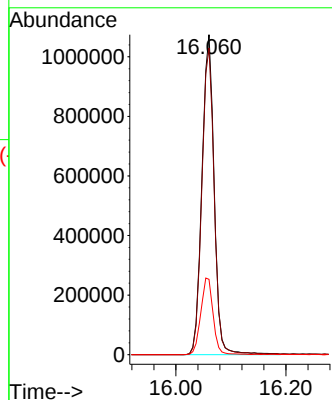
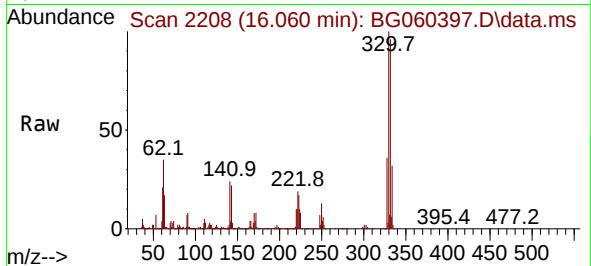




#42
2,4,6-Tribromophenol
Concen: 138.942 ng
RT: 16.060 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

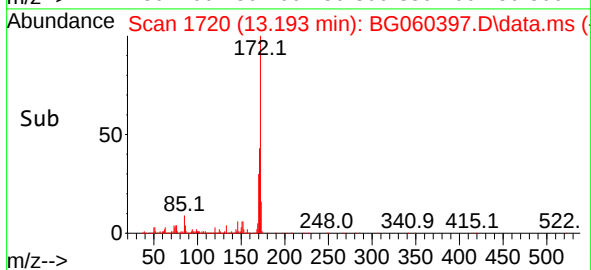
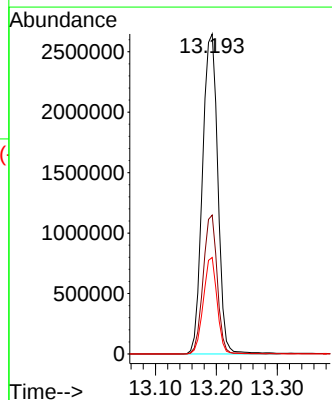
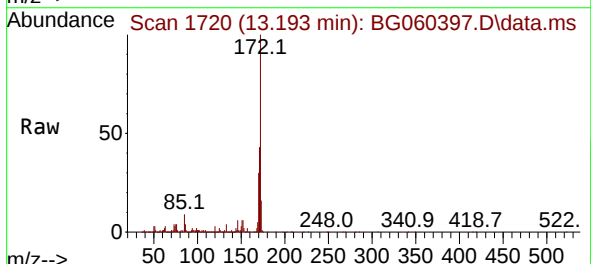
Instrument :
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ClientSampleId :
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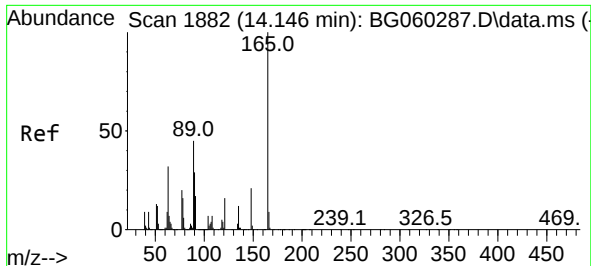
Tgt Ion:330 Resp: 1659740
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.2 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.285 ng
RT: 13.193 min Scan# 1720
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:172 Resp: 4630064
Ion Ratio Lower Upper
172 100
171 43.4 34.6 51.8
170 30.1 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.207 ng

RT: 14.568 min Scan# 1954

Delta R.T. 0.422 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

Instrument :

BNA_G

ClientSampleId :

PB158566BL

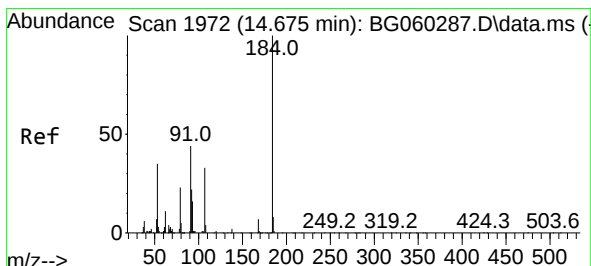
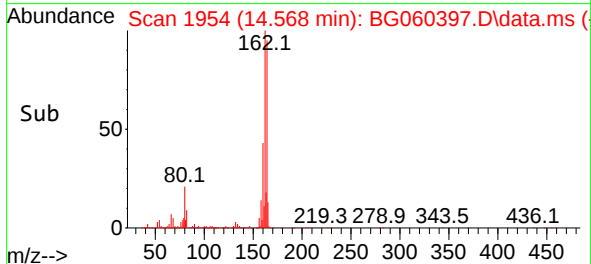
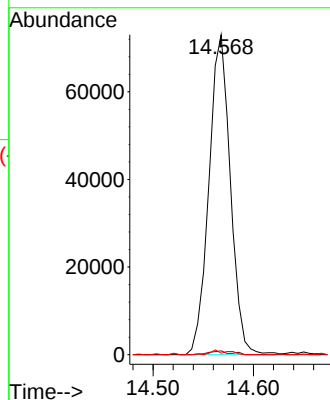
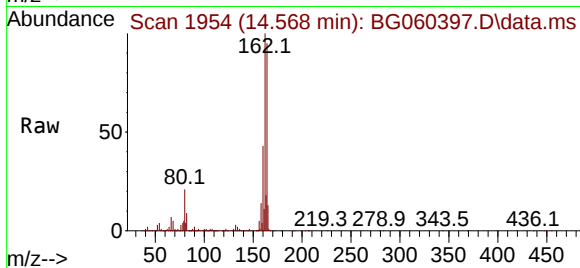
Tgt Ion:165 Resp: 108659

Ion Ratio Lower Upper

165 100

63 1.2 35.0 52.4#

89 0.4 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.612 ng

RT: 14.709 min Scan# 1978

Delta R.T. 0.034 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

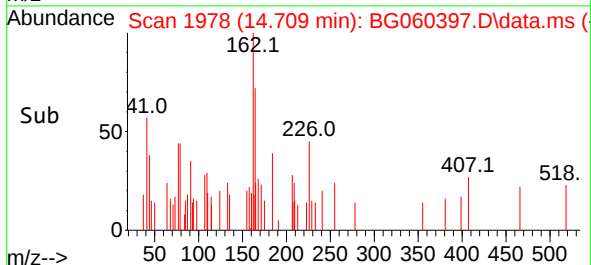
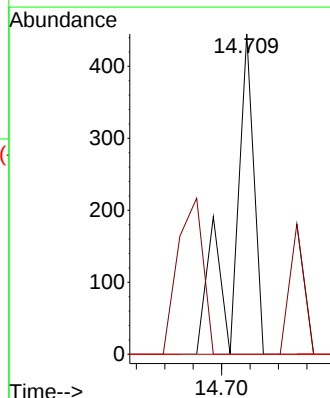
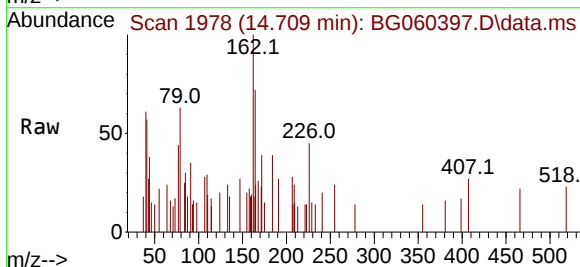
Tgt Ion:184 Resp: 224

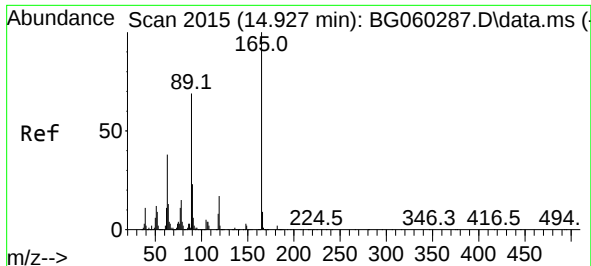
Ion Ratio Lower Upper

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: 14.568 min Scan# 1954

Delta R.T. -0.359 min

Lab File: BG060397.D

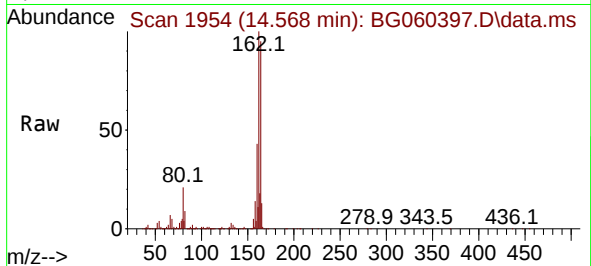
Acq: 23 Jan 2024 10:26

Instrument :

BNA_G

ClientSampleId :

PB158566BL



Tgt Ion:165 Resp: 108659

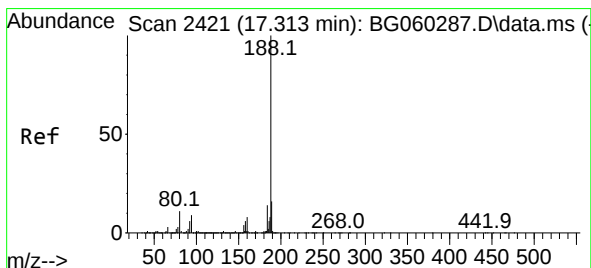
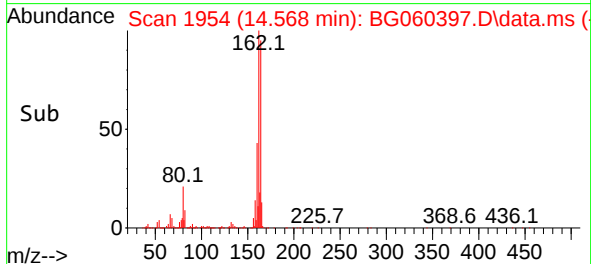
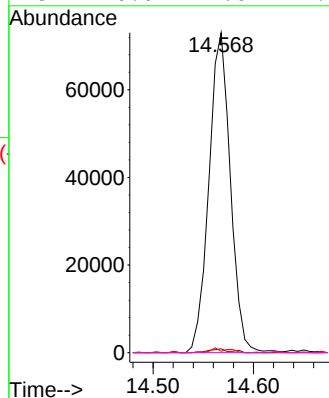
Ion Ratio Lower Upper

165 100

63 1.2 30.4 45.6#

89 0.4 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

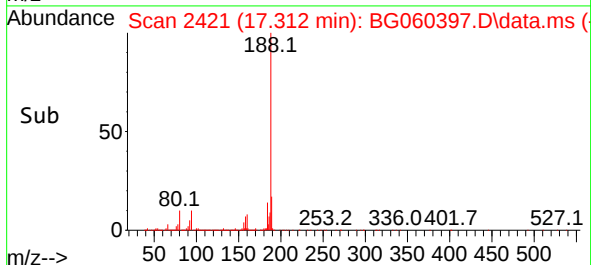
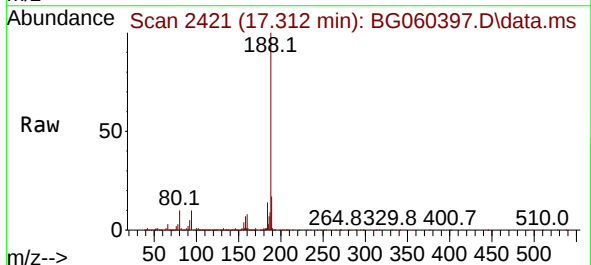
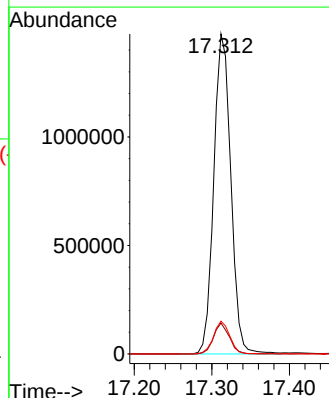
Tgt Ion:188 Resp: 2253644

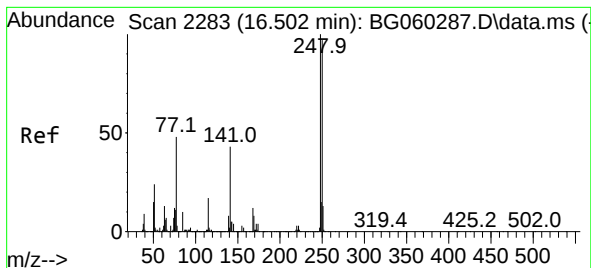
Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.3 8.5 12.7

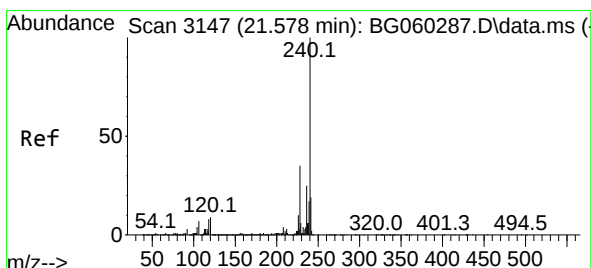
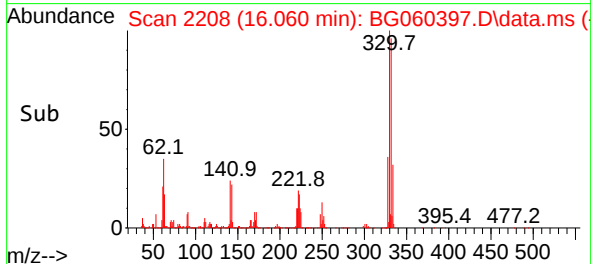
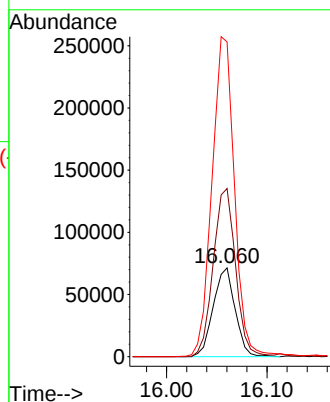
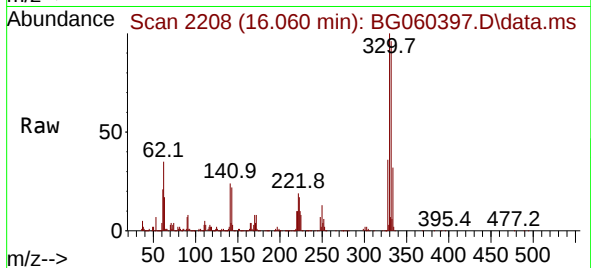




#67
4-Bromophenyl-phenylether
Concen: 4.371 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

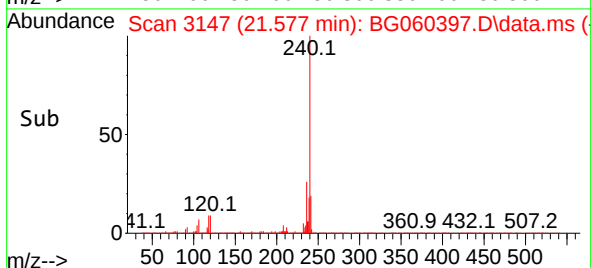
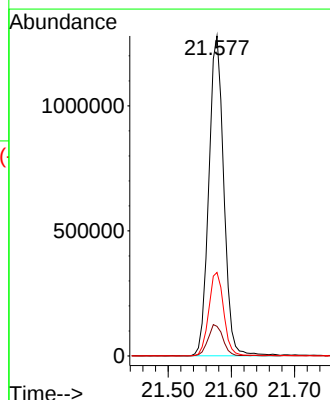
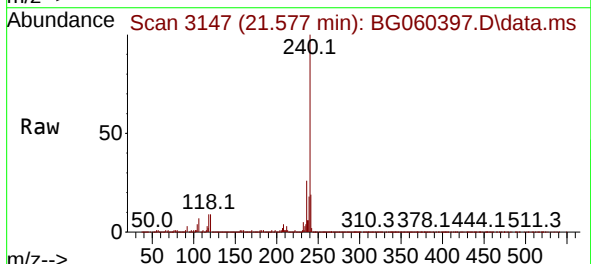
Instrument :
BNA_G
ClientSampleId :
PB158566BL

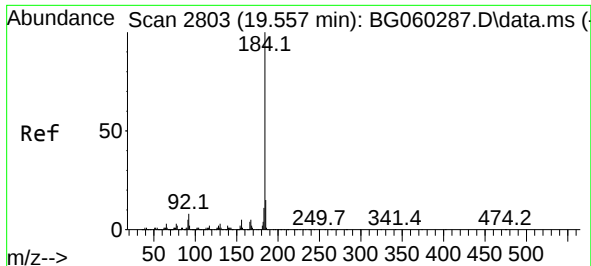
Tgt Ion:248 Resp: 108237
Ion Ratio Lower Upper
248 100
250 189.4 77.6 116.4#
141 354.5 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:240 Resp: 2099854
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.1 20.3 30.5

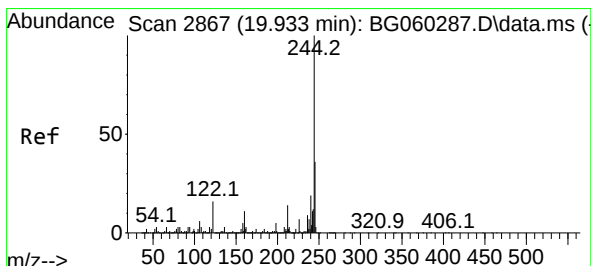
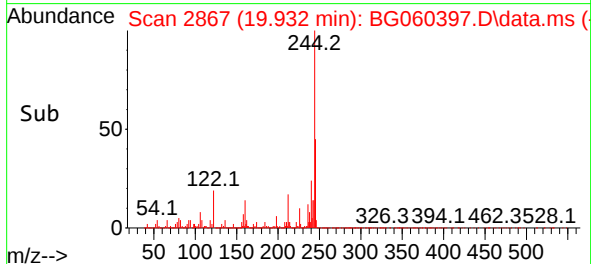
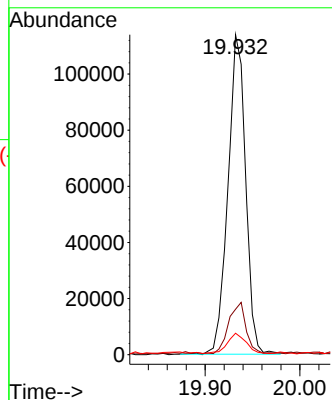
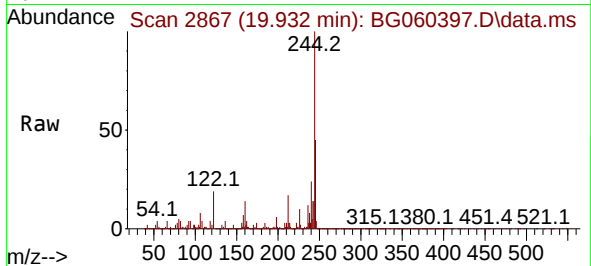




#77
Benzidine
Concen: 3.237 ng
RT: 19.932 min Scan# 21
Delta R.T. 0.375 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

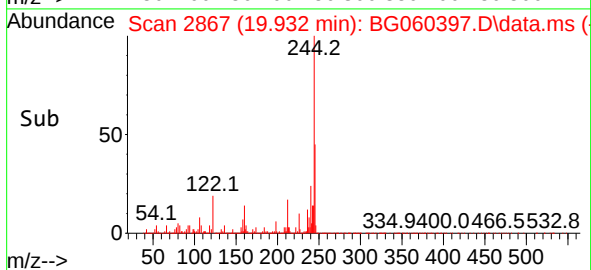
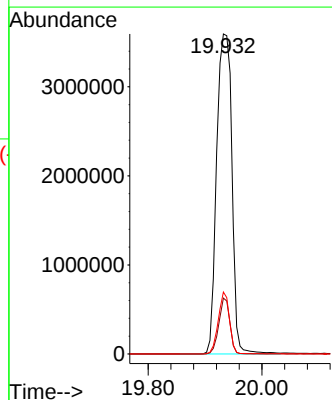
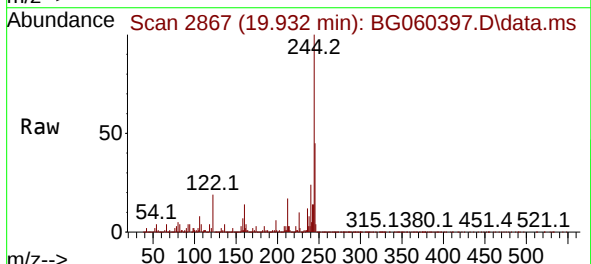
Instrument :
BNA_G
ClientSampleId :
PB158566BL

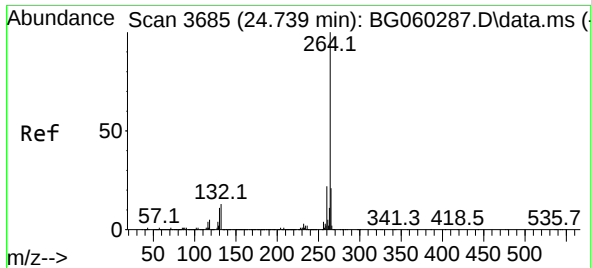
Tgt Ion:184 Resp: 147670
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.4
183 6.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 77.711 ng
RT: 19.932 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:244 Resp: 6681597
Ion Ratio Lower Upper
244 100
212 17.4 10.9 16.3#
122 19.3 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.744 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BG060397.D
 Acq: 23 Jan 2024 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB158566BL

Tgt Ion:264 Resp: 2278887
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.8 26.6
 265 21.6 16.8 25.2

