

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060422.D
 Acq On : 24 Jan 2024 19:39
 Operator : MA/JU
 Sample : P1234-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 293

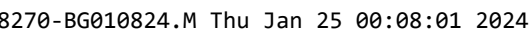
Quant Time: Jan 25 00:07:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

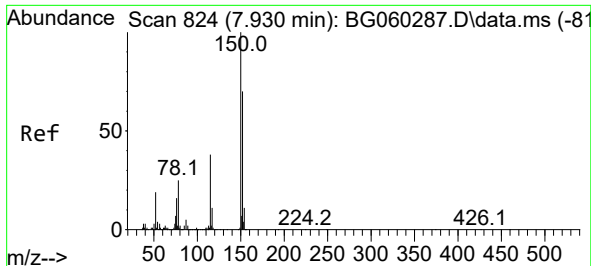
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	154566	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	671479	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	564932	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1561862	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1423767	20.000	ng	0.00
86) Perylene-d12	24.739	264	1604071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1173389	124.864	ng	0.00
7) Phenol-d6	7.089	99	1444987	103.842	ng	0.00
23) Nitrobenzene-d5	9.087	82	870814	61.238	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	974180	117.205	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	2320740	57.114	ng	0.00
79) Terphenyl-d14	19.927	244	4004725	64.888	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	103872	10.785	ng	# 85
32) Benzoic acid	10.056	122	116	10.215	ng	# 1
51) 2,6-Dinitrotoluene	14.563	165	76262	8.279	ng	# 33
54) 2,4-Dinitrophenol	14.692	184	56	8.596	ng	# 1
56) 4-Nitrophenol	14.962	139	14635	2.351	ng	# 8
57) 2,4-Dinitrotoluene	14.563	165	76262	6.037	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	60418	3.521	ng	# 1
71) Phenanthrene	17.354	178	386298	5.117	ng	92
75) Fluoranthene	19.369	202	447812	4.939	ng	87
78) Pyrene	19.727	202	350374	3.854	ng	# 85

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

Quant Time: Jan 25 00:07:55 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

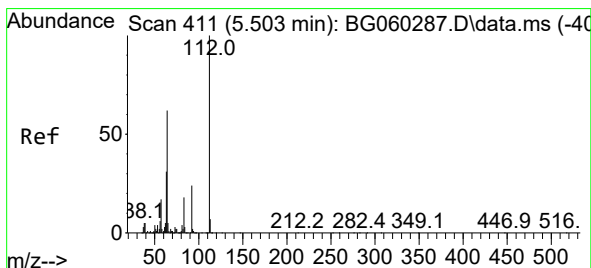
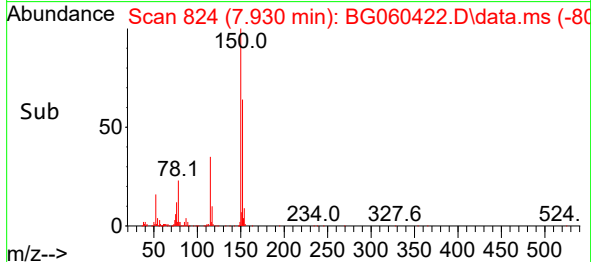
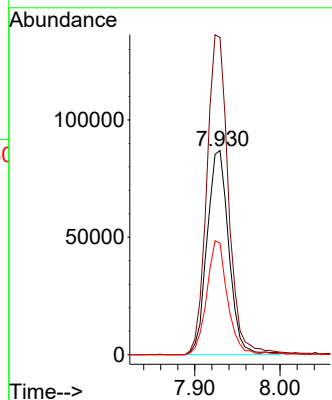
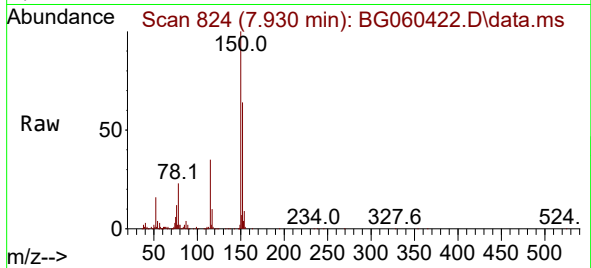




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

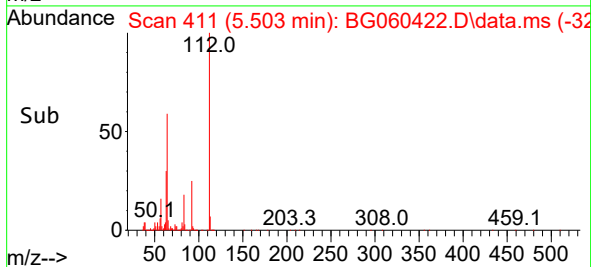
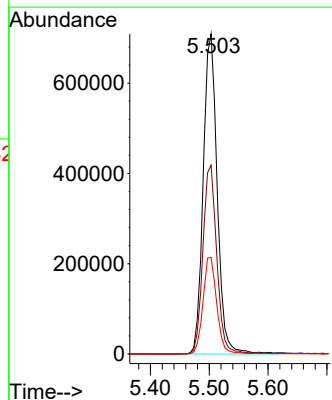
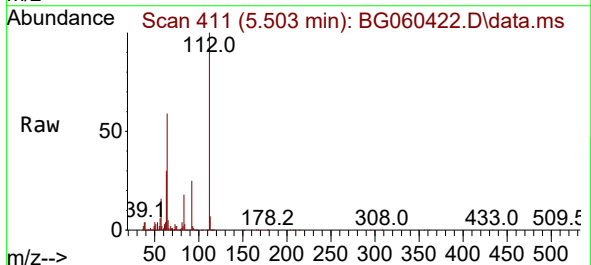
Instrument :
BNA_G
ClientSampleId :
293

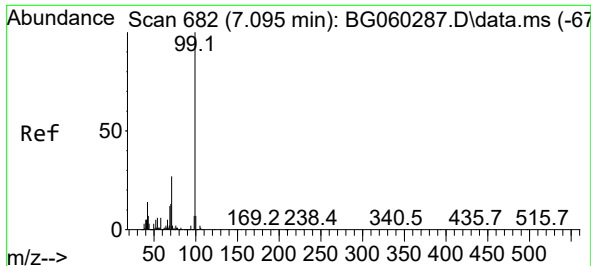
Tgt Ion:152 Resp: 154566
Ion Ratio Lower Upper
152 100
150 155.3 114.5 171.7
115 54.6 43.0 64.6



#5
2-Fluorophenol
Concen: 124.864 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:112 Resp: 1173389
Ion Ratio Lower Upper
112 100
64 58.9 49.8 74.6
63 30.2 24.4 36.6

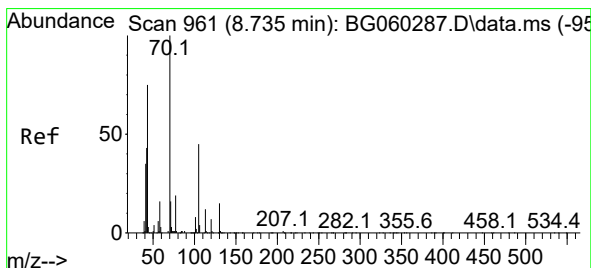
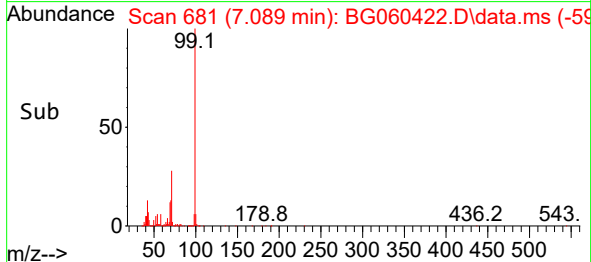
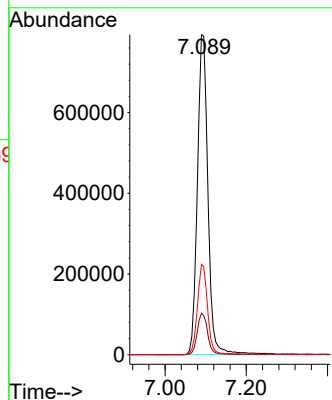
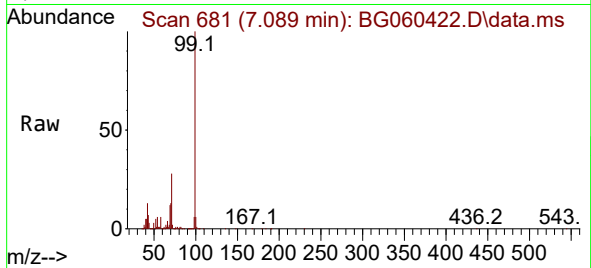




#7
Phenol-d6
Concen: 103.842 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

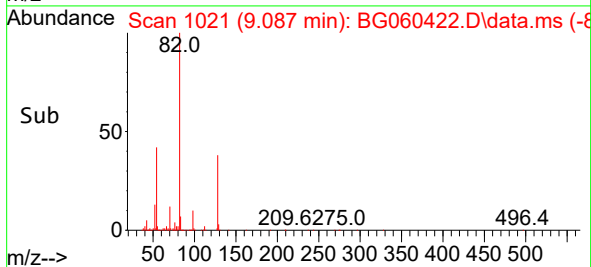
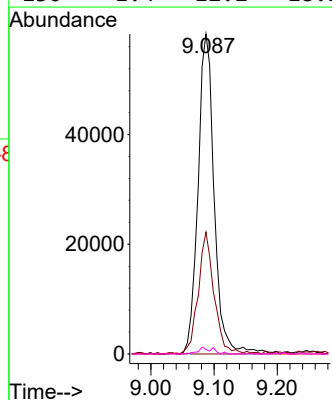
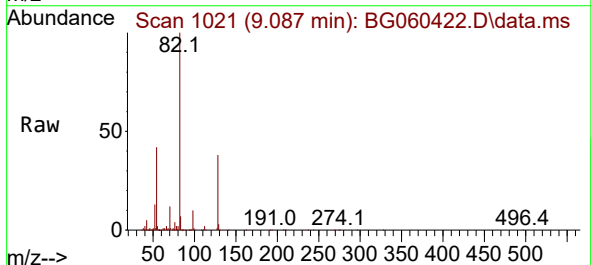
Instrument :
BNA_G
ClientSampleId :
293

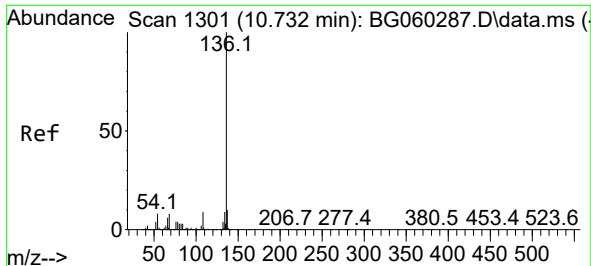
Tgt Ion: 99 Resp: 1444987
Ion Ratio Lower Upper
99 100
42 13.0 10.9 16.3
71 28.2 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.785 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion: 70 Resp: 103872
Ion Ratio Lower Upper
70 100
42 38.1 34.3 51.5
101 0.0 6.2 9.2#
130 1.4 12.2 18.2#

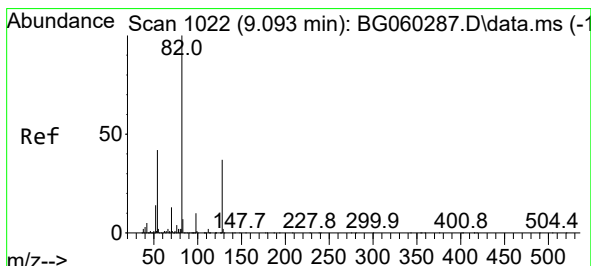
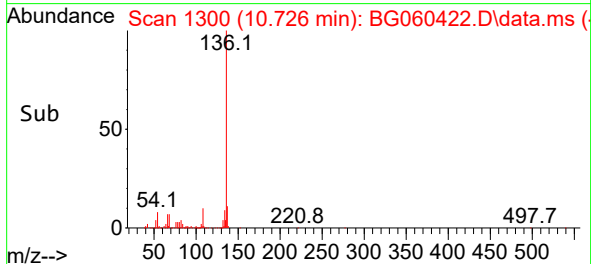
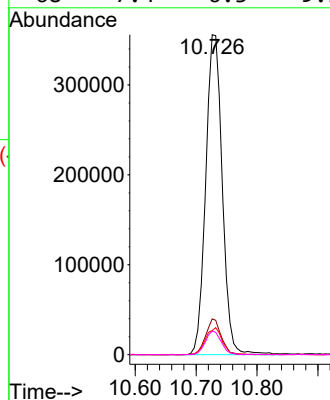
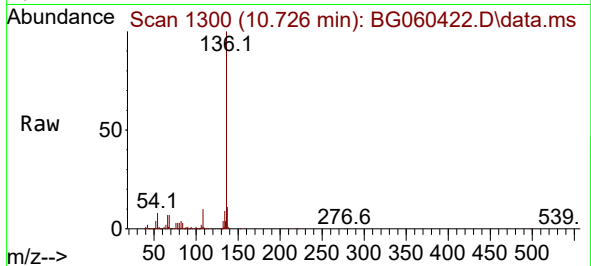




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

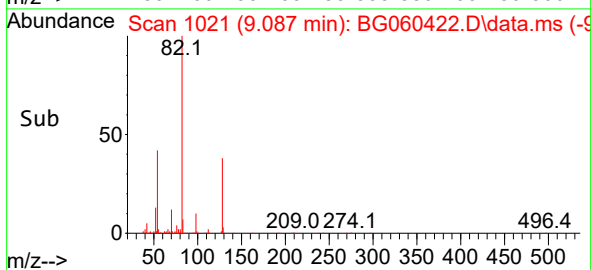
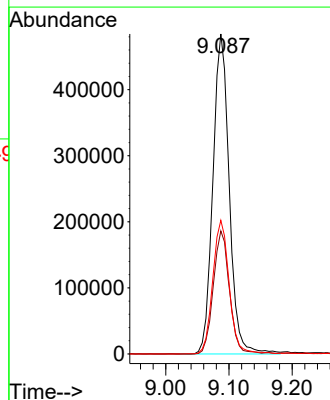
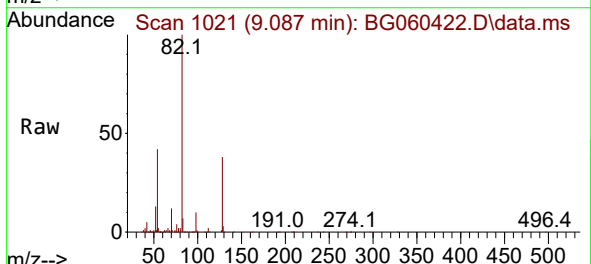
Instrument :
BNA_G
ClientSampleId :
293

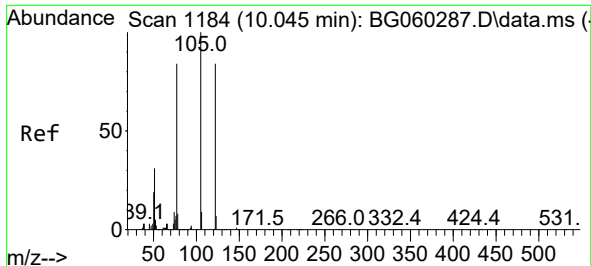
Tgt Ion:136 Resp: 671479
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 7.5 6.2 9.2
68 7.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 61.238 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion: 82 Resp: 870814
Ion Ratio Lower Upper
82 100
128 38.5 29.6 44.4
54 41.8 33.6 50.4

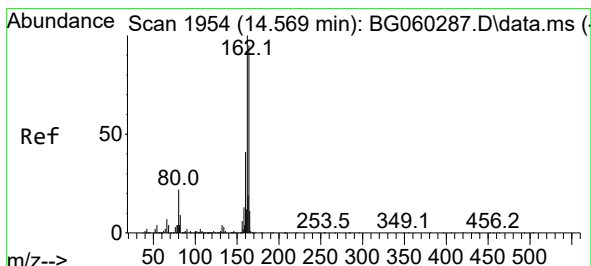
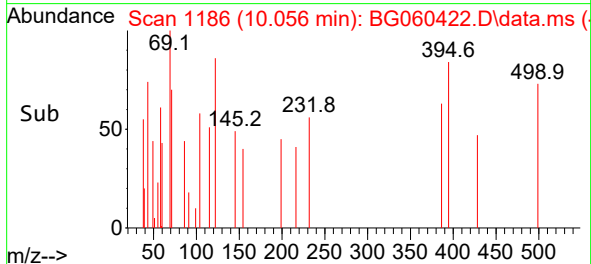
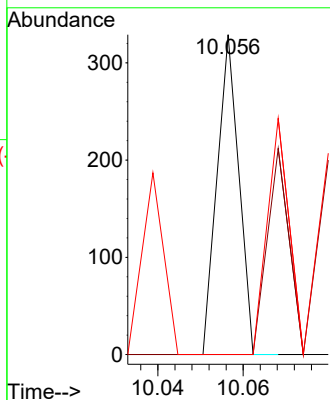
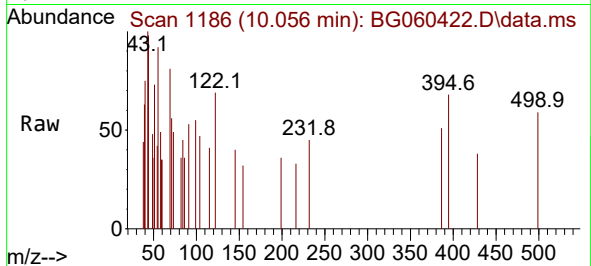




#32
Benzoic acid
Concen: 10.215 ng
RT: 10.056 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

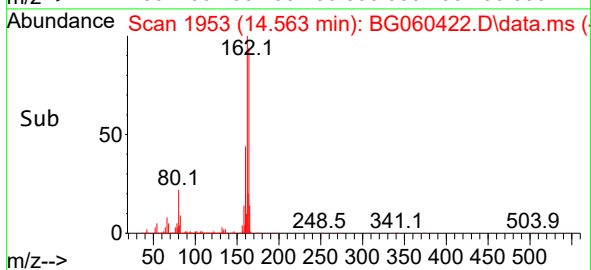
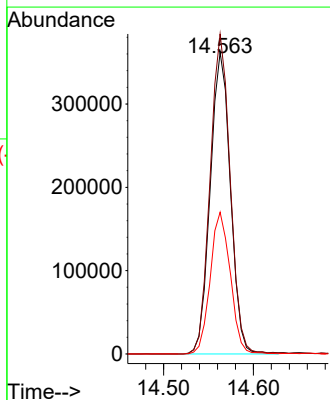
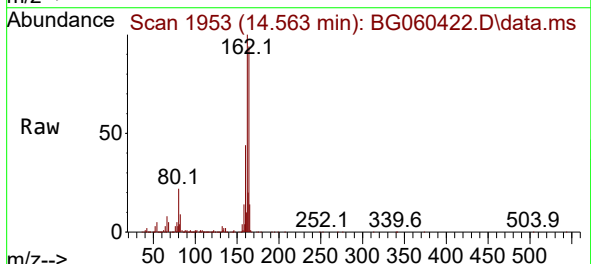
Instrument :
BNA_G
ClientSampleId :
293

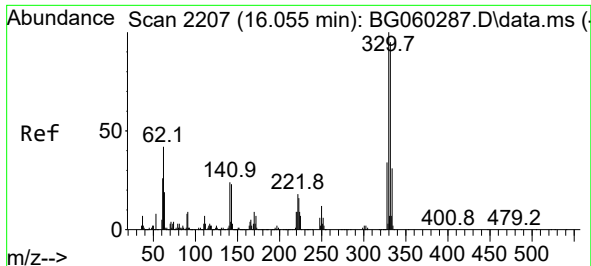
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:164 Resp: 564932
Ion Ratio Lower Upper
164 100
162 106.1 84.4 126.6
160 47.0 34.6 52.0

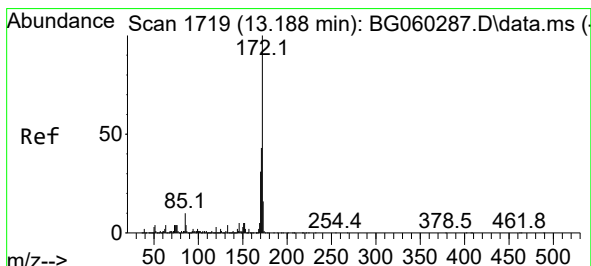
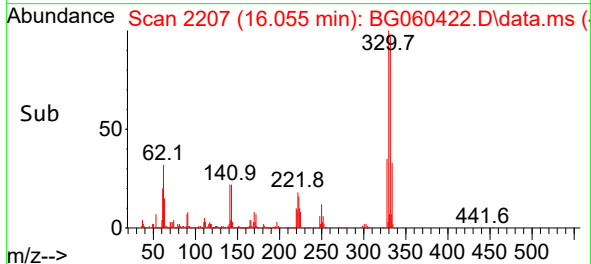
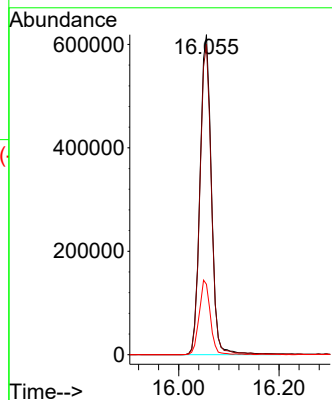
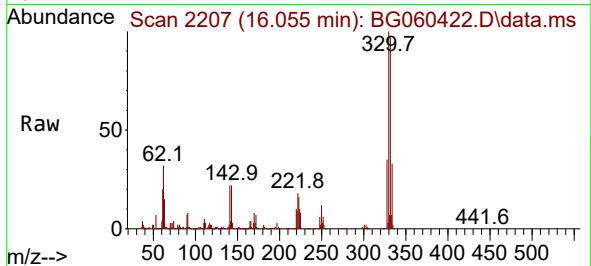




#42
2,4,6-Tribromophenol
Concen: 117.205 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

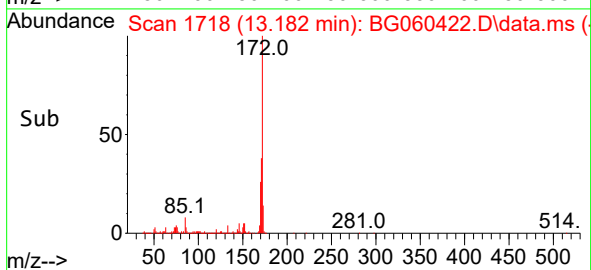
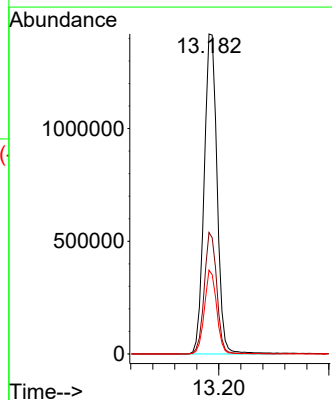
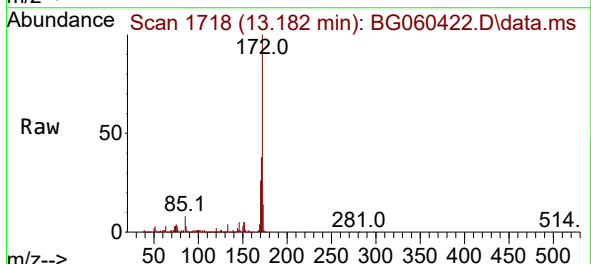
Instrument :
BNA_G
ClientSampleId :
293

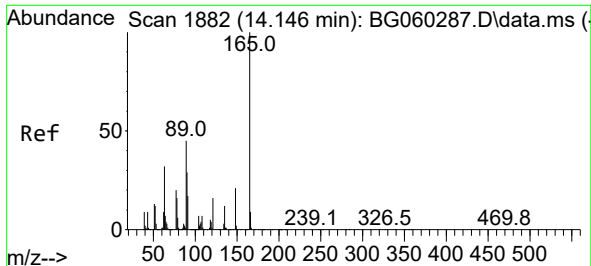
Tgt Ion:330 Resp: 974180
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 22.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 57.114 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:172 Resp: 2320740
Ion Ratio Lower Upper
172 100
171 38.0 34.6 51.8
170 26.2 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.279 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.417 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

Instrument :

BNA_G

ClientSampleId :

293

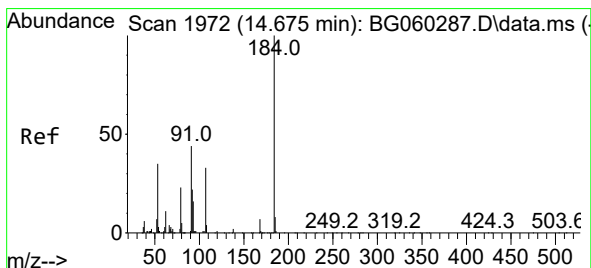
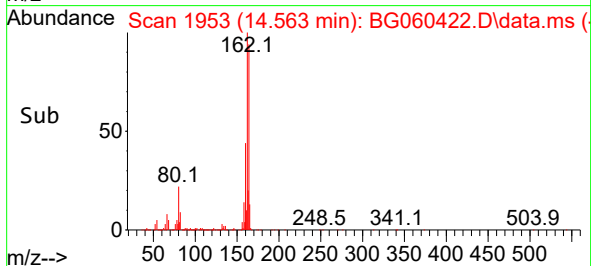
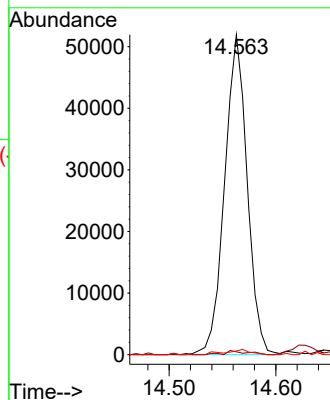
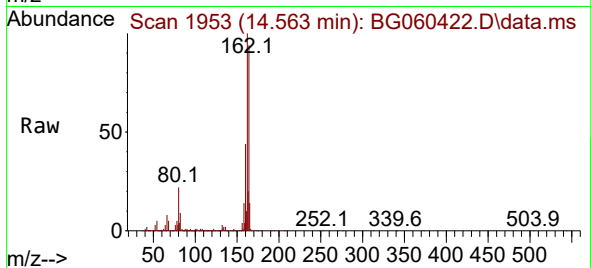
Tgt Ion:165 Resp: 76262

Ion Ratio Lower Upper

165 100

63 0.9 35.0 52.4#

89 1.2 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.596 ng

RT: 14.692 min Scan# 1975

Delta R.T. 0.017 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

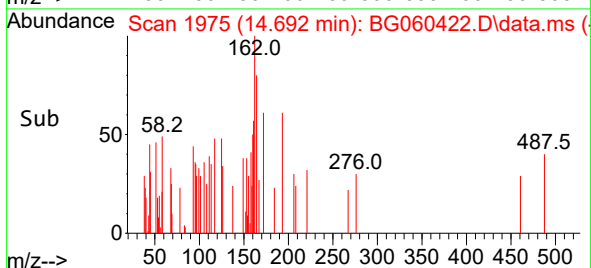
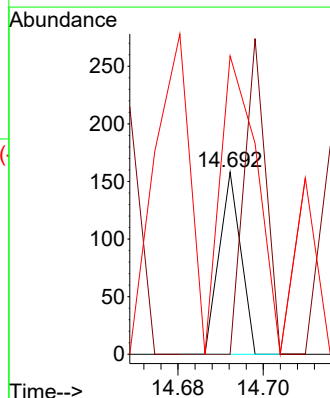
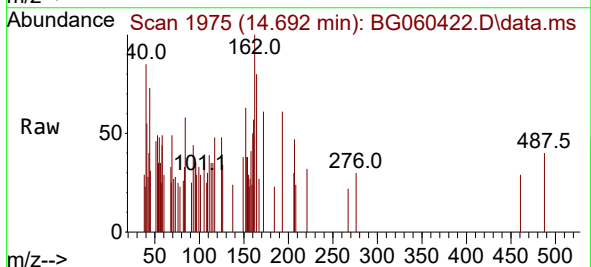
Tgt Ion:184 Resp: 56

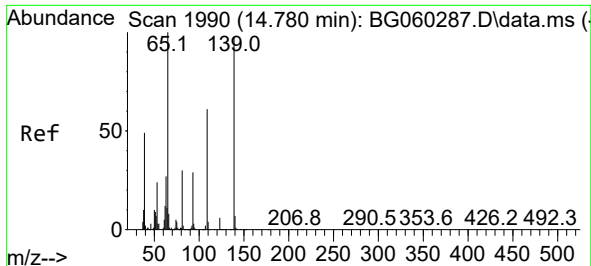
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 163.9 39.2 58.8#

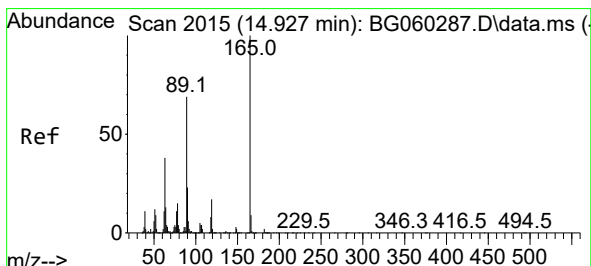
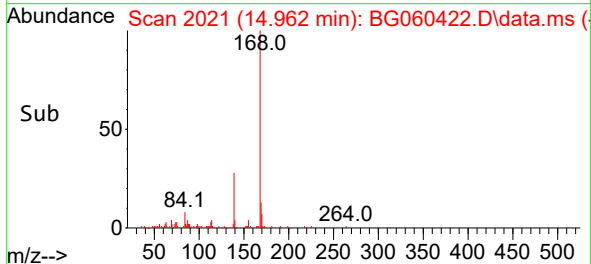
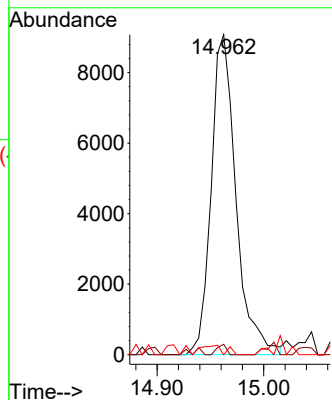
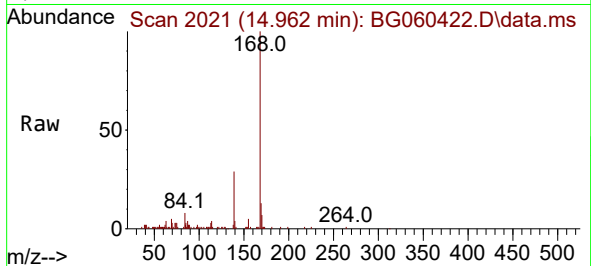




#56
4-Nitrophenol
Concen: 2.351 ng
RT: 14.962 min Scan# 20
Delta R.T. 0.182 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

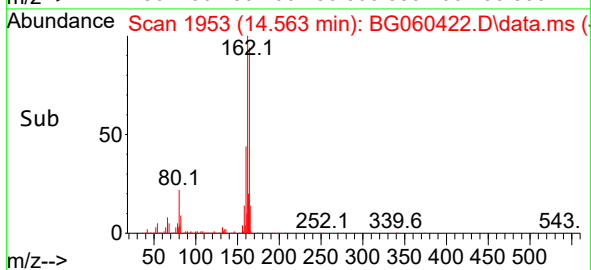
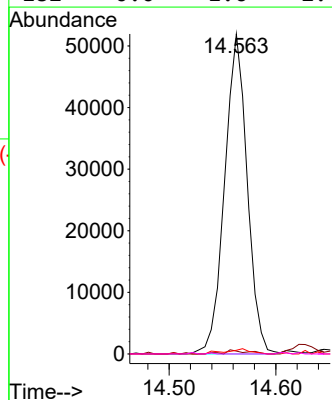
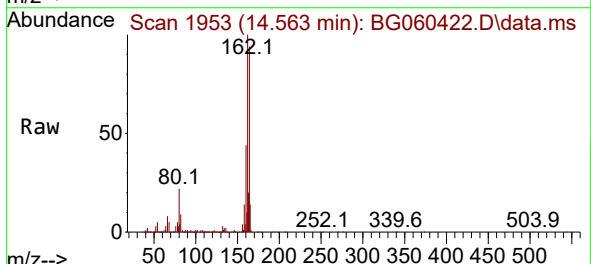
Instrument :
BNA_G
ClientSampleId :
293

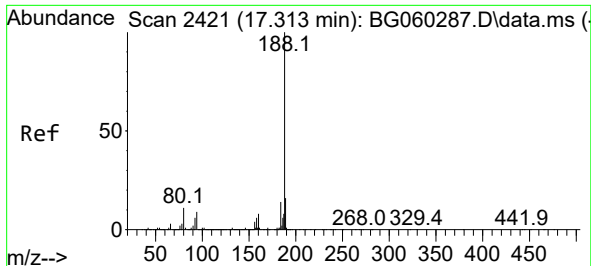
Tgt Ion:139 Resp: 14635
Ion Ratio Lower Upper
139 100
109 3.3 42.2 82.2#
65 0.0 83.3 123.3#



#57
2,4-Dinitrotoluene
Concen: 6.037 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:165 Resp: 76262
Ion Ratio Lower Upper
165 100
63 0.9 30.4 45.6#
89 1.2 55.4 83.0#
182 0.0 1.6 2.4#

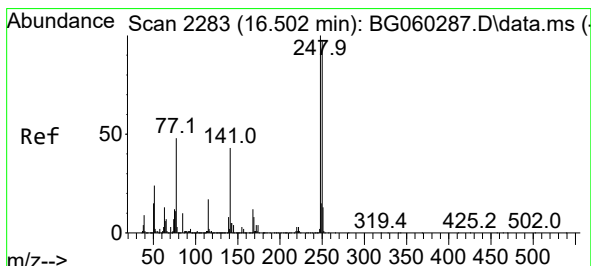
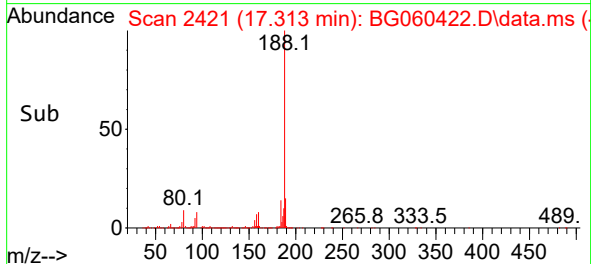
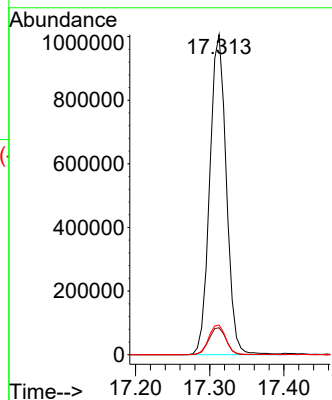
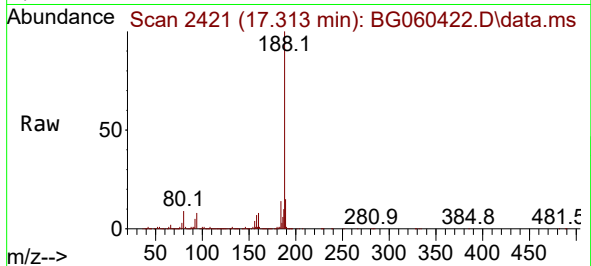




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

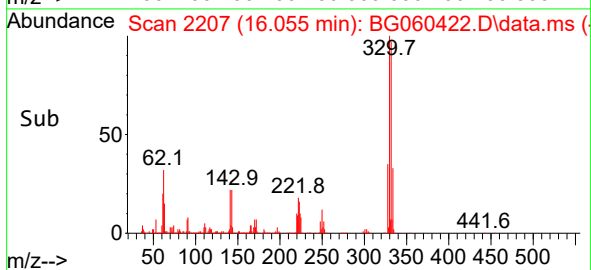
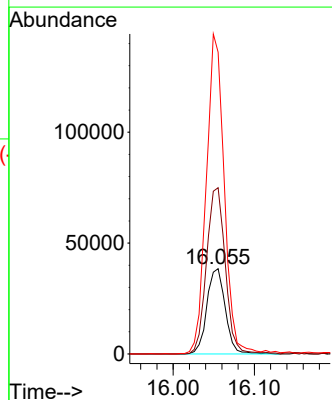
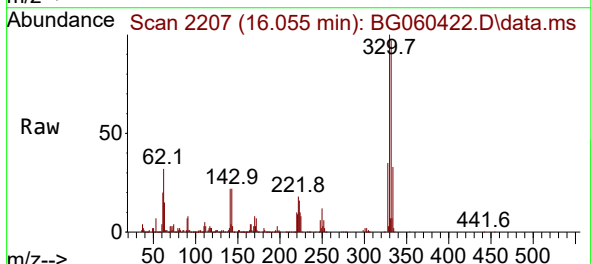
Instrument :
BNA_G
ClientSampleId :
293

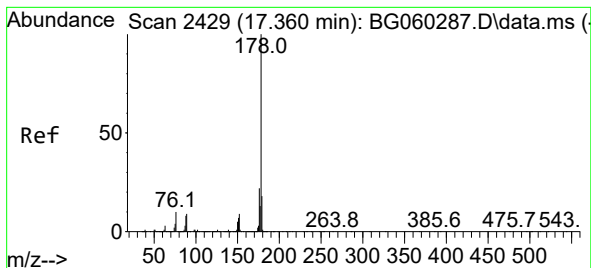
Tgt Ion:188 Resp: 1561862
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.3 8.5 12.7



#67
4-Bromophenyl-phenylether
Concen: 3.521 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.447 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:248 Resp: 60418
Ion Ratio Lower Upper
248 100
250 195.0 77.6 116.4#
141 354.0 34.2 51.4#





#71

Phenanthrene

Concen: 5.117 ng

RT: 17.354 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

Instrument :

BNA_G

ClientSampleId :

293

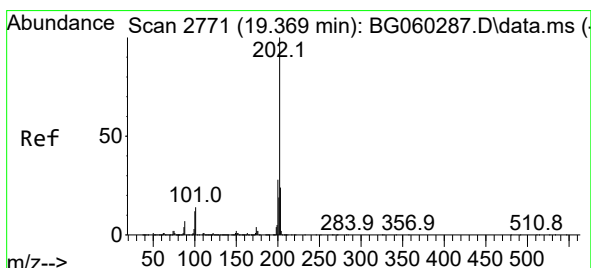
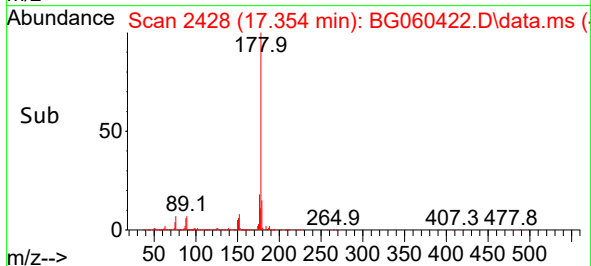
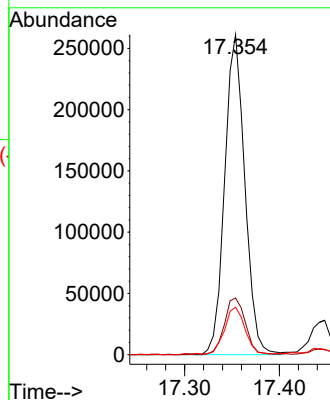
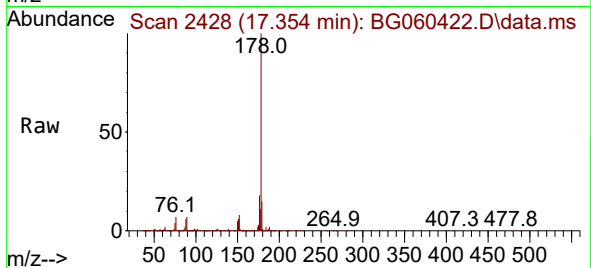
Tgt Ion:178 Resp: 386298

Ion Ratio Lower Upper

178 100

176 17.7 17.4 26.2

179 14.9 14.7 22.1



#75

Fluoranthene

Concen: 4.939 ng

RT: 19.369 min Scan# 2771

Delta R.T. -0.000 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

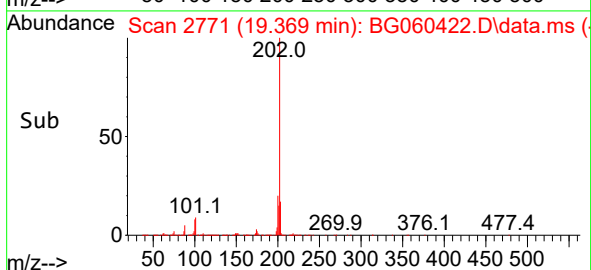
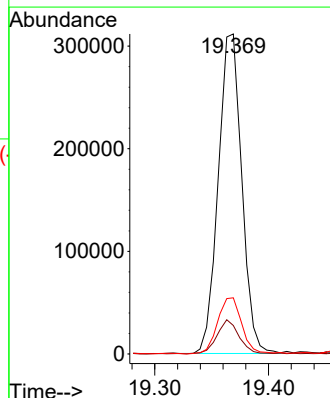
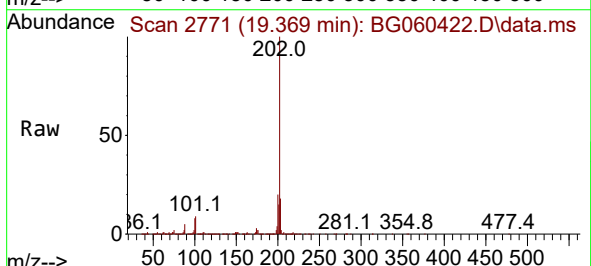
Tgt Ion:202 Resp: 447812

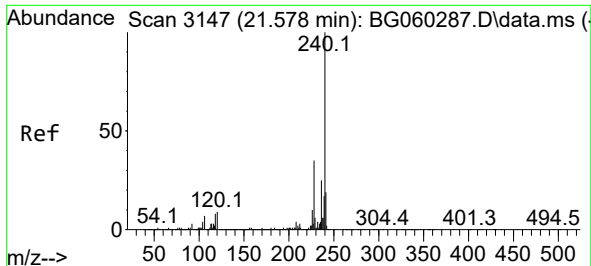
Ion Ratio Lower Upper

202 100

101 8.9 0.0 34.4

203 17.6 4.0 44.0

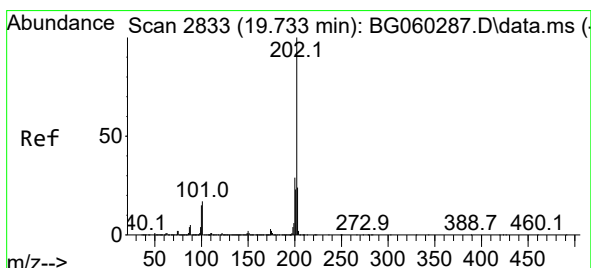
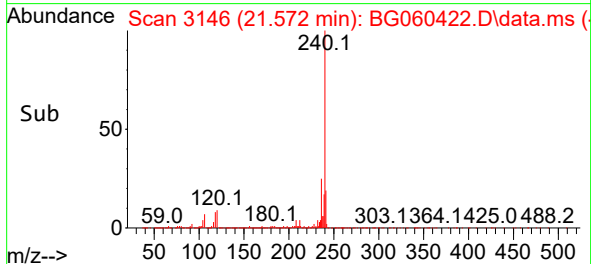
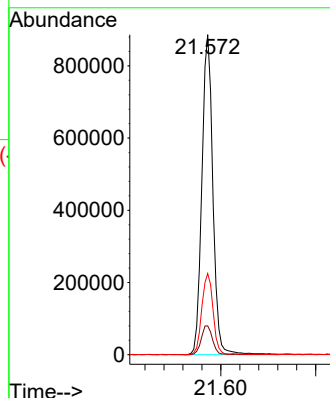
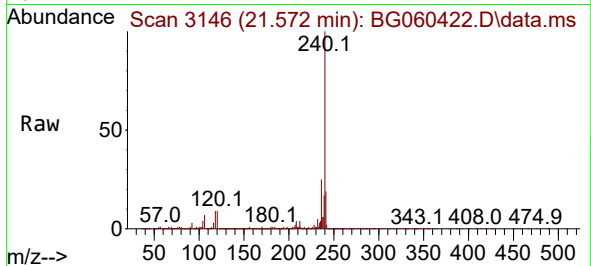




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

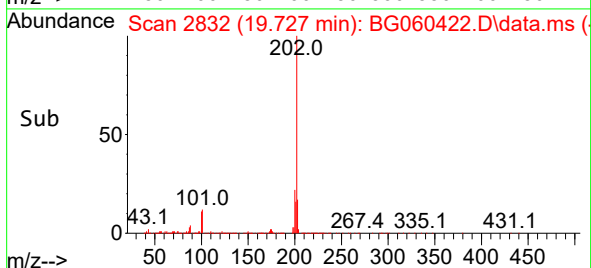
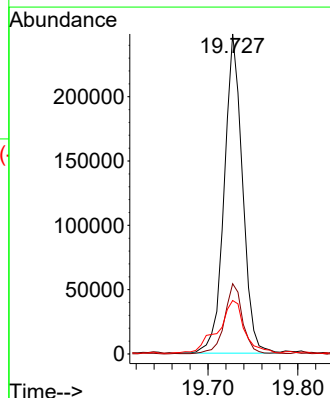
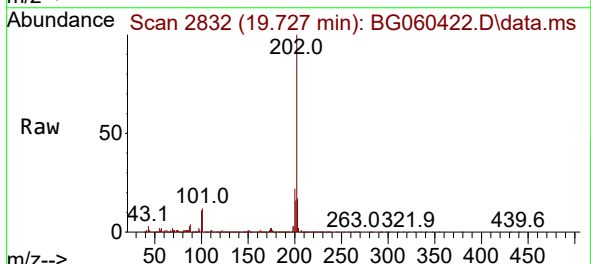
Instrument :
BNA_G
ClientSampleId :
293

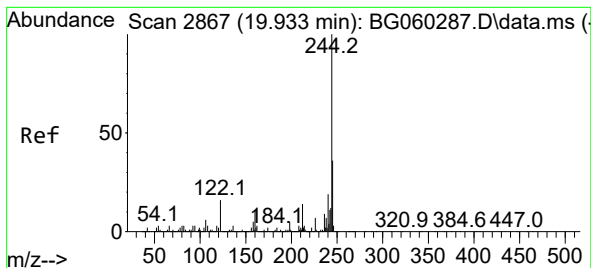
Tgt Ion:240 Resp: 1423767
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.4 20.3 30.5



#78
Pyrene
Concen: 3.854 ng
RT: 19.727 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:202 Resp: 350374
Ion Ratio Lower Upper
202 100
200 21.9 23.5 35.3#
203 16.7 19.6 29.4#





#79

Terphenyl-d14

Concen: 64.888 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

Instrument :

BNA_G

ClientSampleId :

293

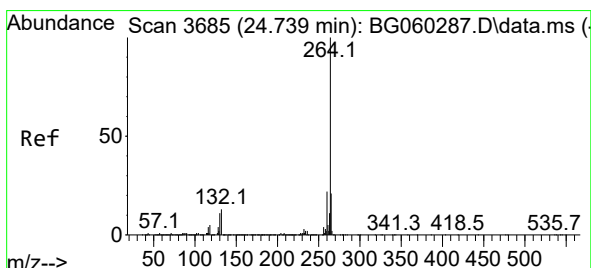
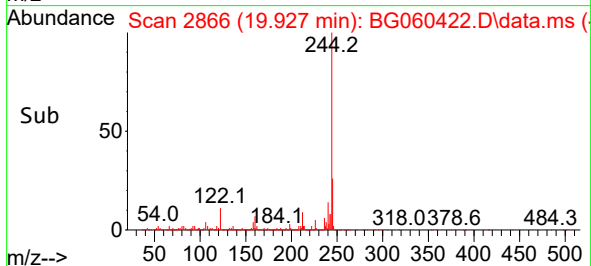
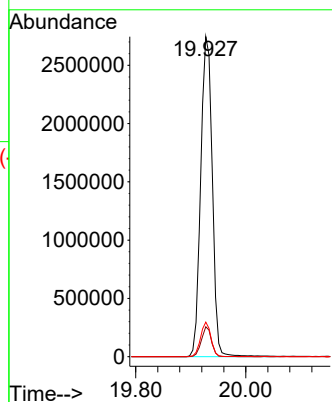
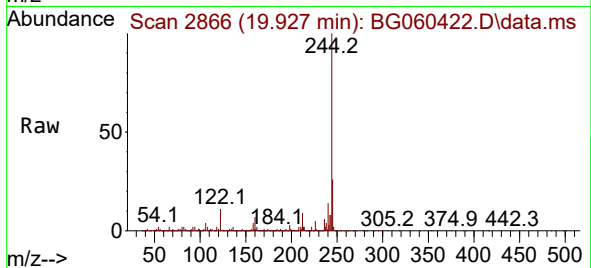
Tgt Ion:244 Resp: 4004725

Ion Ratio Lower Upper

244 100

212 9.3 10.9 16.3#

122 10.8 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3685

Delta R.T. -0.000 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

Tgt Ion:264 Resp: 1604071

Ion Ratio Lower Upper

264 100

260 24.6 17.8 26.6

265 21.6 16.8 25.2

