

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060549.D
 Acq On : 2 Feb 2024 1:44
 Operator : MA/JU
 Sample : P1304-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREET

Quant Time: Feb 02 02:20:58 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

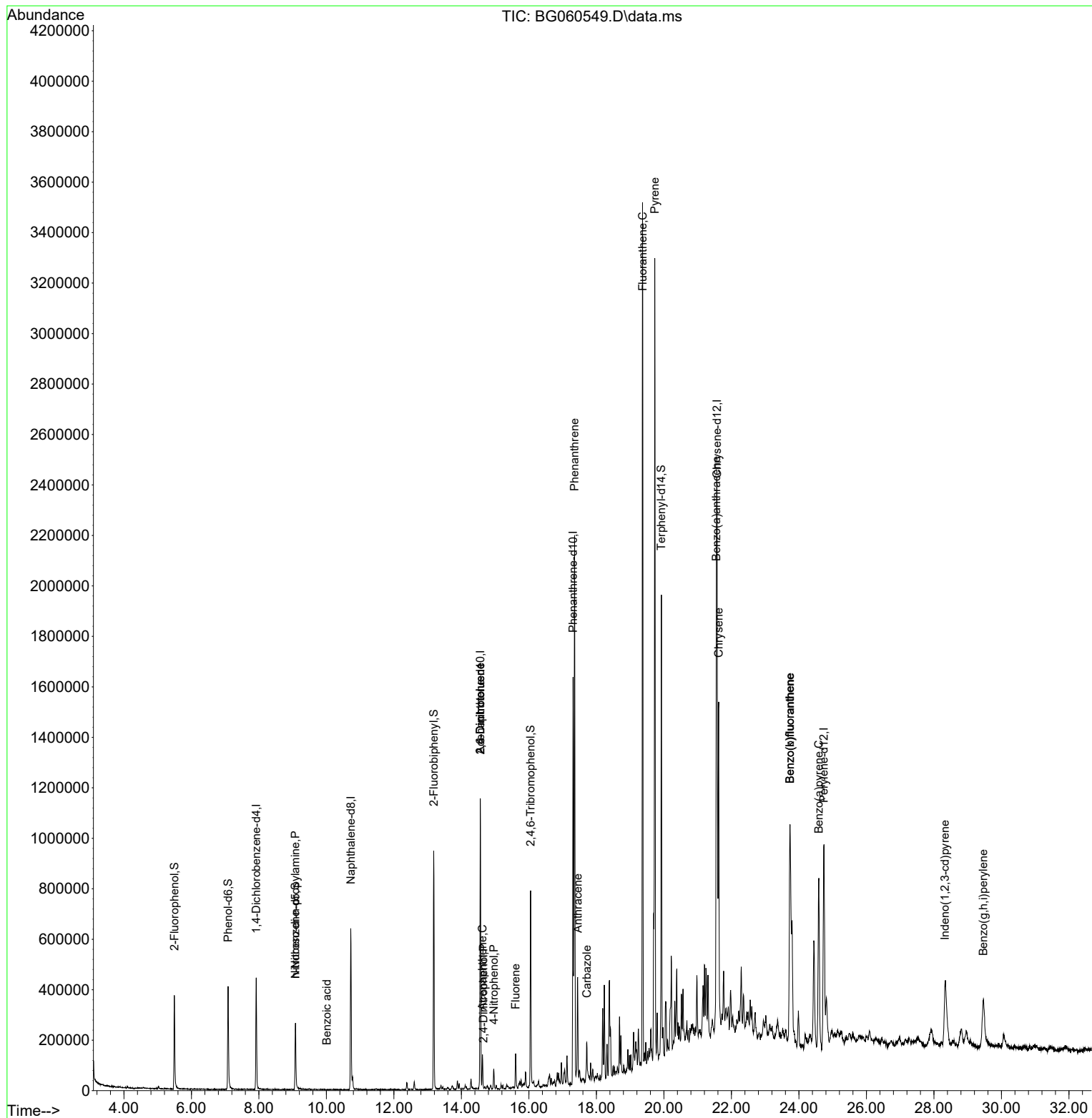
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	145144	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	563452	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	416017	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1080899	20.000	ng	# 0.00
76) Chrysene-d12	21.575	240	1023249	20.000	ng	0.00
86) Perylene-d12	24.736	264	926663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	193728	21.953	ng	0.00
7) Phenol-d6	7.086	99	303754	23.246	ng	0.00
23) Nitrobenzene-d5	9.084	82	194059	16.263	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	172866	28.242	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	535055	17.881	ng	0.00
79) Terphenyl-d14	19.924	244	998697	16.192	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.084	70	23874	2.640	ng	# 84
32) Benzoic acid	10.012	122	78	10.212	ng	# 1
51) 2,6-Dinitrotoluene	14.560	165	59896	8.829	ng	# 33
52) Acenaphthene	14.624	154	53192	2.306	ng	94
54) 2,4-Dinitrophenol	14.654	184	57	8.599	ng	# 1
56) 4-Nitrophenol	14.959	139	14902	3.250	ng	# 8
57) 2,4-Dinitrotoluene	14.560	165	59896	6.439	ng	# 26
58) Fluorene	15.605	166	66484	2.085	ng	91
71) Phenanthrene	17.350	178	1485090	28.425	ng	95
72) Anthracene	17.444	178	294233	5.641	ng	93
73) Carbazole	17.715	167	112518	2.288	ng	97
75) Fluoranthene	19.366	202	2218741	35.357	ng	90
78) Pyrene	19.730	202	2090725	31.996	ng	# 88
81) Benzo(a)anthracene	21.551	228	1023962	16.164	ng	92
83) Chrysene	21.622	228	963962	15.472	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.326	276	206020	3.197	ng	# 43
88) Benzo(b)fluoranthene	23.731	252	1162637	21.238	ng	96
89) Benzo(k)fluoranthene	23.731	252	1162637	21.522	ng	96
90) Benzo(a)pyrene	24.589	252	780545	15.784	ng	99
92) Benzo(g,h,i)perylene	29.460	276	466740	8.655	ng	97

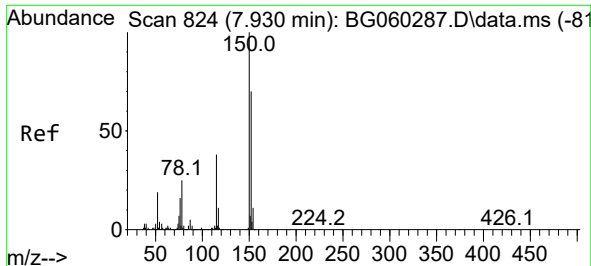
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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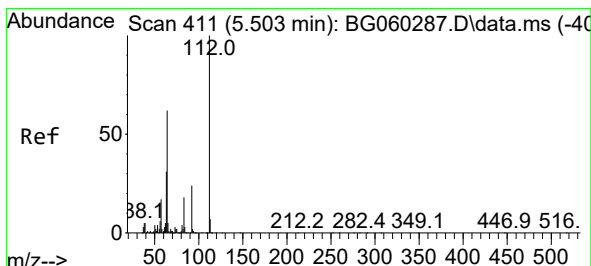
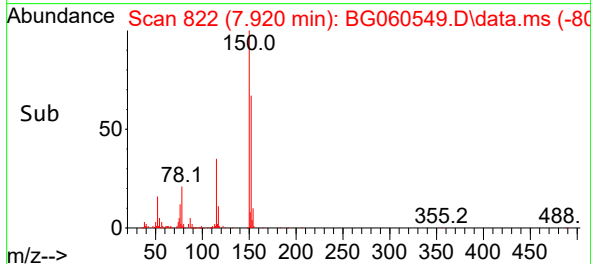
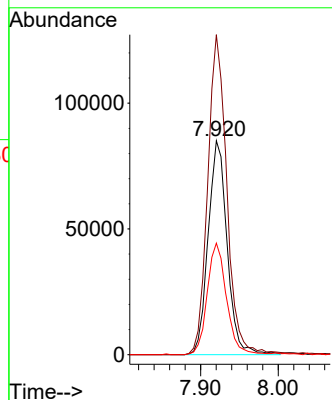
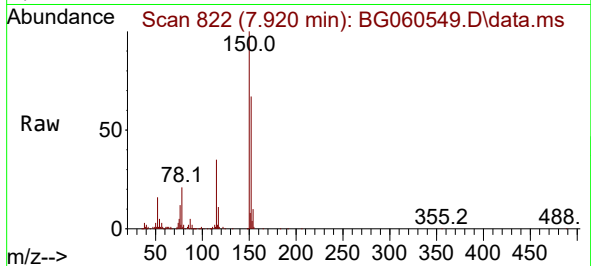




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

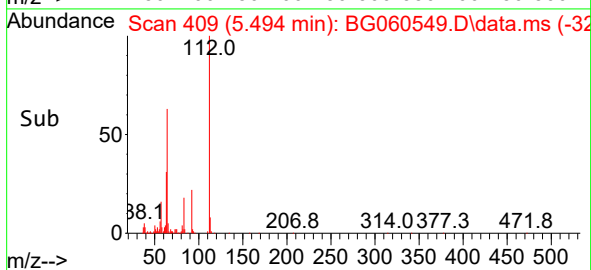
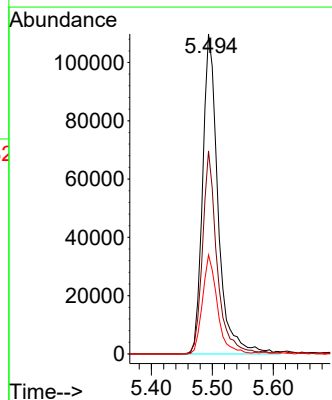
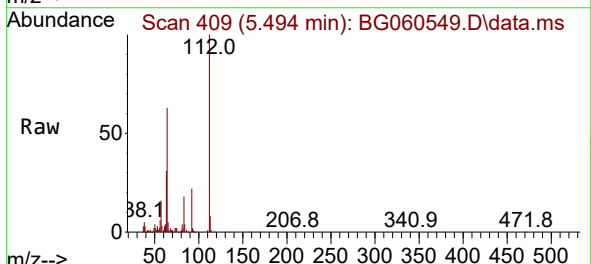
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ClientSampleId :
BRIGHTON-WEST-8TH-STREET

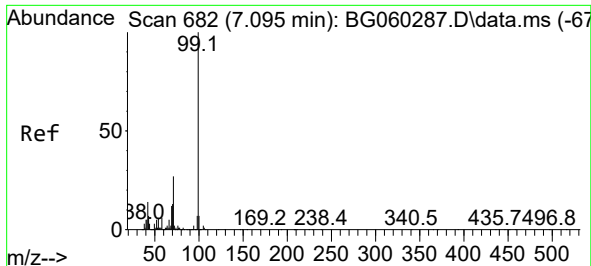
Tgt Ion:152 Resp: 145144
Ion Ratio Lower Upper
152 100
150 149.6 114.5 171.7
115 52.1 43.0 64.6



#5
2-Fluorophenol
Concen: 21.953 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:112 Resp: 193728
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.6
63 31.0 24.4 36.6

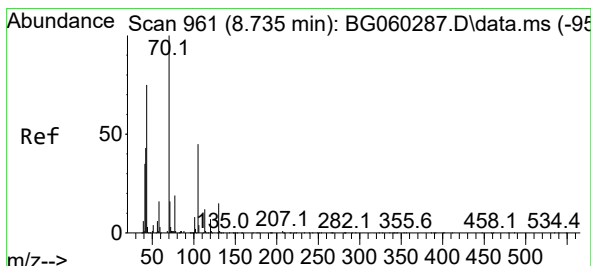
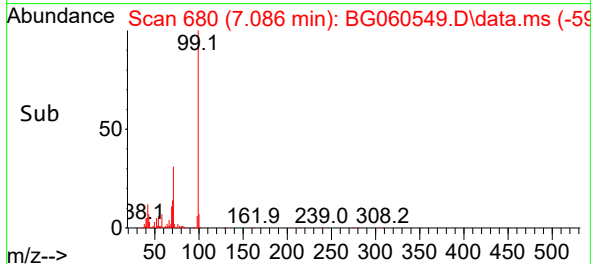
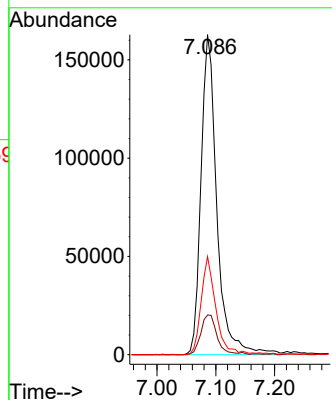
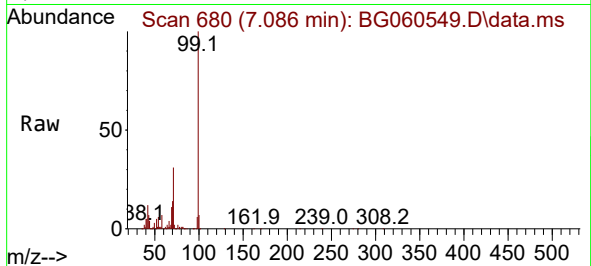




#7
Phenol-d6
Concen: 23.246 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

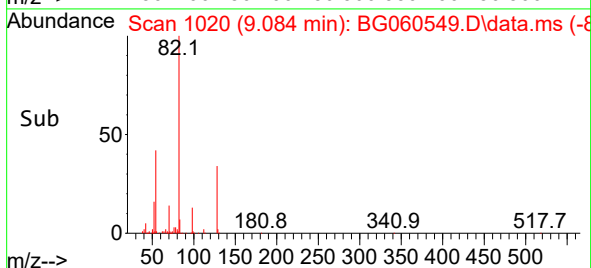
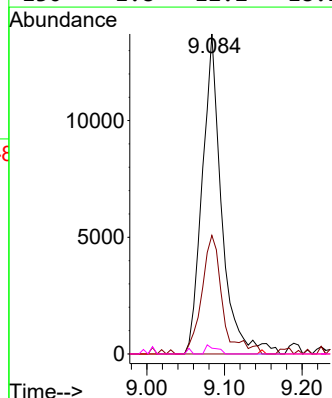
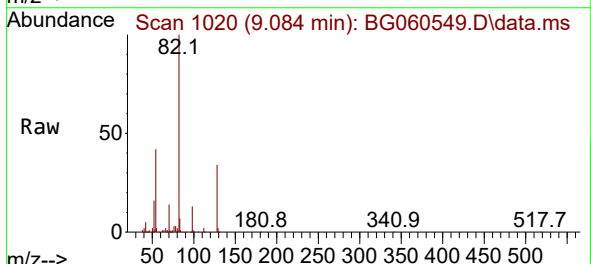
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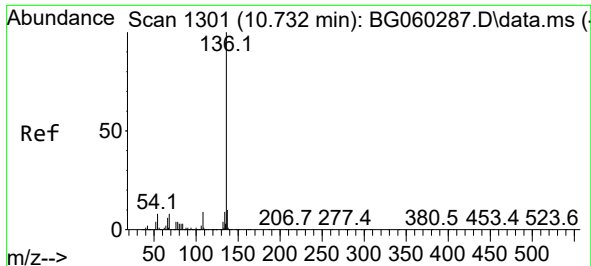
Tgt Ion: 99 Resp: 303754
Ion Ratio Lower Upper
99 100
42 12.4 10.9 16.3
71 30.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.640 ng
RT: 9.084 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion: 70 Resp: 23874
Ion Ratio Lower Upper
70 100
42 37.1 34.3 51.5
101 0.0 6.2 9.2#
130 1.8 12.2 18.2#

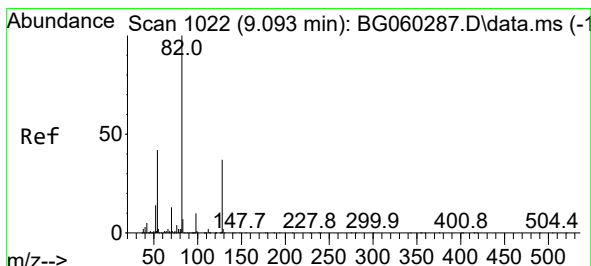
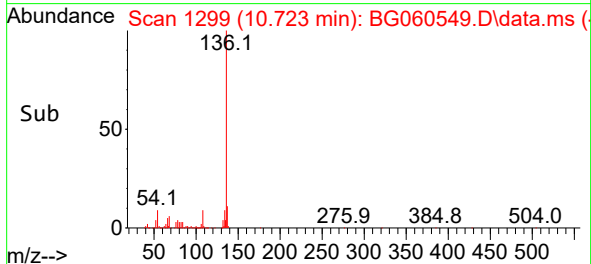
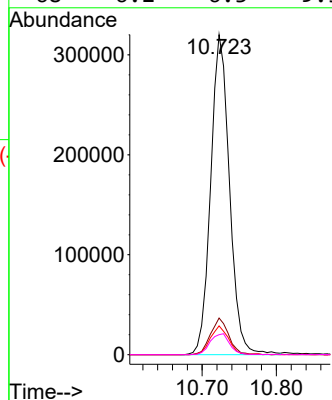
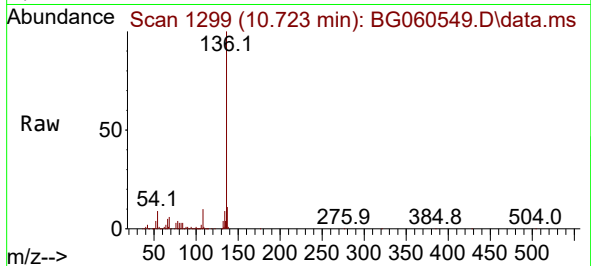




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

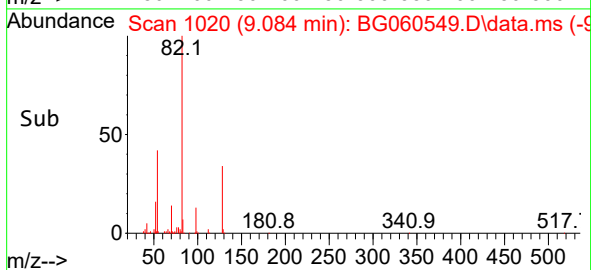
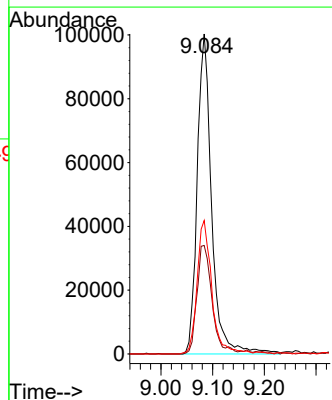
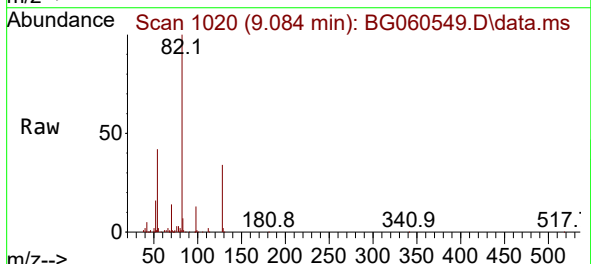
Instrument :
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ClientSampleId :
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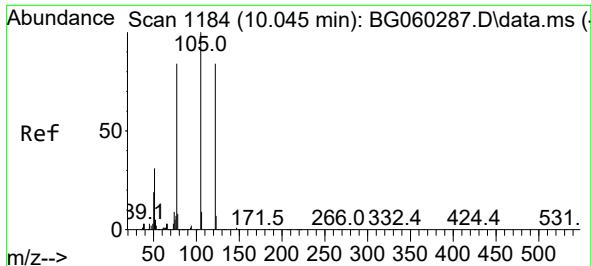
Tgt Ion:136 Resp: 563452
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.4
54 9.0 6.2 9.2
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 16.263 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion: 82 Resp: 194059
Ion Ratio Lower Upper
82 100
128 33.9 29.6 44.4
54 41.7 33.6 50.4

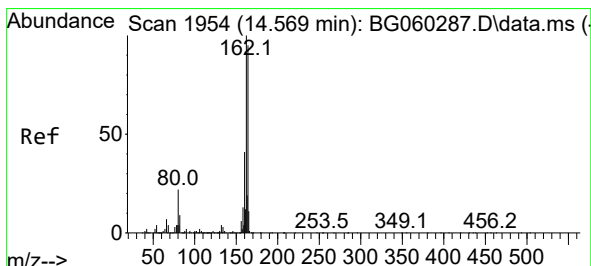
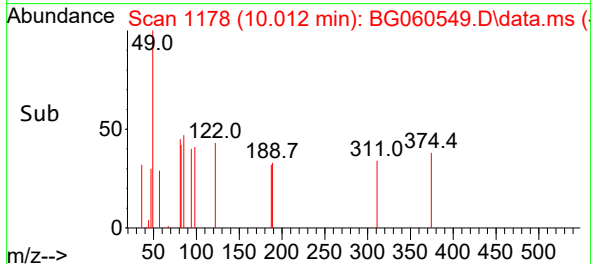
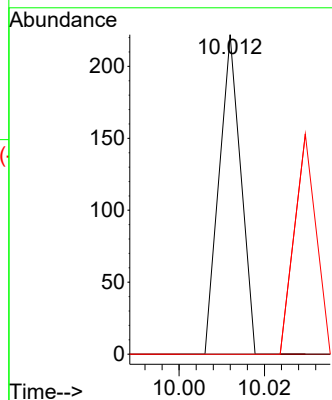
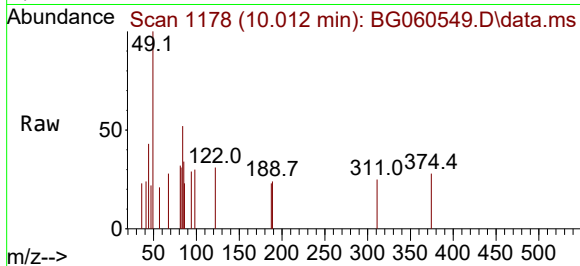




#32
Benzoic acid
Concen: 10.212 ng
RT: 10.012 min Scan# 1184
Delta R.T. -0.033 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

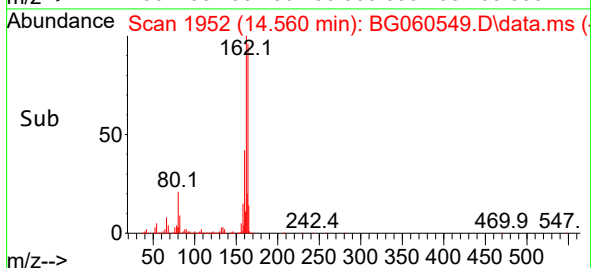
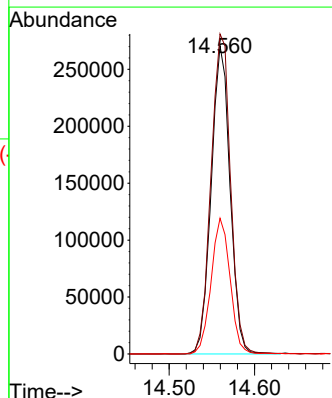
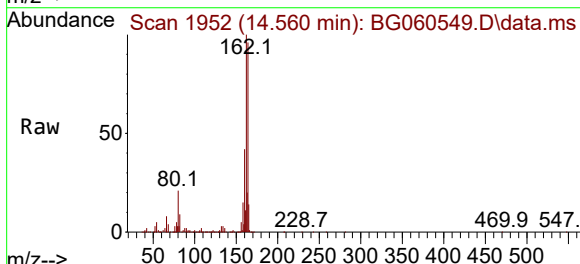
Instrument :
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ClientSampleId :
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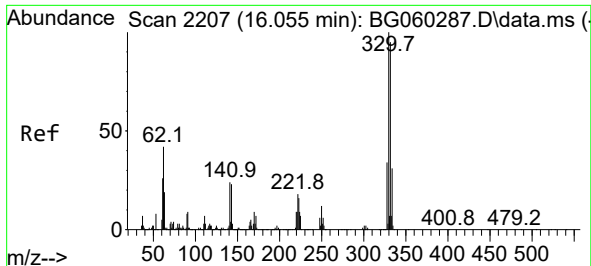
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:164 Resp: 416017
Ion Ratio Lower Upper
164 100
162 103.9 84.4 126.6
160 44.0 34.6 52.0

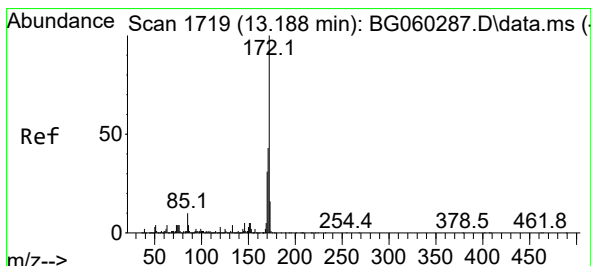
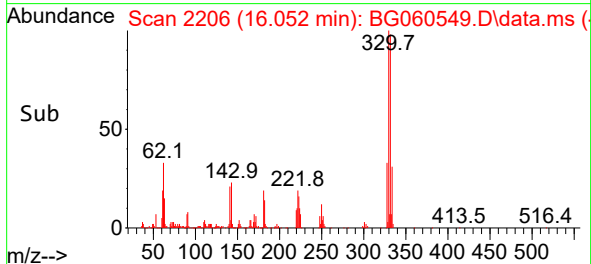
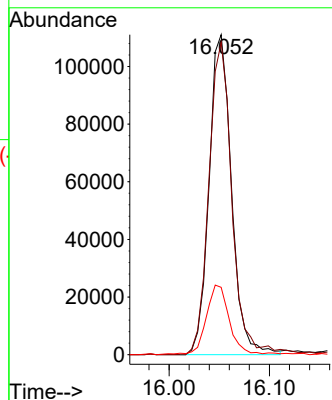
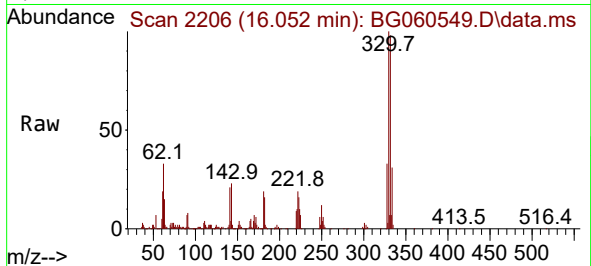




#42
2,4,6-Tribromophenol
Concen: 28.242 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

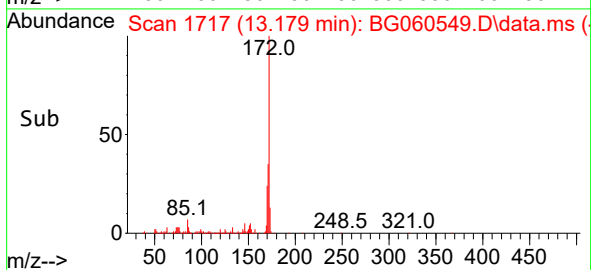
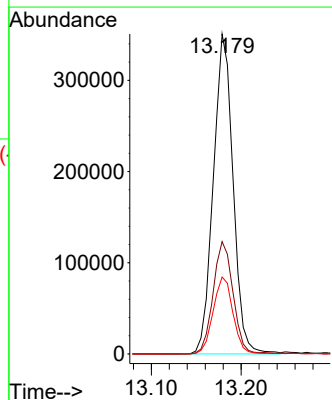
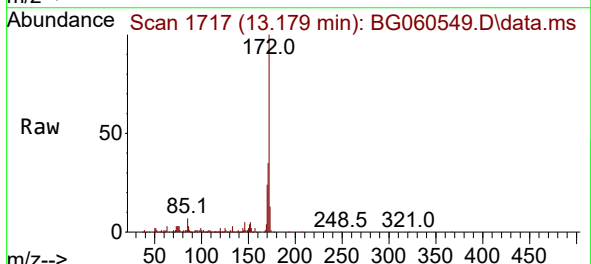
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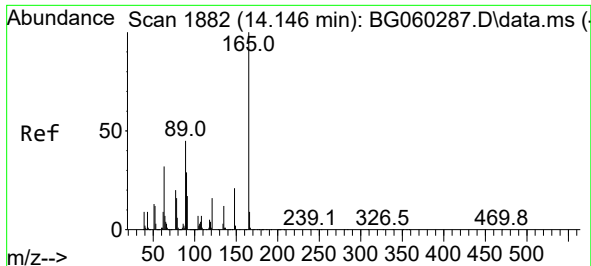
Tgt Ion:330 Resp: 172866
Ion Ratio Lower Upper
330 100
332 100.7 76.7 115.1
141 22.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 17.881 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:172 Resp: 535055
Ion Ratio Lower Upper
172 100
171 35.1 34.6 51.8
170 24.1 24.4 36.6#

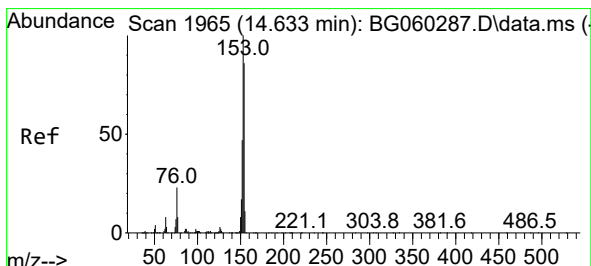
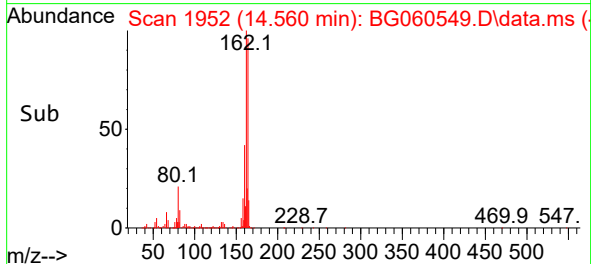
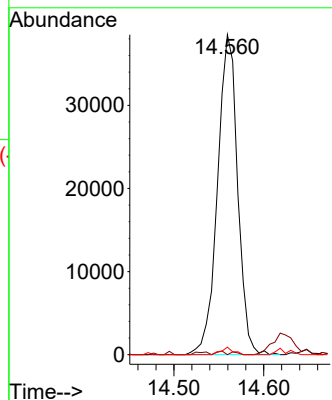
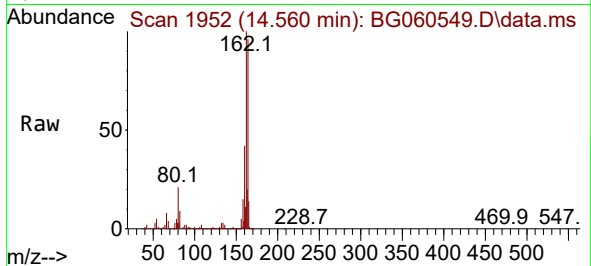




#51
2,6-Dinitrotoluene
Concen: 8.829 ng
RT: 14.560 min Scan# 1952
Delta R.T. 0.414 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

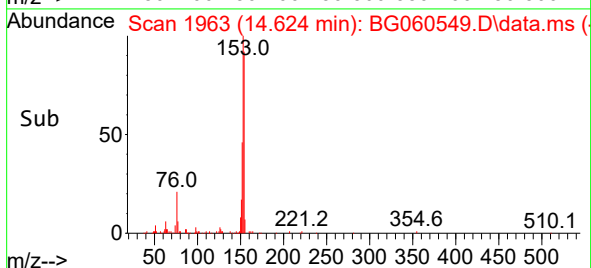
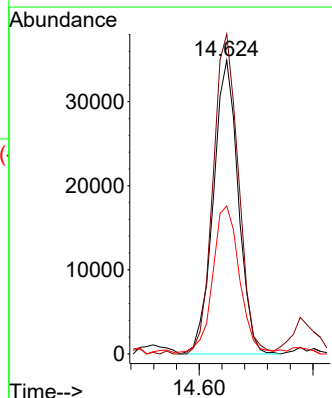
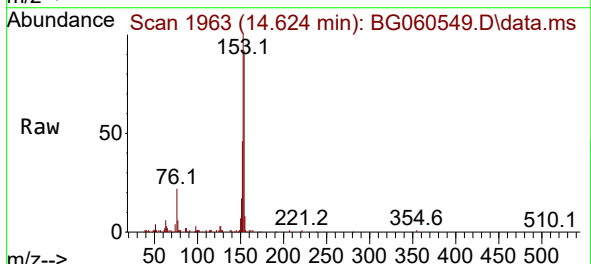
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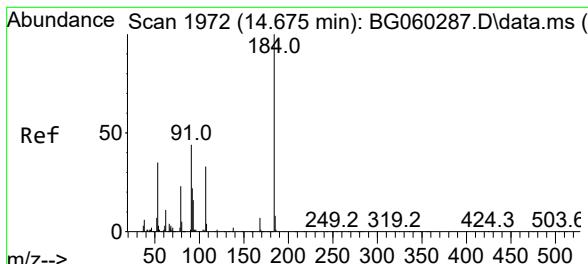
Tgt Ion:165 Resp: 59896
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 2.4 36.2 54.2#



#52
Acenaphthene
Concen: 2.306 ng
RT: 14.624 min Scan# 1963
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:154 Resp: 53192
Ion Ratio Lower Upper
154 100
153 109.0 92.6 138.8
152 50.4 43.8 65.8

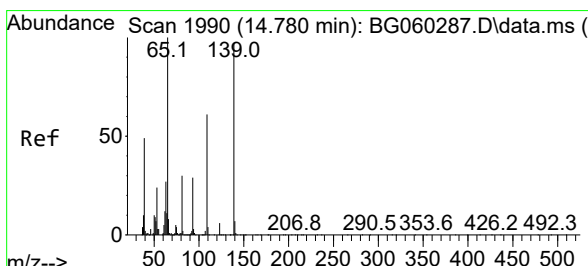
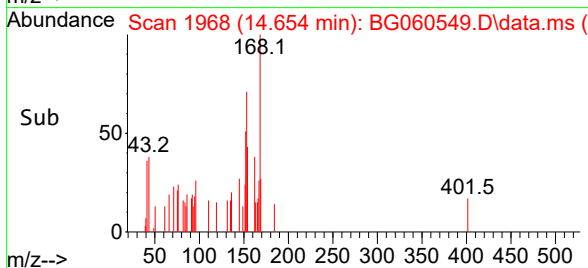
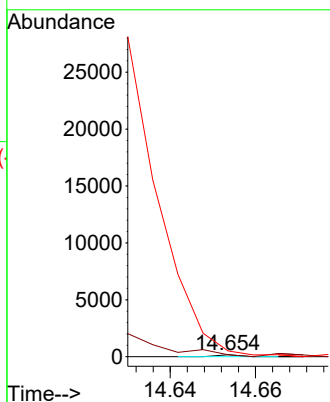
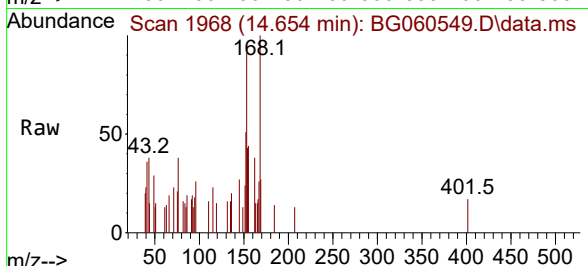




#54
 2,4-Dinitrophenol
 Concen: 8.599 ng
 RT: 14.654 min Scan# 1972
 Delta R.T. -0.021 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

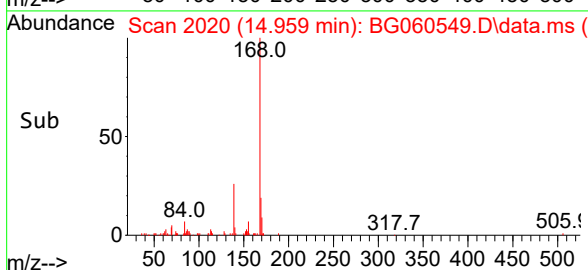
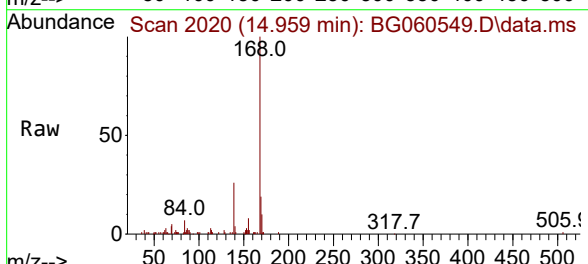
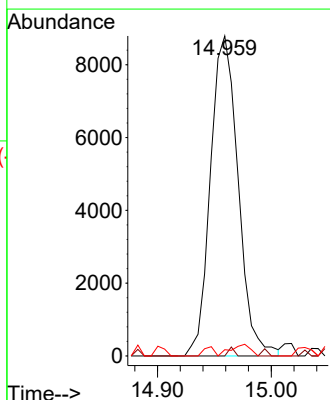
Instrument : BNA_G
 ClientSampleId : BRIGHTON-WEST-8TH-STREET

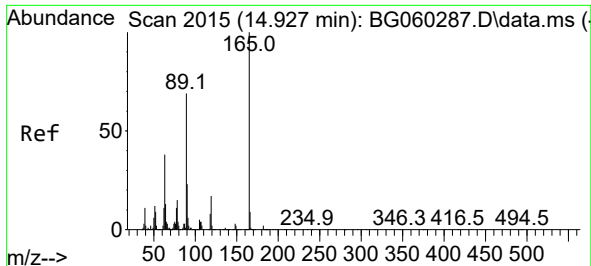
Tgt Ion:	184	Resp:	57
Ion Ratio	Lower	Upper	
184	100		
63	104.3	41.0	61.4#
154	311.0	39.2	58.8#



#56
 4-Nitrophenol
 Concen: 3.250 ng
 RT: 14.959 min Scan# 2020
 Delta R.T. 0.179 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

Tgt Ion:	139	Resp:	14902
Ion Ratio	Lower	Upper	
139	100		
109	0.0	42.2	82.2#
65	2.0	83.3	123.3#





#57

2,4-Dinitrotoluene

Concen: 6.439 ng

RT: 14.560 min Scan# 1952

Delta R.T. -0.368 min

Lab File: BG060549.D

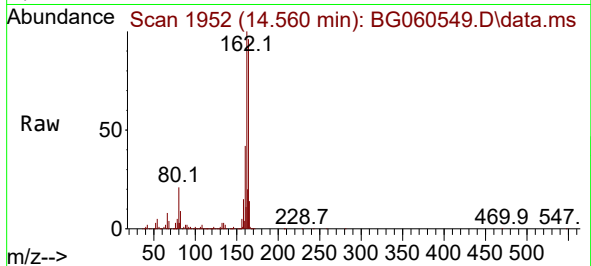
Acq: 2 Feb 2024 1:44

Instrument :

BNA_G

ClientSampleId :

BRIGHTON-WEST-8TH-STREET



Tgt Ion:165 Resp: 59896

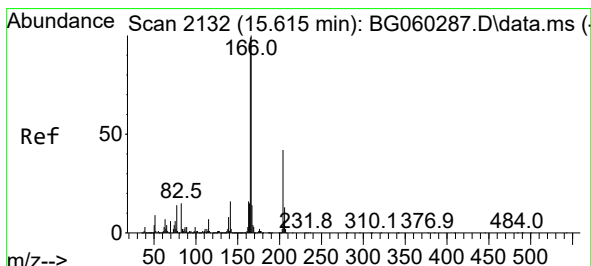
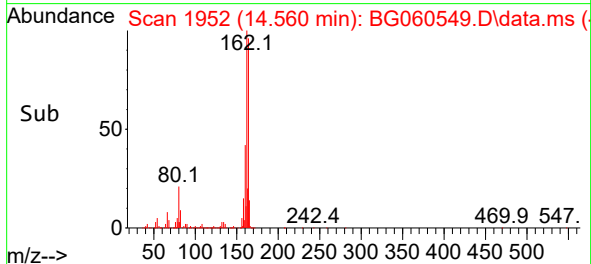
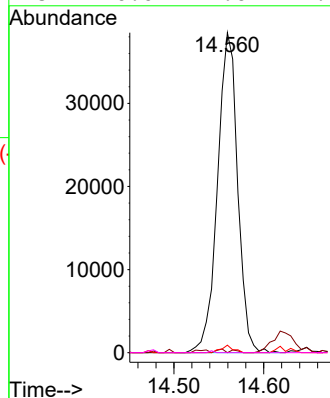
Ion Ratio Lower Upper

165 100

63 0.0 30.4 45.6#

89 2.4 55.4 83.0#

182 0.0 1.6 2.4#



#58

Fluorene

Concen: 2.085 ng

RT: 15.605 min Scan# 2130

Delta R.T. -0.009 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

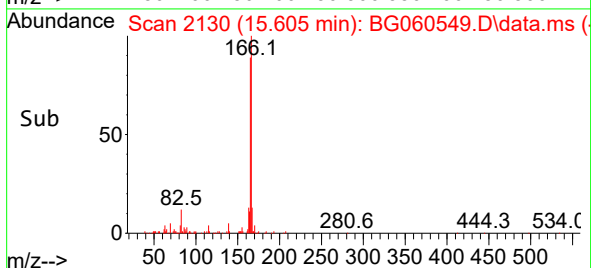
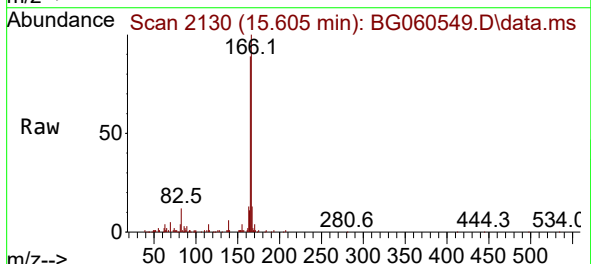
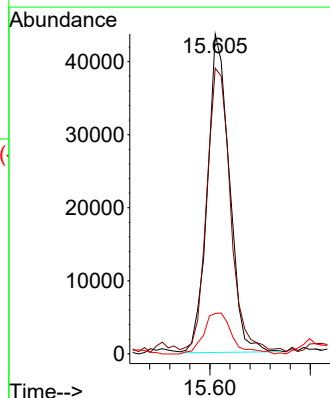
Tgt Ion:166 Resp: 66484

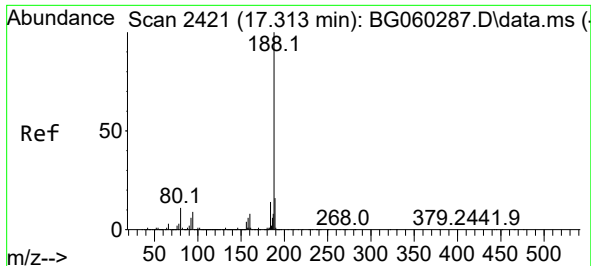
Ion Ratio Lower Upper

166 100

165 89.3 79.0 118.6

167 12.6 11.4 17.0

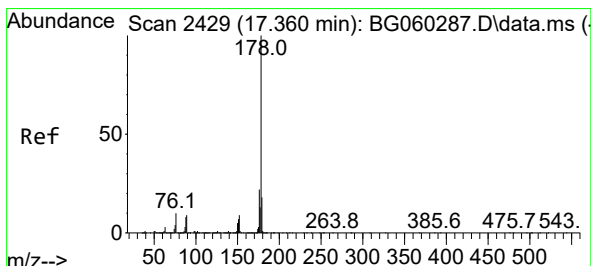
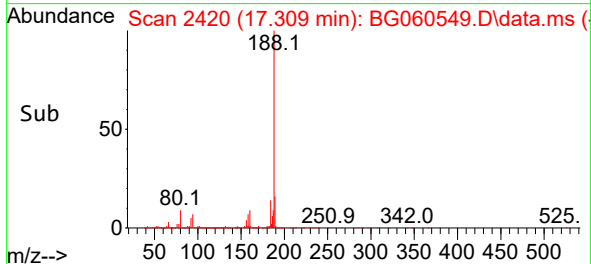
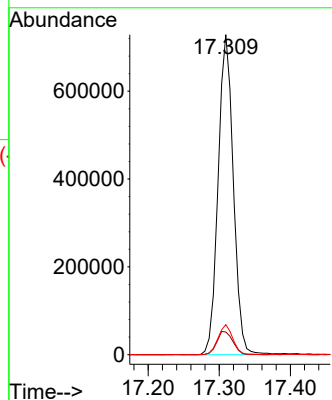
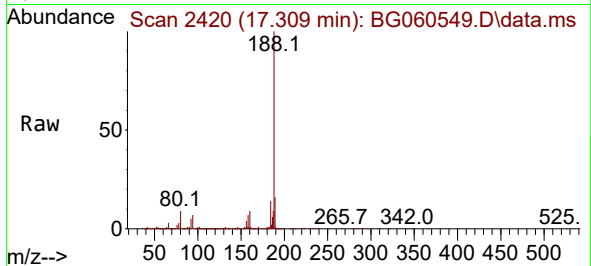




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

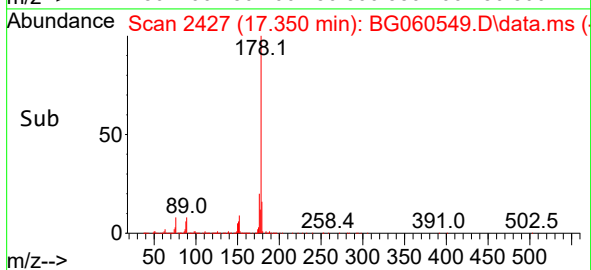
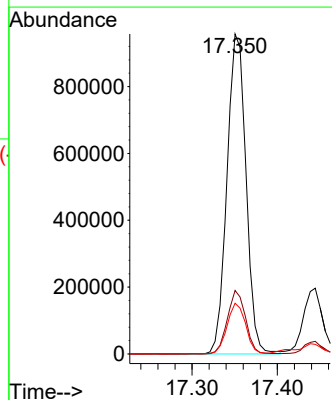
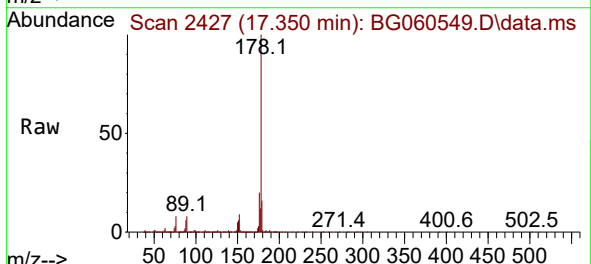
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

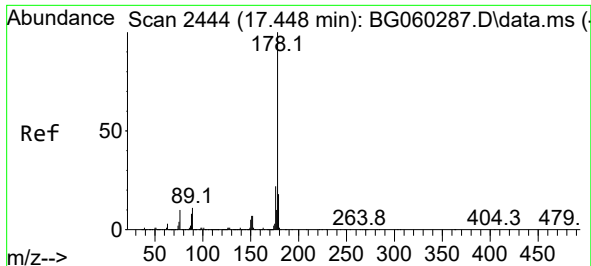
Tgt Ion:188 Resp: 1080899
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 9.4 8.5 12.7



#71
Phenanthrene
Concen: 28.425 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:178 Resp: 1485090
Ion Ratio Lower Upper
178 100
176 19.9 17.4 26.2
179 15.8 14.7 22.1

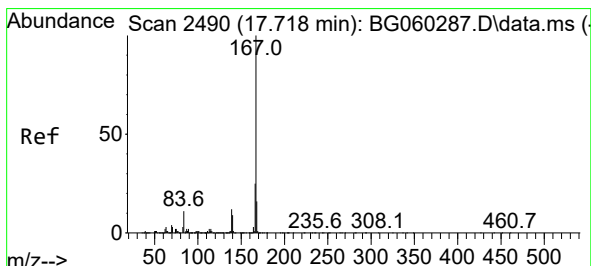
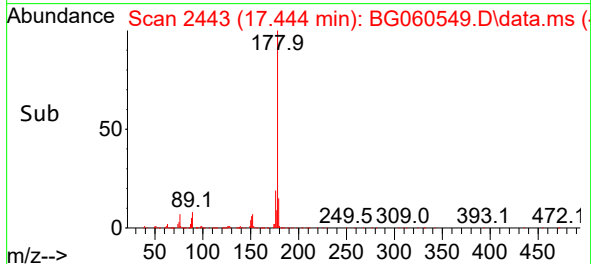
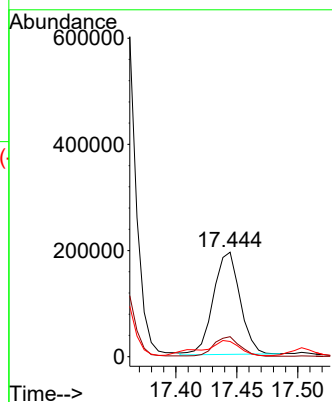
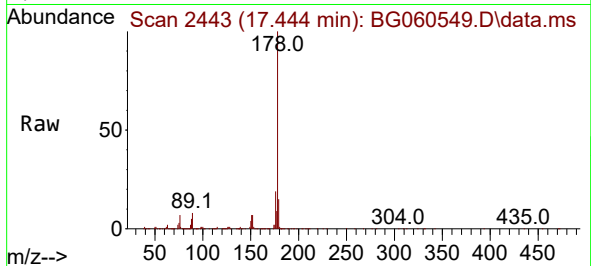




#72
 Anthracene
 Concen: 5.641 ng
 RT: 17.444 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

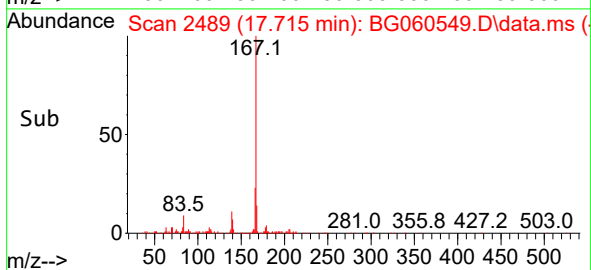
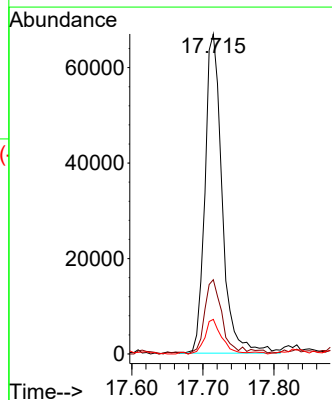
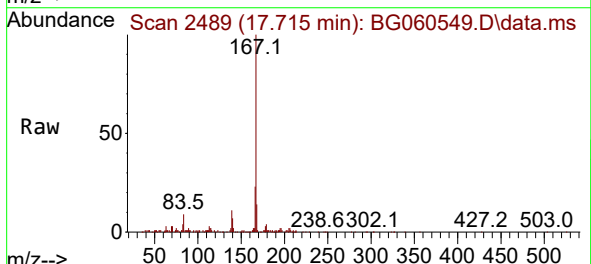
Instrument :
 BNA_G
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREET

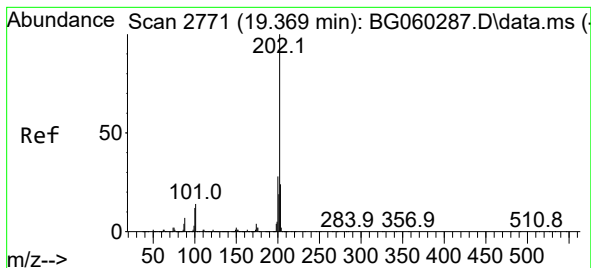
Tgt Ion:178 Resp: 294233
 Ion Ratio Lower Upper
 178 100
 176 19.2 17.8 26.6
 179 14.6 14.1 21.1



#73
 Carbazole
 Concen: 2.288 ng
 RT: 17.715 min Scan# 2489
 Delta R.T. -0.003 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

Tgt Ion:167 Resp: 112518
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.8 29.8
 139 10.8 9.3 13.9





#75

Fluoranthene

Concen: 35.357 ng

RT: 19.366 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

Instrument :

BNA_G

ClientSampleId :

BRIGHTON-WEST-8TH-STREET

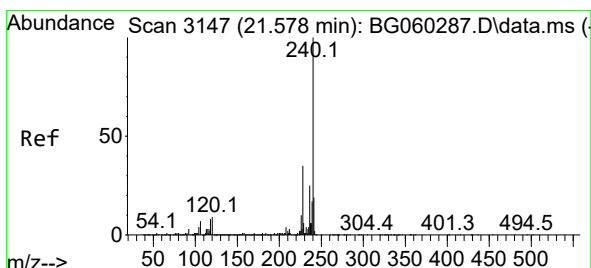
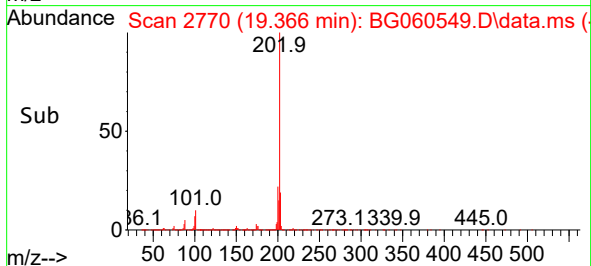
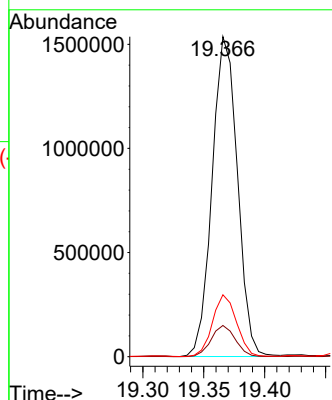
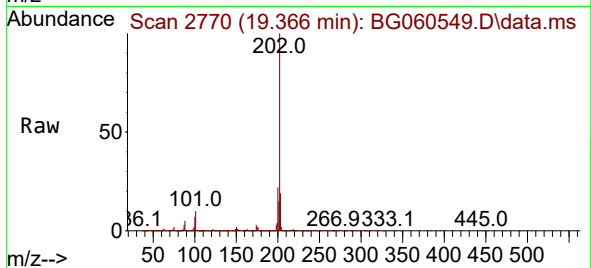
Tgt Ion:202 Resp: 2218741

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.4

203 19.4 4.0 44.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3146

Delta R.T. -0.003 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

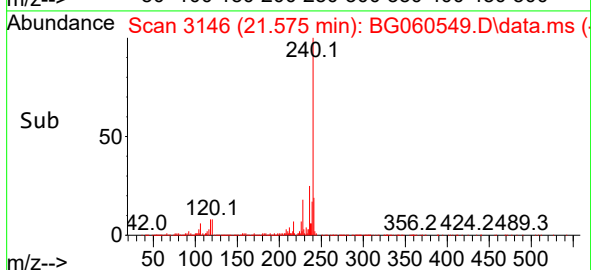
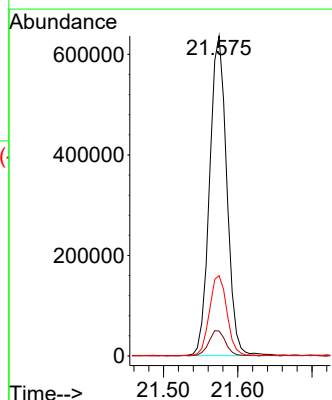
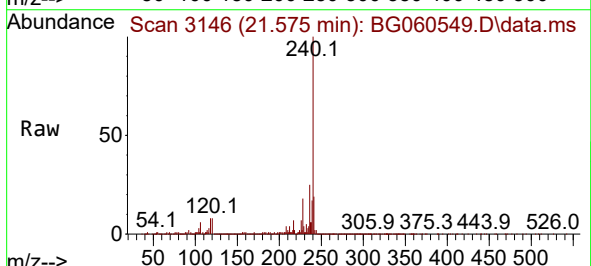
Tgt Ion:240 Resp: 1023249

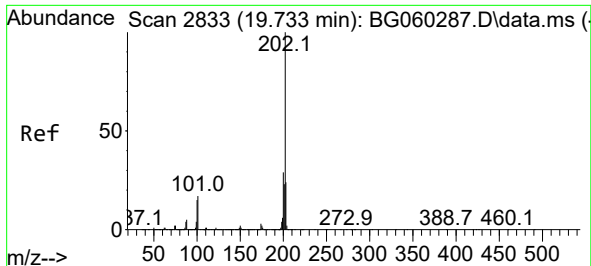
Ion Ratio Lower Upper

240 100

120 7.8 7.3 10.9

236 25.1 20.3 30.5

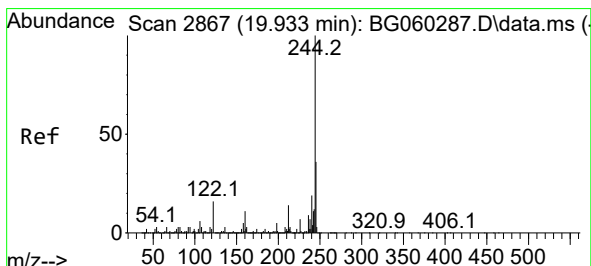
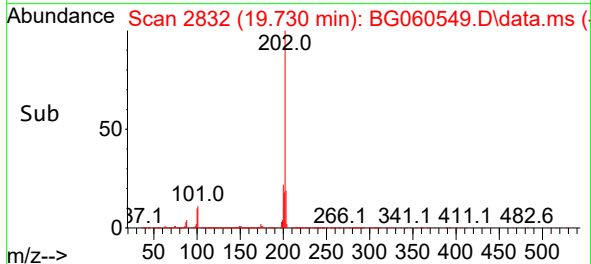
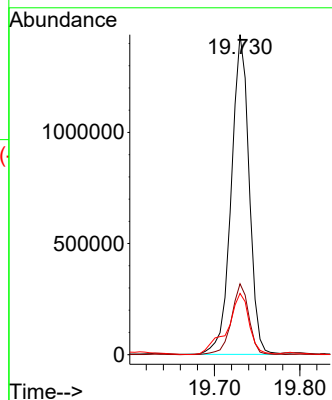
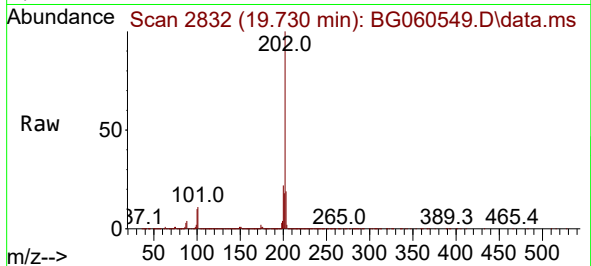




#78
Pyrene
Concen: 31.996 ng
RT: 19.730 min Scan# 2833
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

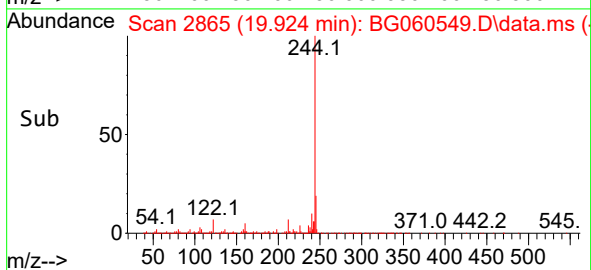
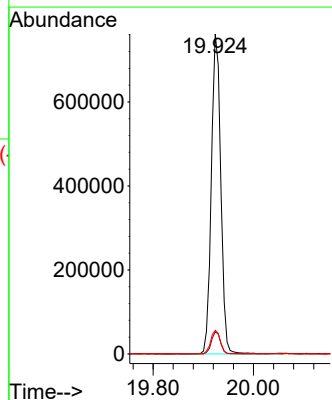
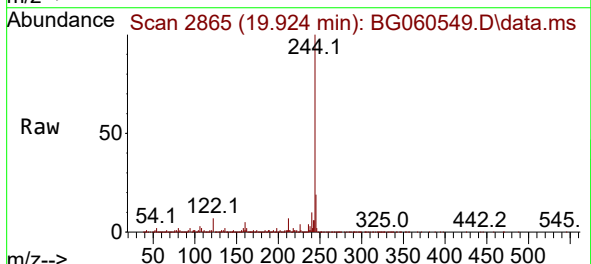
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

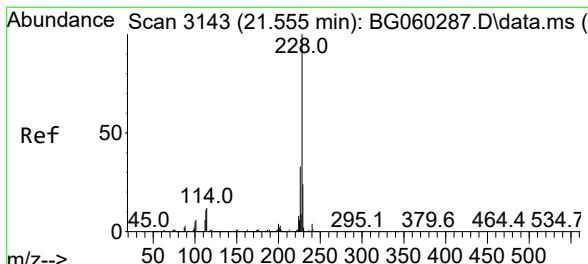
Tgt Ion:202 Resp: 2090725
Ion Ratio Lower Upper
202 100
200 22.1 23.5 35.3#
203 19.2 19.6 29.4#



#79
Terphenyl-d14
Concen: 16.192 ng
RT: 19.924 min Scan# 2865
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:244 Resp: 998697
Ion Ratio Lower Upper
244 100
212 7.0 10.9 16.3#
122 7.4 12.6 18.8#



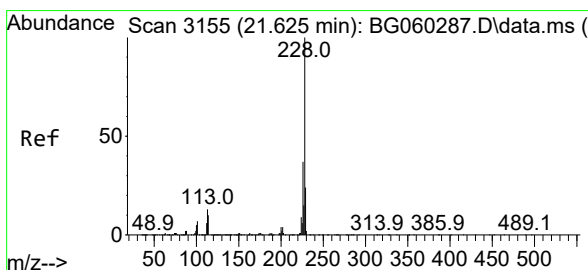
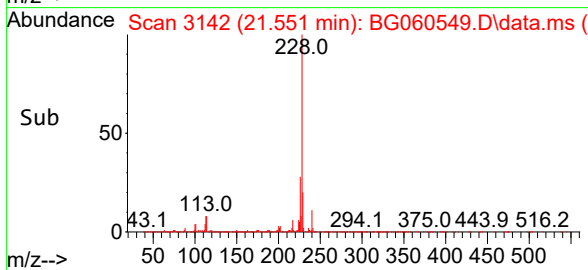
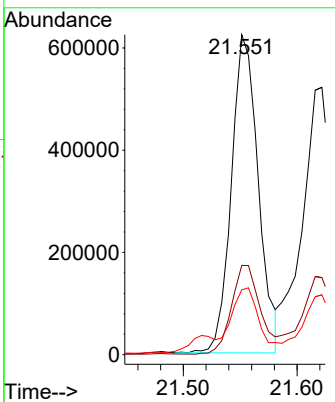
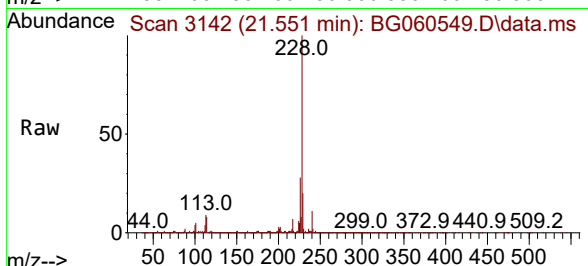


#81
 Benzo(a)anthracene
 Concen: 16.164 ng
 RT: 21.551 min Scan# 3142
 Delta R.T. -0.003 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

Instrument : BNA_G
 ClientSampleId : BRIGHTON-WEST-8TH-STREET

Tgt Ion:228 Resp: 1023962

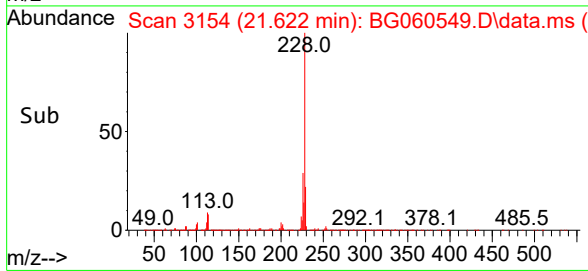
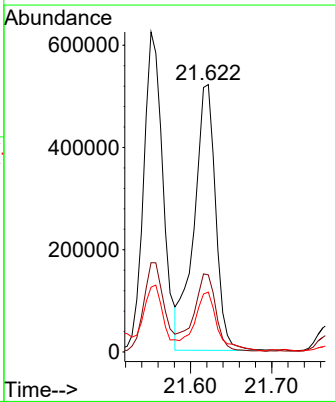
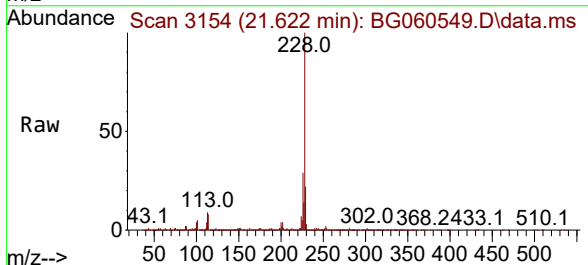
Ion	Ratio	Lower	Upper
228	100		
226	27.9	26.2	39.2
229	20.3	19.4	29.2

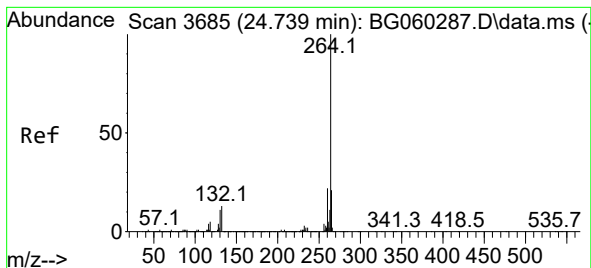


#83
 Chrysene
 Concen: 15.472 ng
 RT: 21.622 min Scan# 3154
 Delta R.T. -0.003 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

Tgt Ion:228 Resp: 963962

Ion	Ratio	Lower	Upper
228	100		
226	28.8	29.4	44.2#
229	22.4	19.2	28.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.736 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

Instrument :

BNA_G

ClientSampleId :

BRIGHTON-WEST-8TH-STREET

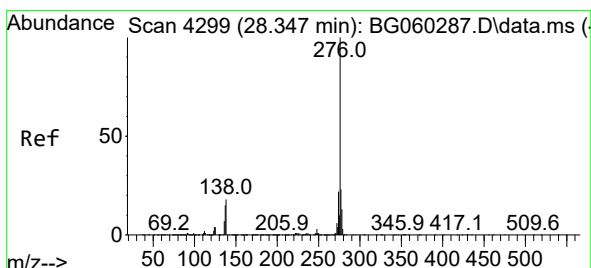
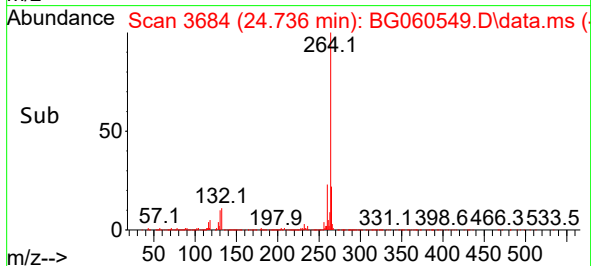
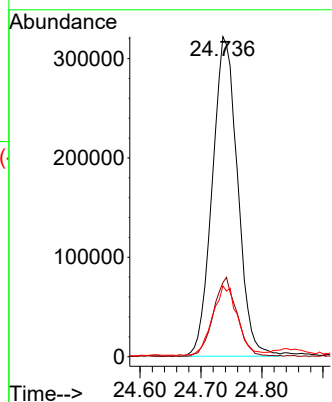
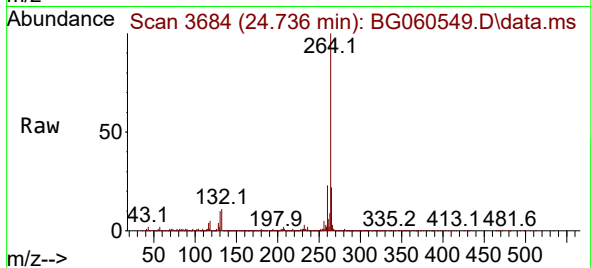
Tgt Ion:264 Resp: 926663

Ion Ratio Lower Upper

264 100

260 23.1 17.8 26.6

265 22.1 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.197 ng

RT: 28.326 min Scan# 4295

Delta R.T. -0.021 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

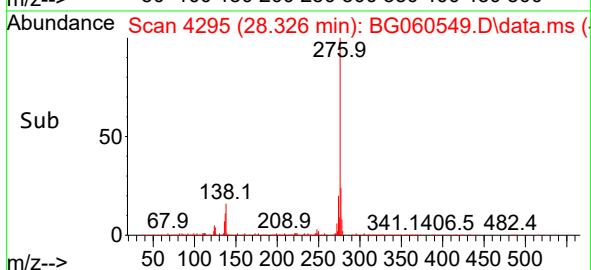
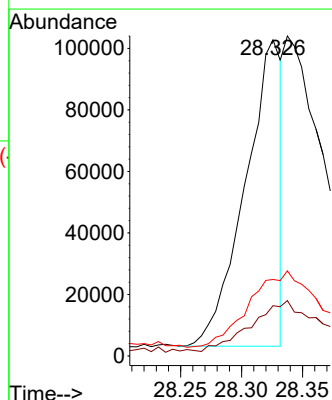
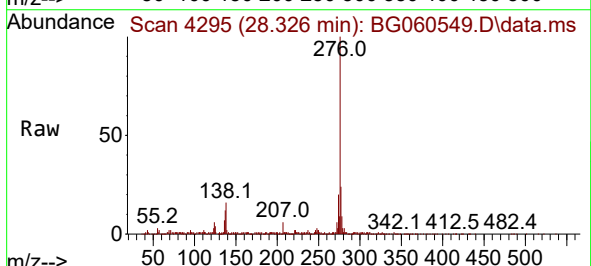
Tgt Ion:276 Resp: 206020

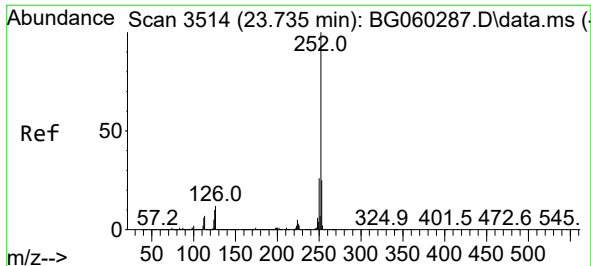
Ion Ratio Lower Upper

276 100

138 34.2 12.5 18.7#

277 58.1 20.5 30.7#

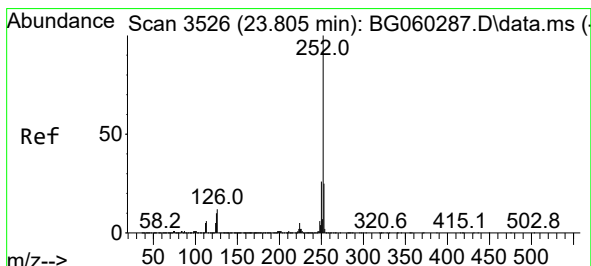
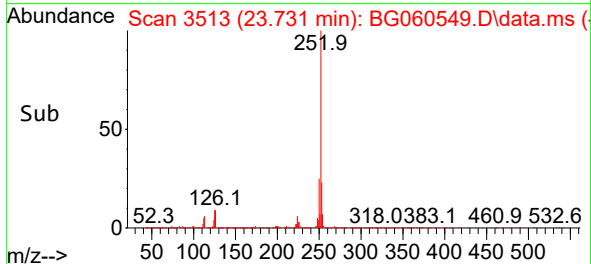
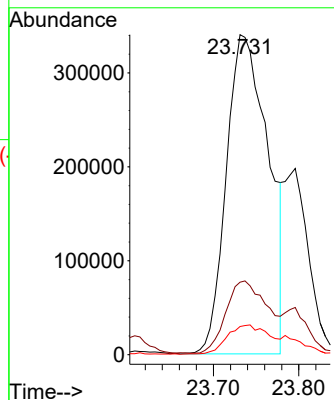
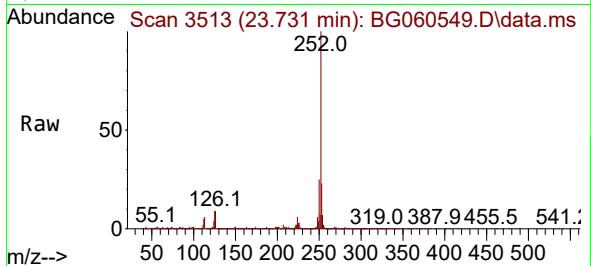




#88
Benzo(b)fluoranthene
Concen: 21.238 ng
RT: 23.731 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

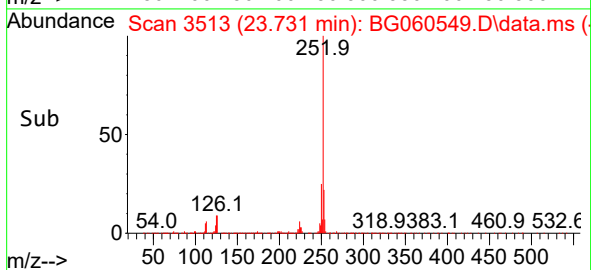
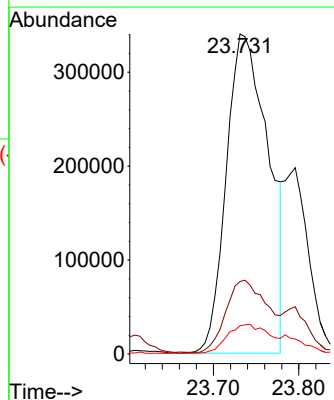
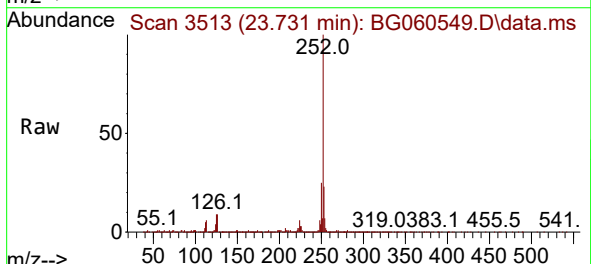
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

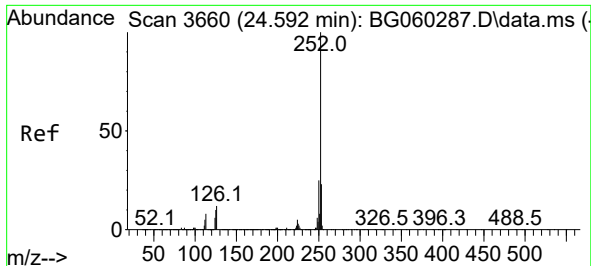
Tgt Ion:252 Resp: 1162637
Ion Ratio Lower Upper
252 100
253 22.6 20.0 30.0
125 8.8 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 21.522 ng
RT: 23.731 min Scan# 3513
Delta R.T. -0.074 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:252 Resp: 1162637
Ion Ratio Lower Upper
252 100
253 22.6 19.6 29.4
125 8.8 8.2 12.2

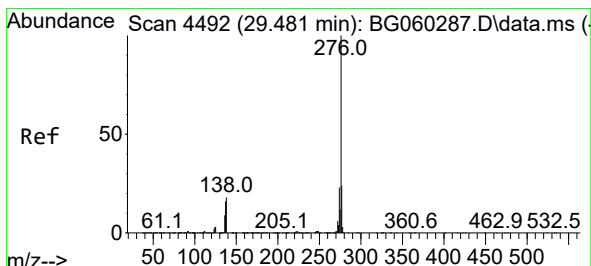
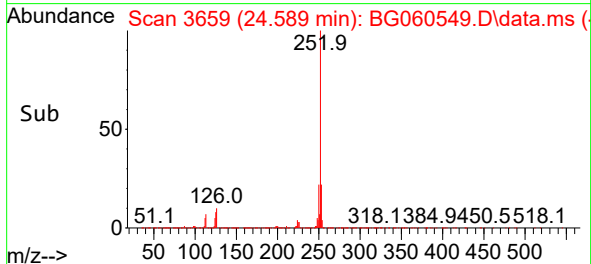
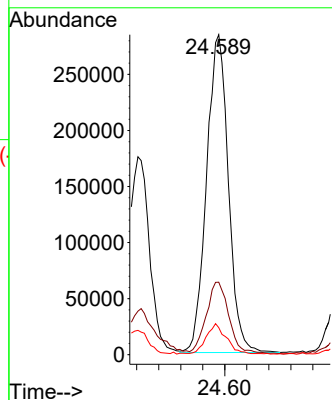
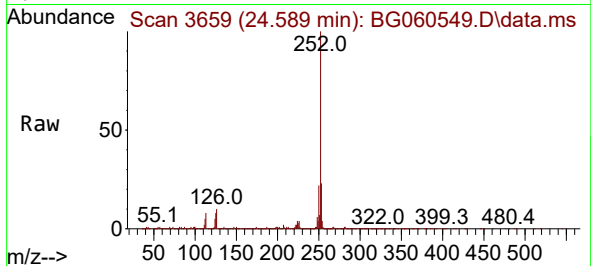




#90
Benzo(a)pyrene
Concen: 15.784 ng
RT: 24.589 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

Tgt Ion:252 Resp: 780545
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 8.4 8.1 12.1



#92
Benzo(g,h,i)perylene
Concen: 8.655 ng
RT: 29.460 min Scan# 4488
Delta R.T. -0.021 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:276 Resp: 466740
Ion Ratio Lower Upper
276 100
277 22.4 19.4 29.0
138 16.5 14.2 21.4

