

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057087.D
 Acq On : 13 Apr 2023 18:36
 Operator : CG/JU
 Sample : 02322-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E9074-BAYC-002

Quant Time: Apr 14 01:23:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

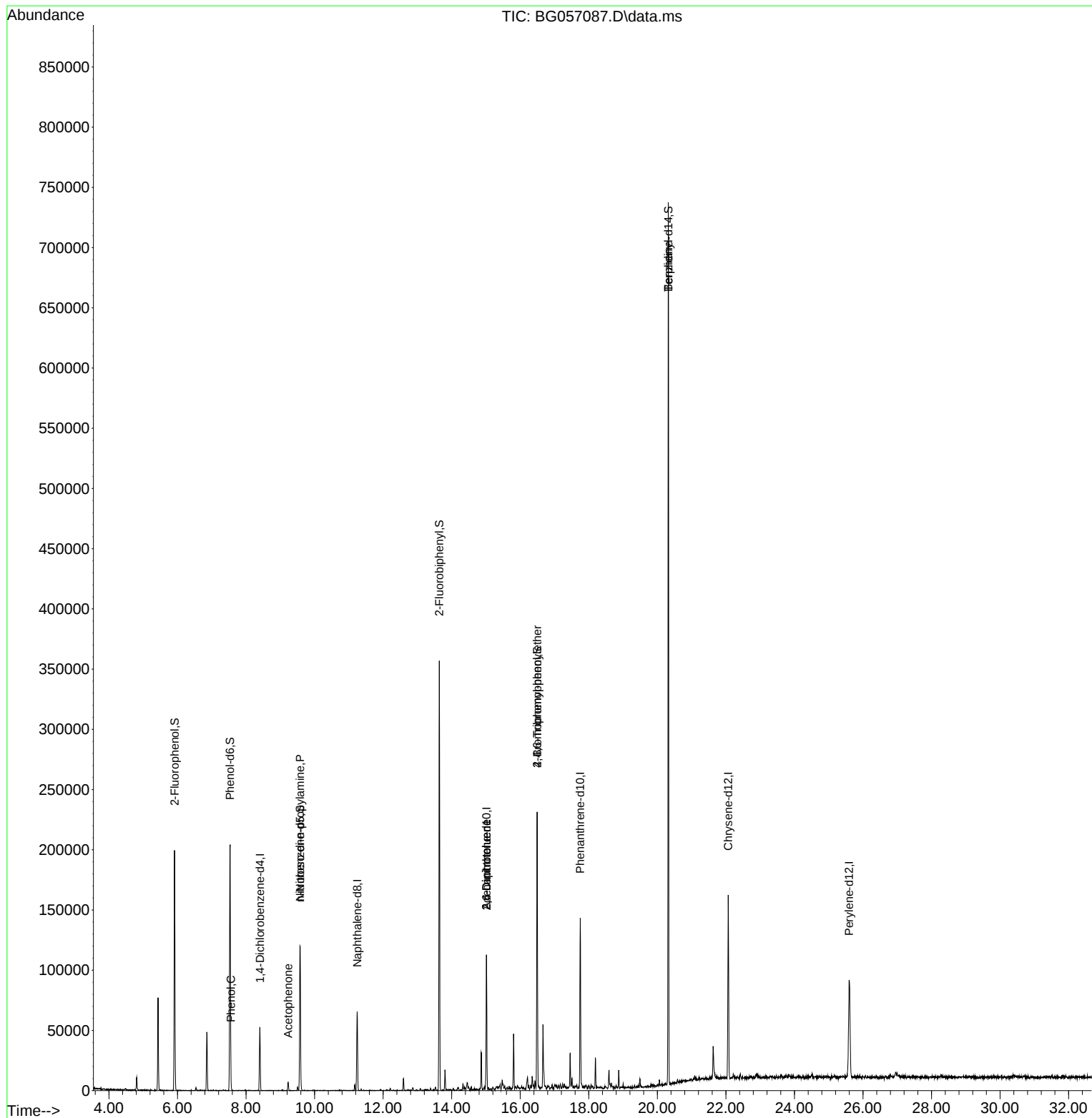
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	14605	20.000	ng	0.00
21) Naphthalene-d8	11.243	136	57270	20.000	ng	0.00
39) Acenaphthene-d10	15.014	164	38390	20.000	ng	0.00
64) Phenanthrene-d10	17.752	188	89573	20.000	ng	#-0.01
76) Chrysene-d12	22.069	240	92236	20.000	ng	#-0.01
86) Perylene-d12	25.594	264	100487	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.915	112	83790	91.819	ng	0.00
7) Phenol-d6	7.536	99	117351	85.981	ng	0.00
23) Nitrobenzene-d5	9.574	82	79051	56.479	ng	-0.01
42) 2,4,6-Tribromophenol	16.494	330	47021	76.670	ng	0.00
45) 2-Fluorobiphenyl	13.639	172	173922	61.433	ng	0.00
79) Terphenyl-d14	20.324	244	354296	64.999	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.559	94	2721	2.012	ng	85
19) n-Nitroso-di-n-propyla...	9.580	70	11198	11.471	ng	# 82
22) Acetophenone	9.228	105	4406	2.585	ng	# 92
51) 2,6-Dinitrotoluene	15.014	165	5259	8.047	ng	# 18
57) 2,4-Dinitrotoluene	15.014	165	5259	5.705	ng	# 18
67) 4-Bromophenyl-phenylether	16.494	248	2771	2.500	ng	# 1
77) Benzydine	20.319	184	5866	2.327	ng	# 95

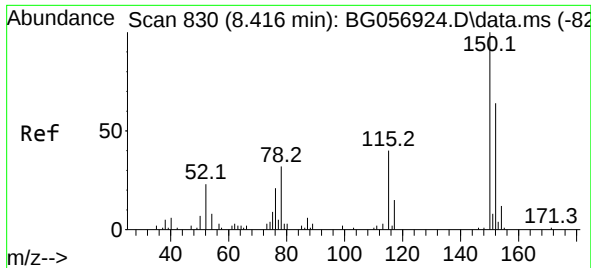
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
E9074-BAYC-002

Quant Time: Apr 14 01:23:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

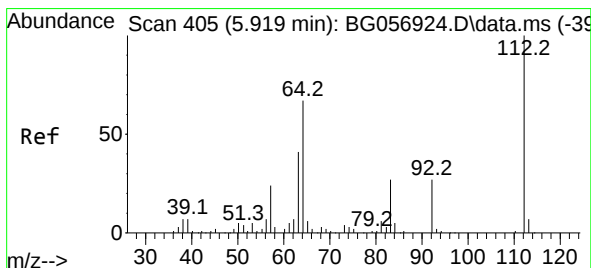
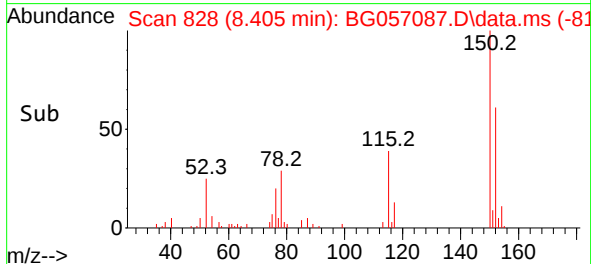
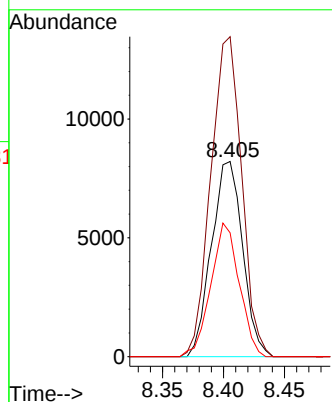
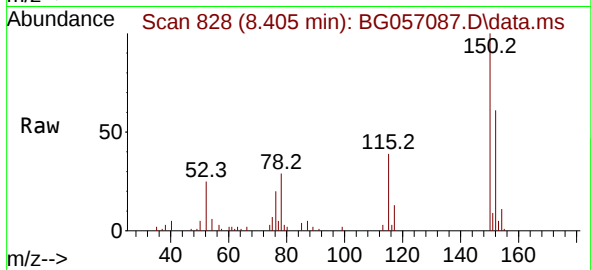




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.405 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

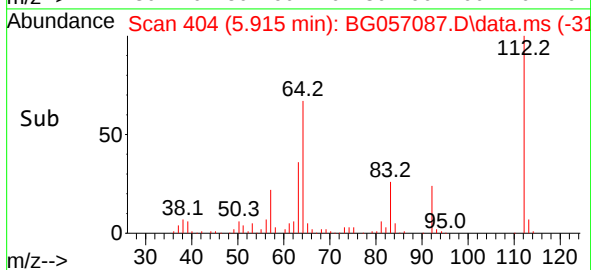
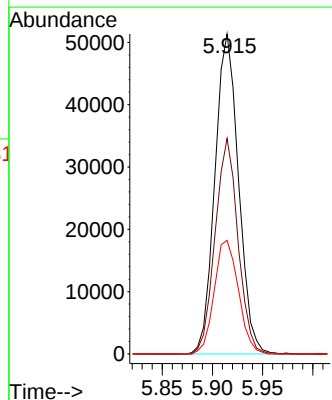
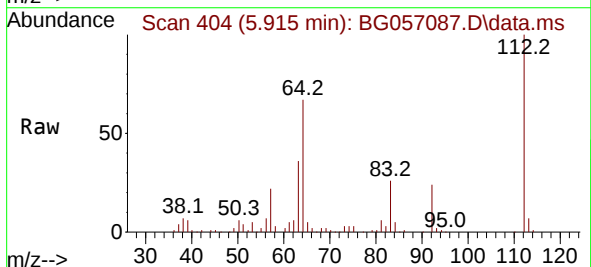
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

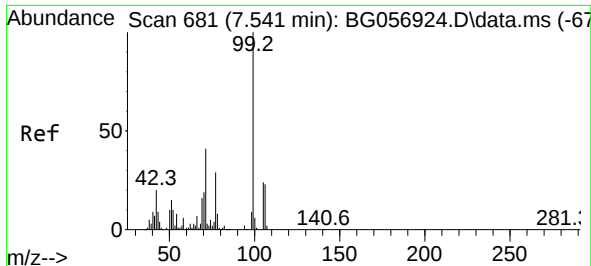
Tgt Ion:152 Resp: 14605
Ion Ratio Lower Upper
152 100
150 163.9 124.1 186.1
115 63.4 49.1 73.7



#5
2-Fluorophenol
Concen: 91.819 ng
RT: 5.915 min Scan# 404
Delta R.T. 0.000 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion:112 Resp: 83790
Ion Ratio Lower Upper
112 100
64 67.3 53.2 79.8
63 35.5 32.6 48.8

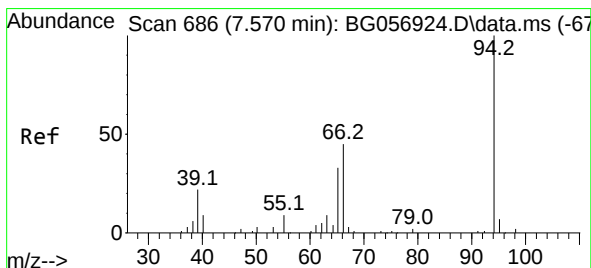
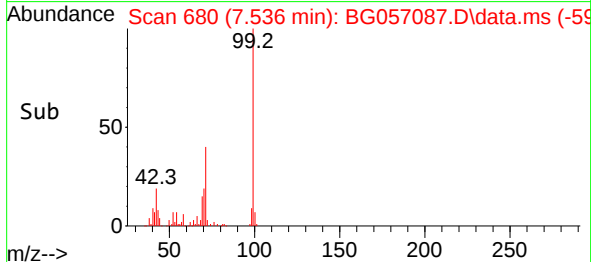
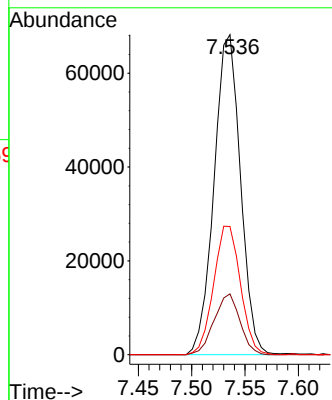
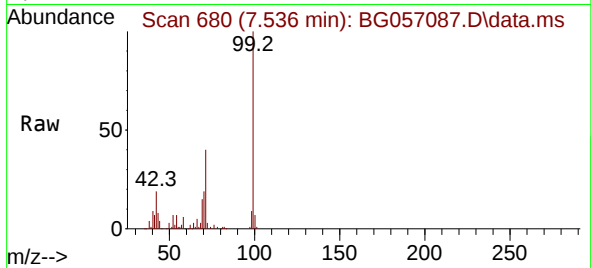




#7
Phenol-d6
Concen: 85.981 ng
RT: 7.536 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

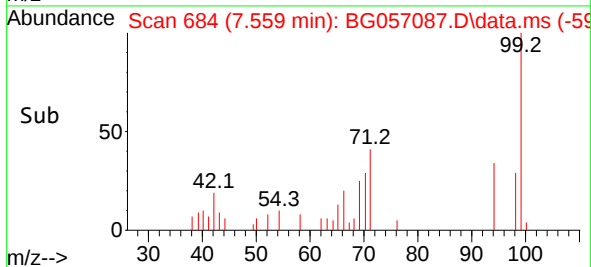
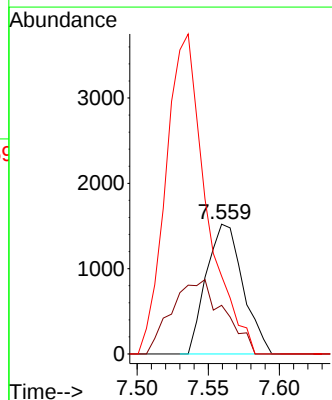
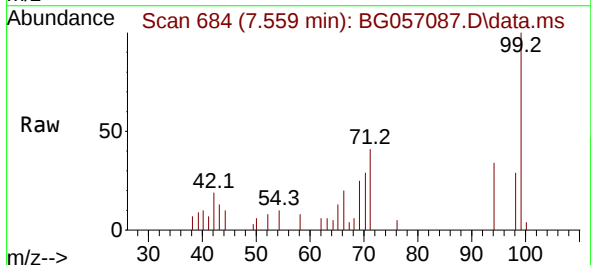
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

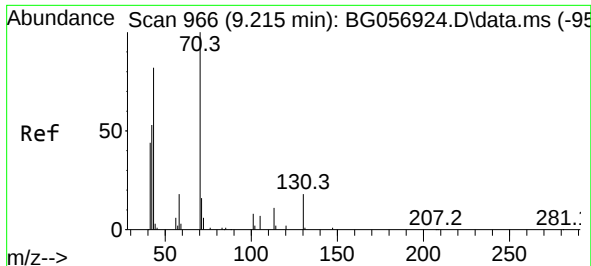
Tgt Ion: 99 Resp: 117351
Ion Ratio Lower Upper
99 100
42 19.0 15.7 23.5
71 40.0 32.5 48.7



#10
Phenol
Concen: 2.012 ng
RT: 7.559 min Scan# 684
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 94 Resp: 2721
Ion Ratio Lower Upper
94 100
65 37.4 13.3 53.3
66 60.0 26.7 66.7

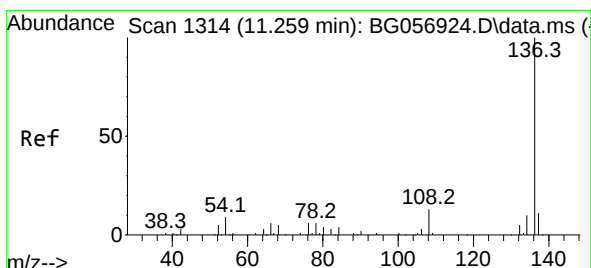
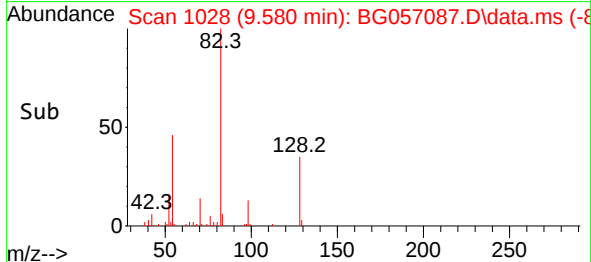
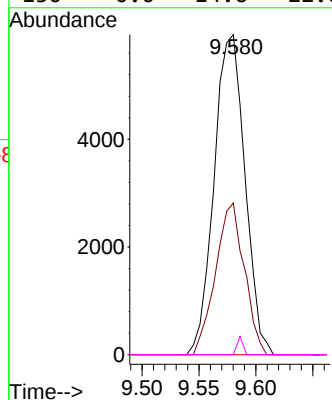
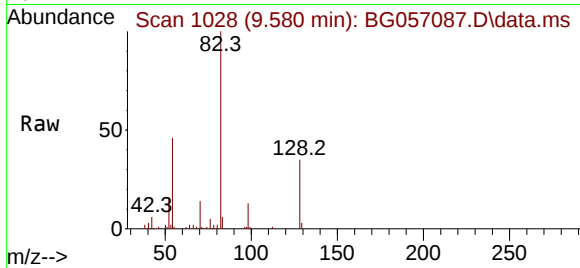




#19
n-Nitroso-di-n-propylamine
Concen: 11.471 ng
RT: 9.580 min Scan# 1028
Delta R.T. 0.370 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

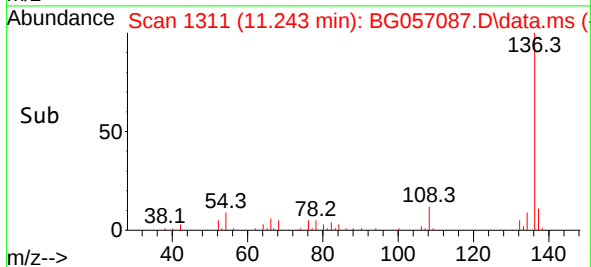
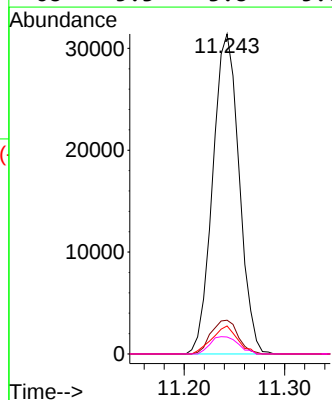
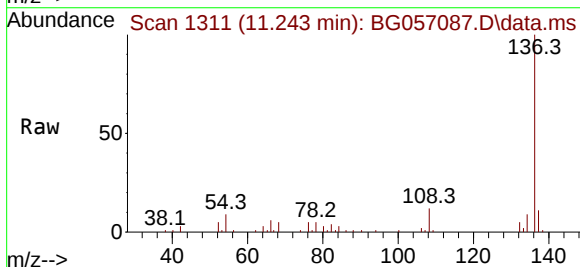
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

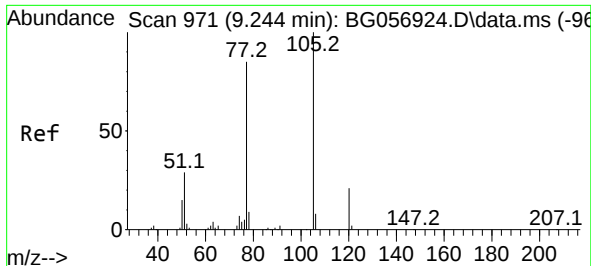
Tgt Ion: 70 Resp: 11198
Ion Ratio Lower Upper
70 100
42 47.4 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.243 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion: 136 Resp: 57270
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 6.9 10.3
68 5.3 3.8 5.6

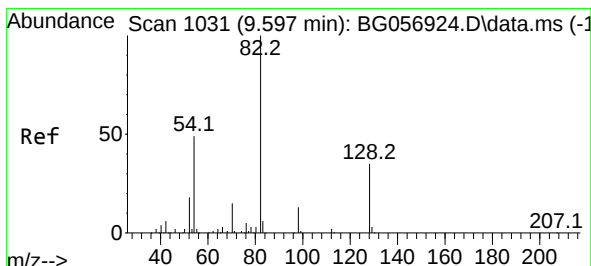
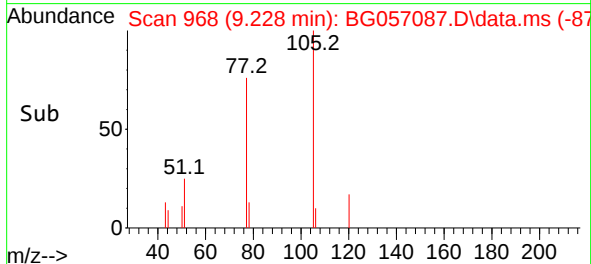
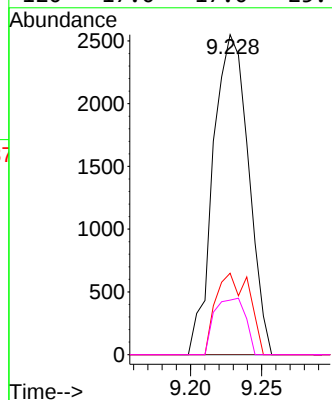
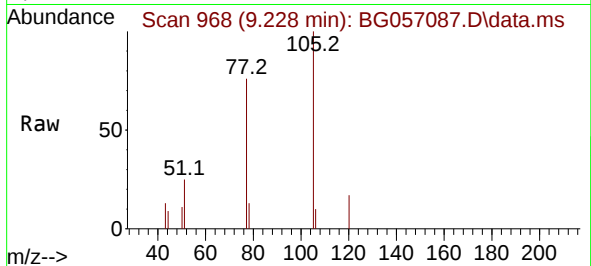




#22
Acetophenone
Concen: 2.585 ng
RT: 9.228 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

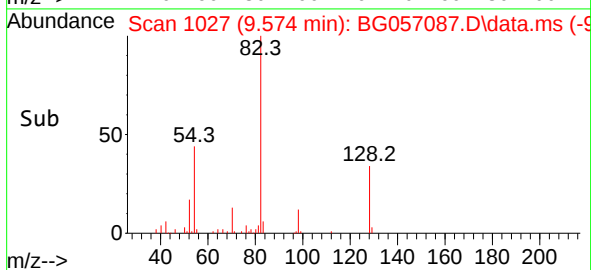
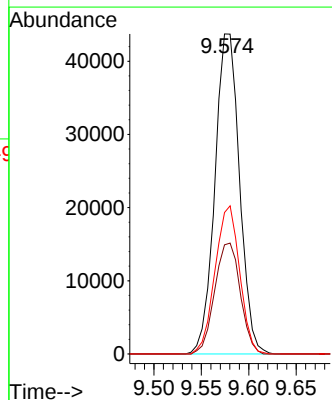
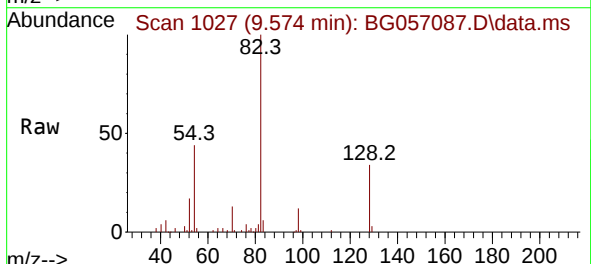
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

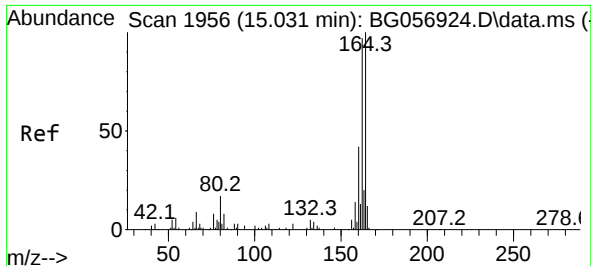
Tgt Ion:	105	Resp:	4406
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.7	1.1#
51	25.5	23.8	35.8
120	17.0	17.0	25.4



#23
Nitrobenzene-d5
Concen: 56.479 ng
RT: 9.574 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion:	82	Resp:	79051
Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.9	41.9
54	44.2	39.4	59.2

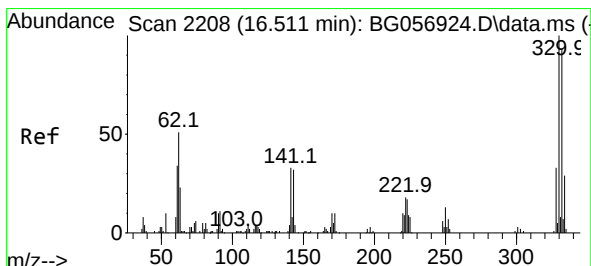
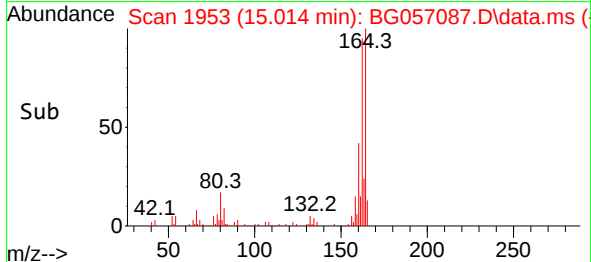
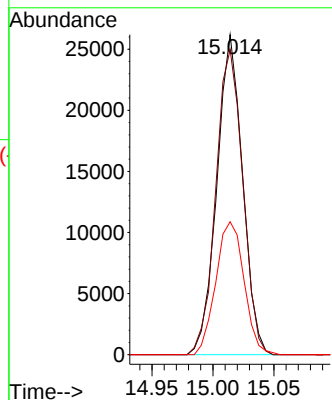
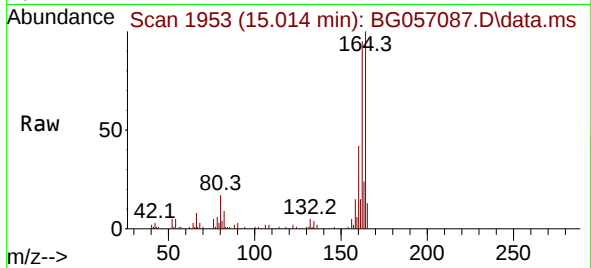




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.014 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

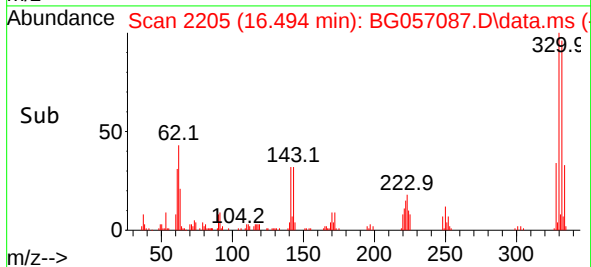
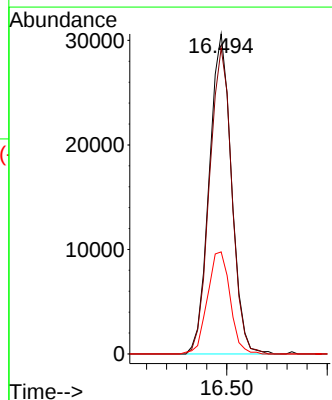
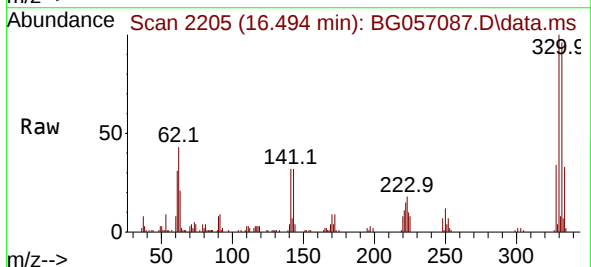
Instrument :
BNA_G
ClientSampleId :
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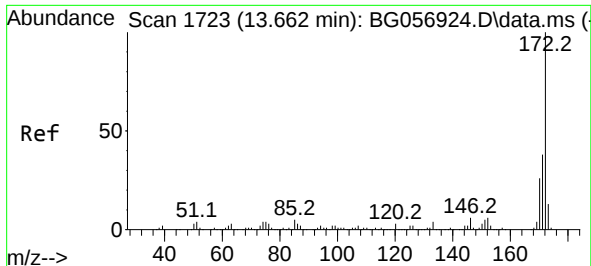
Tgt Ion:164 Resp: 38390
Ion Ratio Lower Upper
164 100
162 95.3 77.8 116.8
160 41.5 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 76.670 ng
RT: 16.494 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion:330 Resp: 47021
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 32.5 25.8 38.6

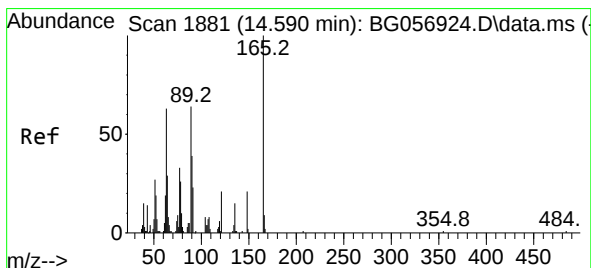
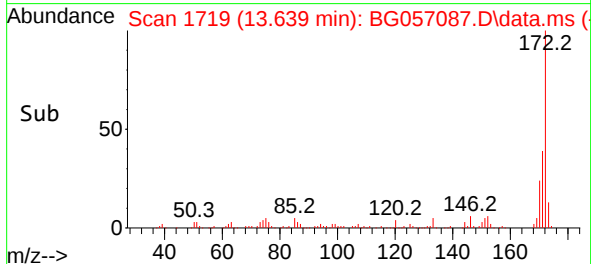
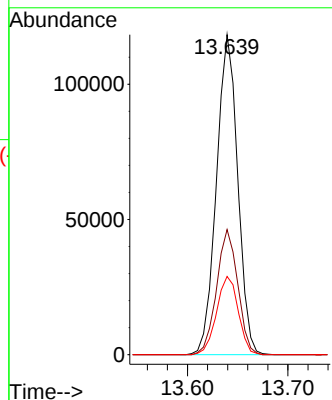
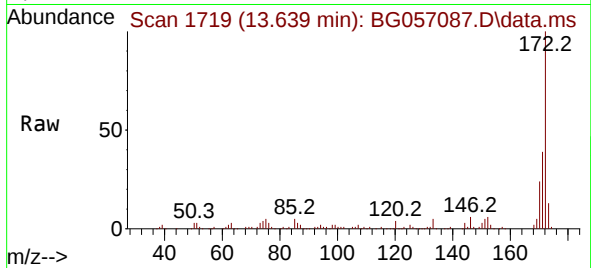




#45
2-Fluorobiphenyl
Concen: 61.433 ng
RT: 13.639 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

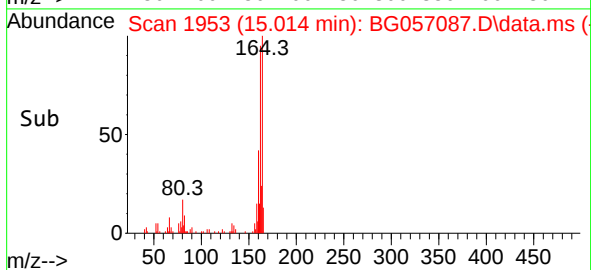
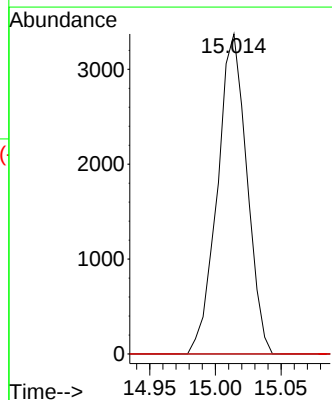
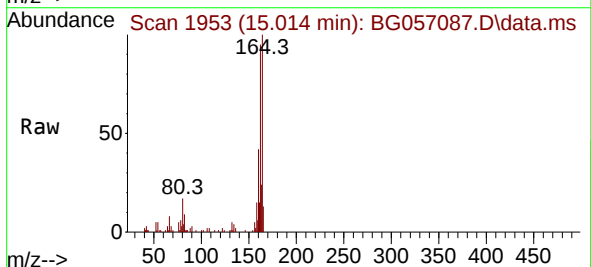
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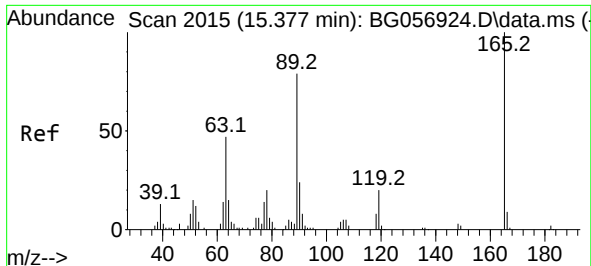
Tgt Ion:172 Resp: 173922
Ion Ratio Lower Upper
172 100
171 39.1 30.6 46.0
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.047 ng
RT: 15.014 min Scan# 1953
Delta R.T. 0.429 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion:165 Resp: 5259
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.705 ng

RT: 15.014 min Scan# 1953

Delta R.T. -0.352 min

Lab File: BG057087.D

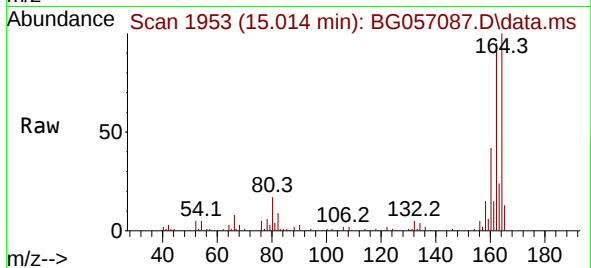
Acq: 13 Apr 2023 18:36

Instrument :

BNA_G

ClientSampleId :

E9074-BAYC-002



Tgt Ion:165 Resp: 5259

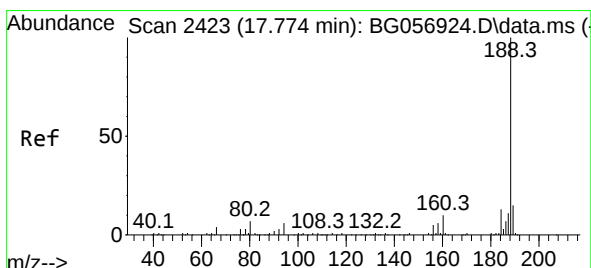
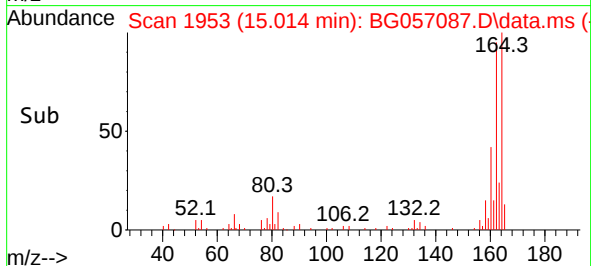
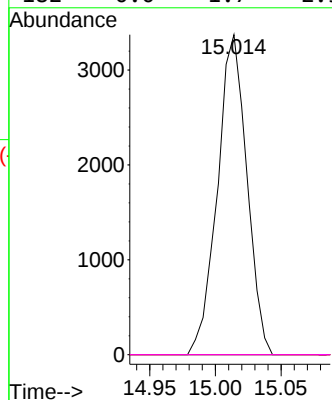
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.752 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BG057087.D

Acq: 13 Apr 2023 18:36

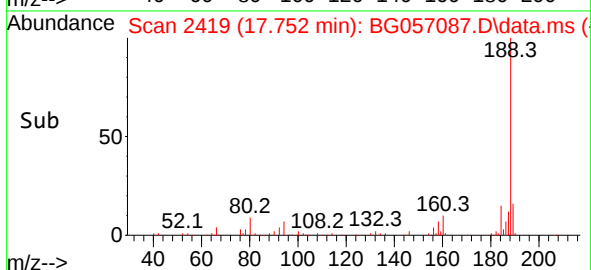
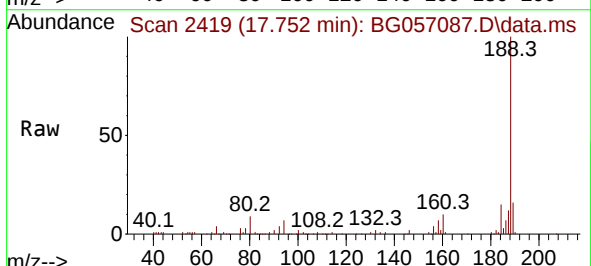
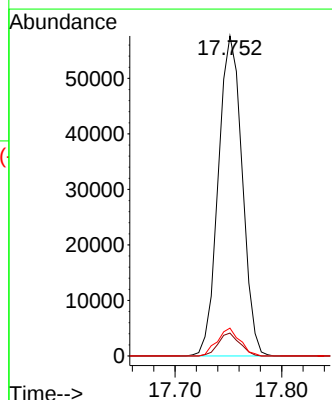
Tgt Ion:188 Resp: 89573

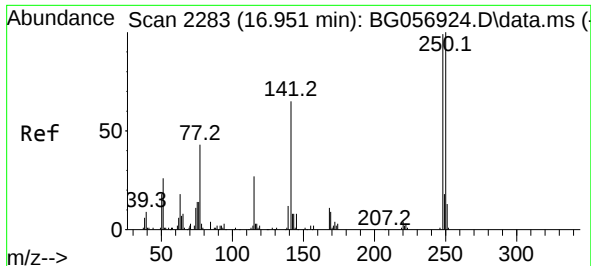
Ion Ratio Lower Upper

188 100

94 7.1 4.6 6.8#

80 8.7 5.5 8.3#

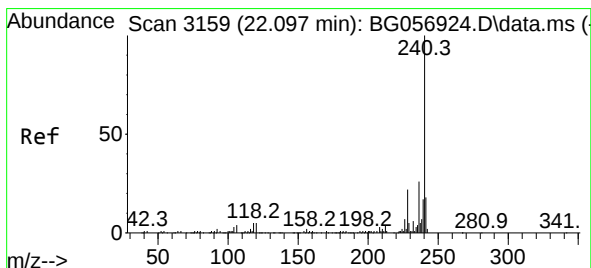
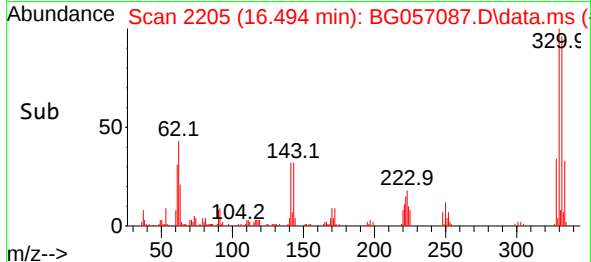
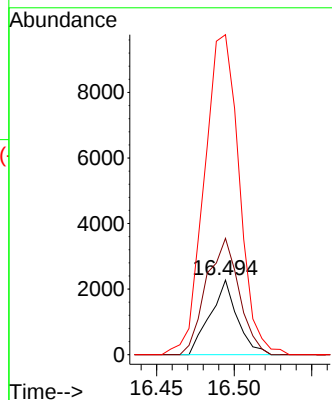
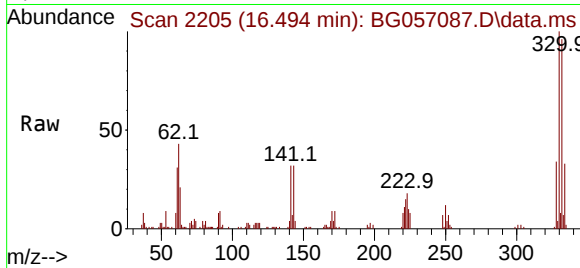




#67
4-Bromophenyl-phenylether
Concen: 2.500 ng
RT: 16.494 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

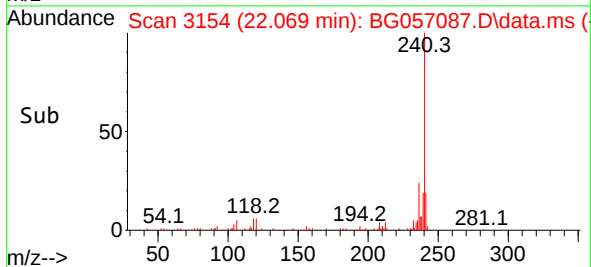
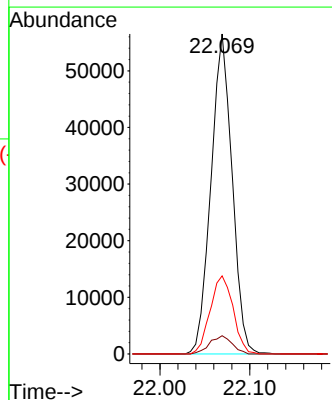
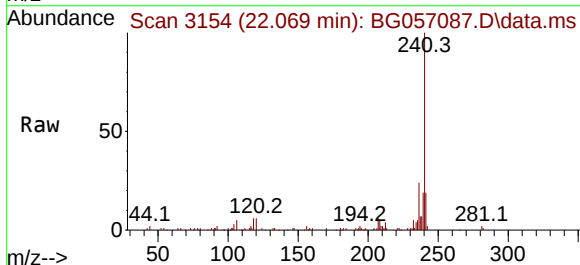
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

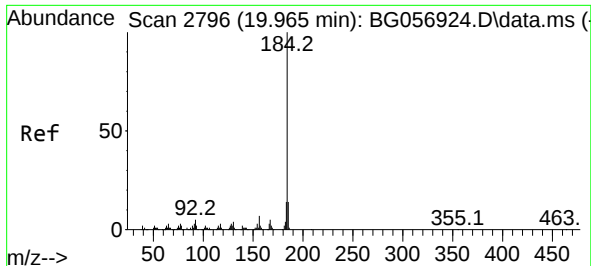
Tgt Ion:248 Resp: 2771
Ion Ratio Lower Upper
248 100
250 156.1 80.5 120.7#
141 429.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.069 min Scan# 3154
Delta R.T. -0.012 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion:240 Resp: 92236
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 24.4 21.0 31.6

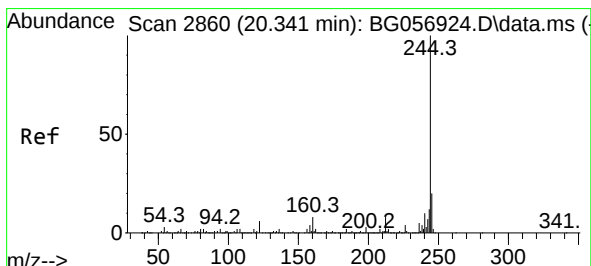
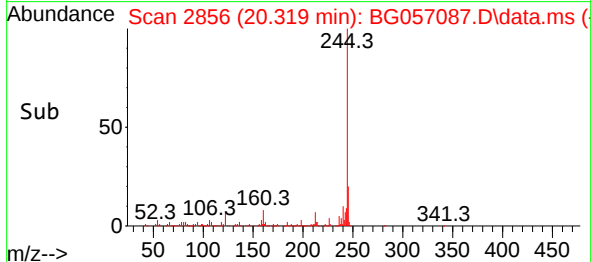
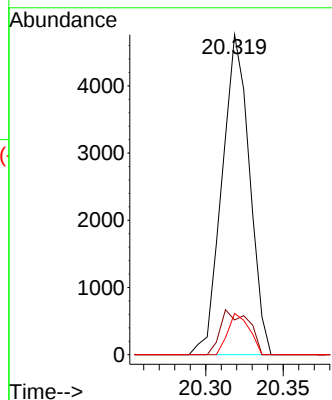
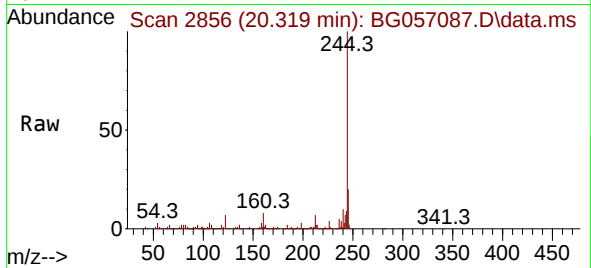




#77
Benzidine
Concen: 2.327 ng
RT: 20.319 min Scan# 2856
Delta R.T. 0.364 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

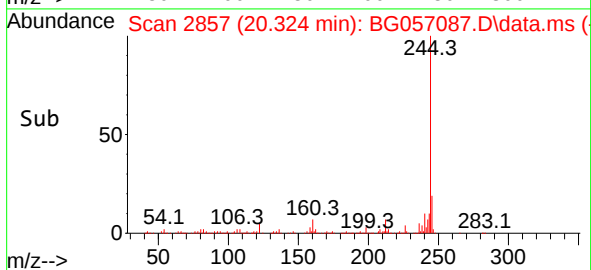
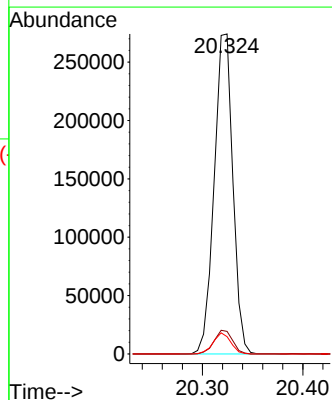
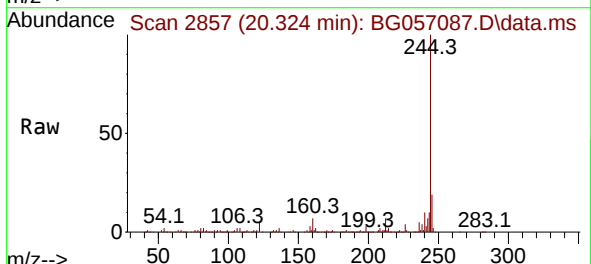
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

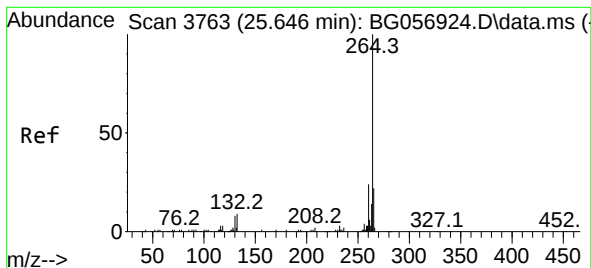
Tgt Ion:184 Resp: 5866
Ion Ratio Lower Upper
184 100
185 10.8 11.0 16.4#
183 12.9 11.4 17.0



#79
Terphenyl-d14
Concen: 64.999 ng
RT: 20.324 min Scan# 2857
Delta R.T. 0.000 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

Tgt Ion:244 Resp: 354296
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.4 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.594 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG057087.D

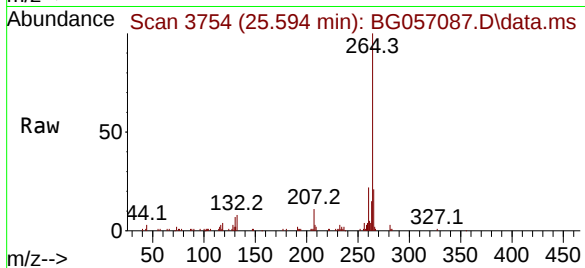
Acq: 13 Apr 2023 18:36

Instrument :

BNA_G

ClientSampleId :

E9074-BAYC-002



Tgt Ion:264 Resp: 100487

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.4

265 21.2 17.8 26.6

