

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 03:43:11 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)

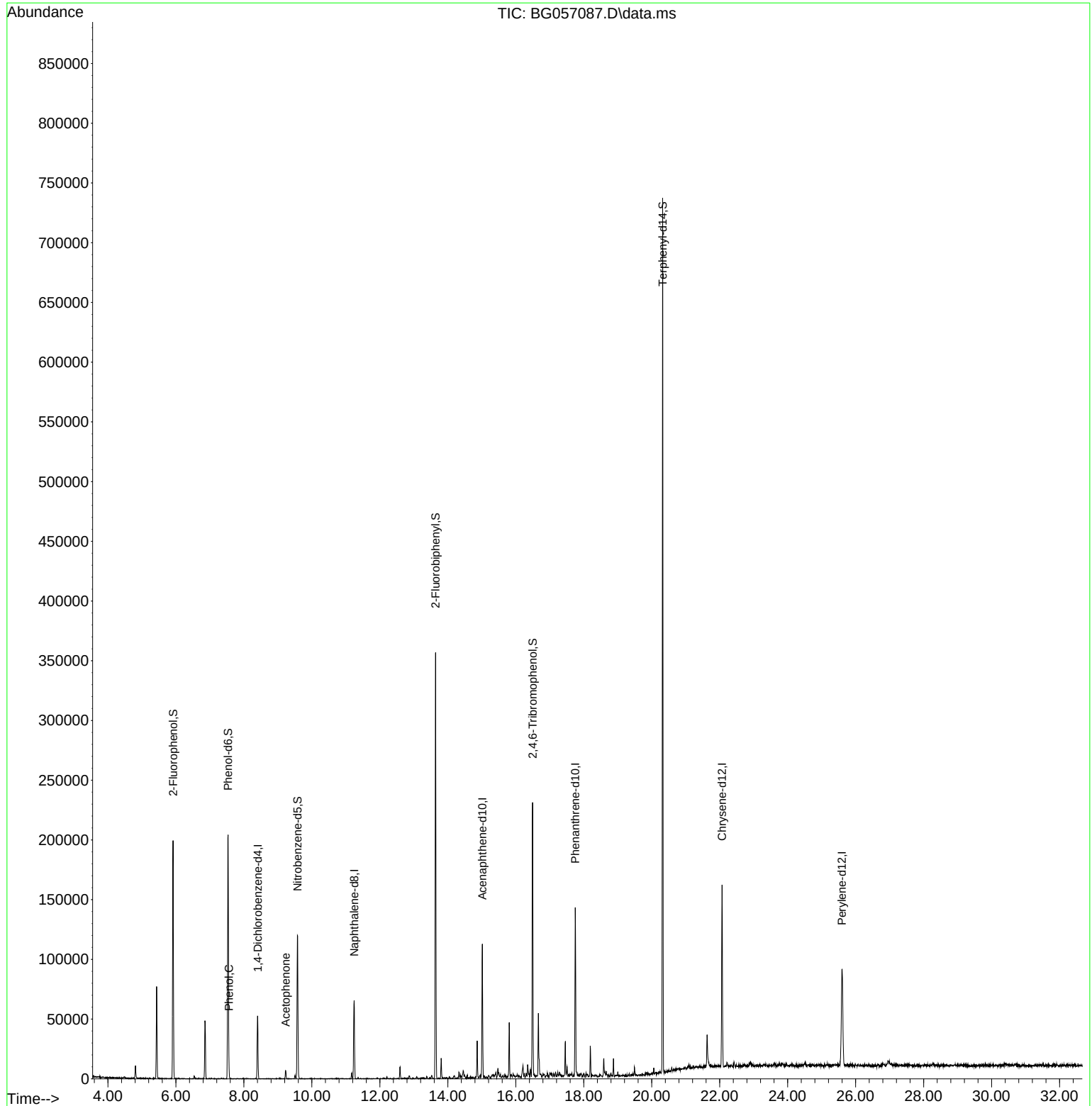
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	14605	20.000	ng	0.00
21) Naphthalene-d8	11.243	136	57270	20.000	ng	0.00
39) Acenaphthene-d10	15.014	164	38390	20.000	ng	0.00
64) Phenanthrene-d10	17.752	188	89573	20.000	ng	#-0.01
76) Chrysene-d12	22.069	240	92236	20.000	ng	#-0.01
86) Perylene-d12	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						
10) Phenol	7.559	94	2721	2.012	ng	Qvalue 85
22) Acetophenone	9.228	105	4406	2.585	ng	# 92

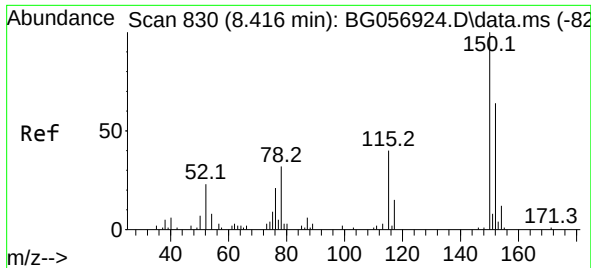
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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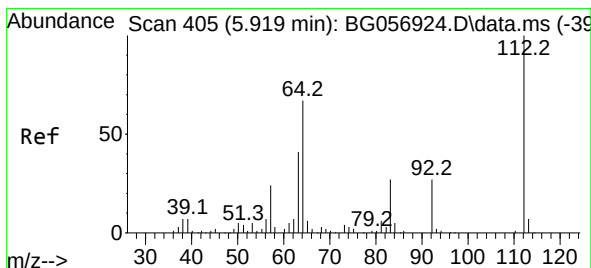
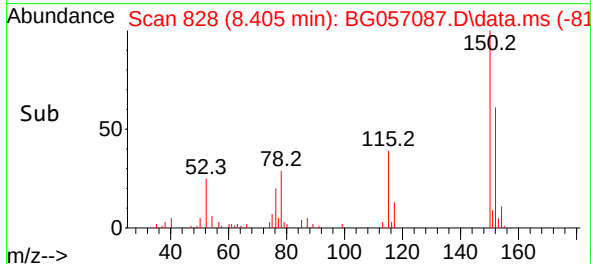
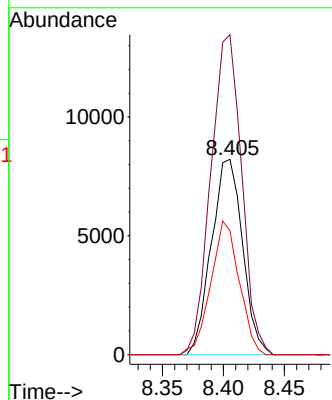
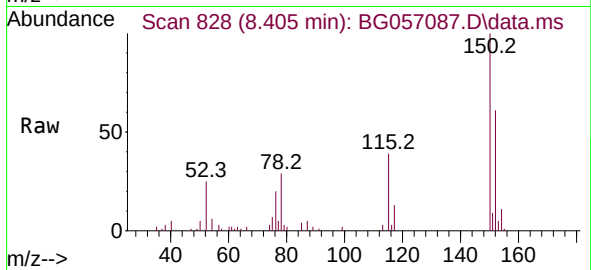




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.405 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG057087.D
 Acq: 13 Apr 2023 18:36

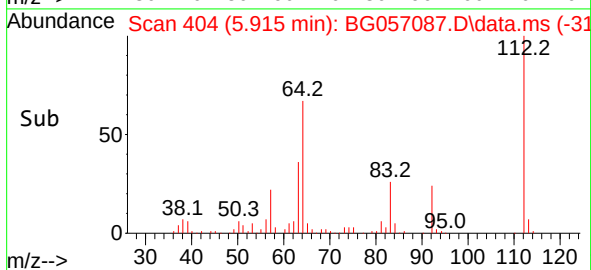
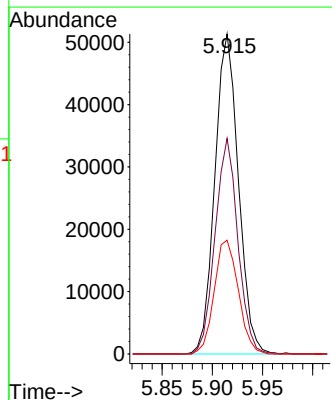
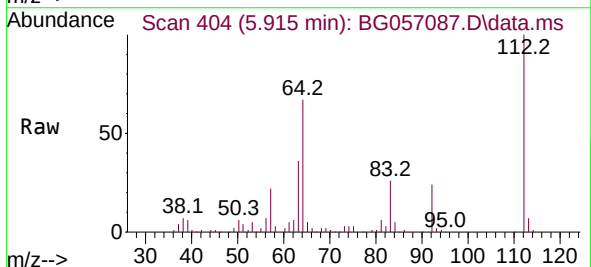
Instrument :
 BNA_G
 ClientSampleId :
 E9074-BAYC-002

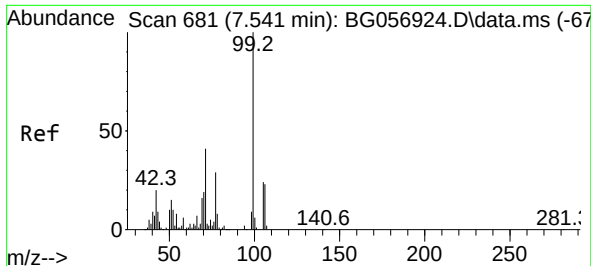
Tgt Ion:152 Resp: 14605
 Ion Ratio Lower Upper
 152 100
 150 163.9 124.1 186.1
 115 63.4 49.1 73.7



#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

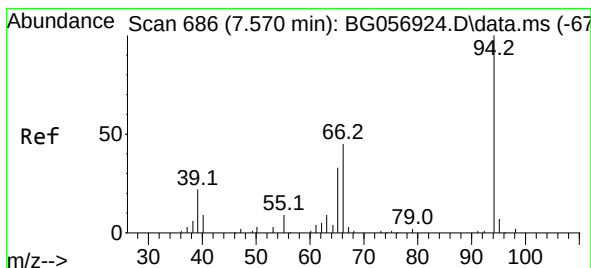
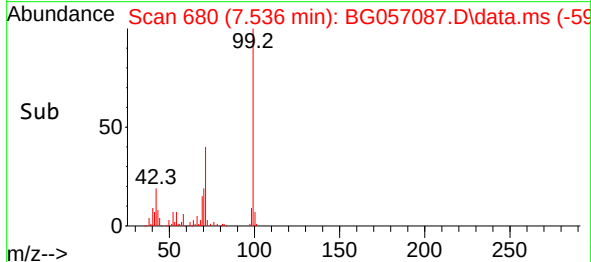
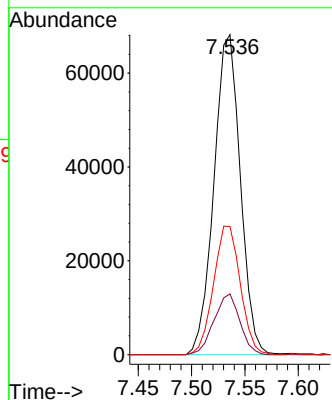
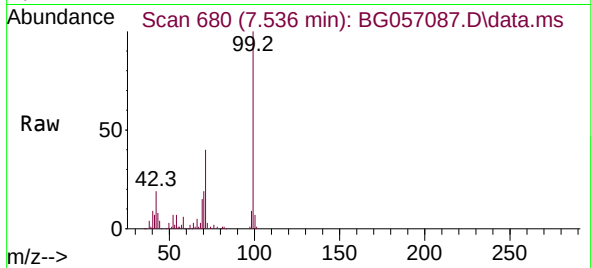




#7
Phenol-d6
Concen: 85.981 ng
RT: 7.536 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

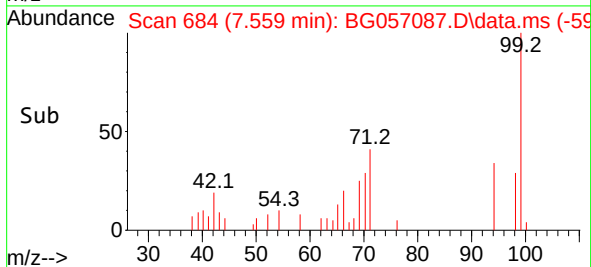
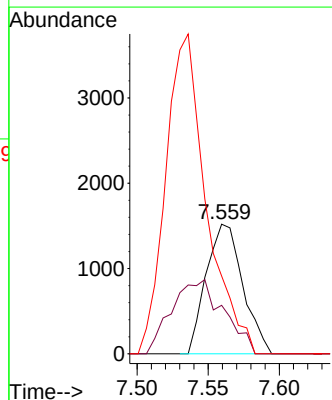
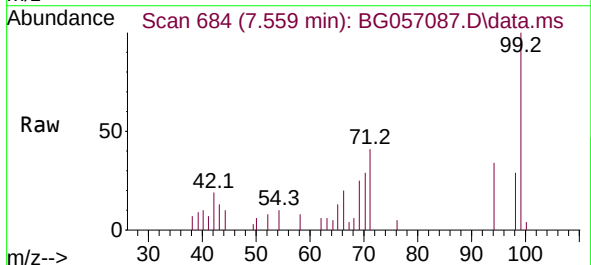
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

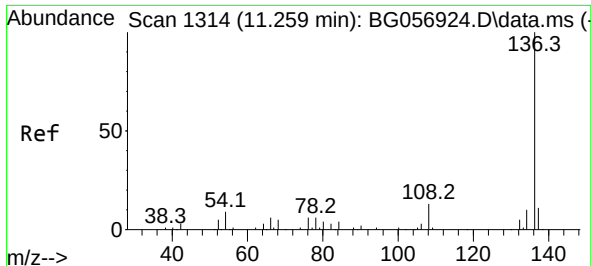
Tgt Ion: 99 Resp: 117351
Ion Ratio Lower Upper
99 100
42 19.0 15.7 23.5
71 40.0 32.5 48.7



#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

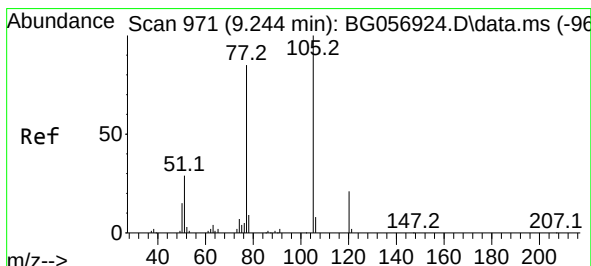
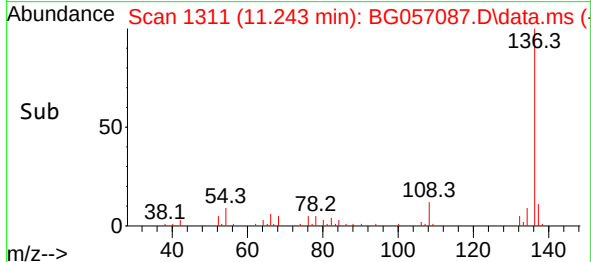
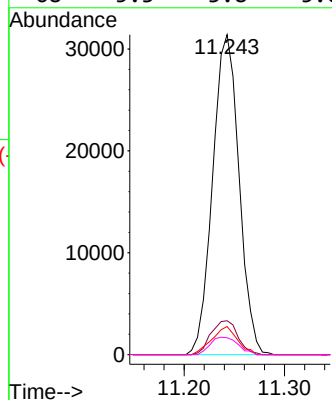
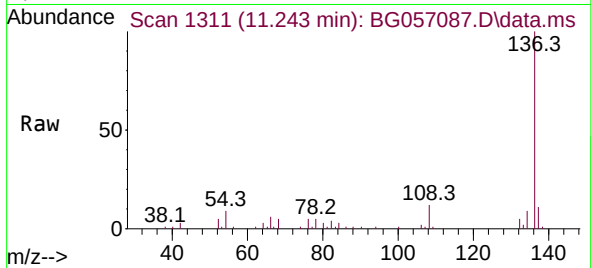




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.243 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

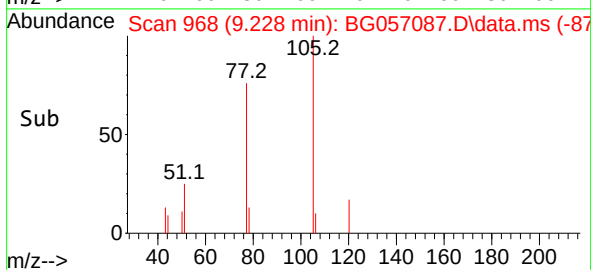
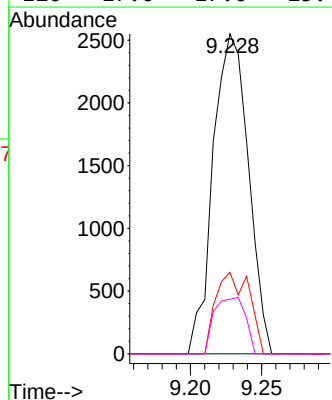
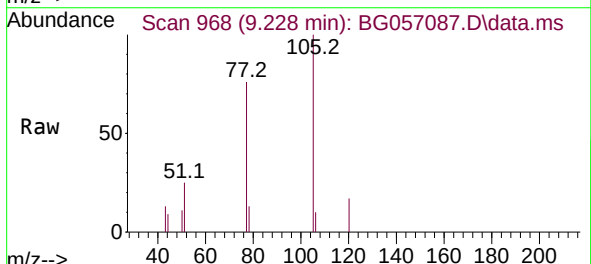
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002

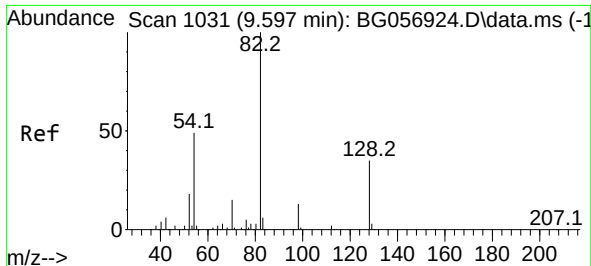
Tgt Ion:136	Resp:	57270
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	8.8	6.9 10.3
68	5.3	3.8 5.6



#22
Acetophenone
Concen: 2.585 ng
RT: 9.228 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

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# 1031

Delta R.T. -0.012 min

Lab File: BG057087.D

Acq: 13 Apr 2023 18:36

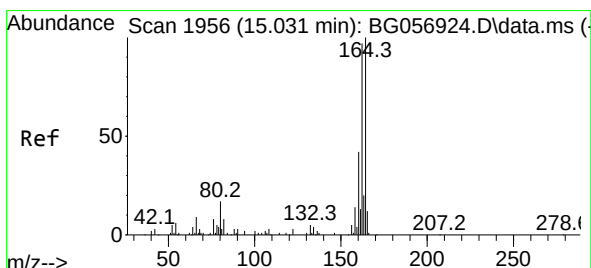
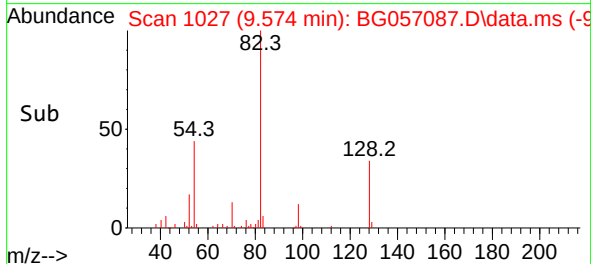
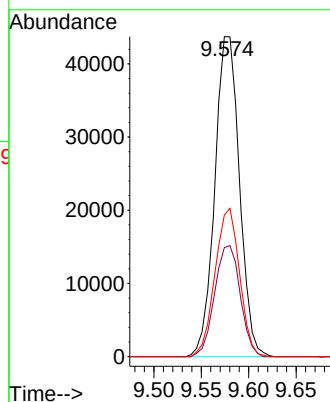
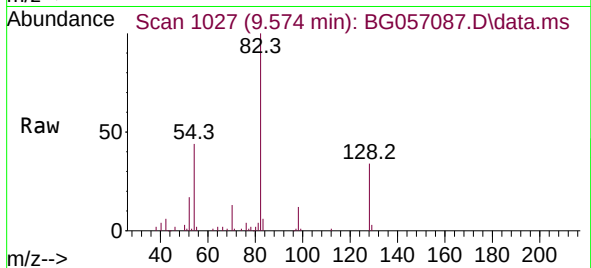
Instrument :

BNA_G

ClientSampleId :

E9074-BAYC-002

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

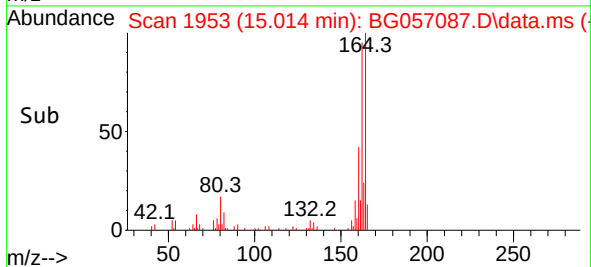
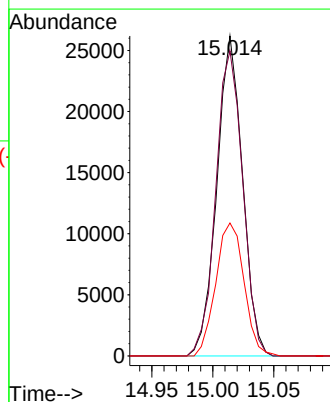
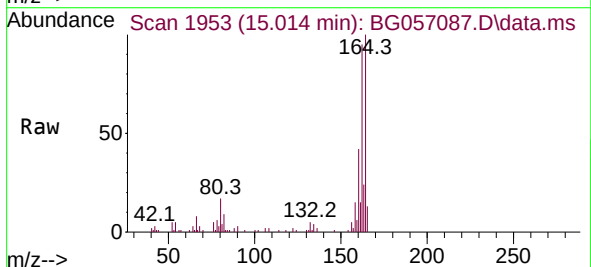
RT: 15.014 min Scan# 1953

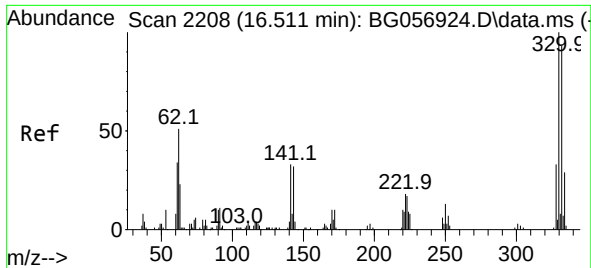
Delta R.T. -0.006 min

Lab File: BG057087.D

Acq: 13 Apr 2023 18:36

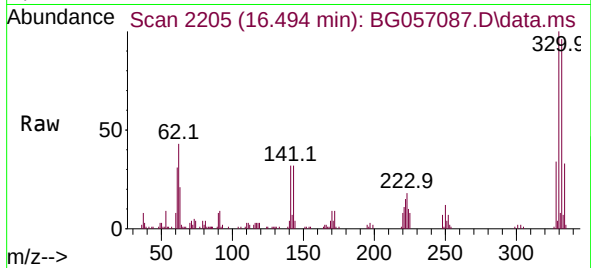
Tgt Ion:	164	Resp:	38390
Ion Ratio	Lower	Upper	
164	100		
162	95.3	77.8	116.8
160	41.5	33.5	50.3



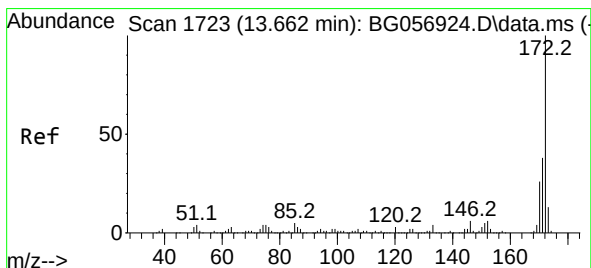
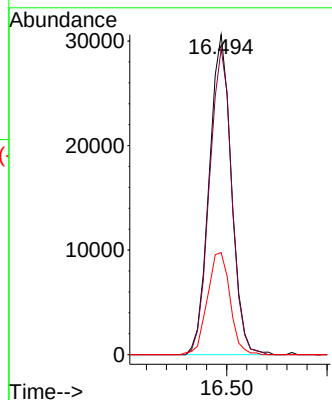
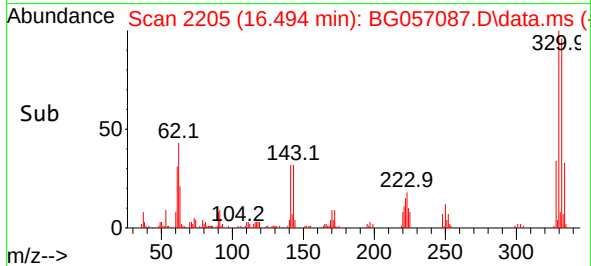


#42
2,4,6-Tribromophenol
Concen: 76.670 ng
RT: 16.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

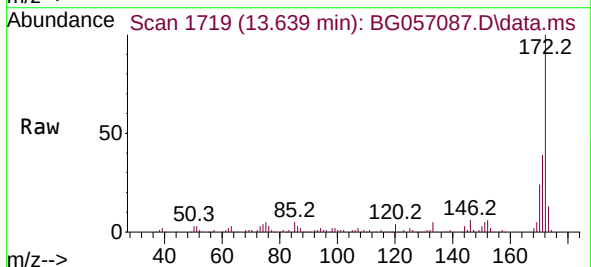
Instrument :
BNA_G
ClientSampleId :
E9074-BAYC-002



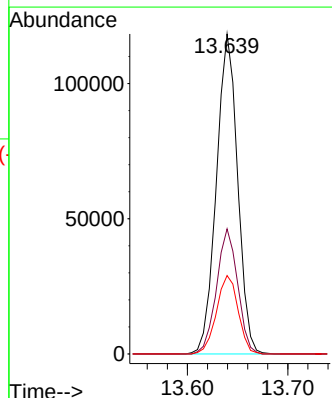
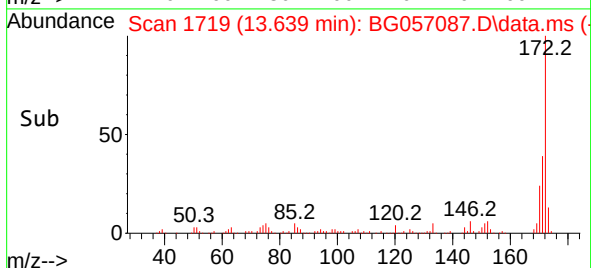
Tgt Ion:330 Resp: 47021
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 32.5 25.8 38.6

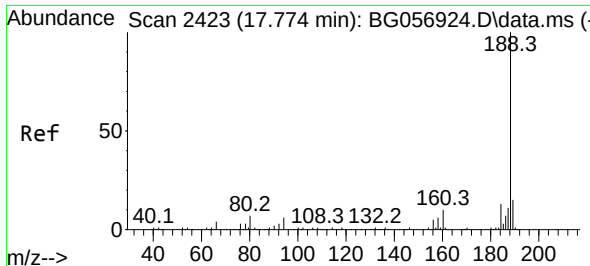


#45
2-Fluorobiphenyl
Concen: 61.433 ng
RT: 13.639 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36



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

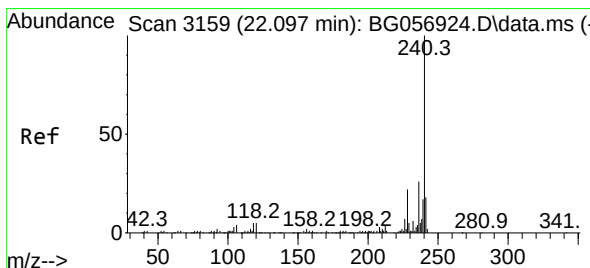
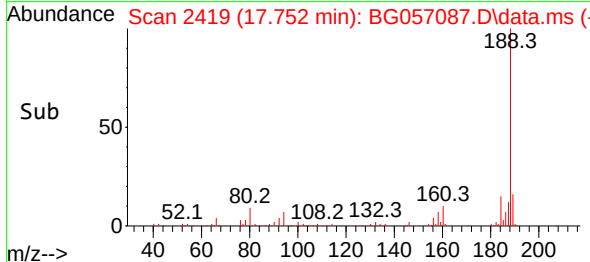
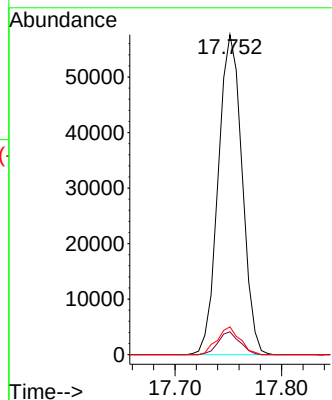
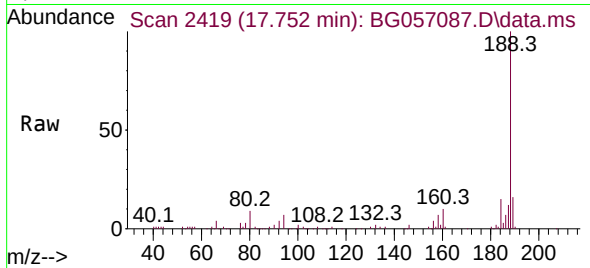




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.752 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BG057087.D
Acq: 13 Apr 2023 18:36

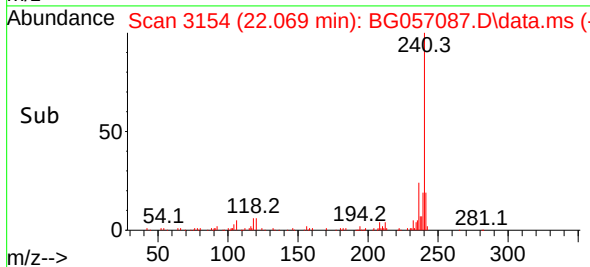
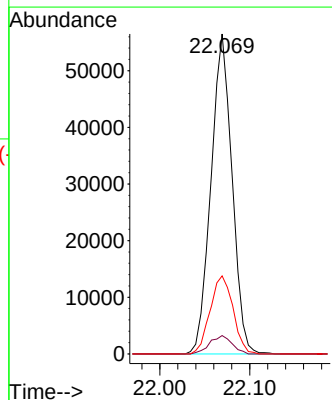
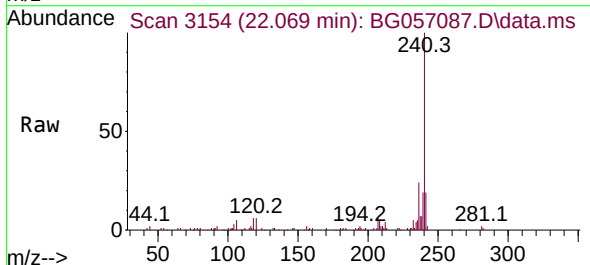
Instrument :
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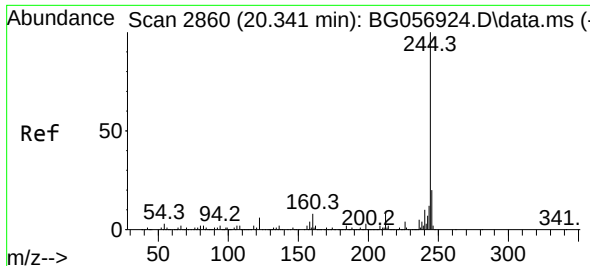
Tgt Ion:188 Resp: 89573
Ion Ratio Lower Upper
188 100
94 7.1 4.6 6.8#
80 8.7 5.5 8.3#



#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

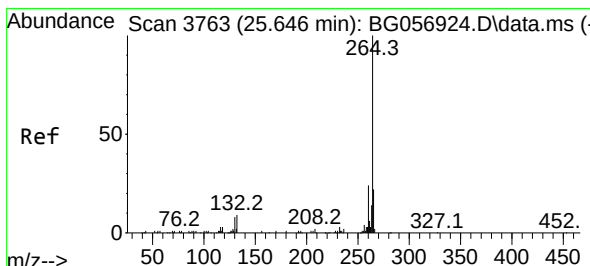
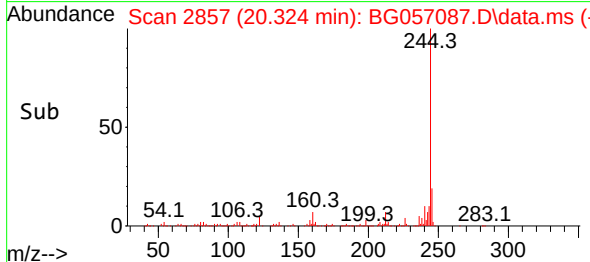
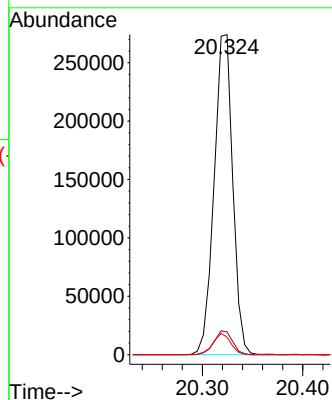
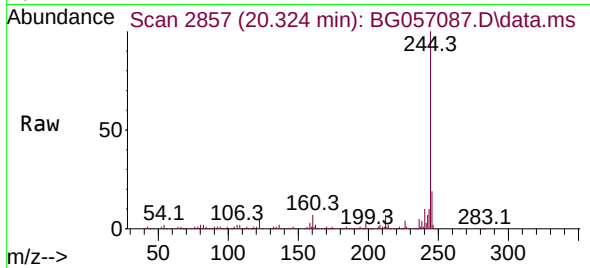




#79
 Terphenyl-d14
 Concen: 64.999 ng
 RT: 20.324 min Scan# 2860
 Delta R.T. 0.000 min
 Lab File: BG057087.D
 Acq: 13 Apr 2023 18:36

Instrument :
 BNA_G
 ClientSampleId :
 E9074-BAYC-002

Tgt Ion: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# 3754
 Delta R.T. -0.018 min
 Lab File: BG057087.D
 Acq: 13 Apr 2023 18:36

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

