

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057614.D
 Acq On : 30 May 2023 20:14
 Operator : CG/JU
 Sample : 02955-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC27

Quant Time: May 31 03:29:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 03:25:39 2023
 Response via : Initial Calibration

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

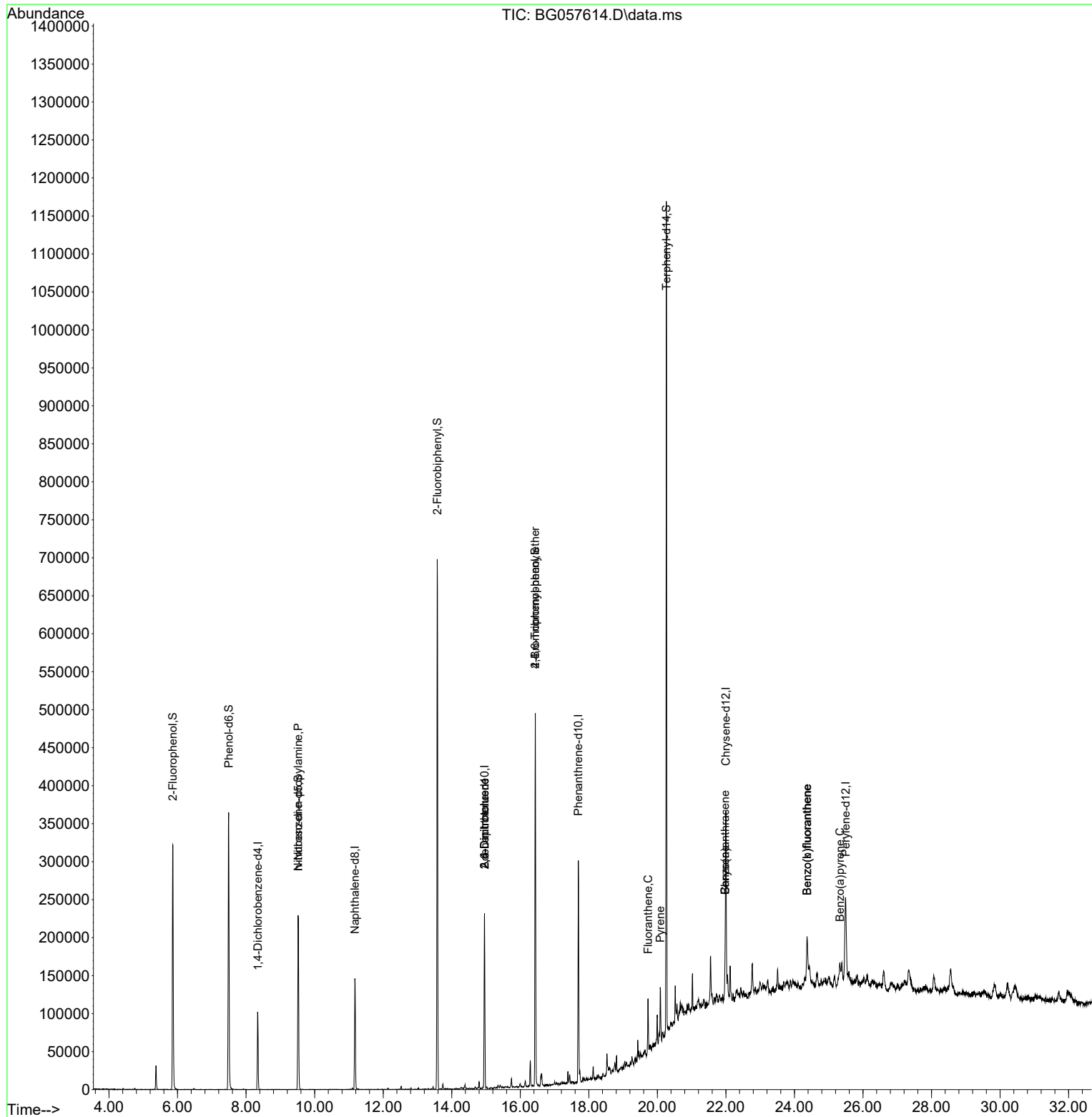
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	29785	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	124879	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	85353	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	186627	20.000	ng	0.00
76) Chrysene-d12	22.001	240	155910	20.000	ng	0.00
86) Perylene-d12	25.496	264	161843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	157950	92.129	ng	0.00
7) Phenol-d6	7.491	99	233789	87.135	ng	0.00
23) Nitrobenzene-d5	9.518	82	154681	57.902	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	101277	74.113	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	376225	63.346	ng	0.00
79) Terphenyl-d14	20.262	244	536305	59.586	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	20667	11.087	ng	# 80
51) 2,6-Dinitrotoluene	14.957	165	10997	7.303	ng	# 27
57) 2,4-Dinitrotoluene	14.957	165	10997	4.877	ng	# 25
67) 4-Bromophenyl-phenylether	16.438	248	7351	3.511	ng	# 1
75) Fluoranthene	19.727	202	44408	3.582	ng	100
78) Pyrene	20.086	202	41702	3.757	ng	96
81) Benzo(a)anthracene	21.977	228	29189	2.699	ng	# 96
83) Chrysene	21.977	228	29189	2.856	ng	92
88) Benzo(b)fluoranthene	24.374	252	43601	4.377	ng	# 91
89) Benzo(k)fluoranthene	24.374	252	43601	4.337	ng	# 88
90) Benzo(a)pyrene	25.332	252	27021	2.781	ng	# 91

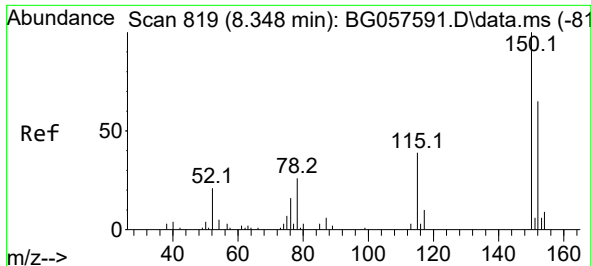
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057614.D
Acq On : 30 May 2023 20:14
Operator : CG/JU
Sample : 02955-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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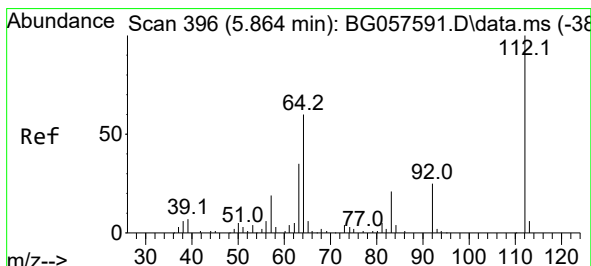
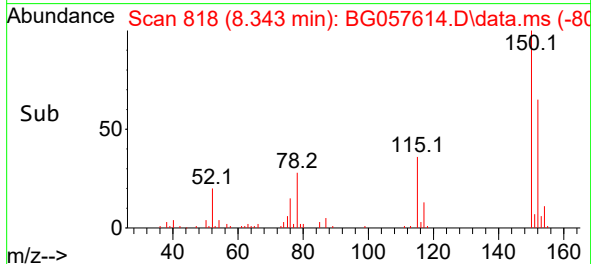
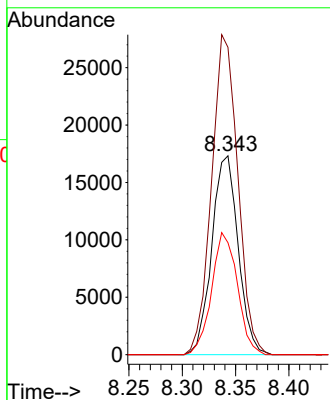
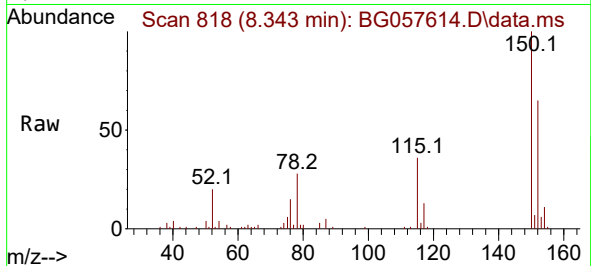




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

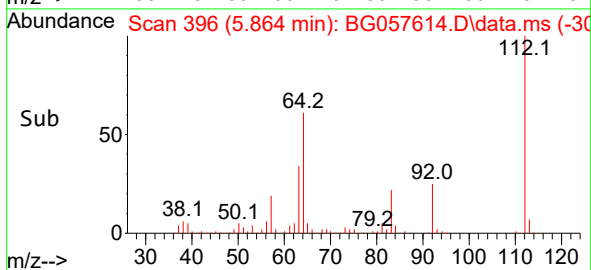
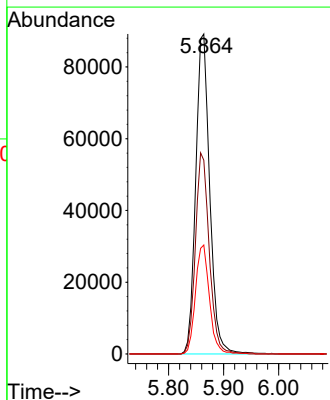
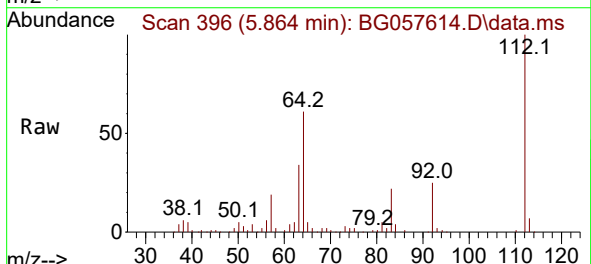
Instrument :
BNA_G
ClientSampleId :
WC27

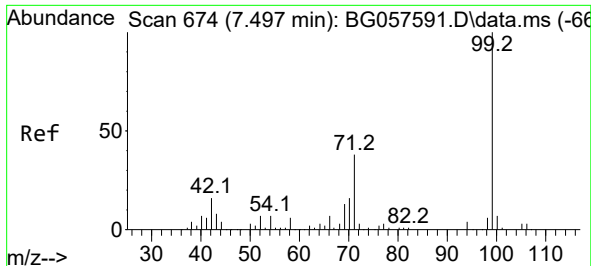
Tgt Ion:152 Resp: 29785
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.4
115 56.3 47.4 71.2



#5
2-Fluorophenol
Concen: 92.129 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.005 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:112 Resp: 157950
Ion Ratio Lower Upper
112 100
64 60.6 47.8 71.6
63 34.1 27.8 41.8

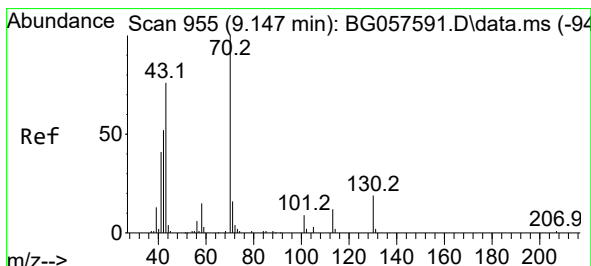
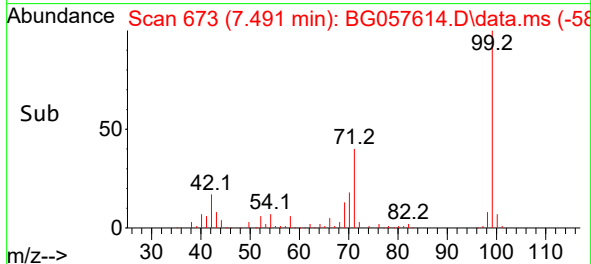
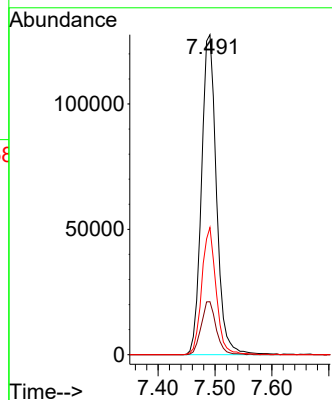
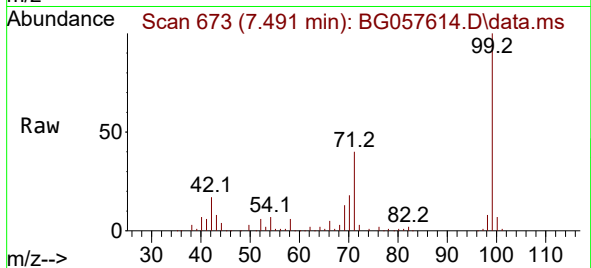




#7
Phenol-d6
Concen: 87.135 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

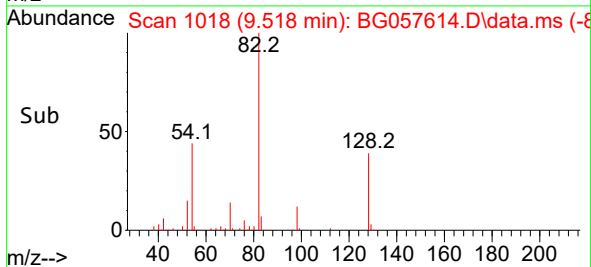
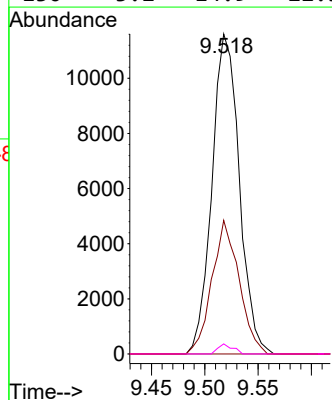
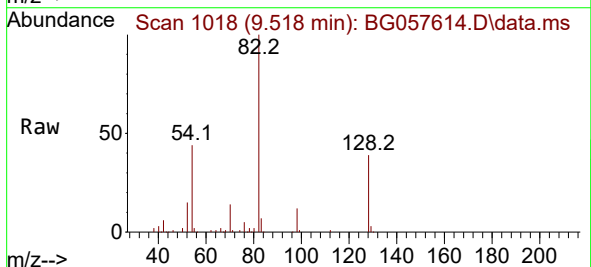
Instrument :
BNA_G
ClientSampleId :
WC27

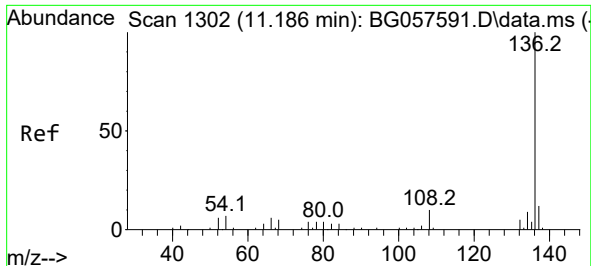
Tgt Ion: 99 Resp: 233789
Ion Ratio Lower Upper
99 100
42 16.5 12.8 19.2
71 39.8 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.087 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.375 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion: 70 Resp: 20667
Ion Ratio Lower Upper
70 100
42 41.7 41.4 62.0
101 0.0 6.9 10.3#
130 3.2 14.9 22.3#

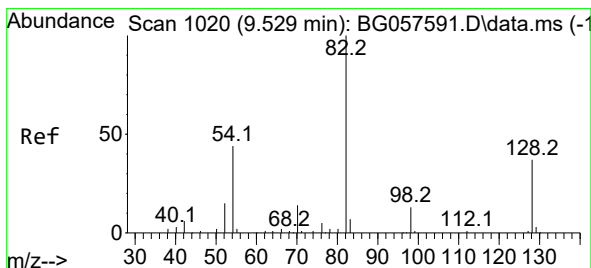
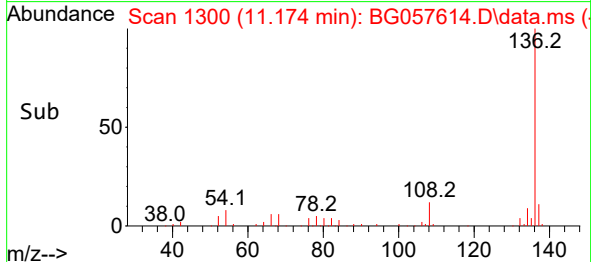
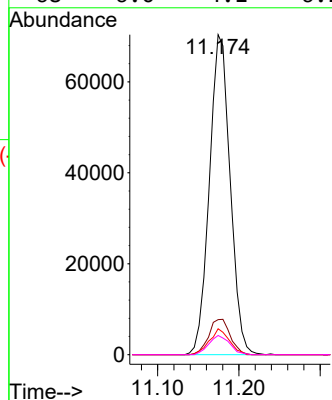
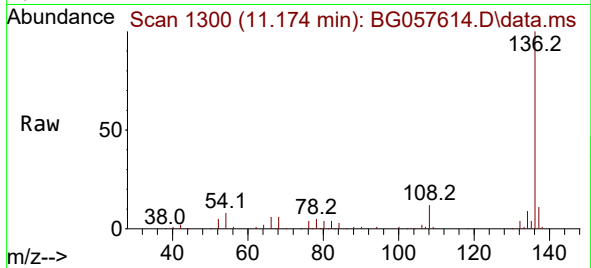




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.174 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

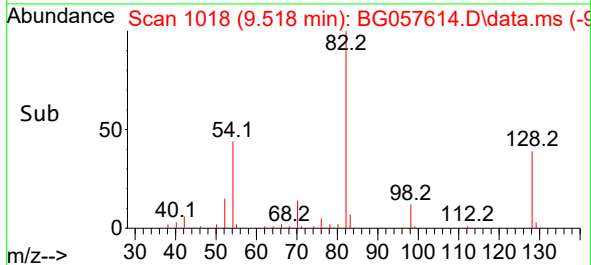
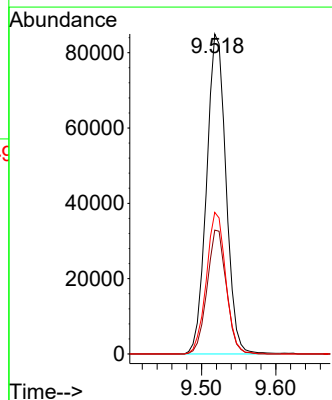
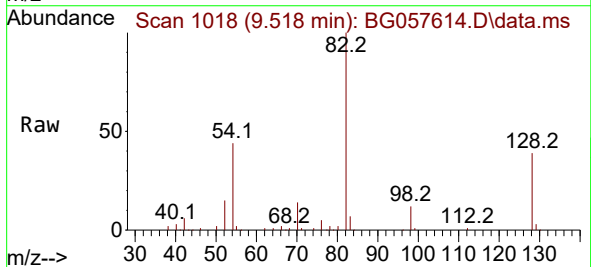
Instrument :
BNA_G
ClientSampleId :
WC27

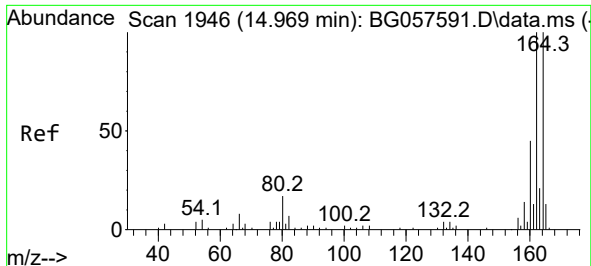
Tgt Ion:	136	Resp:	124879
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	8.1	5.8	8.6
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 57.902 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:	82	Resp:	154681
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.0	45.0
54	44.2	35.2	52.8

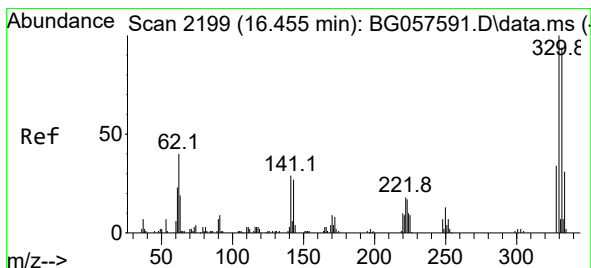
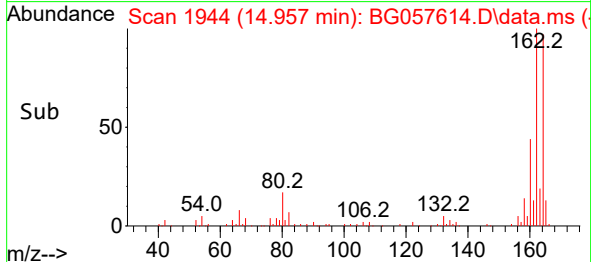
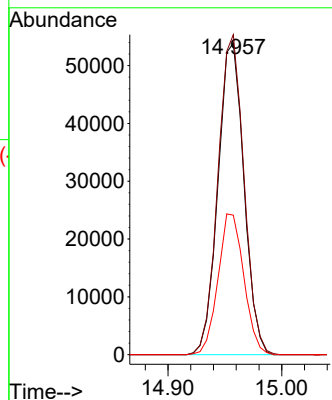
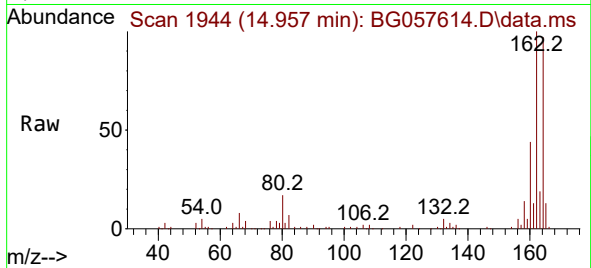




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

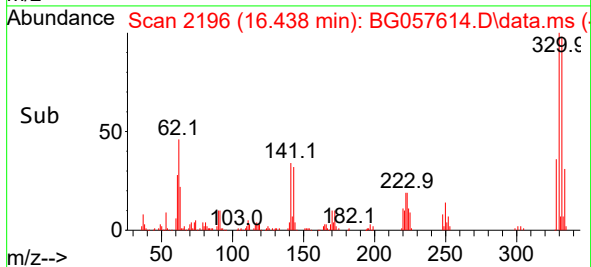
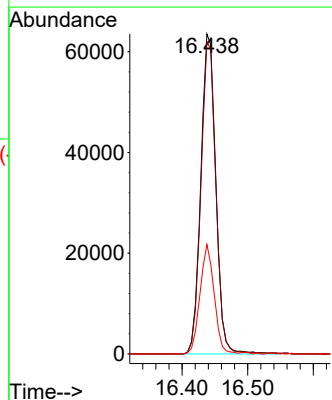
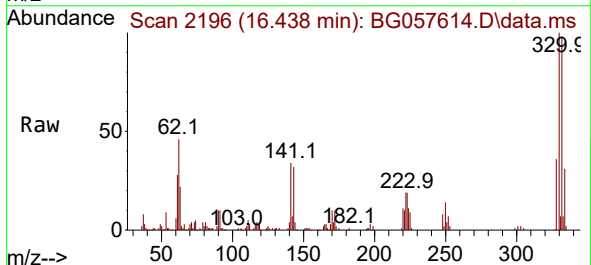
Instrument :
BNA_G
ClientSampleId :
WC27

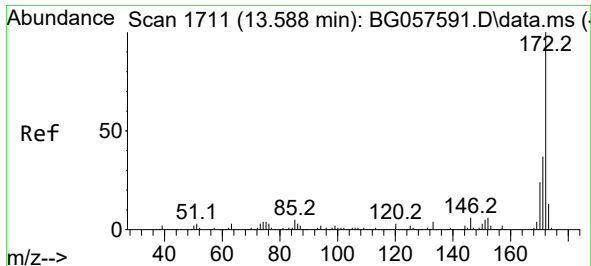
Tgt Ion:164 Resp: 85353
Ion Ratio Lower Upper
164 100
162 102.7 80.1 120.1
160 44.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 74.113 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:330 Resp: 101277
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 32.3 24.6 37.0

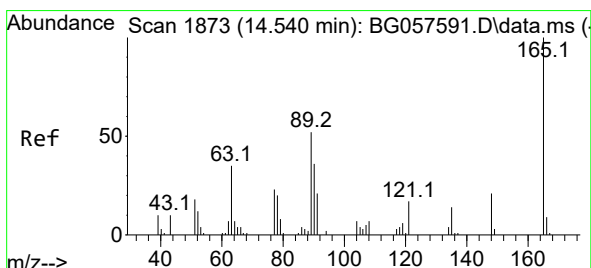
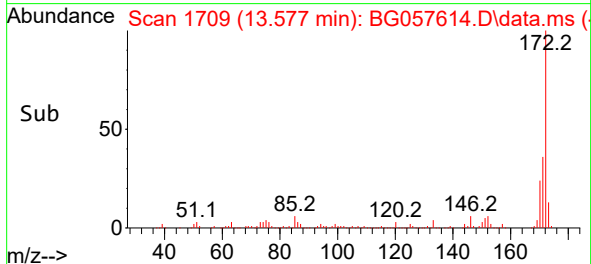
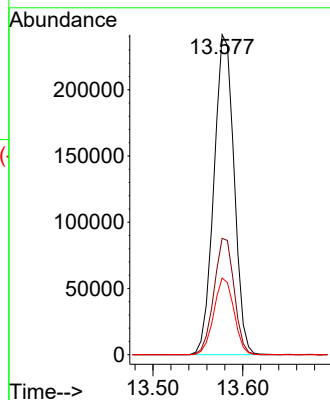
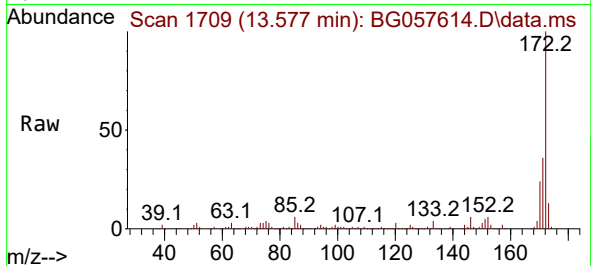




#45
2-Fluorobiphenyl
Concen: 63.346 ng
RT: 13.577 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

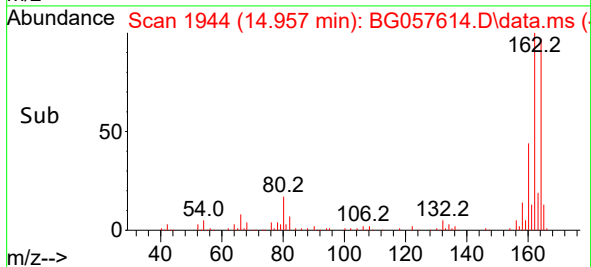
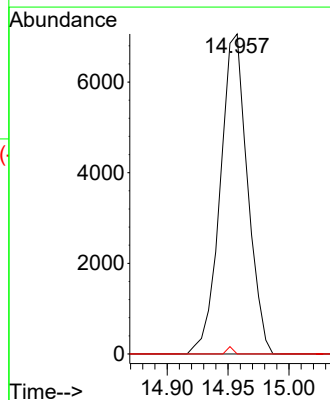
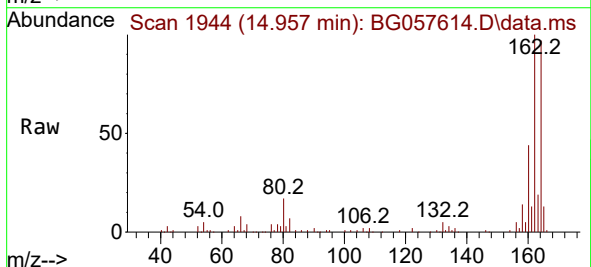
Instrument :
BNA_G
ClientSampleId :
WC27

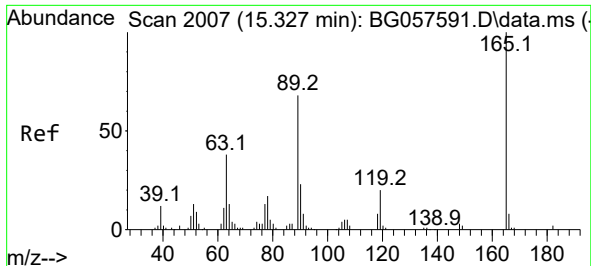
Tgt Ion:172 Resp: 376225
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.0 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.303 ng
RT: 14.957 min Scan# 1944
Delta R.T. 0.428 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:165 Resp: 10997
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.877 ng

RT: 14.957 min Scan# 14

Delta R.T. -0.365 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

WC27

Tgt Ion:165 Resp: 10997

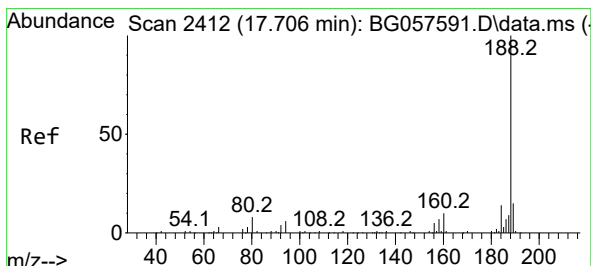
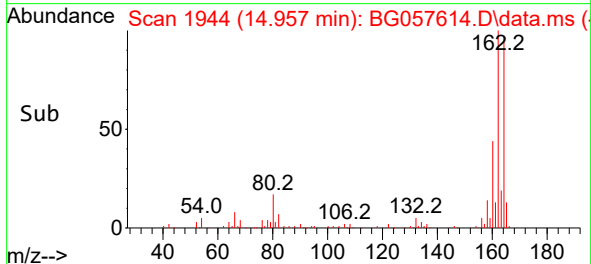
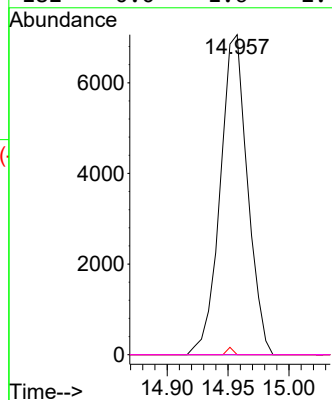
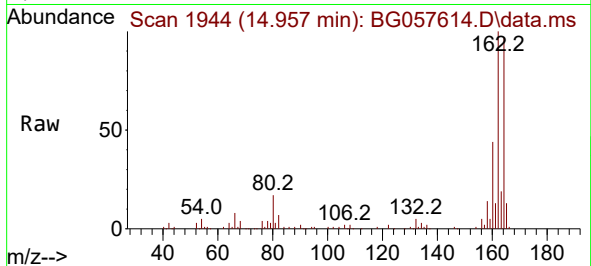
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.695 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

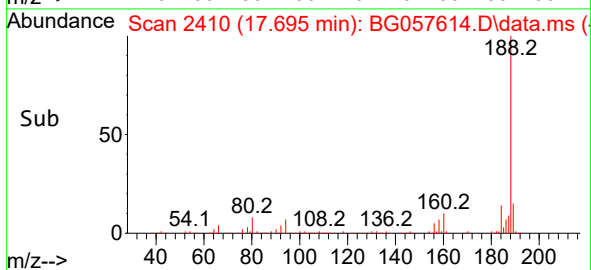
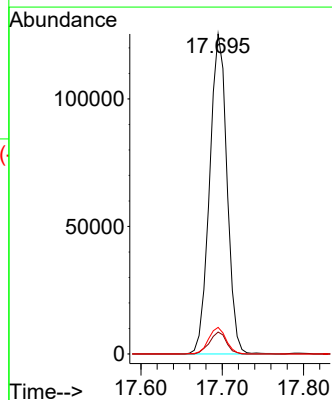
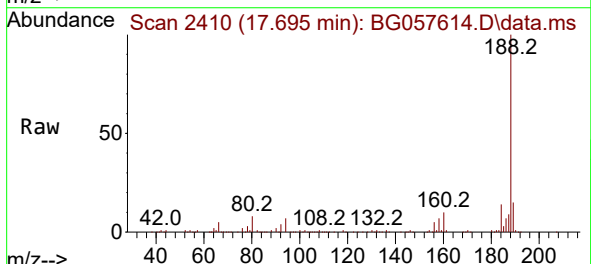
Tgt Ion:188 Resp: 186627

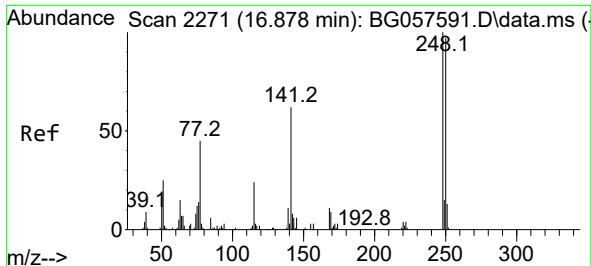
Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 8.3 6.7 10.1

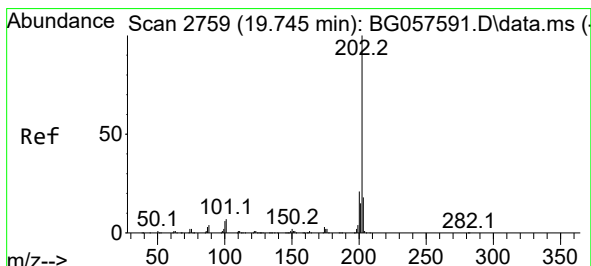
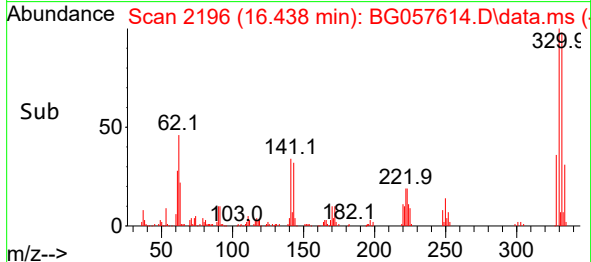
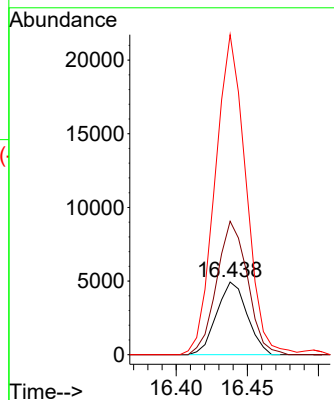
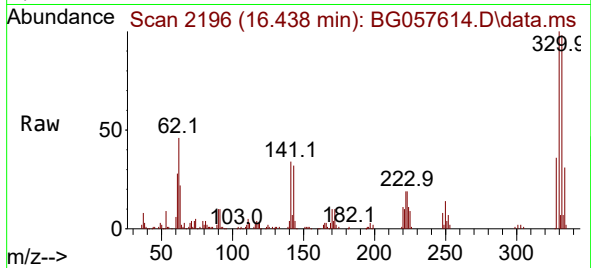




#67
4-Bromophenyl-phenylether
Concen: 3.511 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.436 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

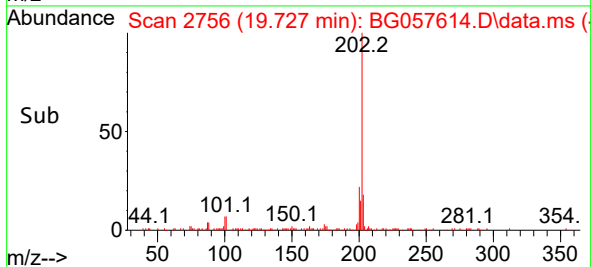
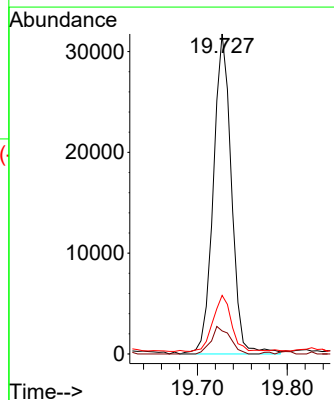
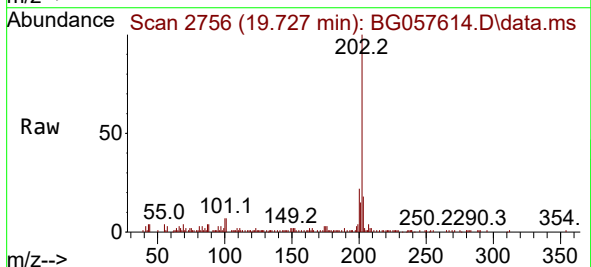
Instrument :
BNA_G
ClientSampleId :
WC27

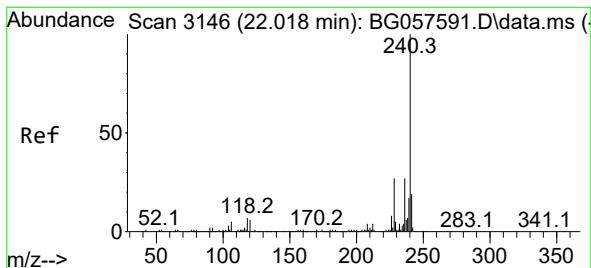
Tgt Ion:248 Resp: 7351
Ion Ratio Lower Upper
248 100
250 183.7 77.4 116.2#
141 440.4 49.4 74.0#



#75
Fluoranthene
Concen: 3.582 ng
RT: 19.727 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:202 Resp: 44408
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.5
203 18.3 0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.001 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

WC27

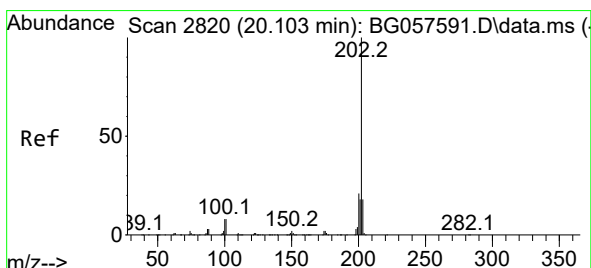
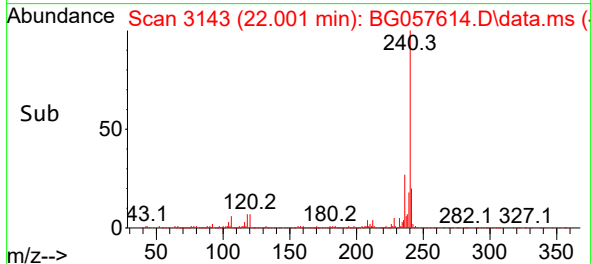
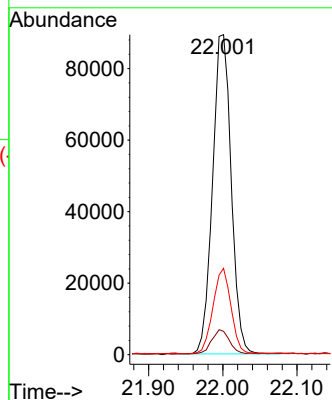
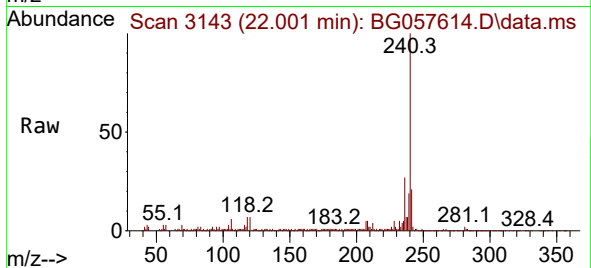
Tgt Ion:240 Resp: 155910

Ion Ratio Lower Upper

240 100

120 7.3 5.2 7.8

236 27.0 21.4 32.0



#78

Pyrene

Concen: 3.757 ng

RT: 20.086 min Scan# 2817

Delta R.T. -0.007 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

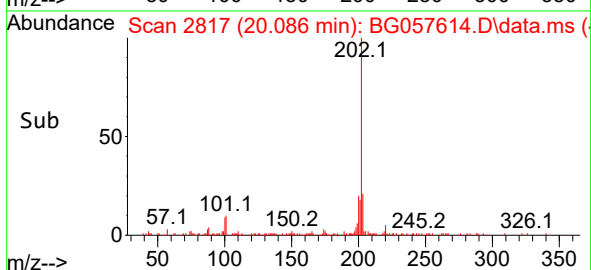
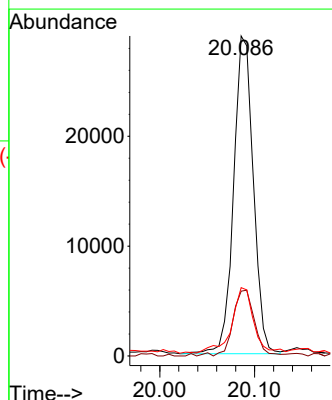
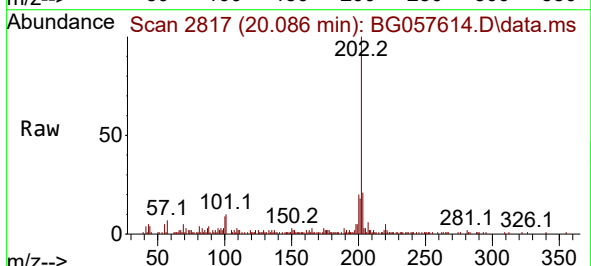
Tgt Ion:202 Resp: 41702

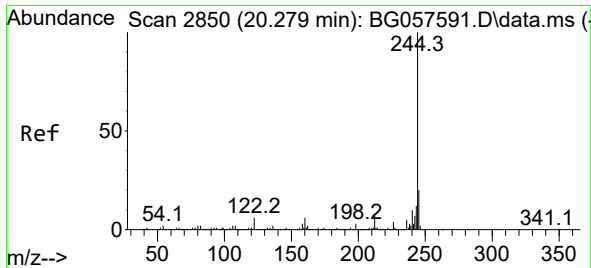
Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

203 21.4 14.5 21.7

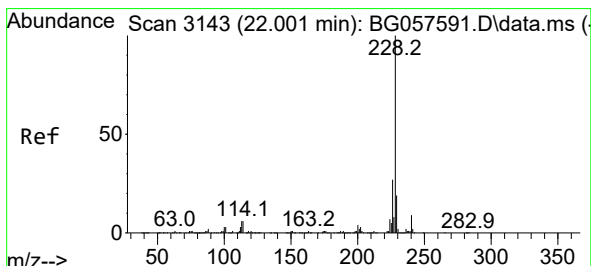
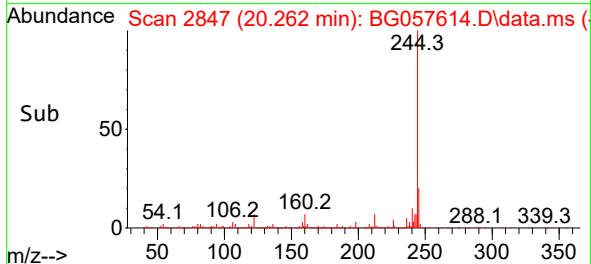
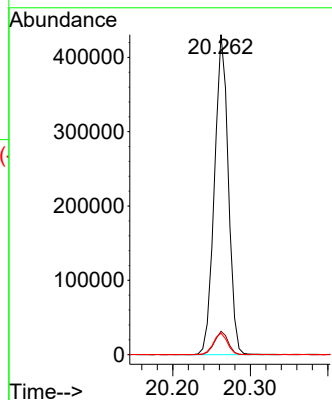
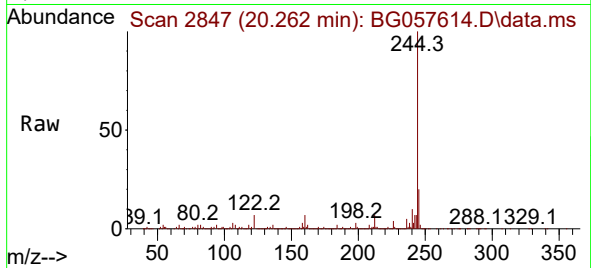




#79
 Terphenyl-d14
 Concen: 59.586 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057614.D
 Acq: 30 May 2023 20:14

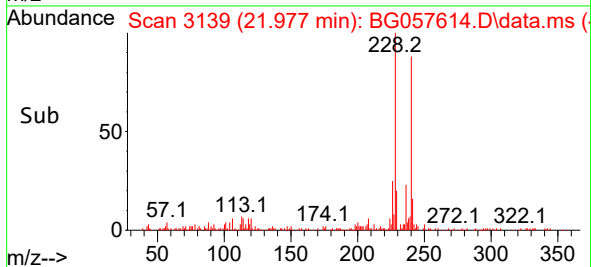
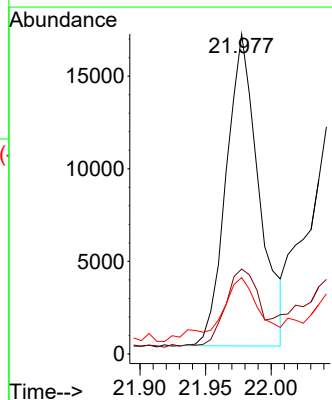
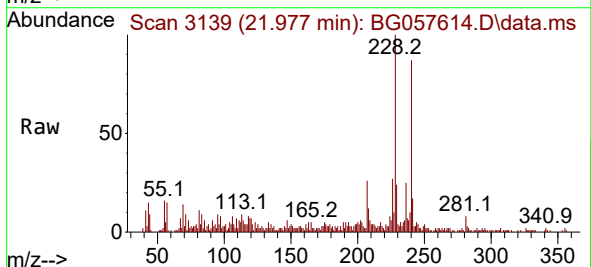
Instrument :
 BNA_G
 ClientSampleId :
 WC27

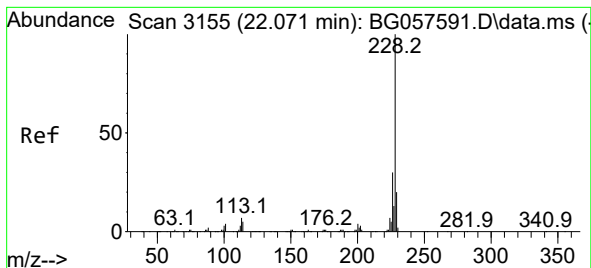
Tgt Ion:244 Resp: 536305
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.7 4.8 7.2



#81
 Benzo(a)anthracene
 Concen: 2.699 ng
 RT: 21.977 min Scan# 3139
 Delta R.T. -0.001 min
 Lab File: BG057614.D
 Acq: 30 May 2023 20:14

Tgt Ion:228 Resp: 29189
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.4 32.0
 229 23.9 15.4 23.2#





#83

Chrysene

Concen: 2.856 ng

RT: 21.977 min Scan# 31

Delta R.T. -0.077 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

WC27

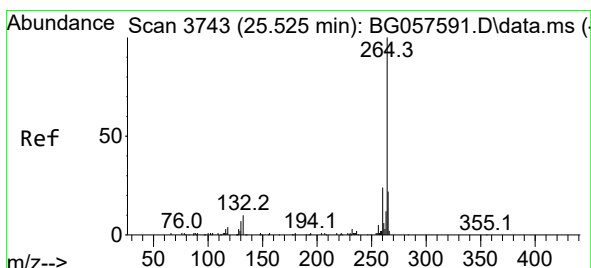
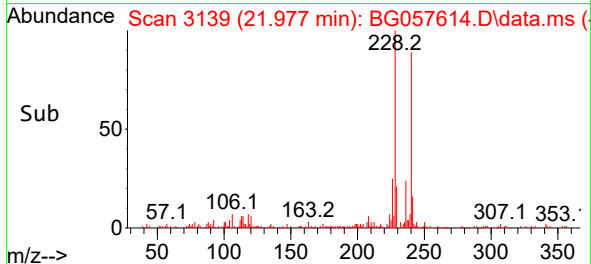
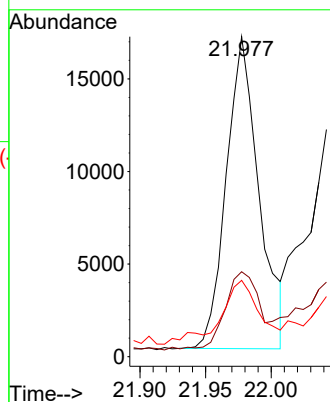
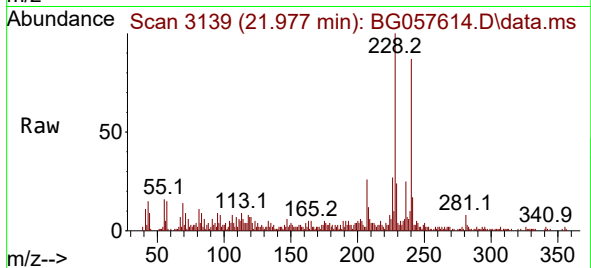
Tgt Ion:228 Resp: 29189

Ion Ratio Lower Upper

228 100

226 26.6 24.3 36.5

229 23.9 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.496 min Scan# 3738

Delta R.T. 0.005 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

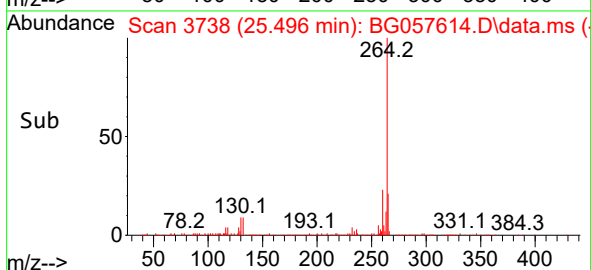
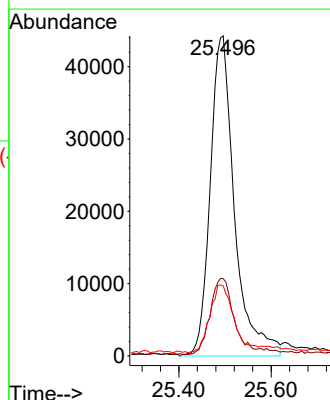
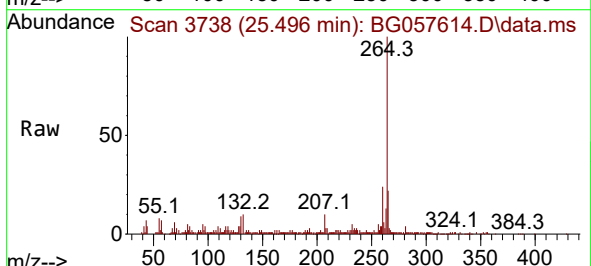
Tgt Ion:264 Resp: 161843

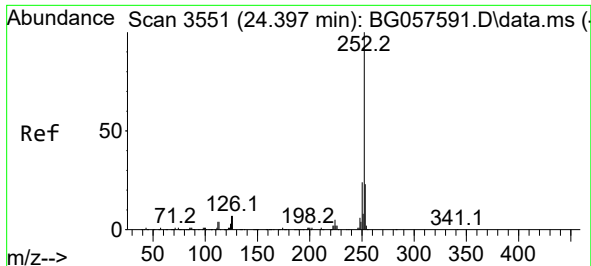
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.9 17.7 26.5

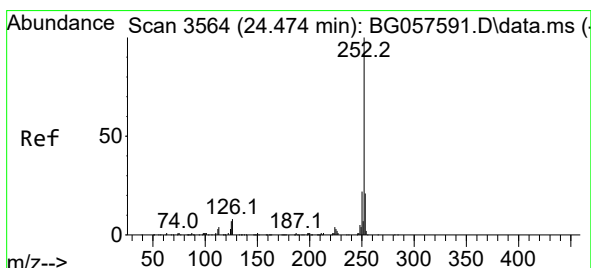
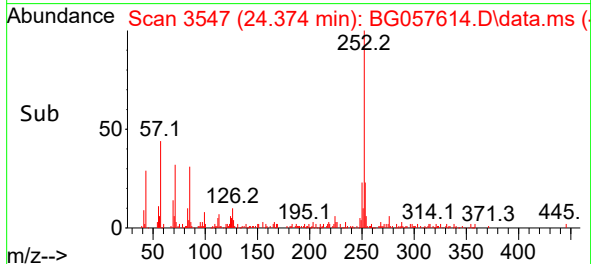
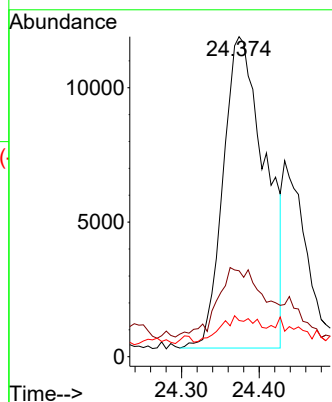
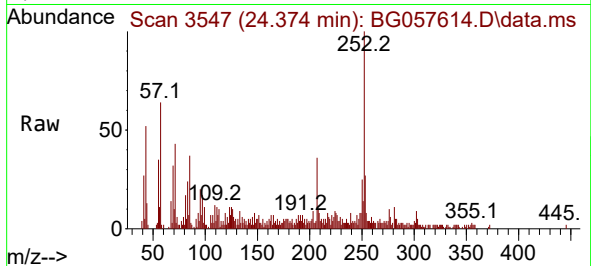




#88
Benzo(b)fluoranthene
Concen: 4.377 ng
RT: 24.374 min Scan# 3547
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

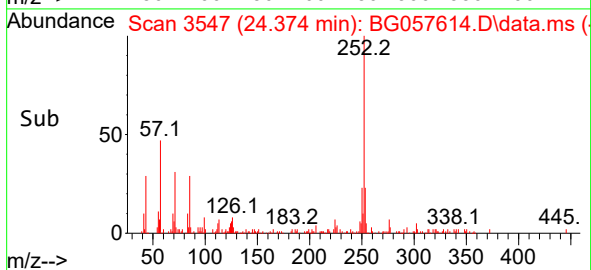
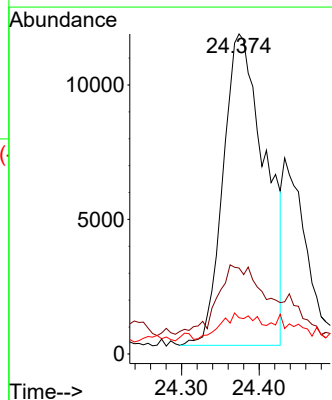
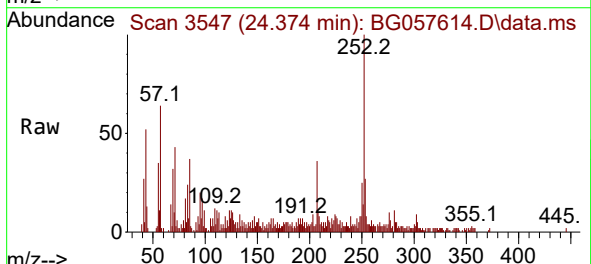
Instrument :
BNA_G
ClientSampleId :
WC27

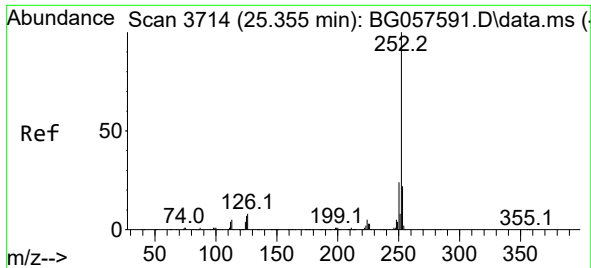
Tgt Ion:252 Resp: 43601
Ion Ratio Lower Upper
252 100
253 26.9 18.4 27.6
125 11.3 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 4.337 ng
RT: 24.374 min Scan# 3547
Delta R.T. -0.071 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:252 Resp: 43601
Ion Ratio Lower Upper
252 100
253 26.9 17.0 25.6#
125 11.3 5.1 7.7#





#90

Benzo(a)pyrene

Concen: 2.781 ng

RT: 25.332 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG057614.D

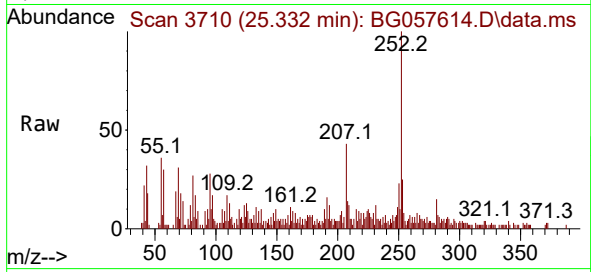
Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

WC27



Tgt Ion:252 Resp: 27021

Ion Ratio Lower Upper

252 100

253 25.4 17.7 26.5

125 12.6 5.3 7.9#

