

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055843.D
 Acq On : 30 Nov 2022 15:43
 Operator : CG/JU
 Sample : N5806-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Dec 01 02:13:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 02:10:33 2022
 Response via : Initial Calibration

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

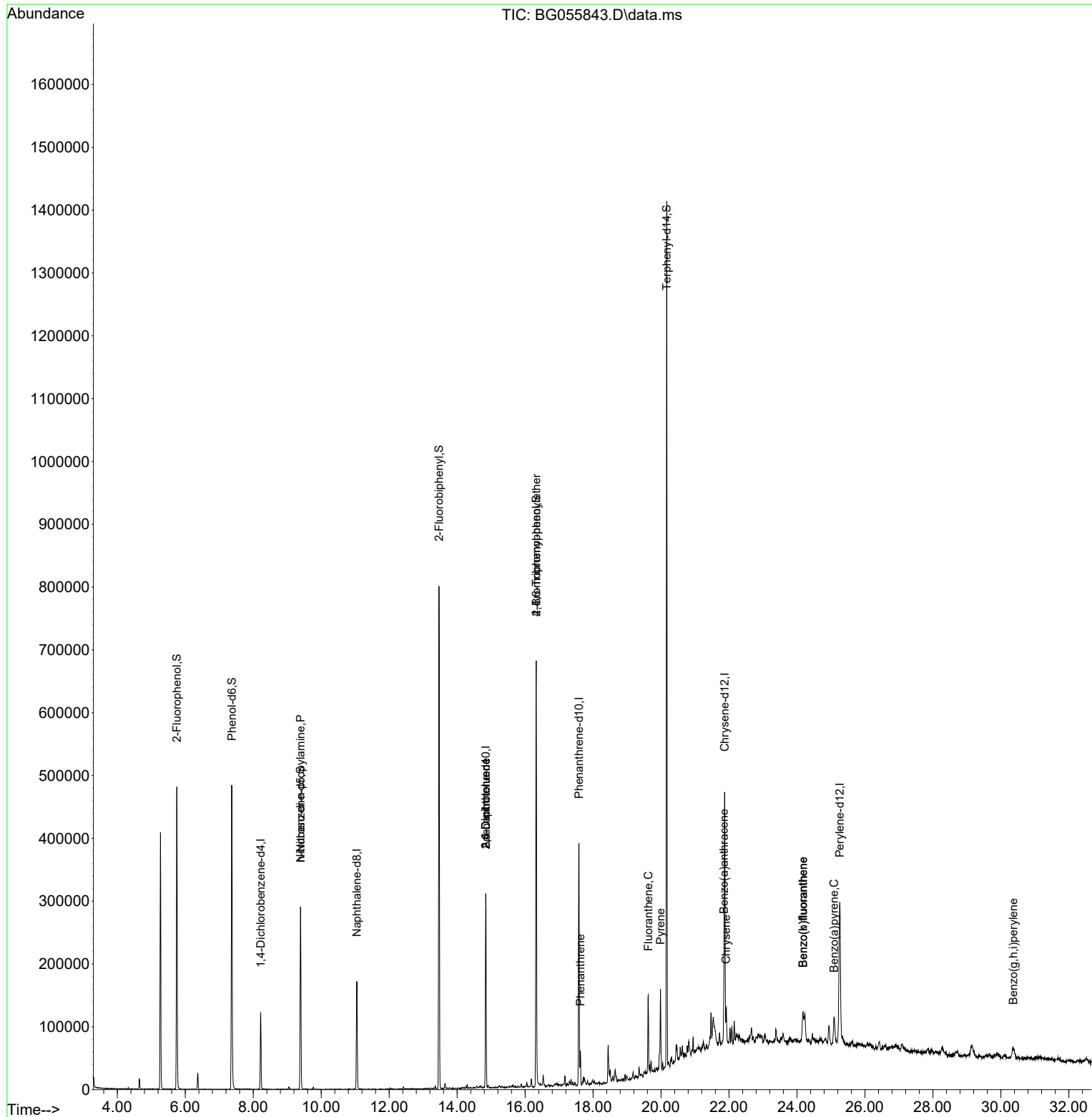
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	34613	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	150727	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	111918	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	257933	20.000	ng	0.00
76) Chrysene-d12	21.874	240	248279	20.000	ng	0.00
86) Perylene-d12	25.259	264	260062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	208547	108.905	ng	0.00
7) Phenol-d6	7.368	99	276306	108.394	ng	0.00
23) Nitrobenzene-d5	9.389	82	171001	59.964	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	147476	93.579	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	416011	55.687	ng	0.00
79) Terphenyl-d14	20.171	244	705094	56.802	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.389	70	23492	11.994	ng	# 77
51) 2,6-Dinitrotoluene	14.841	165	14363	7.874	ng	# 26
57) 2,4-Dinitrotoluene	14.841	165	14363	5.584	ng	# 24
67) 4-Bromophenyl-phenylether	16.328	248	9358	3.184	ng	# 1
71) Phenanthrene	17.626	178	34090	2.449	ng	99
75) Fluoranthene	19.624	202	83592	4.936	ng	100
78) Pyrene	19.983	202	82559	4.913	ng	98
81) Benzo(a)anthracene	21.851	228	47962	2.805	ng	98
83) Chrysene	21.916	228	43392	2.665	ng	99
88) Benzo(b)fluoranthene	24.178	252	59556	3.516	ng	# 96
89) Benzo(k)fluoranthene	24.178	252	59556	3.528	ng	# 95
90) Benzo(a)pyrene	25.094	252	48156	3.313	ng	# 97
92) Benzo(g,h,i)perylene	30.370	276	35506	2.023	ng	94

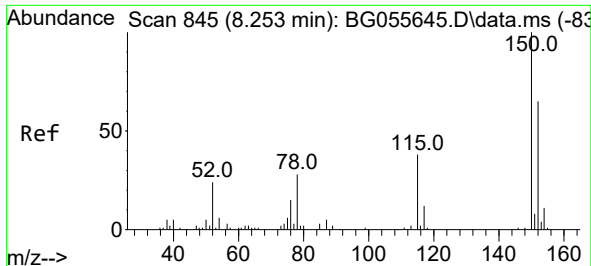
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
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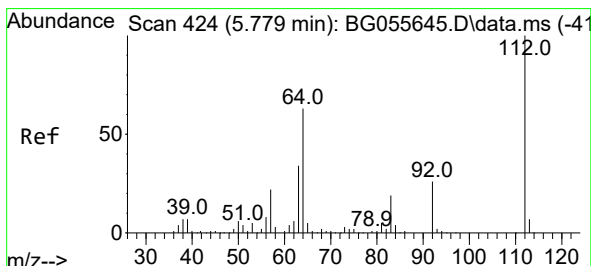
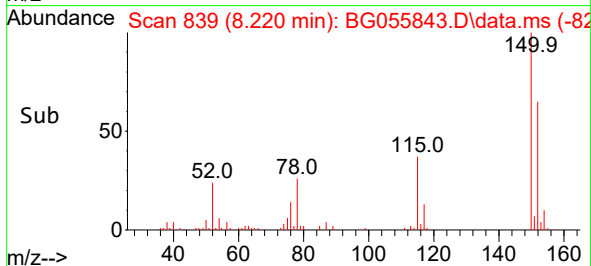
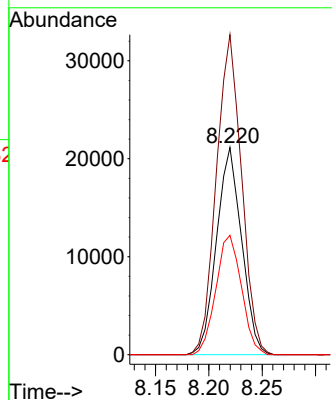
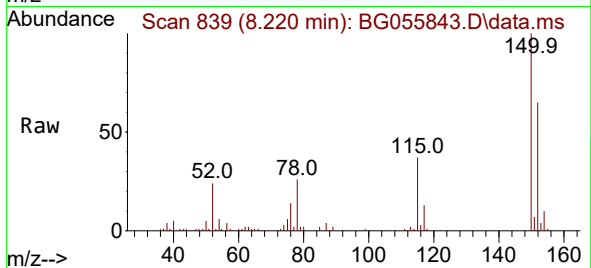




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

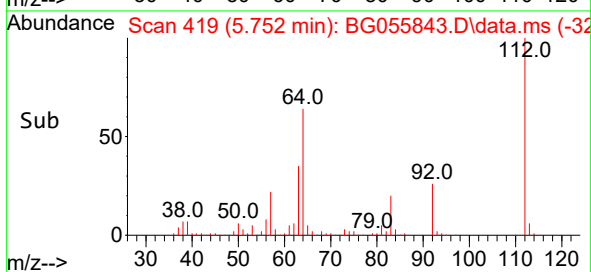
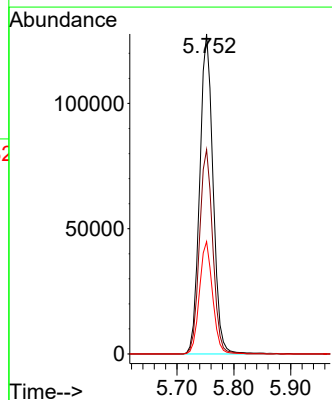
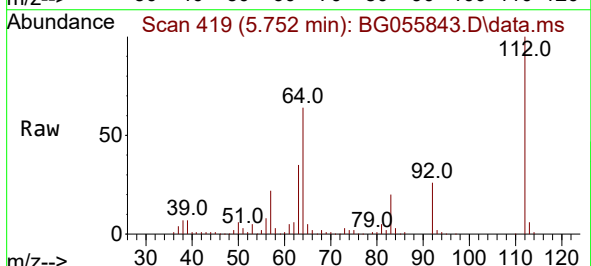
Instrument :
BNA_G
ClientSampleId :
COMP-2

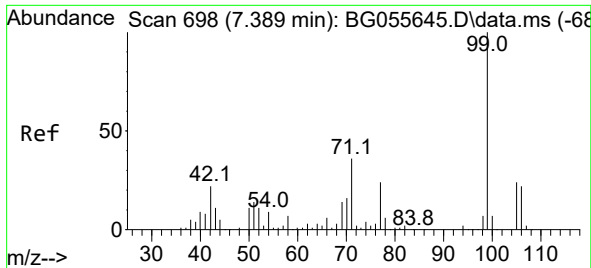
Tgt Ion:152 Resp: 34613
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.6
115 57.6 47.0 70.4



#5
2-Fluorophenol
Concen: 108.905 ng
RT: 5.752 min Scan# 419
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:112 Resp: 208547
Ion Ratio Lower Upper
112 100
64 63.9 50.6 76.0
63 35.1 27.5 41.3

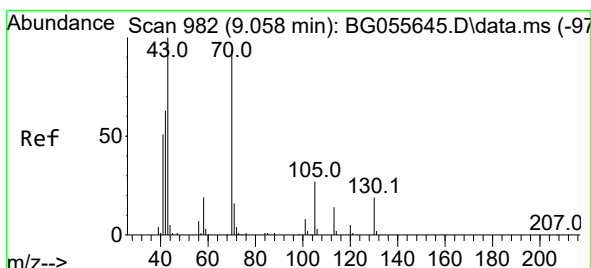
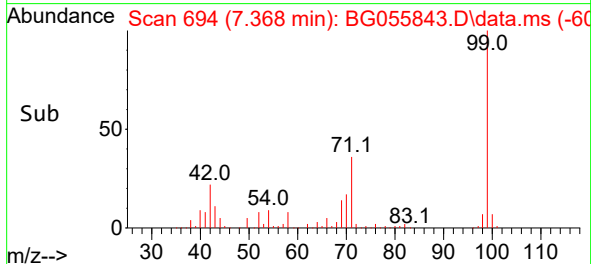
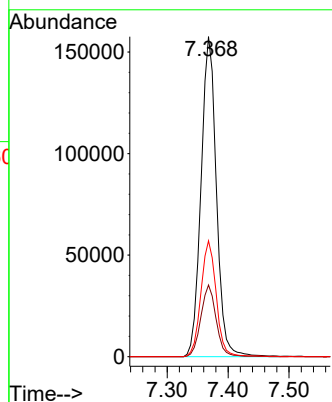
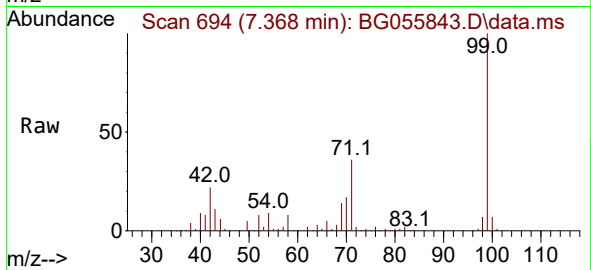




#7
Phenol-d6
Concen: 108.394 ng
RT: 7.368 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

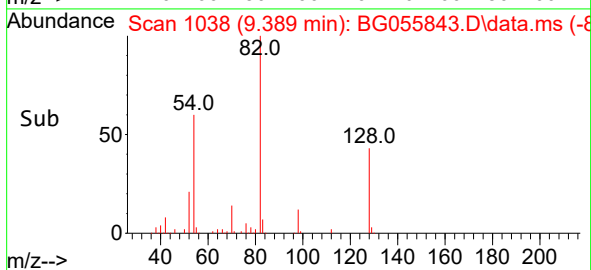
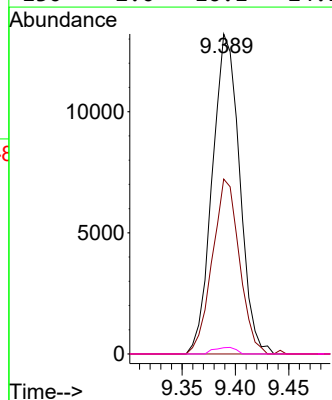
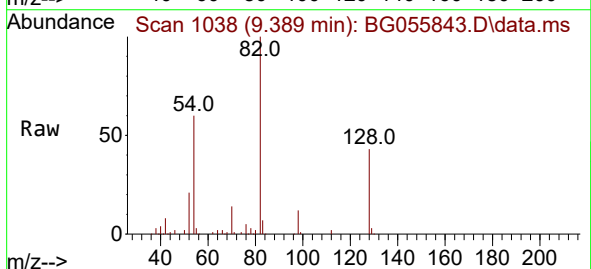
Instrument :
BNA_G
ClientSampleId :
COMP-2

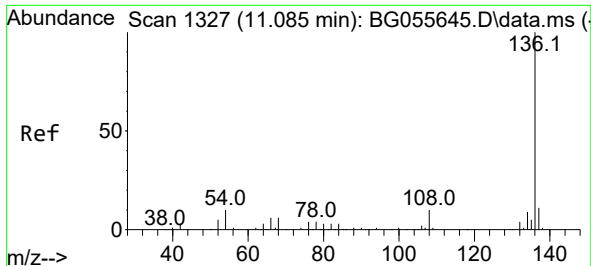
Tgt Ion: 99 Resp: 276306
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 36.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.994 ng
RT: 9.389 min Scan# 1038
Delta R.T. 0.365 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion: 70 Resp: 23492
Ion Ratio Lower Upper
70 100
42 54.7 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

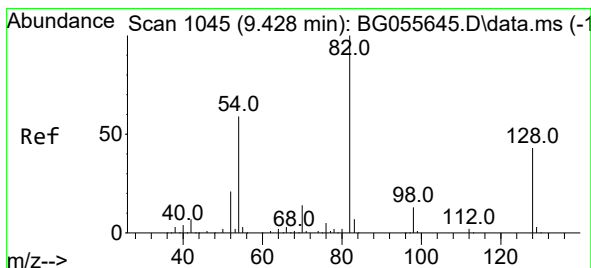
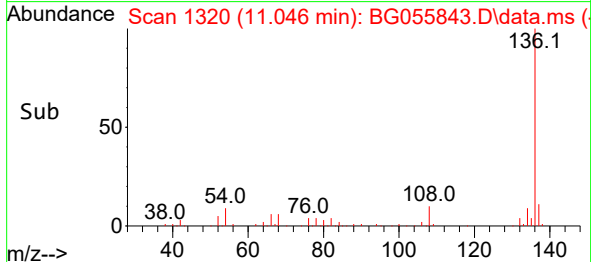
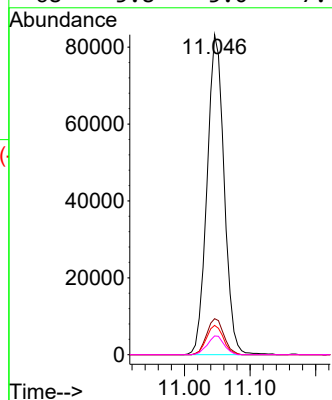
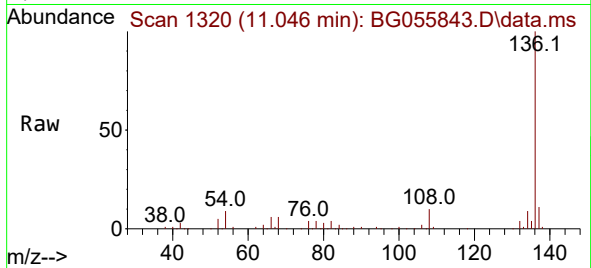




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

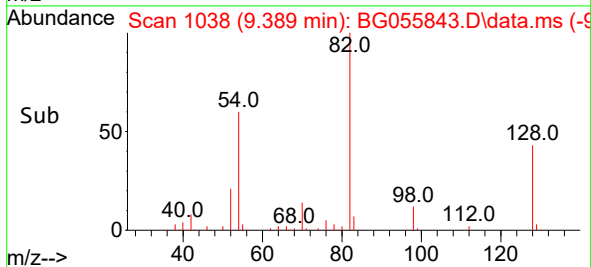
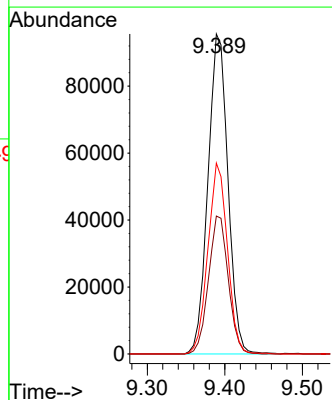
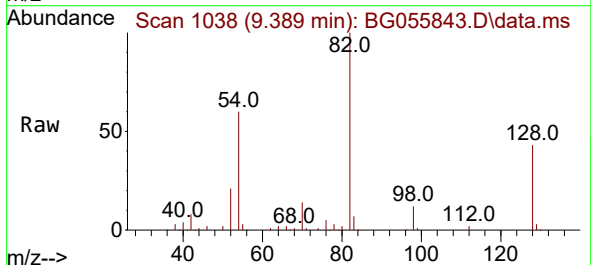
Instrument :
BNA_G
ClientSampleId :
COMP-2

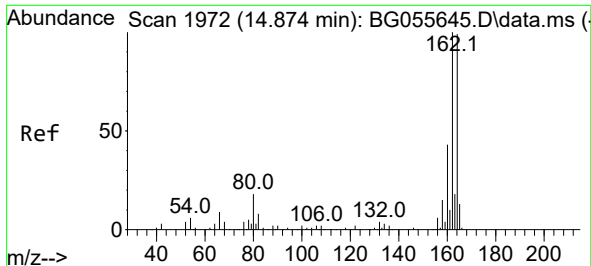
Tgt Ion:136 Resp: 150727
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.2 7.8 11.6
68 5.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 59.964 ng
RT: 9.389 min Scan# 1038
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion: 82 Resp: 171001
Ion Ratio Lower Upper
82 100
128 43.1 34.1 51.1
54 59.7 47.3 70.9

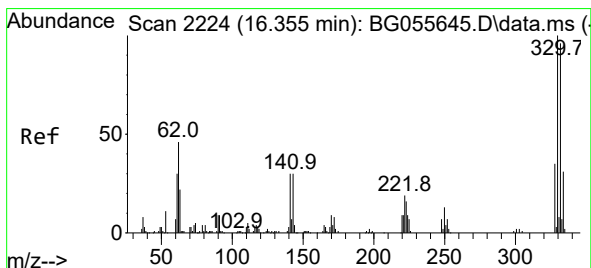
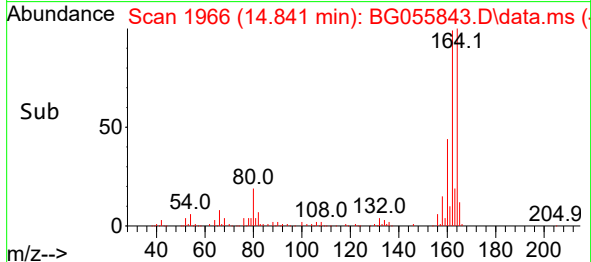
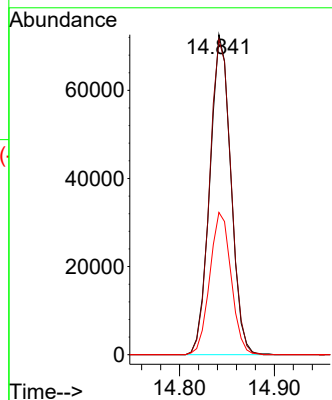
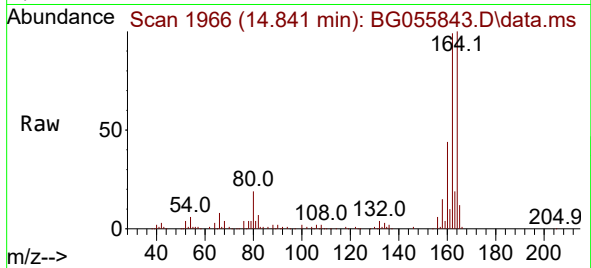




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

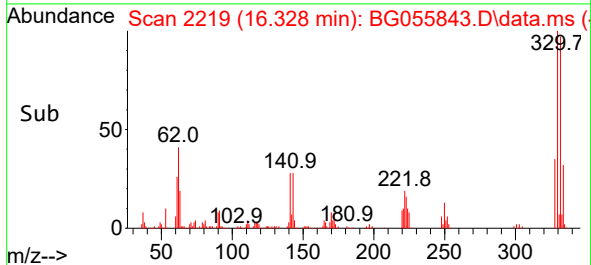
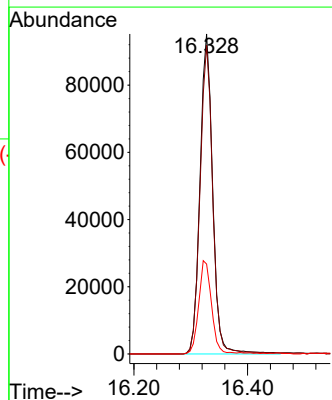
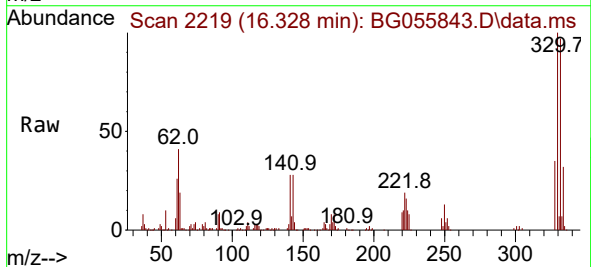
Instrument :
BNA_G
ClientSampleId :
COMP-2

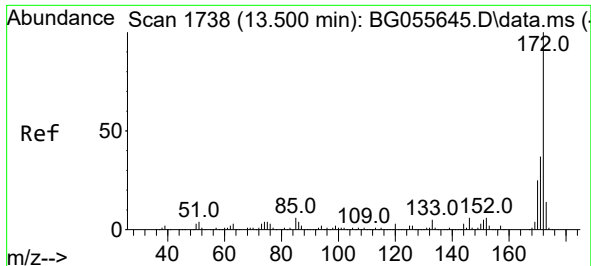
Tgt Ion:164 Resp: 111918
Ion Ratio Lower Upper
164 100
162 98.5 81.1 121.7
160 44.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 93.579 ng
RT: 16.328 min Scan# 2219
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:330 Resp: 147476
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 29.5 23.9 35.9

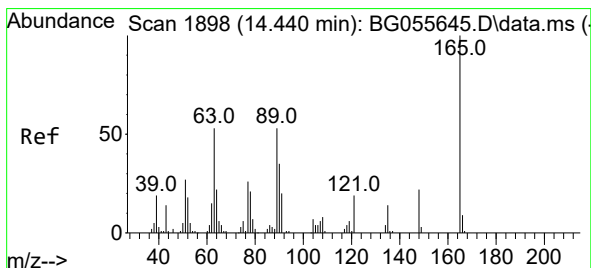
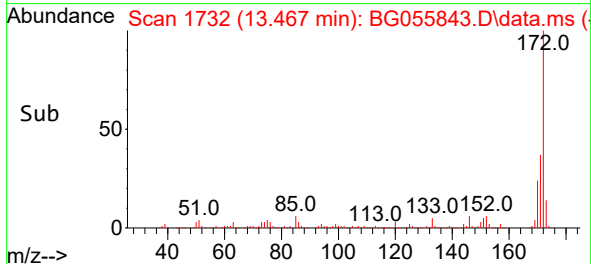
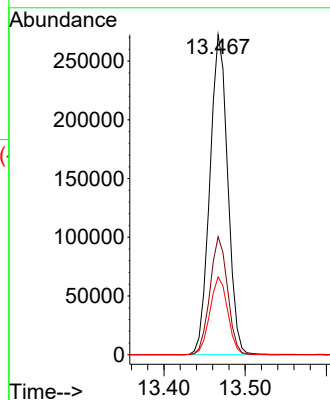
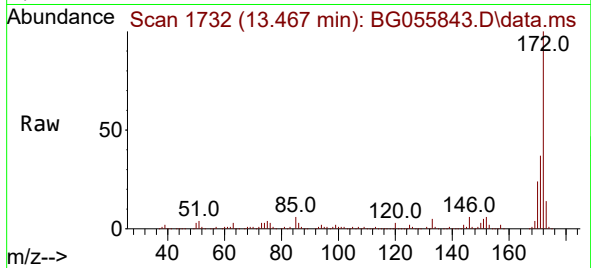




#45
2-Fluorobiphenyl
Concen: 55.687 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

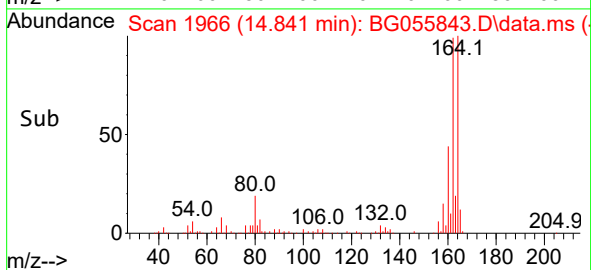
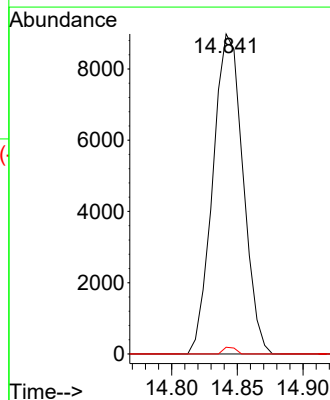
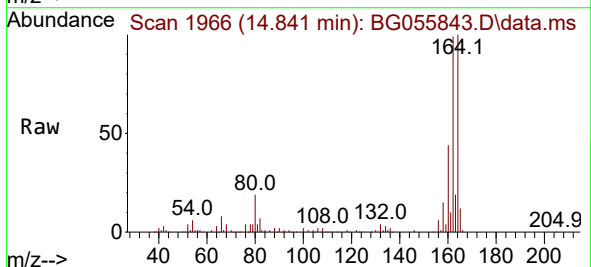
Instrument :
BNA_G
ClientSampleId :
COMP-2

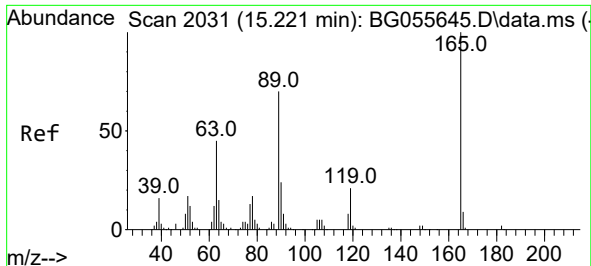
Tgt Ion:172 Resp: 416011
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 14.841 min Scan# 1966
Delta R.T. 0.424 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:165 Resp: 14363
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.1 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.584 ng

RT: 14.841 min Scan# 1966

Delta R.T. -0.358 min

Lab File: BG055843.D

Acq: 30 Nov 2022 15:43

Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion:165 Resp: 14363

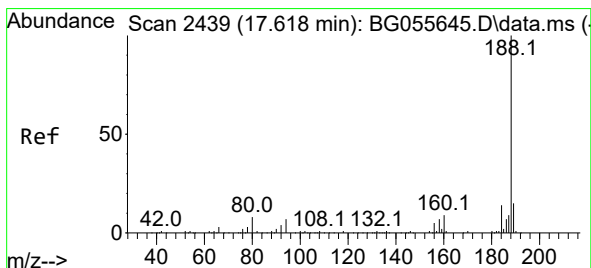
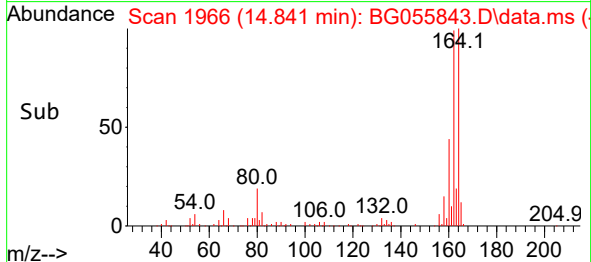
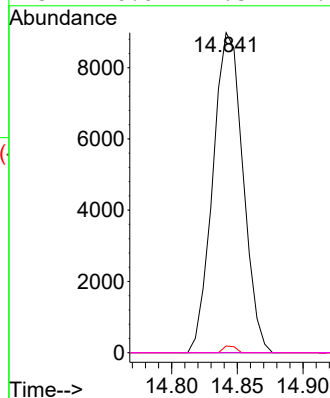
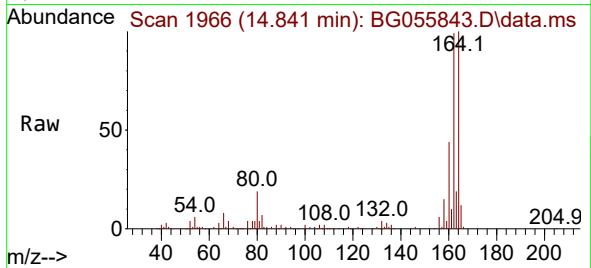
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 2.1 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.585 min Scan# 2433

Delta R.T. 0.001 min

Lab File: BG055843.D

Acq: 30 Nov 2022 15:43

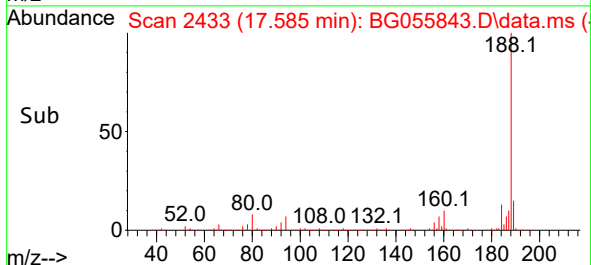
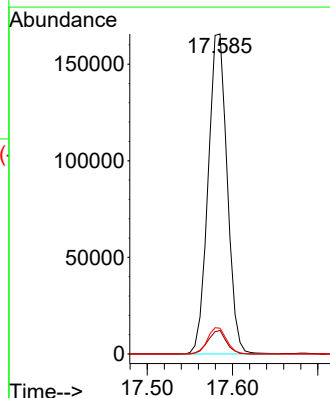
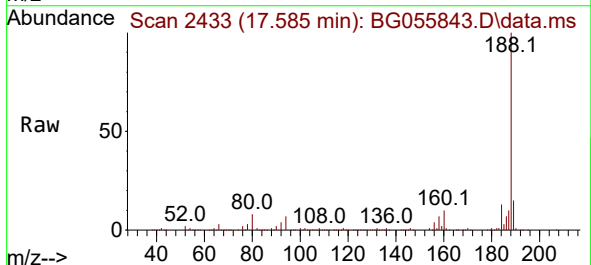
Tgt Ion:188 Resp: 257933

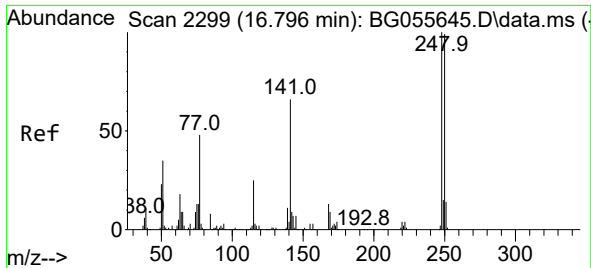
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.0 6.6 10.0

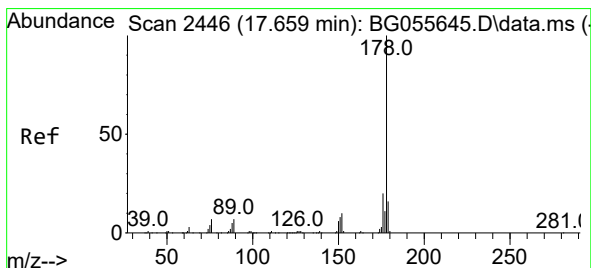
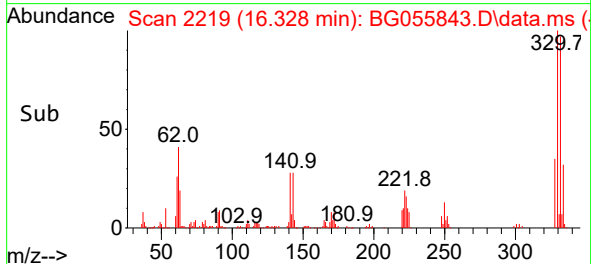
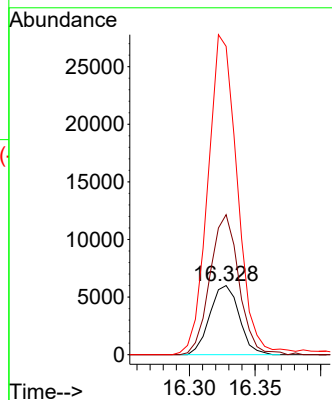
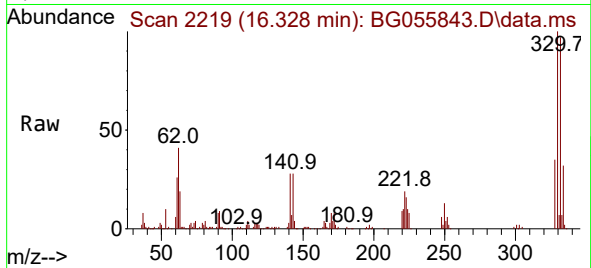




#67
4-Bromophenyl-phenylether
Concen: 3.184 ng
RT: 16.328 min Scan# 211
Delta R.T. -0.434 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

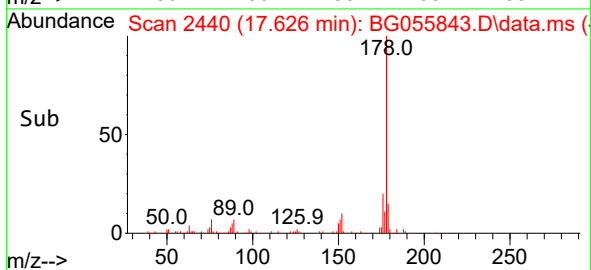
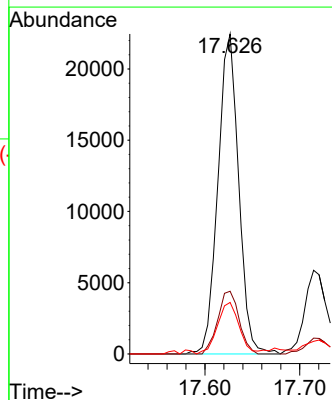
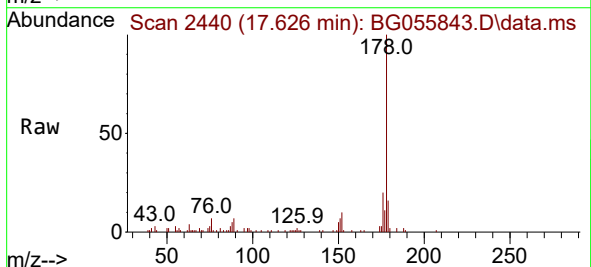
Instrument :
BNA_G
ClientSampleId :
COMP-2

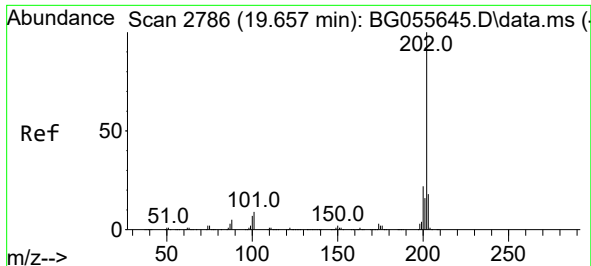
Tgt Ion:248 Resp: 9358
Ion Ratio Lower Upper
248 100
250 202.4 79.0 118.4#
141 445.6 52.9 79.3#



#71
Phenanthrene
Concen: 2.449 ng
RT: 17.626 min Scan# 2440
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:178 Resp: 34090
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.1 12.7 19.1

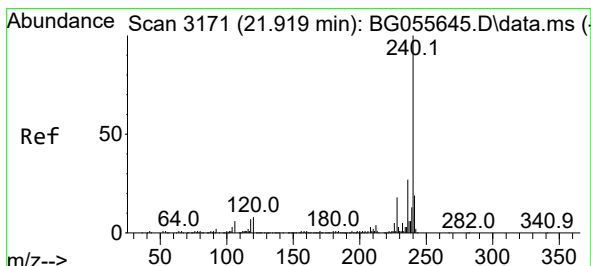
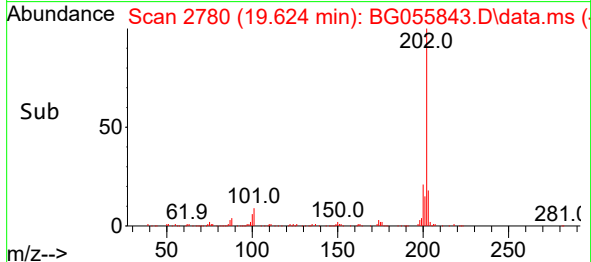
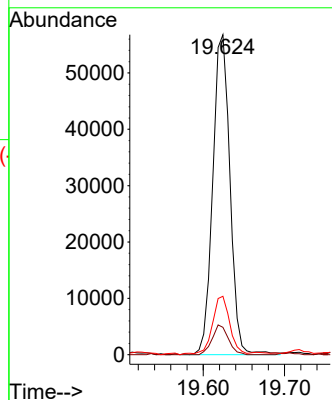
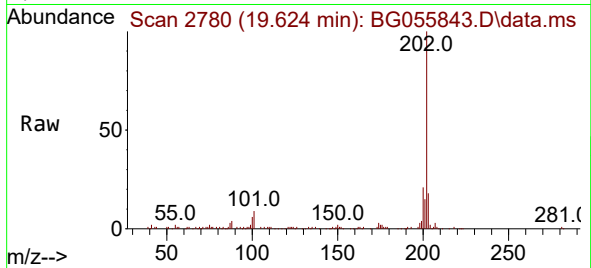




#75
Fluoranthene
Concen: 4.936 ng
RT: 19.624 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

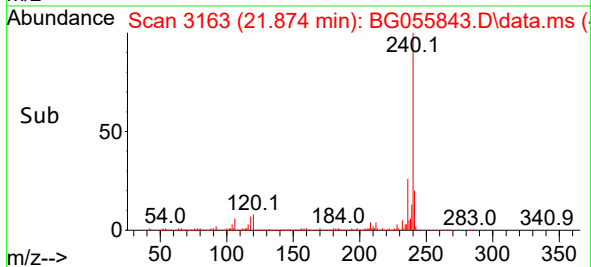
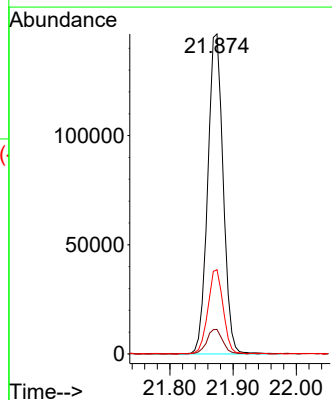
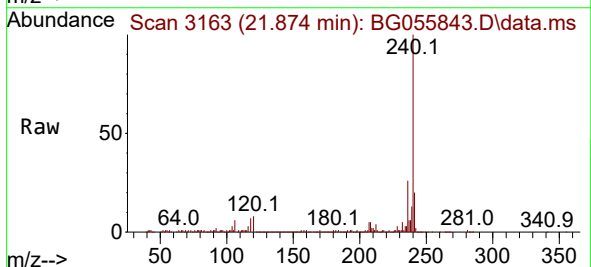
Instrument :
BNA_G
ClientSampleId :
COMP-2

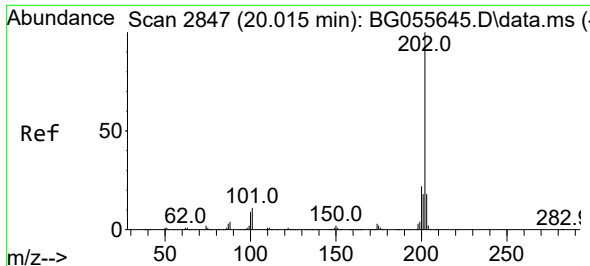
Tgt Ion:202 Resp: 83592
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.8
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.874 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:240 Resp: 248279
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.3 21.9 32.9

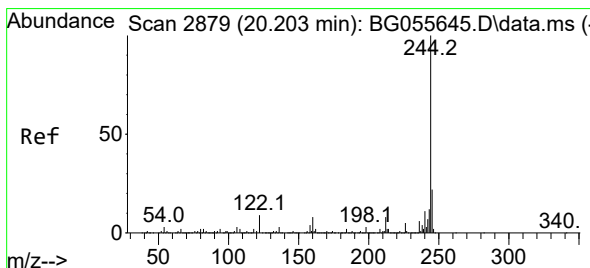
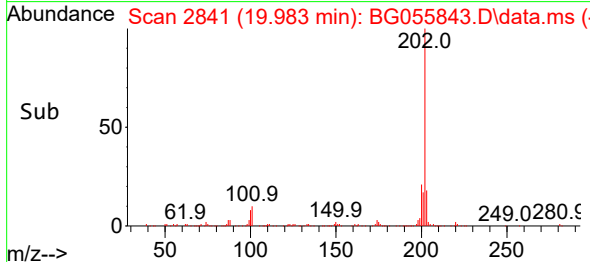
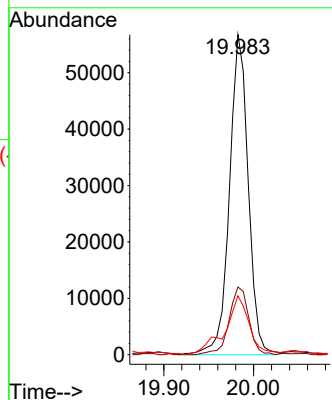
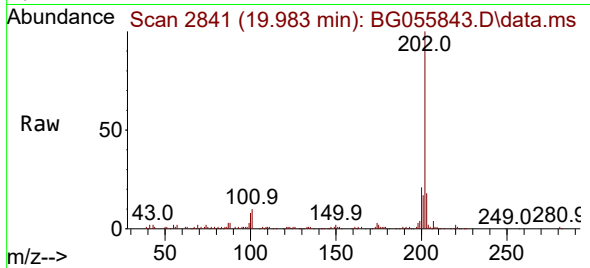




#78
 Pyrene
 Concen: 4.913 ng
 RT: 19.983 min Scan# 2847
 Delta R.T. -0.005 min
 Lab File: BG055843.D
 Acq: 30 Nov 2022 15:43

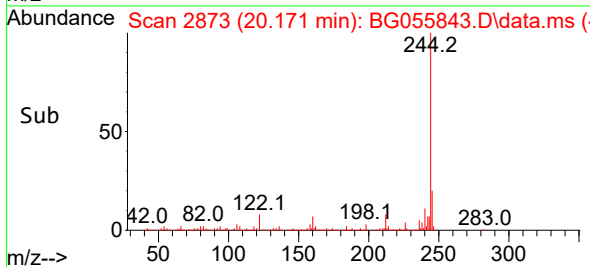
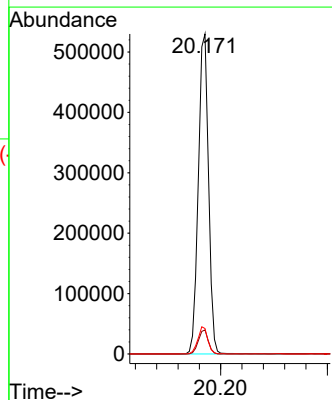
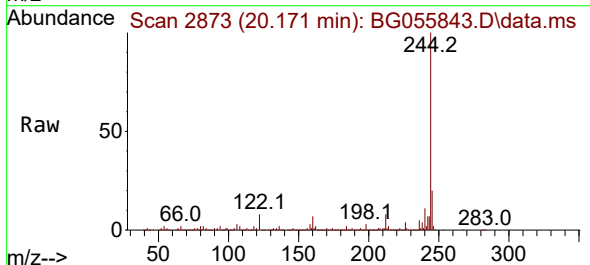
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

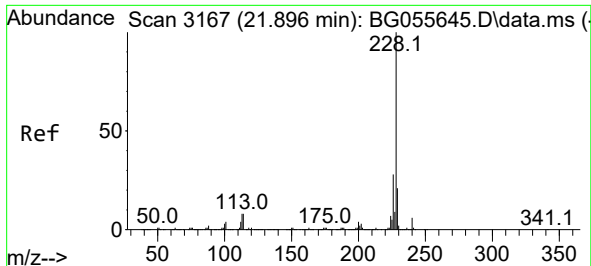
Tgt Ion:202 Resp: 82559
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.8 26.6
 203 18.4 14.4 21.6



#79
 Terphenyl-d14
 Concen: 56.802 ng
 RT: 20.171 min Scan# 2873
 Delta R.T. 0.001 min
 Lab File: BG055843.D
 Acq: 30 Nov 2022 15:43

Tgt Ion:244 Resp: 705094
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.0 6.9 10.3

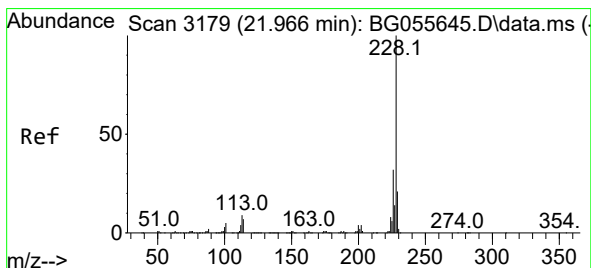
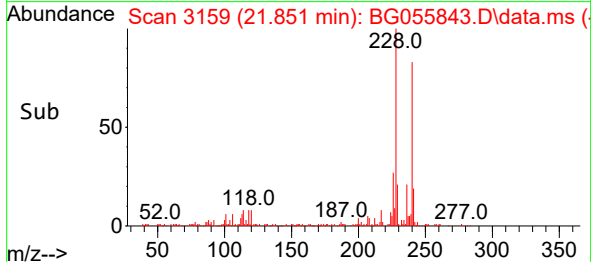
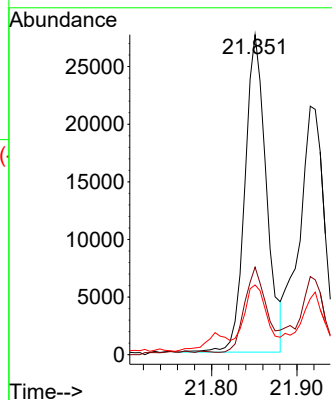
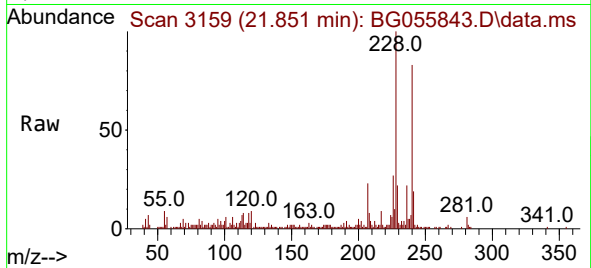




#81
Benzo(a)anthracene
Concen: 2.805 ng
RT: 21.851 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

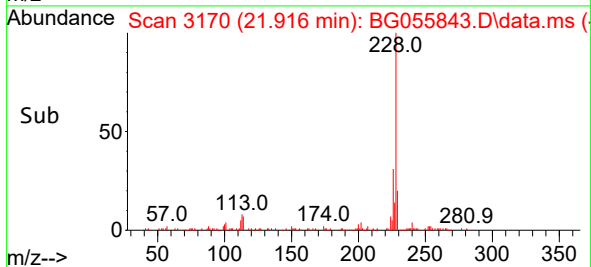
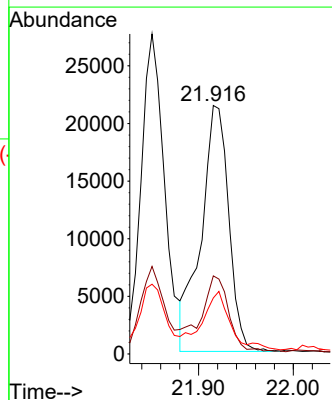
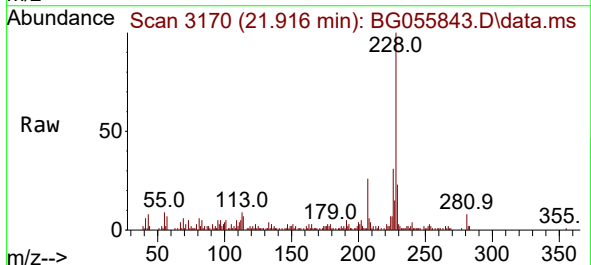
Instrument :
BNA_G
ClientSampleId :
COMP-2

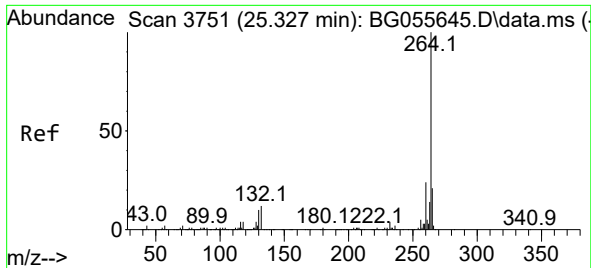
Tgt Ion:228 Resp: 47962
Ion Ratio Lower Upper
228 100
226 27.3 22.7 34.1
229 21.8 16.5 24.7



#83
Chrysene
Concen: 2.665 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.011 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:228 Resp: 43392
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.2
229 22.5 17.1 25.7

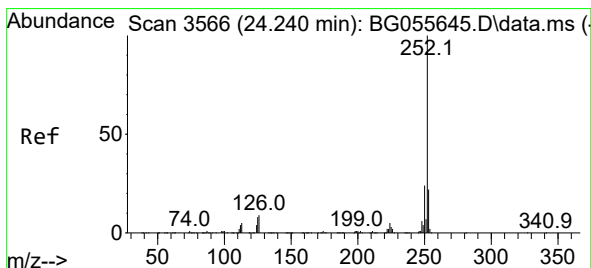
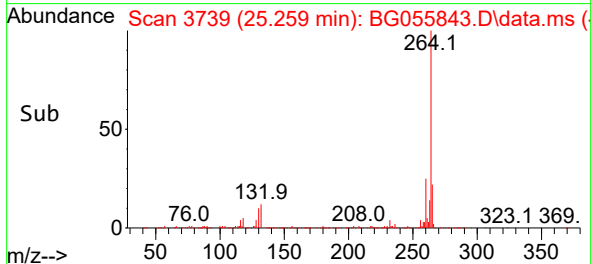
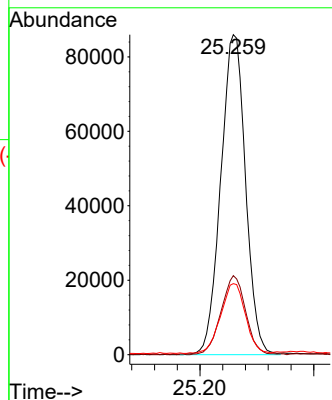
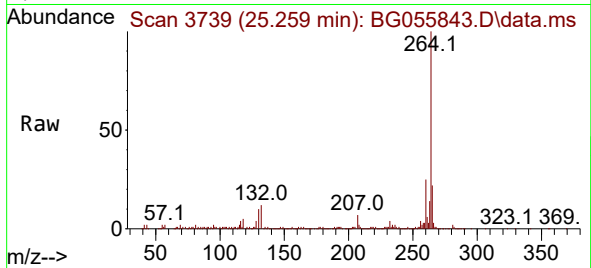




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.259 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

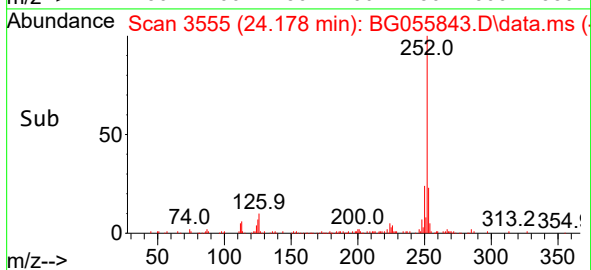
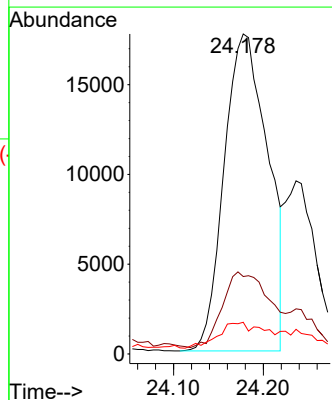
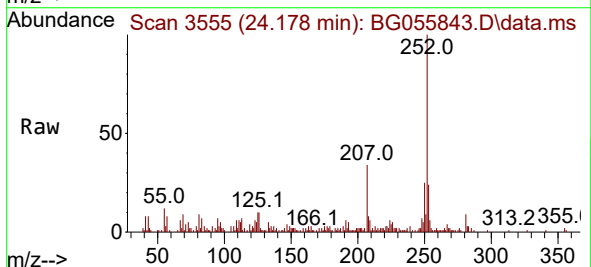
Instrument :
BNA_G
ClientSampleId :
COMP-2

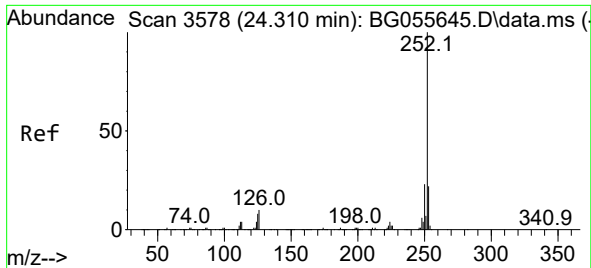
Tgt Ion:264 Resp: 260062
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.2 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 3.516 ng
RT: 24.178 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

Tgt Ion:252 Resp: 59556
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 9.9 6.2 9.2#

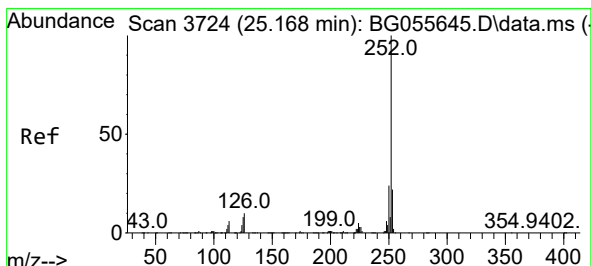
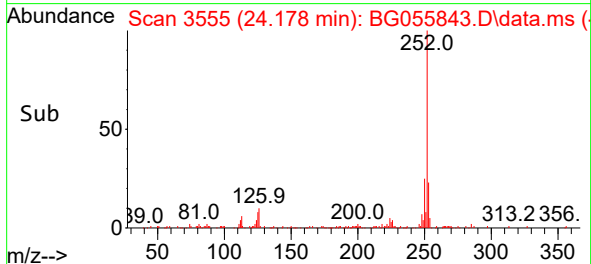
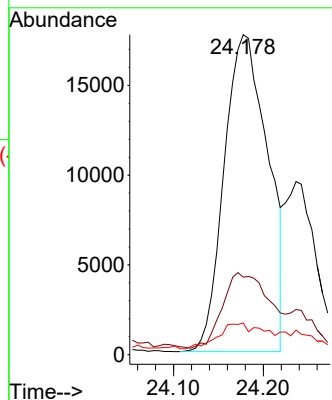
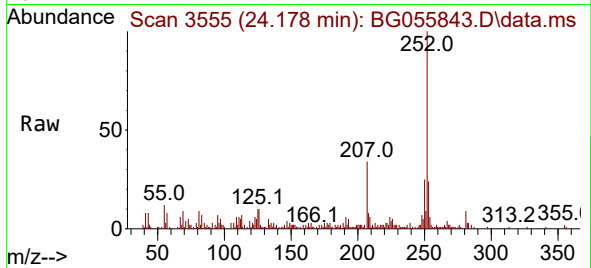




#89
Benzo(k)fluoranthene
Concen: 3.528 ng
RT: 24.178 min Scan# 3111
Delta R.T. -0.076 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

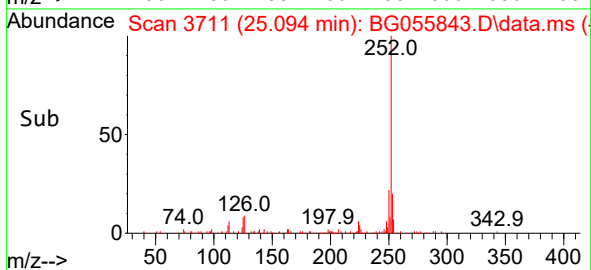
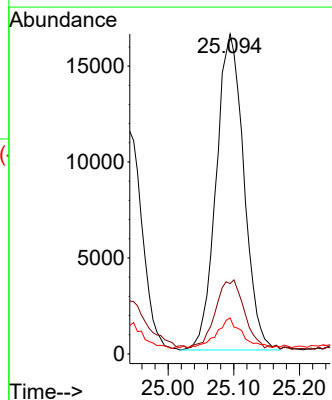
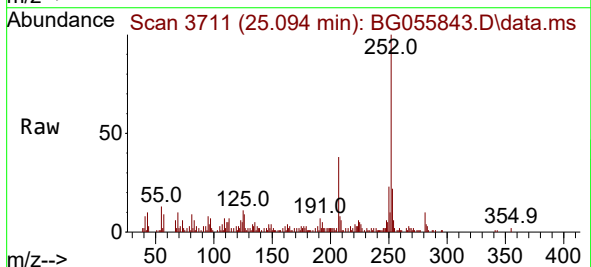
Instrument :
BNA_G
ClientSampleId :
COMP-2

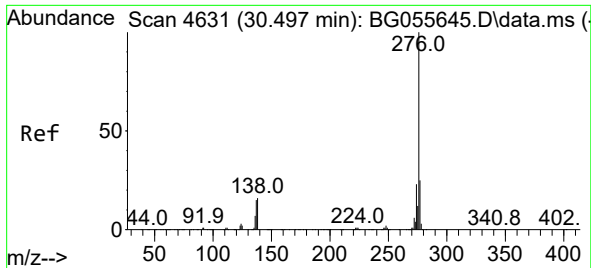
Tgt Ion:252 Resp: 59556
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 9.9 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 3.313 ng
RT: 25.094 min Scan# 3711
Delta R.T. -0.005 min
Lab File: BG055843.D
Acq: 30 Nov 2022 15:43

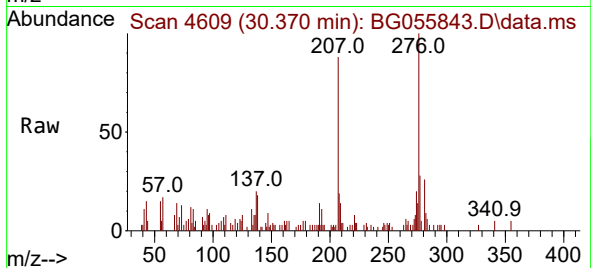
Tgt Ion:252 Resp: 48156
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.2 6.4 9.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.023 ng
 RT: 30.370 min Scan# 4
 Delta R.T. -0.029 min
 Lab File: BG055843.D
 Acq: 30 Nov 2022 15:43

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2



Tgt Ion:	276	Resp:	35506
Ion Ratio	Lower	Upper	
276	100		
277	28.4	19.8	29.6
138	18.3	13.1	19.7

