

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055285.D
 Acq On : 25 Oct 2022 21:23
 Operator : CG/JU
 Sample : N5207-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:46:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

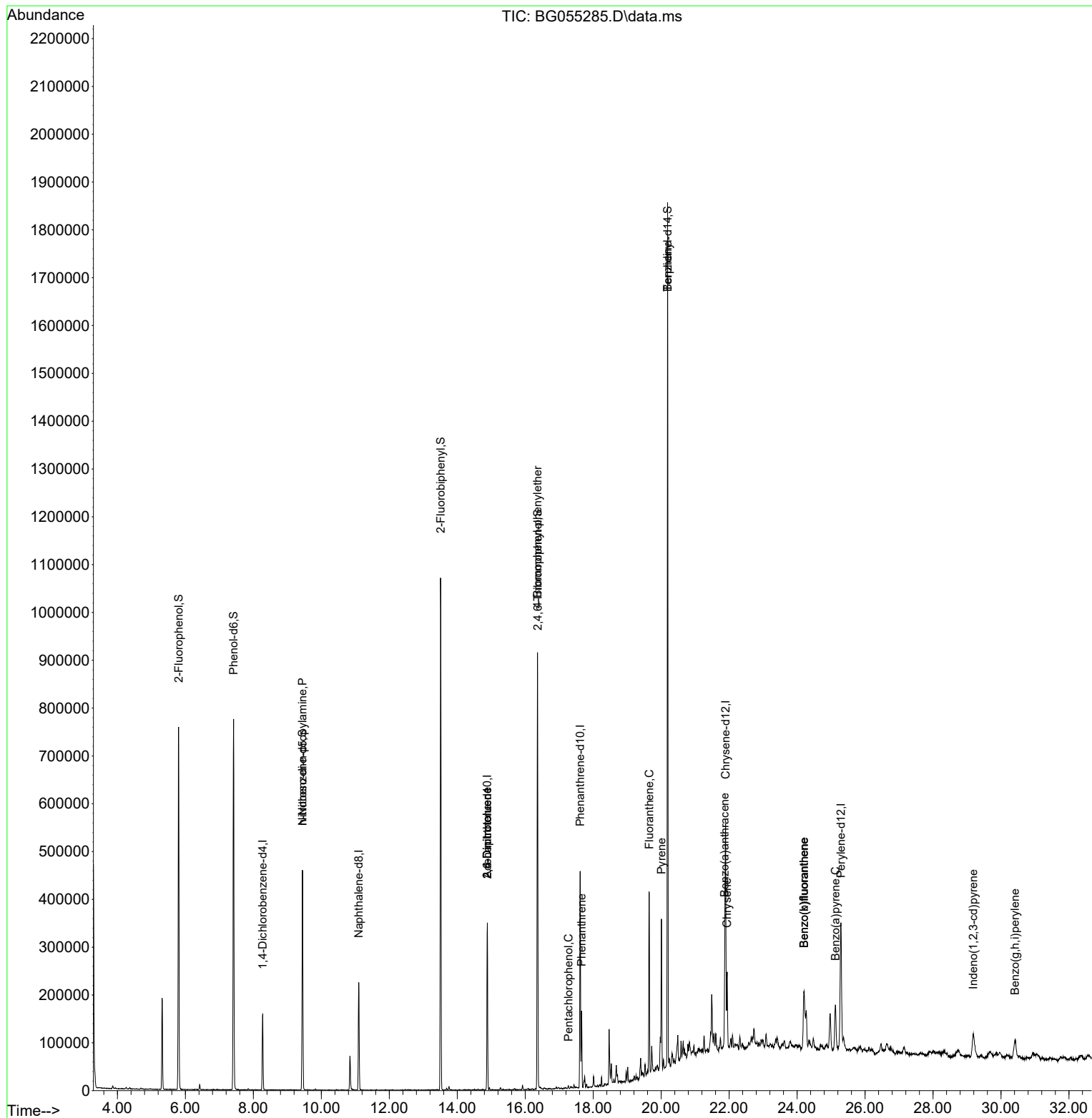
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	46130	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	191500	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	118773	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	268450	20.000	ng	0.00
76) Chrysene-d12	21.895	240	256433	20.000	ng	0.00
86) Perylene-d12	25.291	264	271548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	347194	131.786	ng	0.01
7) Phenol-d6	7.418	99	466919	122.331	ng	0.00
23) Nitrobenzene-d5	9.445	82	293987	78.391	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	172554	133.642	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	543429	74.887	ng	0.00
79) Terphenyl-d14	20.191	244	825519	66.886	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.445	70	38599	12.178	ng	# 82
51) 2,6-Dinitrotoluene	14.886	165	15125	7.971	ng	# 21
57) 2,4-Dinitrotoluene	14.886	165	15125	5.493	ng	# 19
67) 4-Bromophenyl-phenylether	16.360	248	11528	4.420	ng	# 1
70) Pentachlorophenol	17.271	266	229	2.676	ng	# 17
71) Phenanthrene	17.659	178	97665	6.822	ng	98
75) Fluoranthene	19.651	202	231803	13.895	ng	98
77) Benzidine	20.191	184	13056	2.103	ng	# 89
78) Pyrene	20.009	202	194046	11.040	ng	99
81) Benzo(a)anthracene	21.871	228	101299	5.883	ng	99
83) Chrysene	21.942	228	112542	6.880	ng	98
87) Indeno(1,2,3-cd)pyrene	29.186	276	80339	4.006	ng	# 94
88) Benzo(b)fluoranthene	24.204	252	153444	9.394	ng	99
89) Benzo(k)fluoranthene	24.204	252	153444	9.303	ng	99
90) Benzo(a)pyrene	25.132	252	100820	7.198	ng	99
92) Benzo(g,h,i)perylene	30.414	276	79574	4.874	ng	98

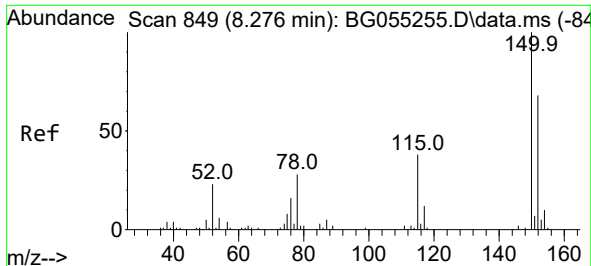
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
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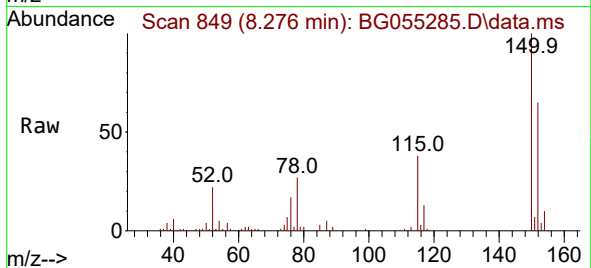
Quant Time: Oct 26 14:46:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
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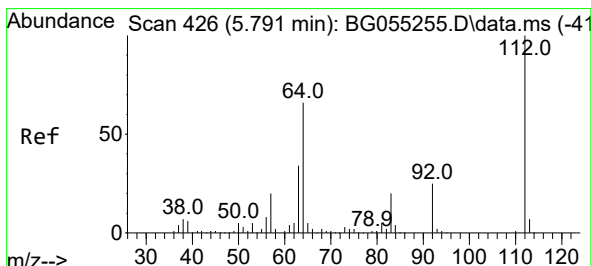
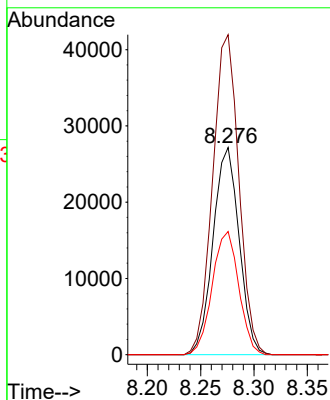
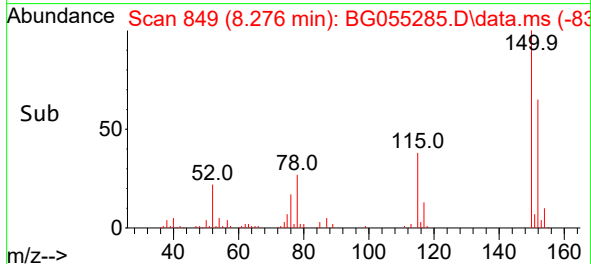


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 849
Delta R.T. -0.000 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

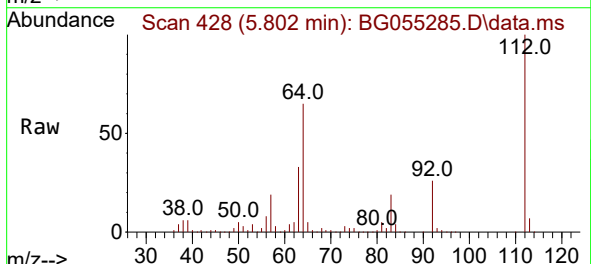
Instrument :
BNA_G
ClientSampleId :



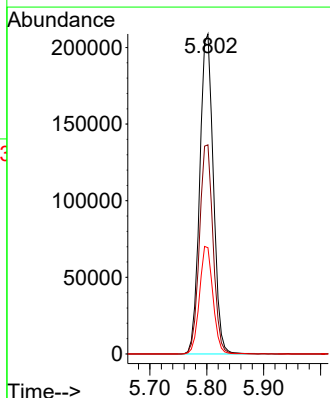
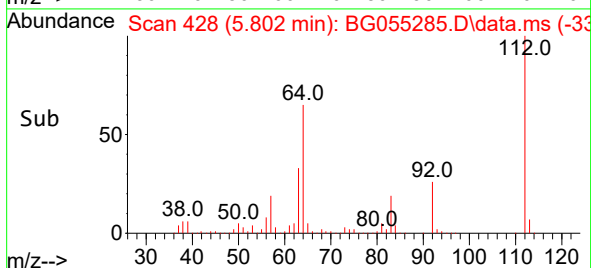
Tgt Ion:152 Resp: 46130
Ion Ratio Lower Upper
152 100
150 154.4 118.2 177.4
115 59.4 44.5 66.7

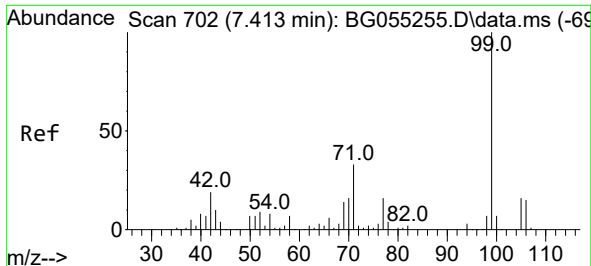


#5
2-Fluorophenol
Concen: 131.786 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.011 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23



Tgt Ion:112 Resp: 347194
Ion Ratio Lower Upper
112 100
64 65.4 52.6 78.8
63 33.2 27.1 40.7

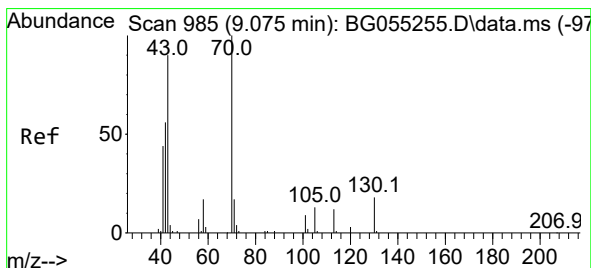
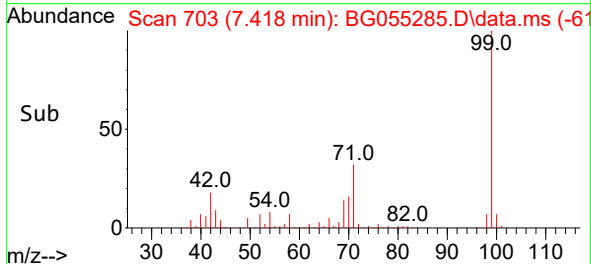
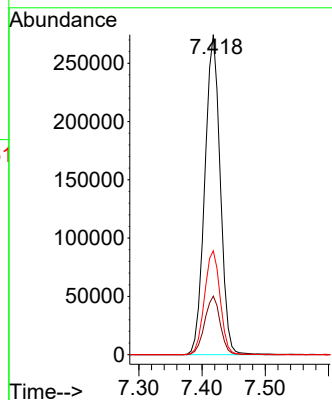
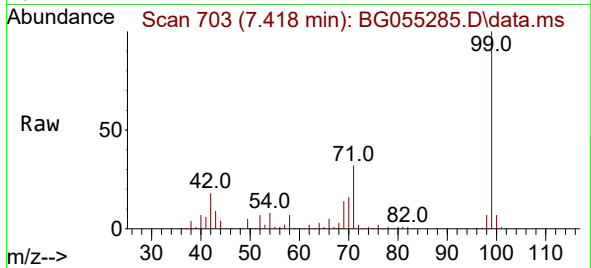




#7
Phenol-d6
Concen: 122.331 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

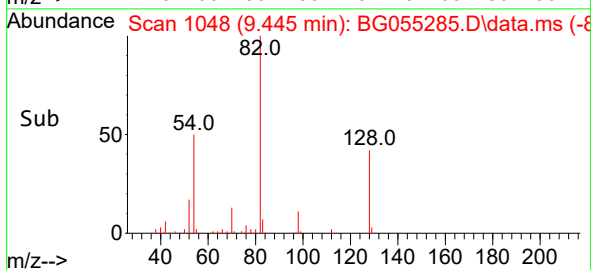
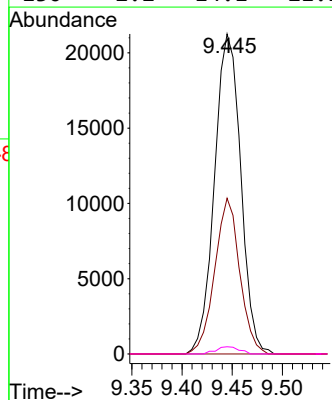
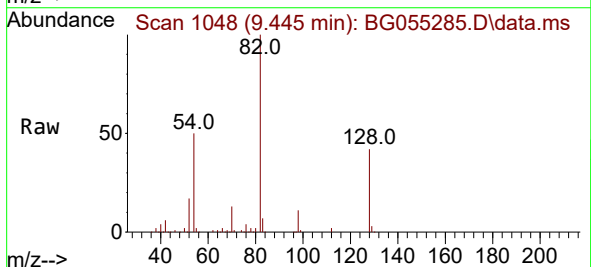
Instrument :
BNA_G
ClientSampleId :

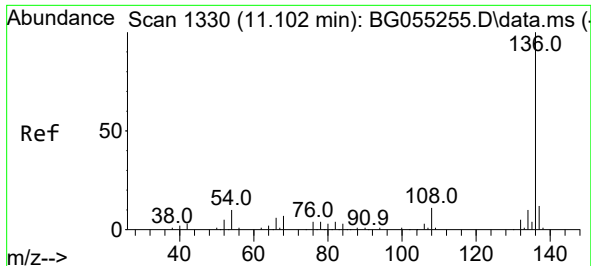
Tgt Ion: 99 Resp: 466919
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 32.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.178 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

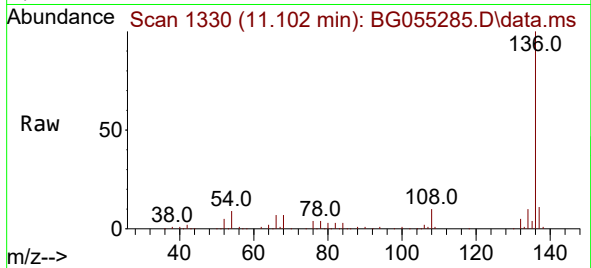
Tgt Ion: 70 Resp: 38599
Ion Ratio Lower Upper
70 100
42 48.6 45.8 68.6
101 0.0 7.4 11.0#
130 2.2 14.1 21.1#



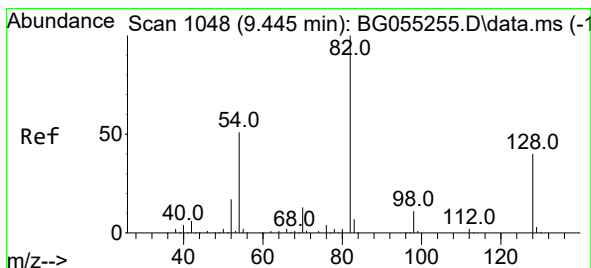
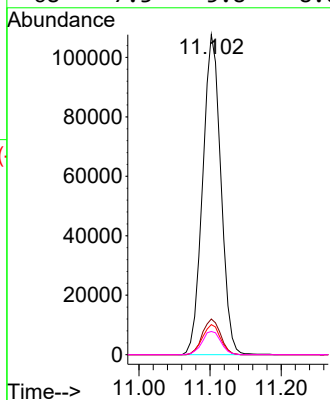
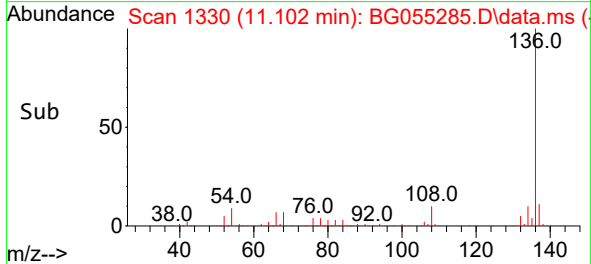


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

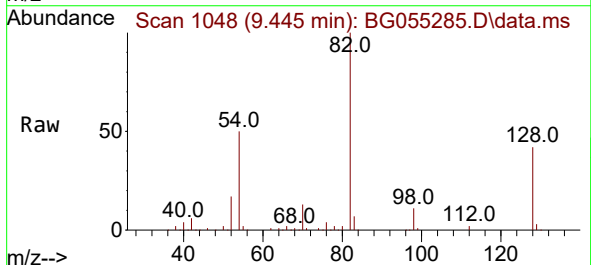
Instrument :
BNA_G
ClientSampleId :



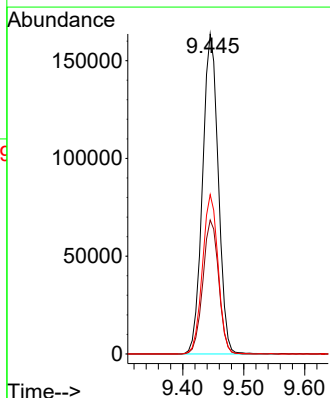
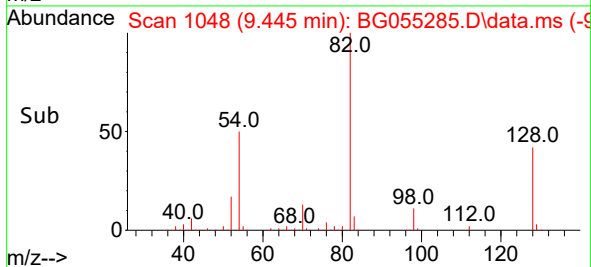
Tgt Ion:136 Resp: 191500
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.4 7.8 11.8
68 7.3 5.8 8.6

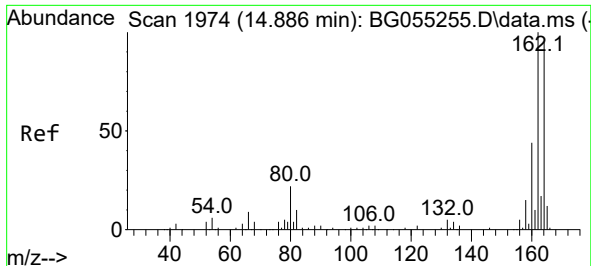


#23
Nitrobenzene-d5
Concen: 78.391 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.001 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23



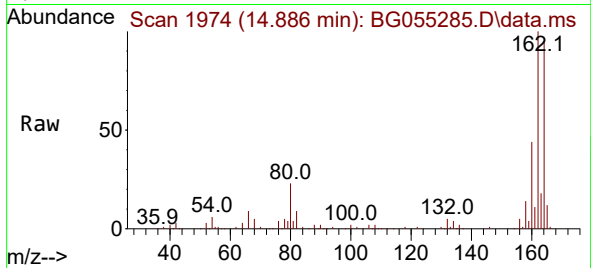
Tgt Ion: 82 Resp: 293987
Ion Ratio Lower Upper
82 100
128 41.8 32.0 48.0
54 49.8 40.9 61.3



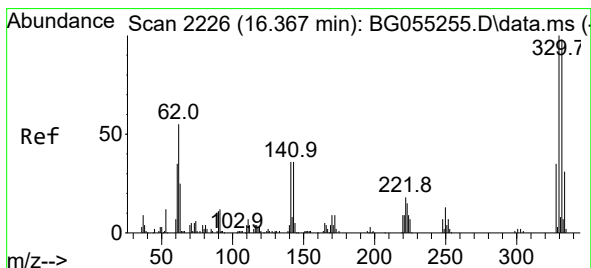
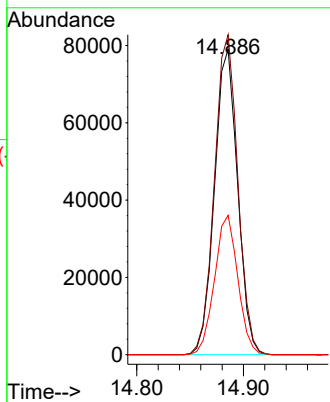
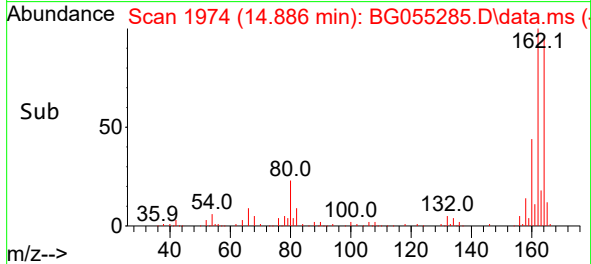


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

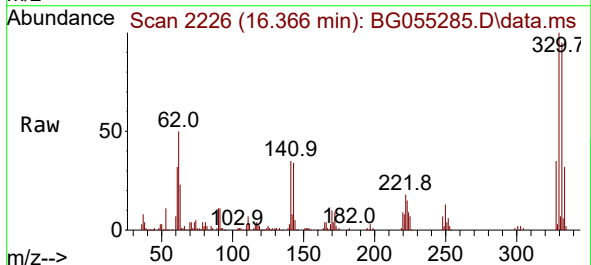
Instrument :
BNA_G
ClientSampleId :



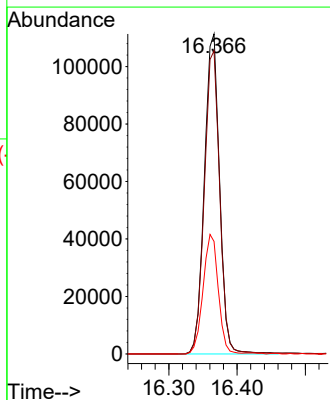
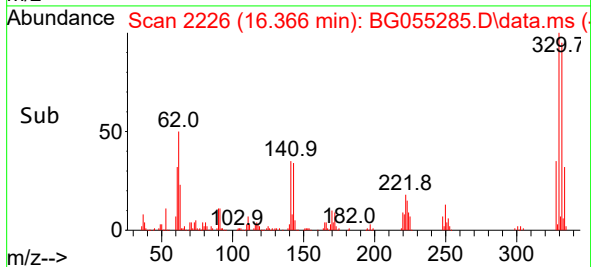
Tgt Ion:164 Resp: 118773
Ion Ratio Lower Upper
164 100
162 104.8 84.0 126.0
160 45.6 36.7 55.1

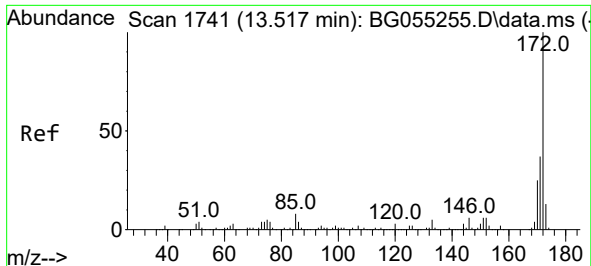


#42
2,4,6-Tribromophenol
Concen: 133.642 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23



Tgt Ion:330 Resp: 172554
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.6 29.8 44.8

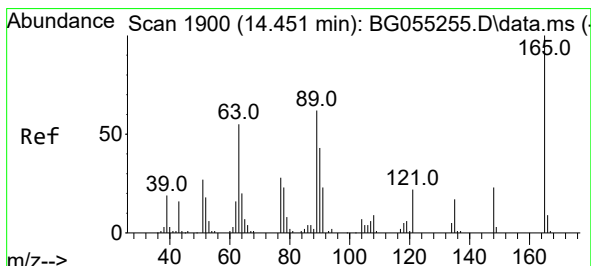
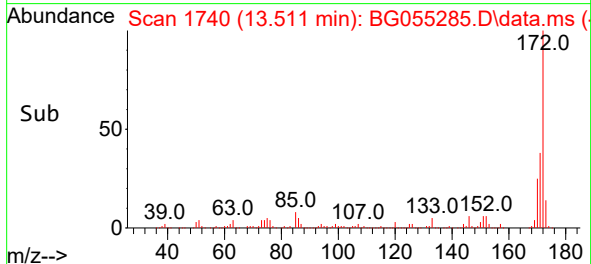
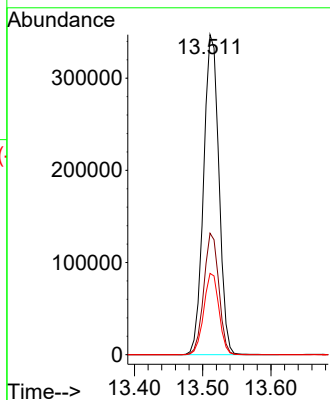
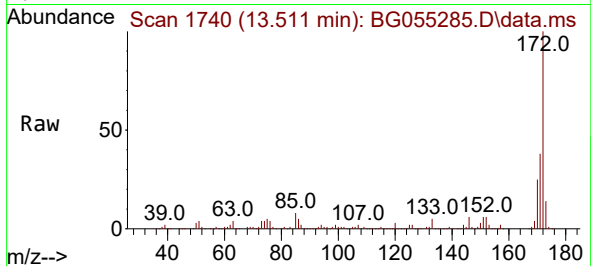




#45
2-Fluorobiphenyl
Concen: 74.887 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

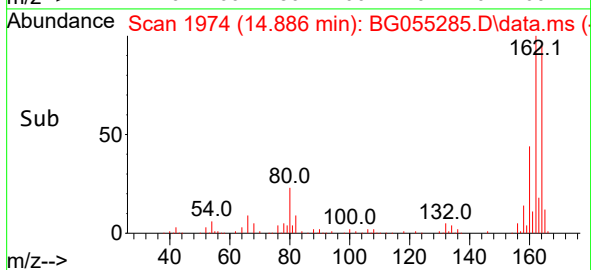
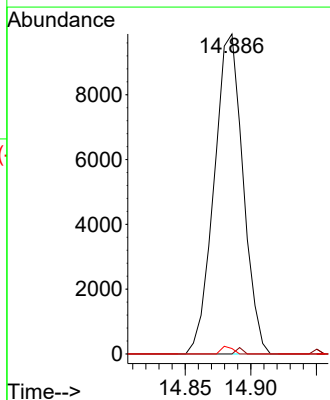
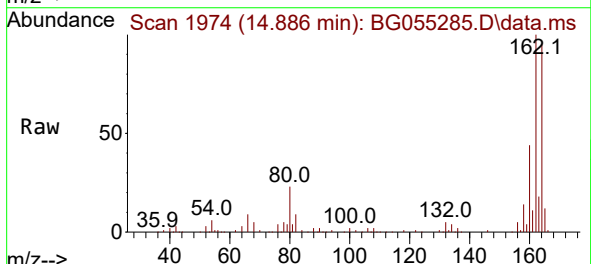
Instrument :
BNA_G
ClientSampleId :

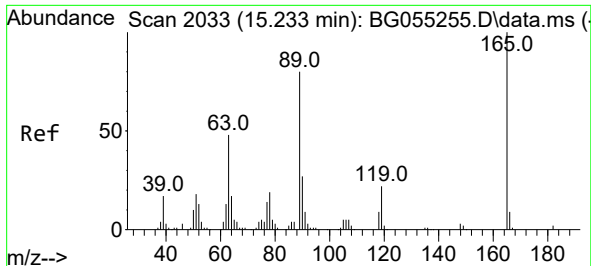
Tgt Ion:172 Resp: 543429
Ion Ratio Lower Upper
172 100
171 38.0 29.7 44.5
170 25.4 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.971 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.434 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

Tgt Ion:165 Resp: 15125
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 1.7 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.493 ng

RT: 14.886 min Scan# 14

Delta R.T. -0.347 min

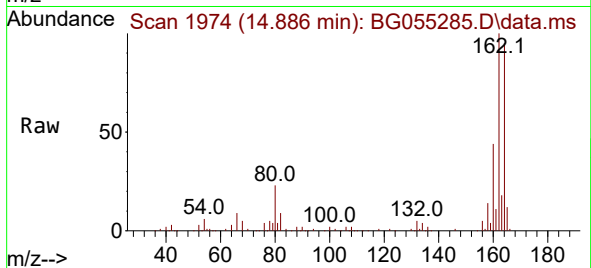
Lab File: BG055285.D

Acq: 25 Oct 2022 21:23

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 15125

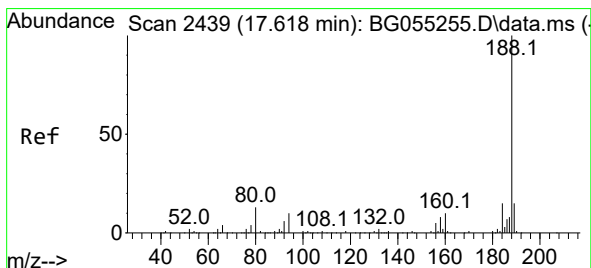
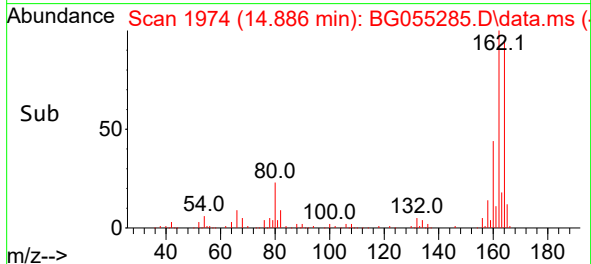
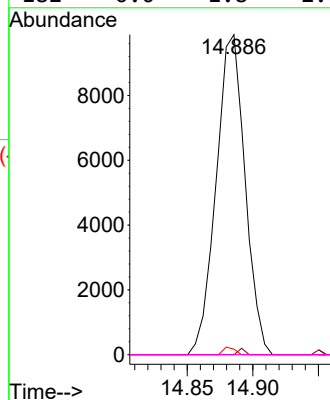
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 1.7 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BG055285.D

Acq: 25 Oct 2022 21:23

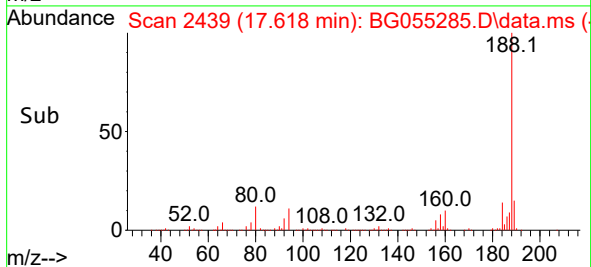
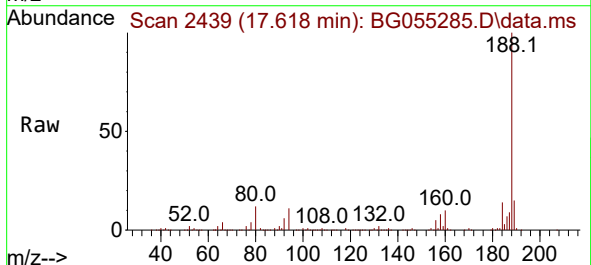
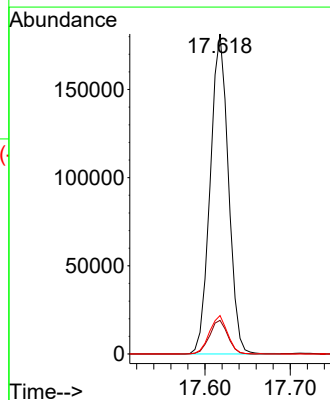
Tgt Ion:188 Resp: 268450

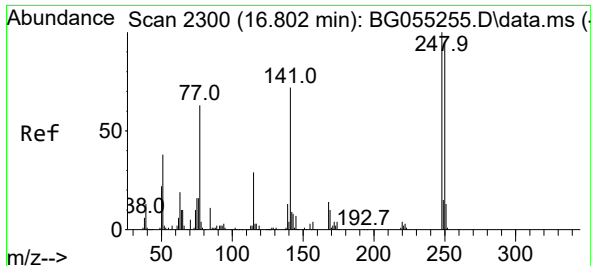
Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

80 12.0 10.1 15.1

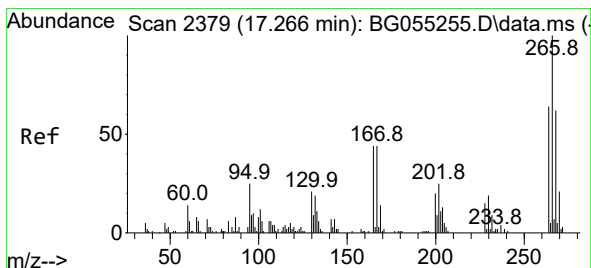
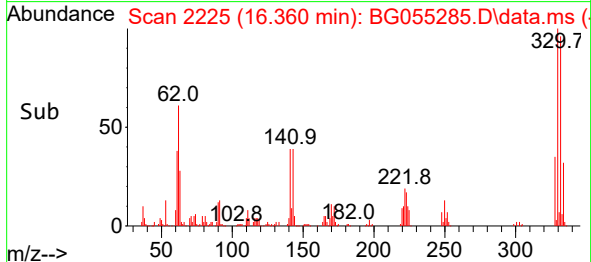
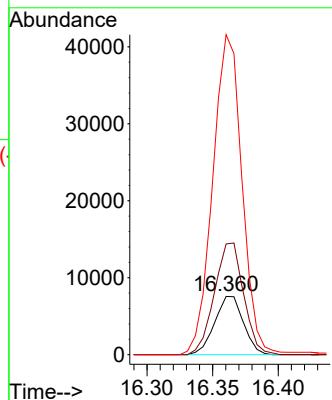
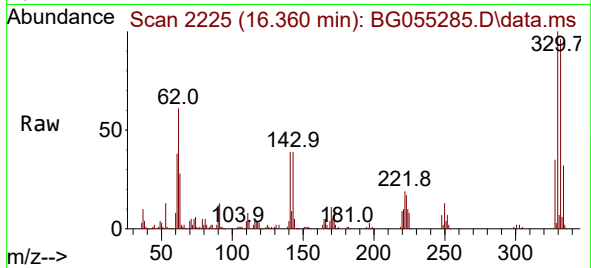




#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 16.360 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

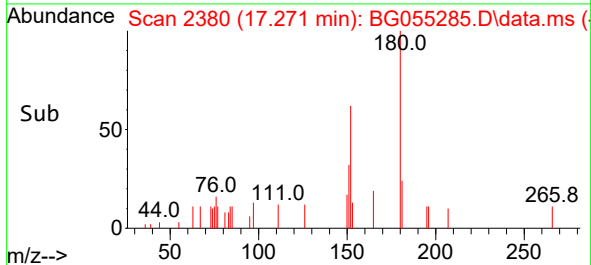
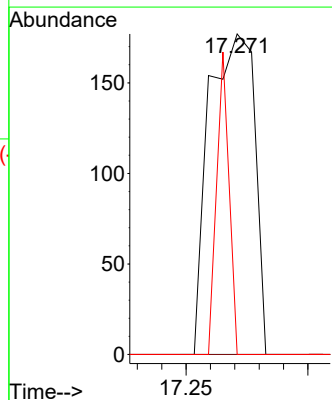
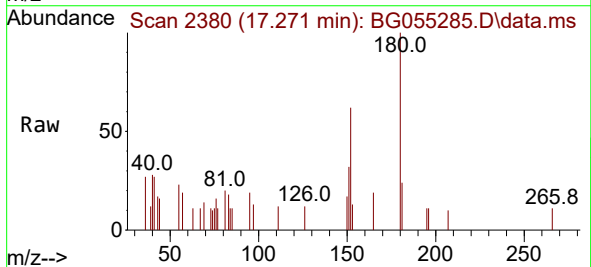
Instrument :
BNA_G
ClientSampleId :

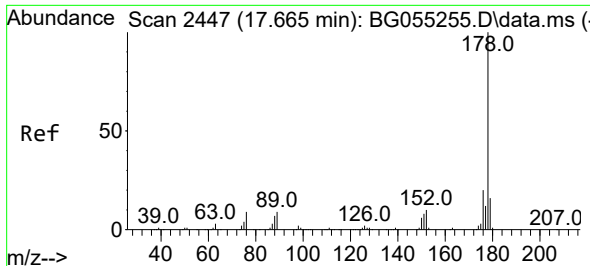
Tgt Ion:248 Resp: 11528
Ion Ratio Lower Upper
248 100
250 190.0 76.0 114.0#
141 549.0 58.0 87.0#



#70
Pentachlorophenol
Concen: 2.676 ng
RT: 17.271 min Scan# 2380
Delta R.T. 0.005 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

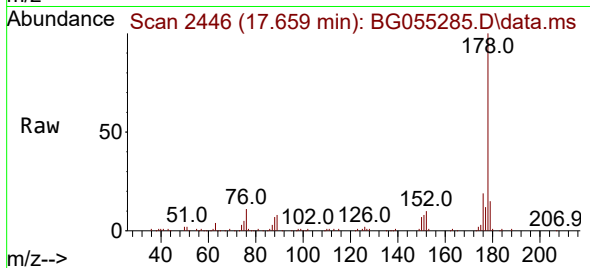
Tgt Ion:266 Resp: 229
Ion Ratio Lower Upper
266 100
268 0.0 53.2 79.8#
264 0.0 51.5 77.3#



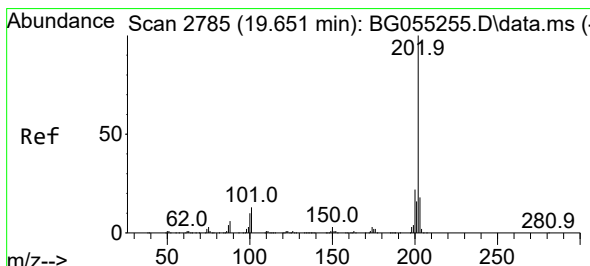
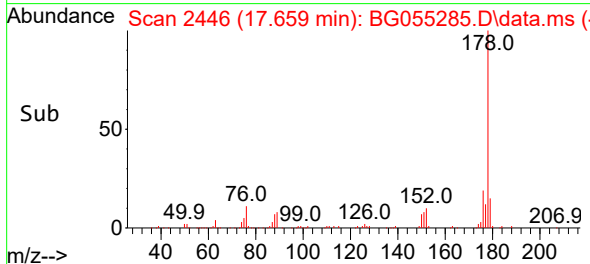
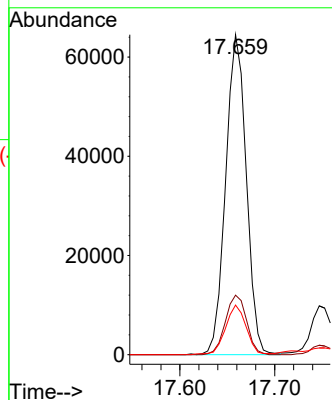


#71
Phenanthrene
Concen: 6.822 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

Instrument :
BNA_G
ClientSampleId :

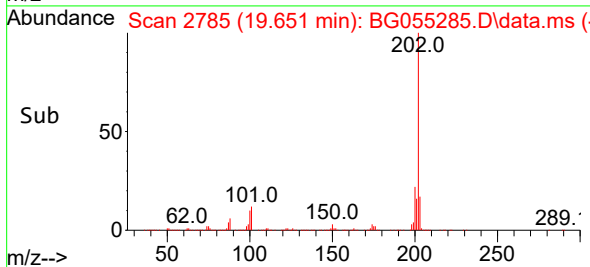
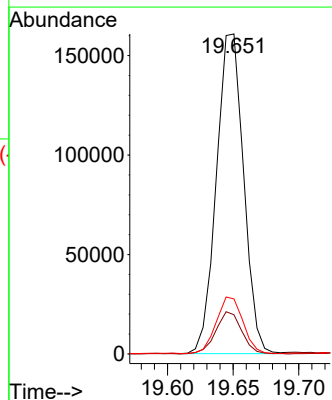
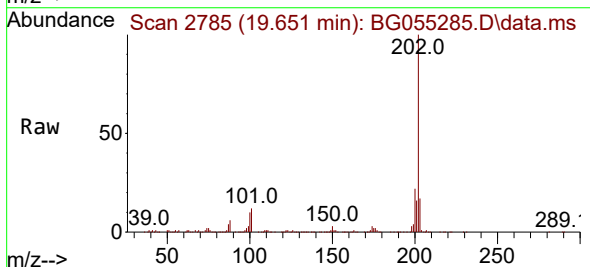


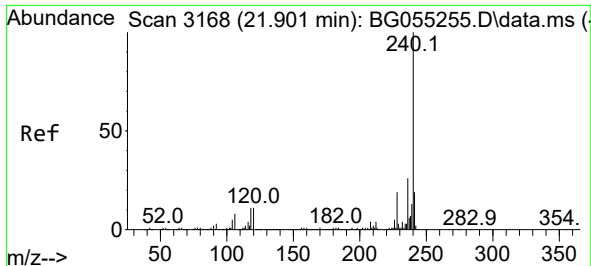
Tgt Ion:178 Resp: 97665
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.5 12.6 19.0



#75
Fluoranthene
Concen: 13.895 ng
RT: 19.651 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

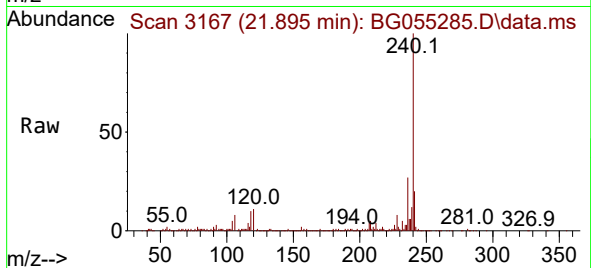
Tgt Ion:202 Resp: 231803
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.6
203 17.2 0.0 38.3



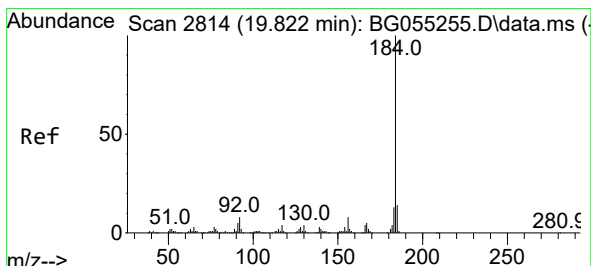
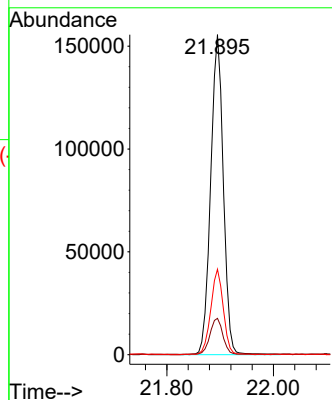
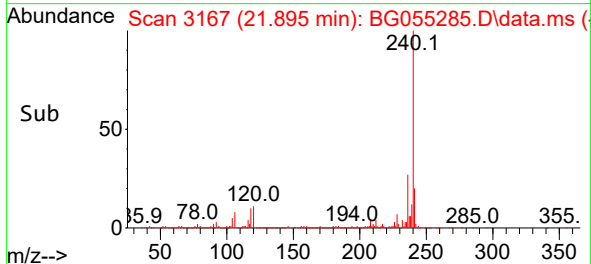


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

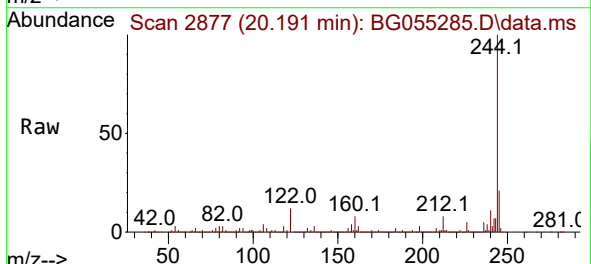
Instrument :
BNA_G
ClientSampleId :



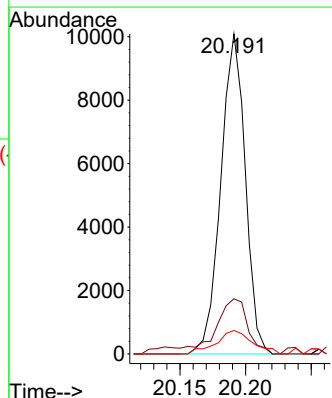
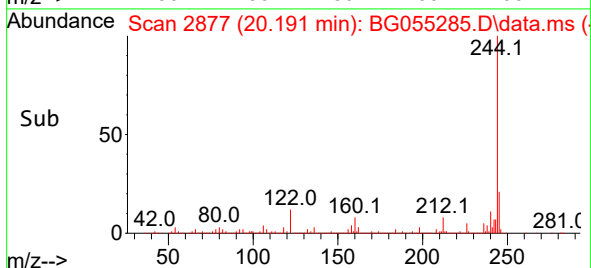
Tgt Ion:240 Resp: 256433
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.7 21.0 31.4

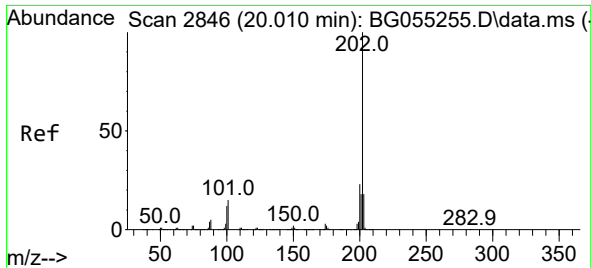


#77
Benzidine
Concen: 2.103 ng
RT: 20.191 min Scan# 2877
Delta R.T. 0.369 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23



Tgt Ion:184 Resp: 13056
Ion Ratio Lower Upper
184 100
185 17.2 11.0 16.6#
183 7.4 10.0 15.0#

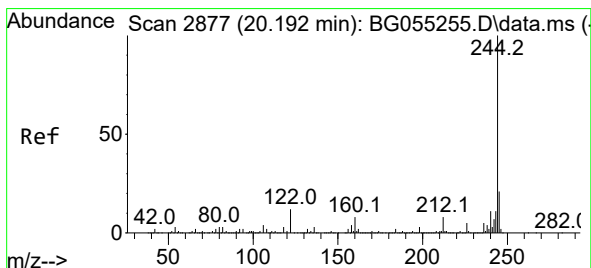
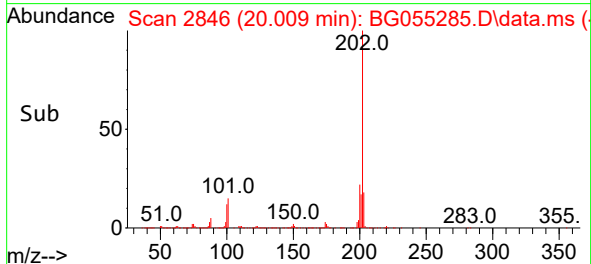
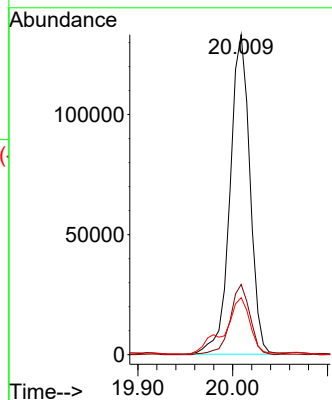
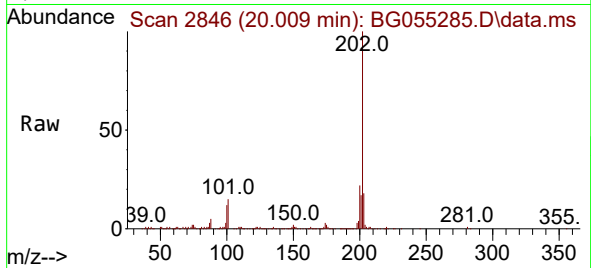




#78
 Pyrene
 Concen: 11.040 ng
 RT: 20.009 min Scan# 2846
 Delta R.T. -0.001 min
 Lab File: BG055285.D
 Acq: 25 Oct 2022 21:23

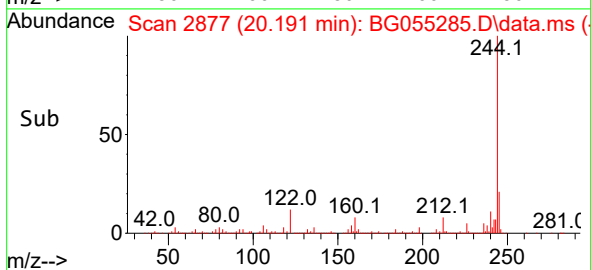
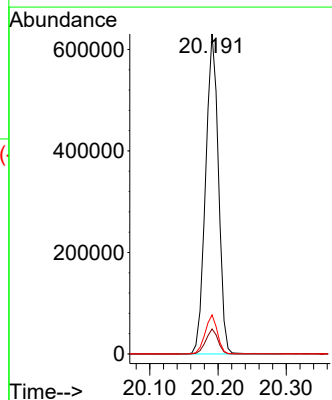
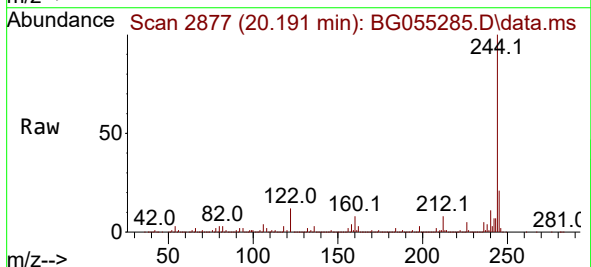
Instrument :
 BNA_G
 ClientSampleId :

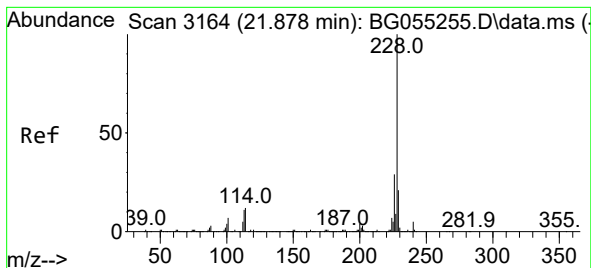
Tgt Ion:202 Resp: 194046
 Ion Ratio Lower Upper
 202 100
 200 21.9 18.0 27.0
 203 17.8 14.3 21.5



#79
 Terphenyl-d14
 Concen: 66.886 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG055285.D
 Acq: 25 Oct 2022 21:23

Tgt Ion:244 Resp: 825519
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 12.2 9.6 14.4





#81

Benzo(a)anthracene

Concen: 5.883 ng

RT: 21.871 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BG055285.D

Acq: 25 Oct 2022 21:23

Instrument :

BNA_G

ClientSampleId :

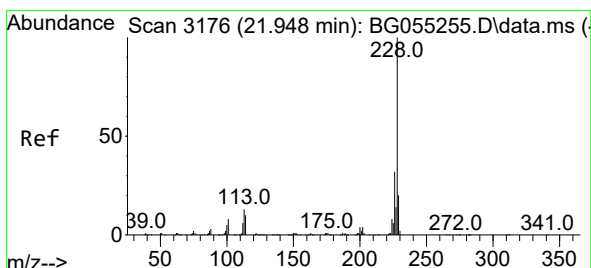
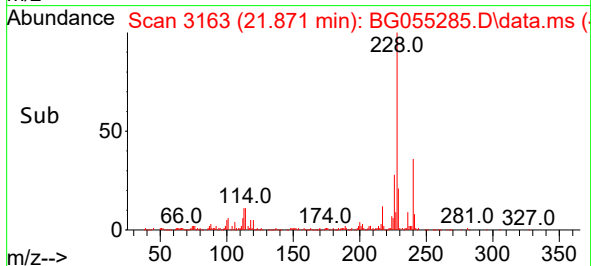
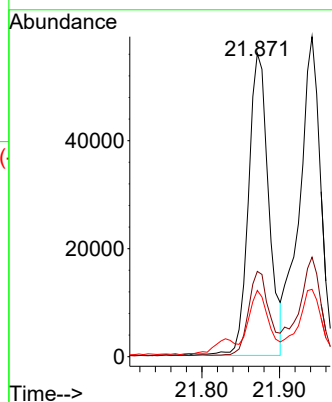
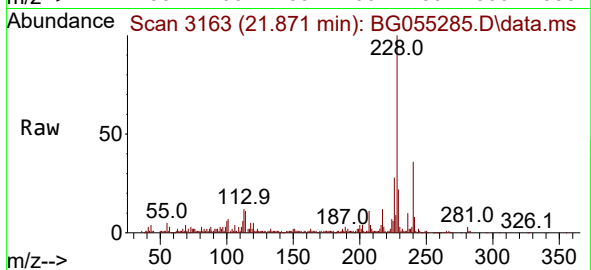
Tgt Ion:228 Resp: 101299

Ion Ratio Lower Upper

228 100

226 28.1 22.9 34.3

229 21.9 16.7 25.1



#83

Chrysene

Concen: 6.880 ng

RT: 21.942 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BG055285.D

Acq: 25 Oct 2022 21:23

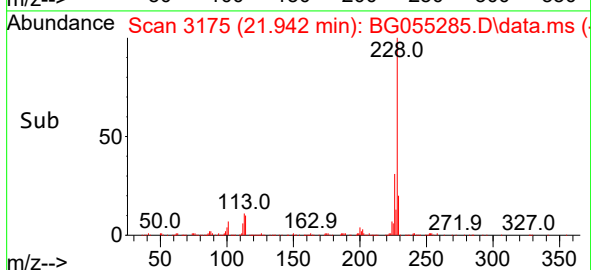
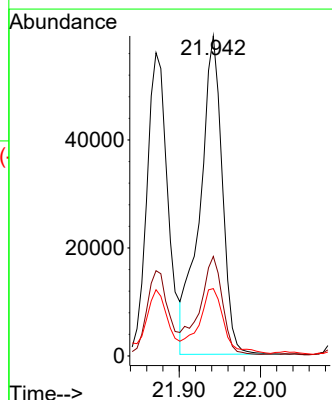
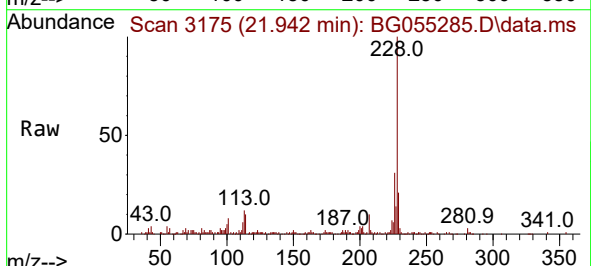
Tgt Ion:228 Resp: 112542

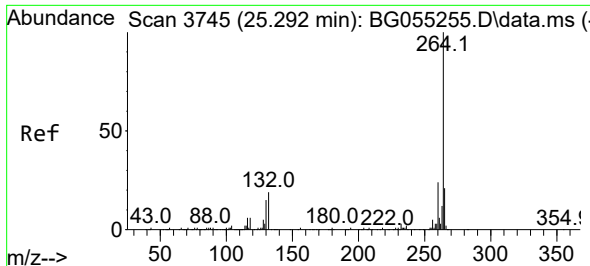
Ion Ratio Lower Upper

228 100

226 31.1 25.8 38.8

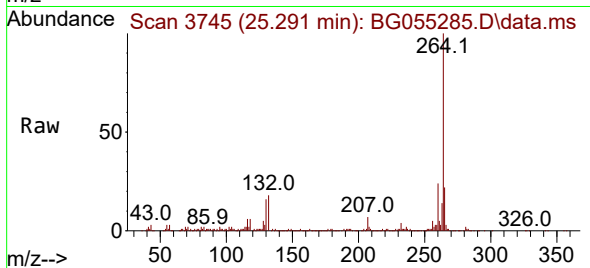
229 21.0 16.3 24.5





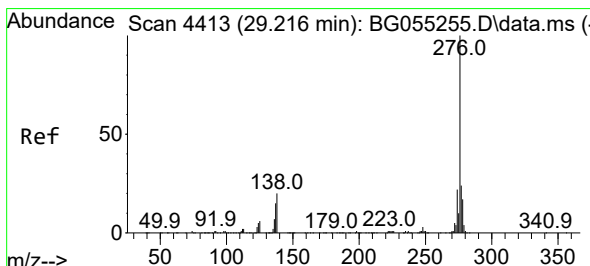
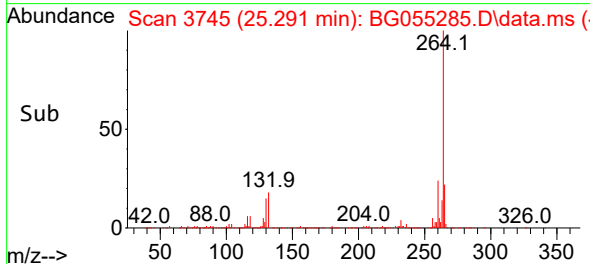
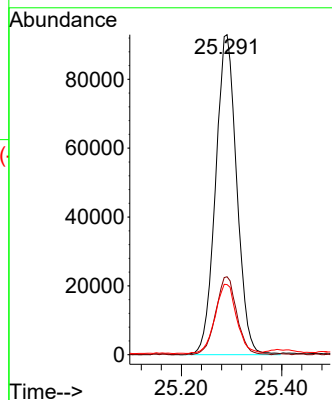
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.291 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 271548

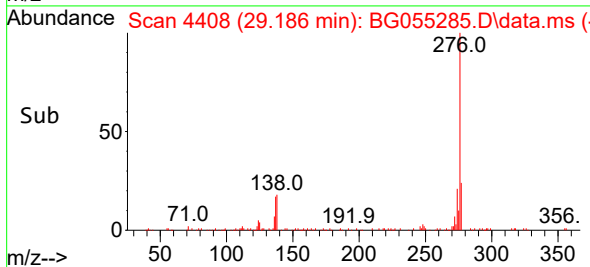
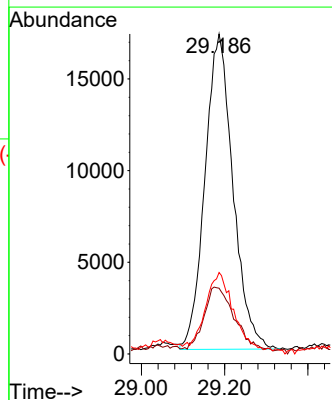
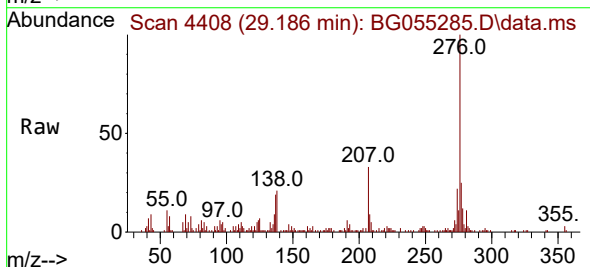
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	17.4	26.2

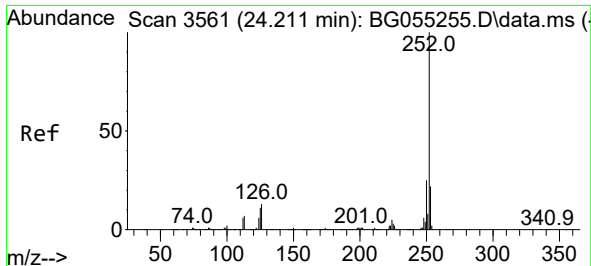


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.006 ng
RT: 29.186 min Scan# 4408
Delta R.T. -0.030 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

Tgt Ion:276 Resp: 80339

Ion	Ratio	Lower	Upper
276	100		
138	21.7	13.9	20.9
277	23.4	20.3	30.5

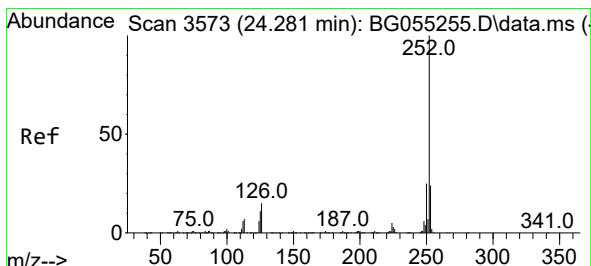
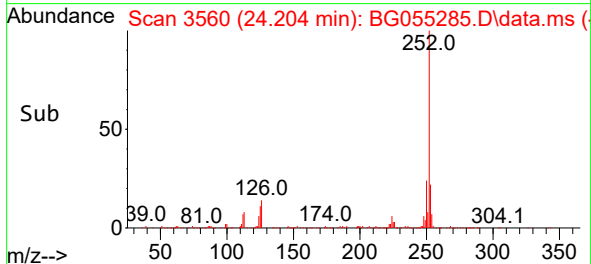
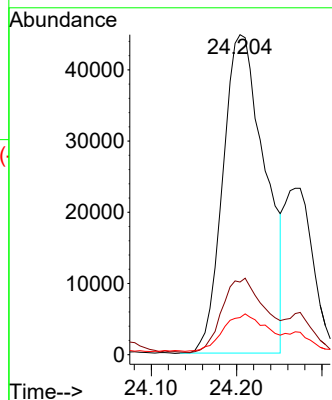
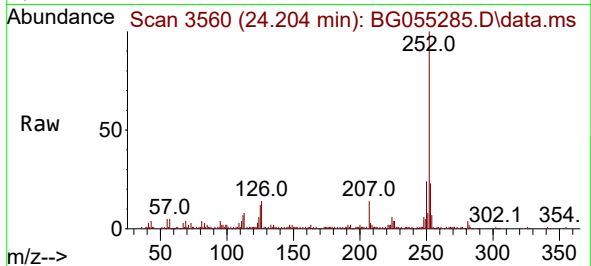




#88
Benzo(b)fluoranthene
Concen: 9.394 ng
RT: 24.204 min Scan# 3560
Delta R.T. -0.006 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

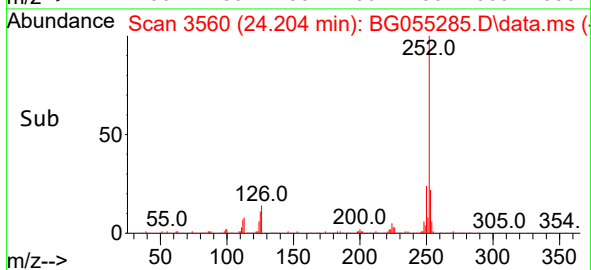
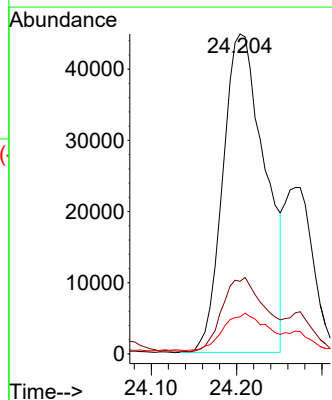
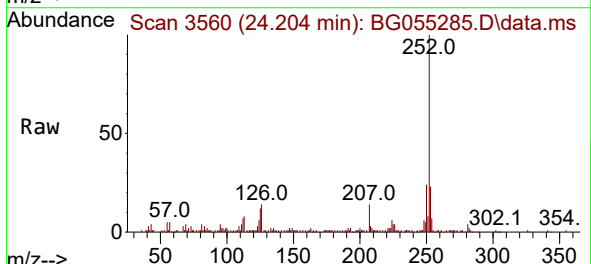
Instrument :
BNA_G
ClientSampleId :

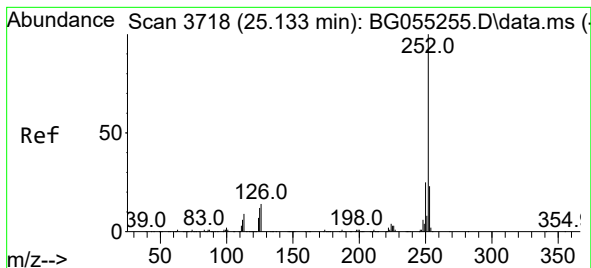
Tgt Ion:252 Resp: 153444
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.6 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 9.303 ng
RT: 24.204 min Scan# 3560
Delta R.T. -0.077 min
Lab File: BG055285.D
Acq: 25 Oct 2022 21:23

Tgt Ion:252 Resp: 153444
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 11.6 9.1 13.7





#90

Benzo(a)pyrene

Concen: 7.198 ng

RT: 25.132 min Scan# 31

Delta R.T. -0.001 min

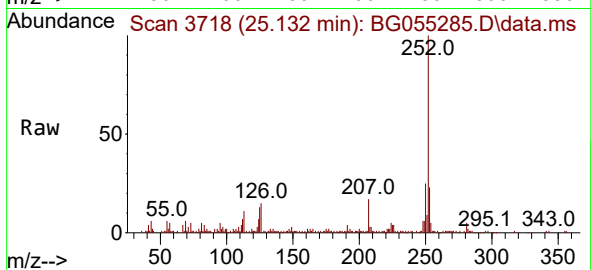
Lab File: BG055285.D

Acq: 25 Oct 2022 21:23

Instrument :

BNA_G

ClientSampleId :



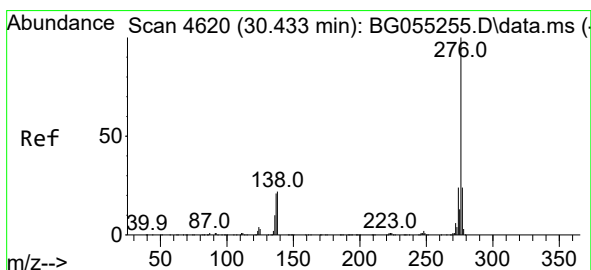
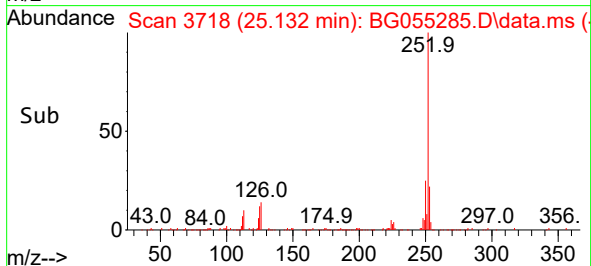
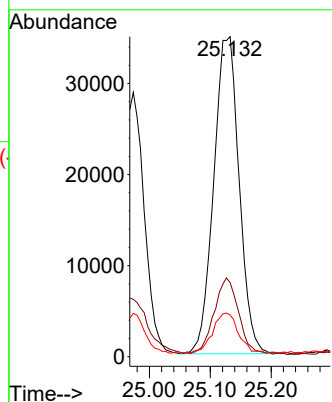
Tgt Ion:252 Resp: 100820

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

125 13.0 9.8 14.8



#92

Benzo(g,h,i)perylene

Concen: 4.874 ng

RT: 30.414 min Scan# 4617

Delta R.T. -0.018 min

Lab File: BG055285.D

Acq: 25 Oct 2022 21:23

Tgt Ion:276 Resp: 79574

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 22.9 17.2 25.8

