

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055867.D
 Acq On : 1 Dec 2022 22:46
 Operator : CG/JU
 Sample : N5818-04 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-113022

Quant Time: Dec 02 04:13:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

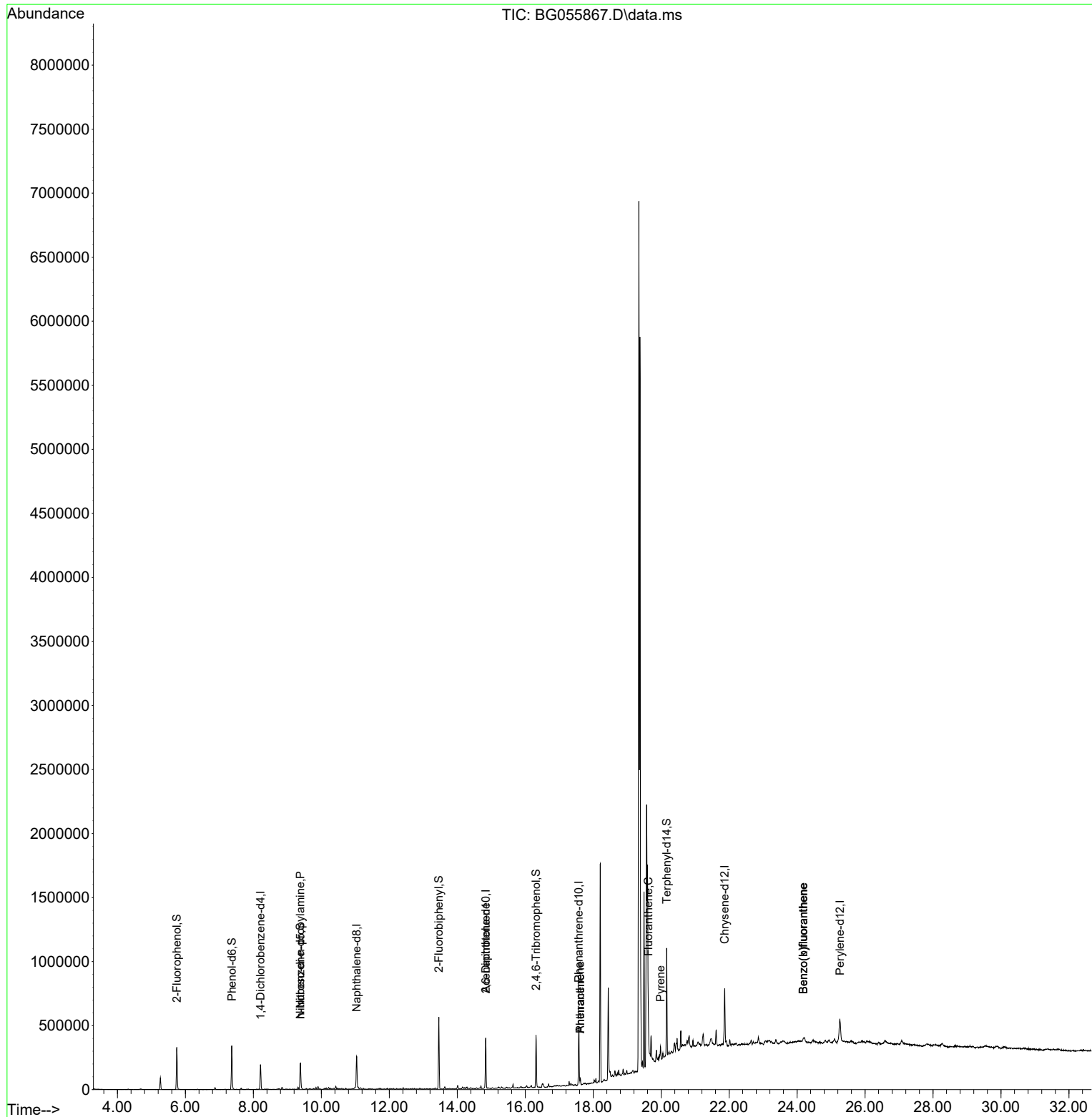
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	57439	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	220027	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	143763	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	299934	20.000	ng	0.00
76) Chrysene-d12	21.872	240	282704	20.000	ng	0.00
86) Perylene-d12	25.262	264	249048	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	151916	47.806	ng	0.01
7) Phenol-d6	7.365	99	193685	45.787	ng	0.00
23) Nitrobenzene-d5	9.380	82	122885	29.519	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	87641	43.293	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	291915	30.420	ng	0.00
79) Terphenyl-d14	20.162	244	420220	29.731	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	17518	5.390	ng	# 75
51) 2,6-Dinitrotoluene	14.839	165	19973	8.524	ng	# 27
71) Phenanthrene	17.618	178	33415	2.064	ng	97
72) Anthracene	17.618	178	33415	2.125	ng	96
75) Fluoranthene	19.621	202	43392	2.204	ng	94
78) Pyrene	19.980	202	61907	3.235	ng	97
88) Benzo(b)fluoranthene	24.181	252	36947	2.278	ng	# 71
89) Benzo(k)fluoranthene	24.181	252	36947	2.285	ng	# 71

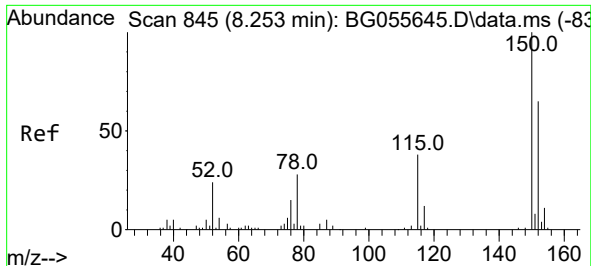
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055867.D
Acq On : 1 Dec 2022 22:46
Operator : CG/JU
Sample : N5818-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-113022

Quant Time: Dec 02 04:13:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

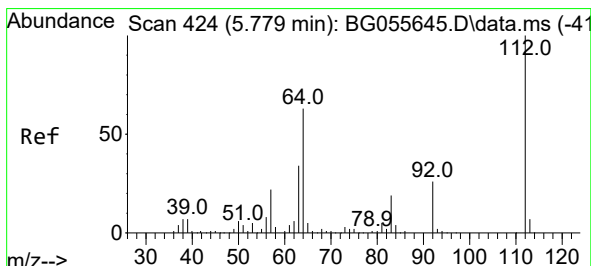
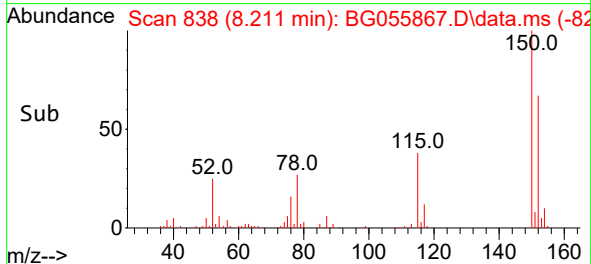
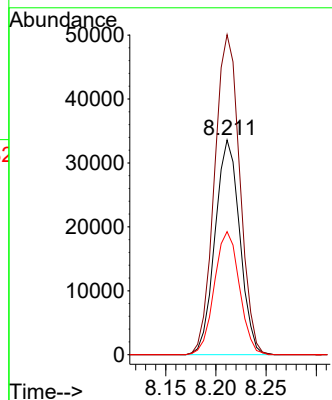
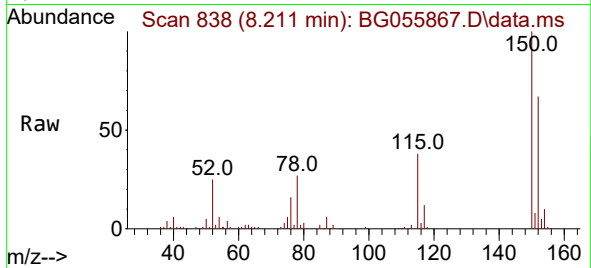




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

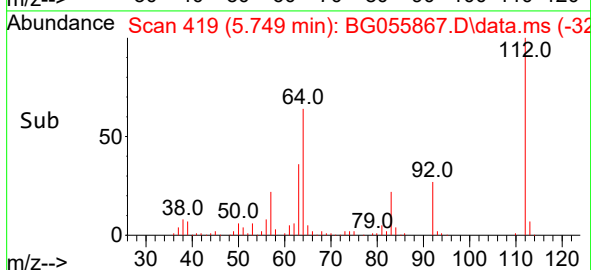
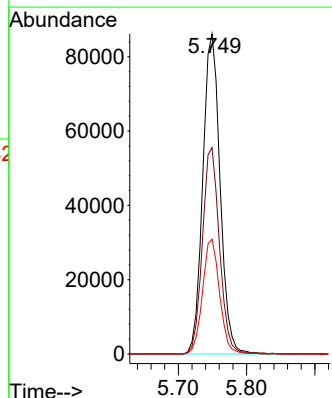
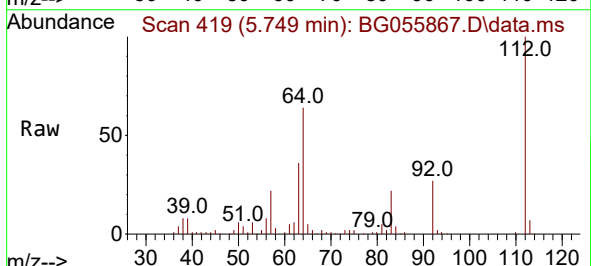
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

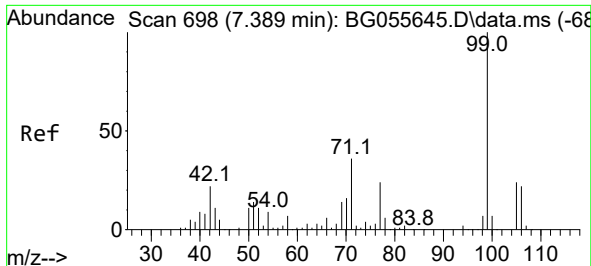
Tgt Ion:152 Resp: 57439
Ion Ratio Lower Upper
152 100
150 149.0 123.0 184.6
115 57.3 47.0 70.4



#5
2-Fluorophenol
Concen: 47.806 ng
RT: 5.749 min Scan# 419
Delta R.T. 0.012 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:112 Resp: 151916
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 35.9 27.5 41.3

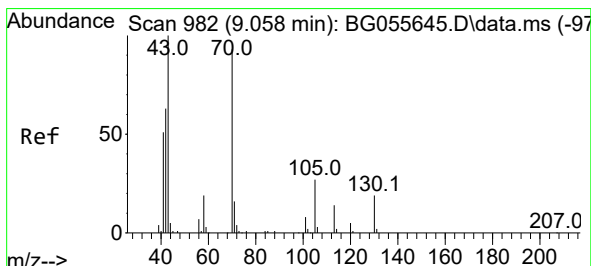
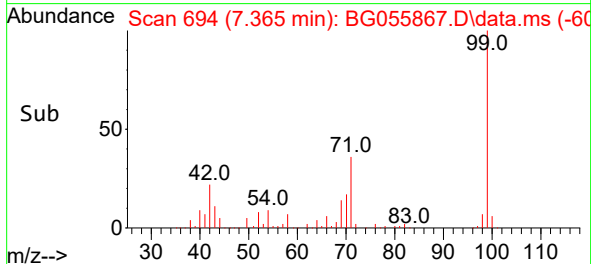
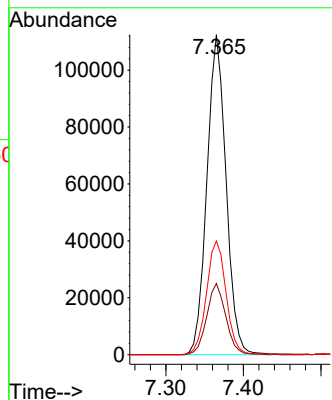
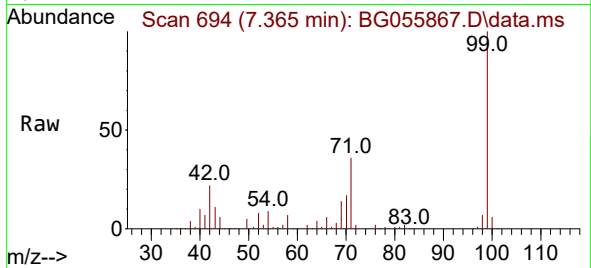




#7
Phenol-d6
Concen: 45.787 ng
RT: 7.365 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

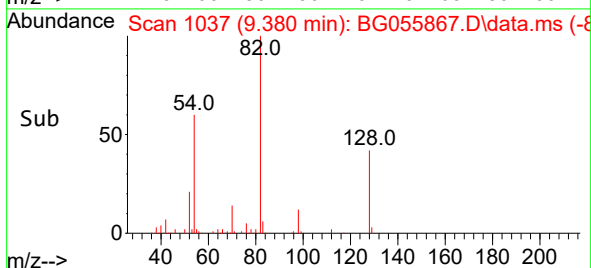
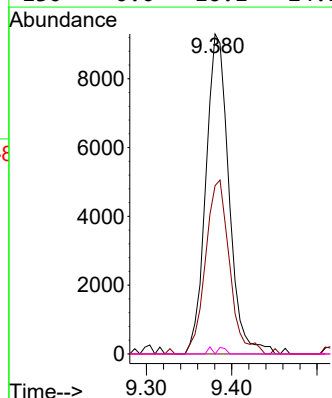
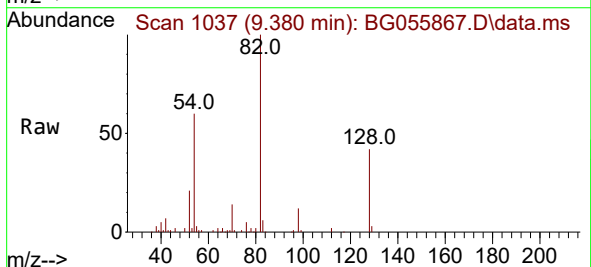
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

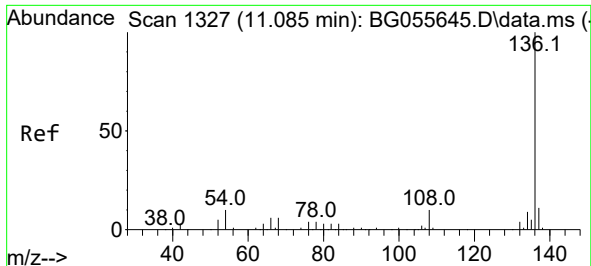
Tgt Ion: 99 Resp: 193685
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 35.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.390 ng
RT: 9.380 min Scan# 1037
Delta R.T. 0.370 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion: 70 Resp: 17518
Ion Ratio Lower Upper
70 100
42 52.6 55.2 82.8#
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#

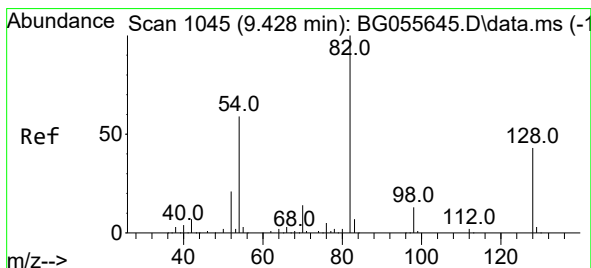
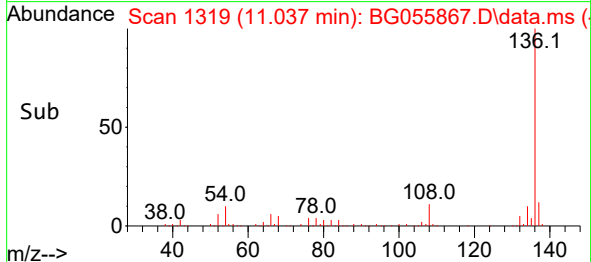
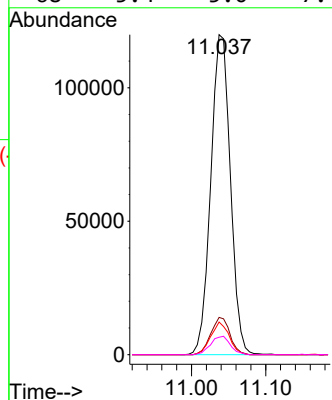
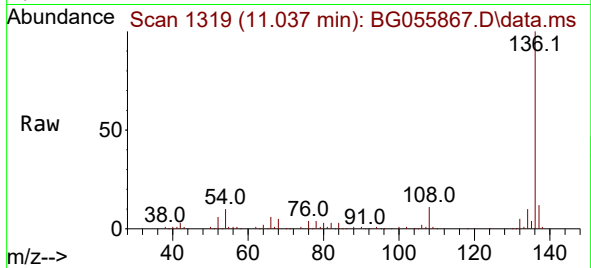




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

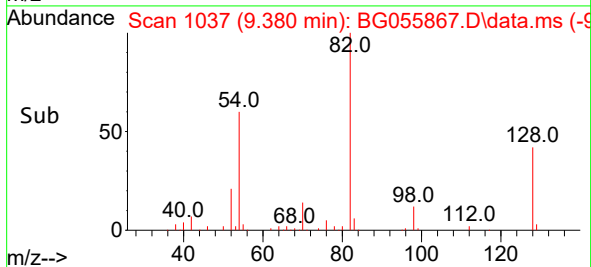
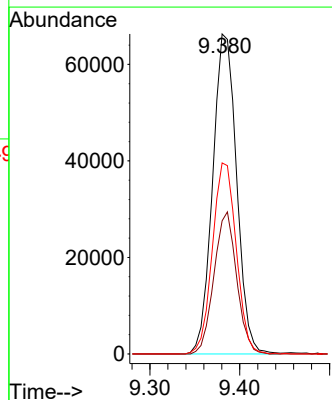
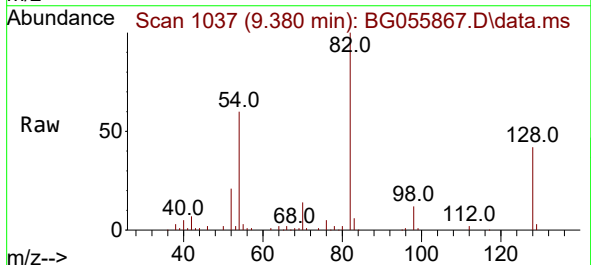
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

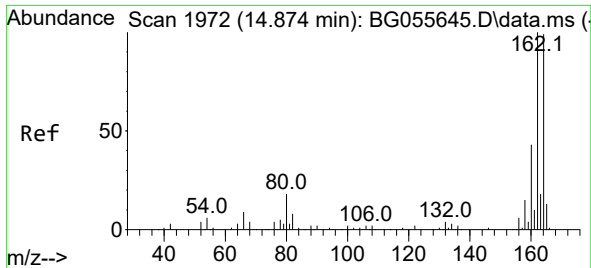
Tgt Ion:136 Resp: 220027
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.2 7.8 11.6
68 5.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 29.519 ng
RT: 9.380 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion: 82 Resp: 122885
Ion Ratio Lower Upper
82 100
128 41.6 34.1 51.1
54 59.7 47.3 70.9

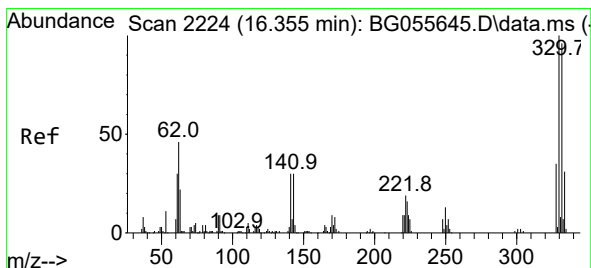
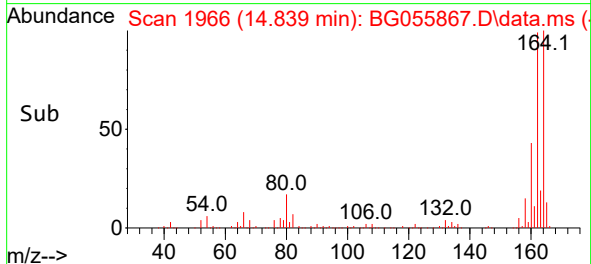
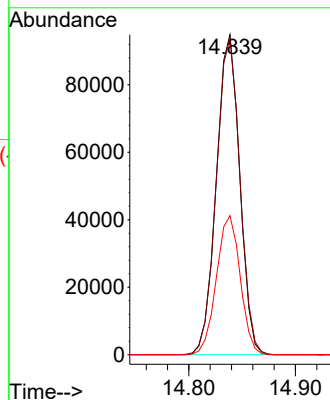
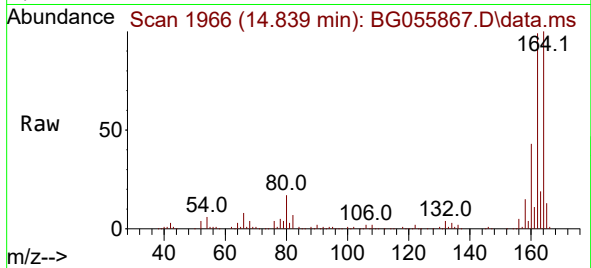




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

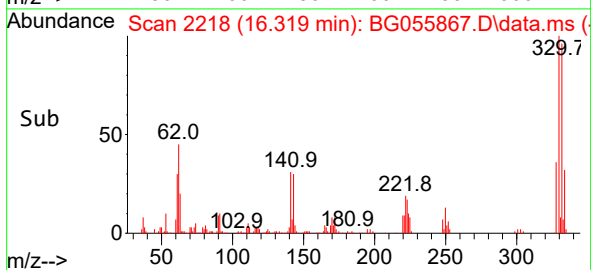
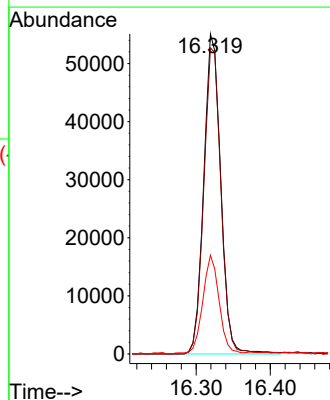
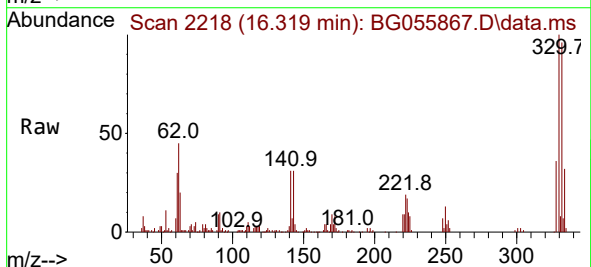
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

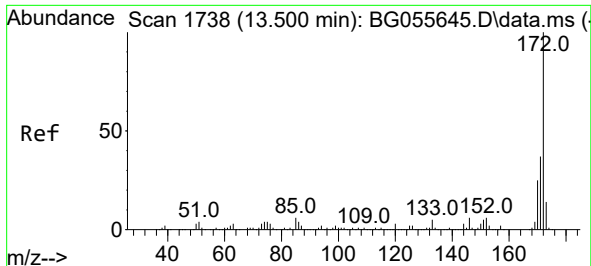
Tgt Ion:164 Resp: 143763
Ion Ratio Lower Upper
164 100
162 99.0 81.1 121.7
160 43.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 43.293 ng
RT: 16.319 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:330 Resp: 87641
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 29.9 23.9 35.9

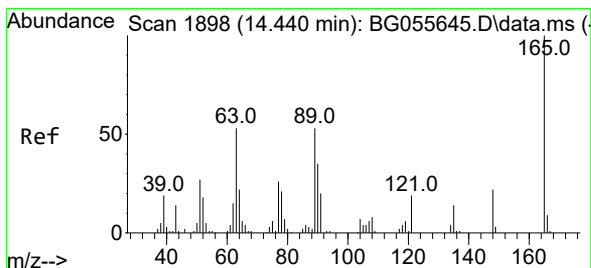
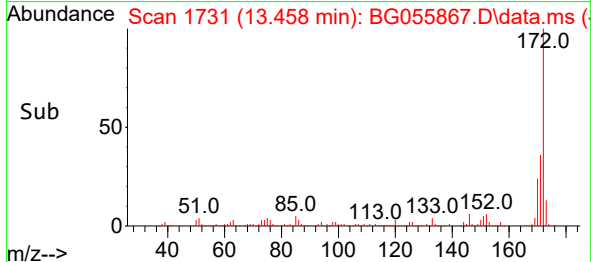
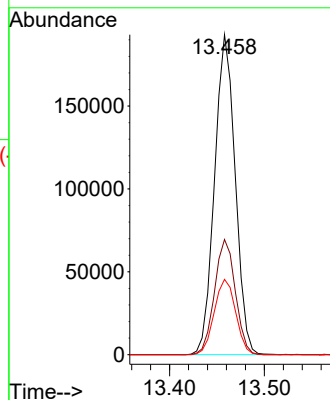
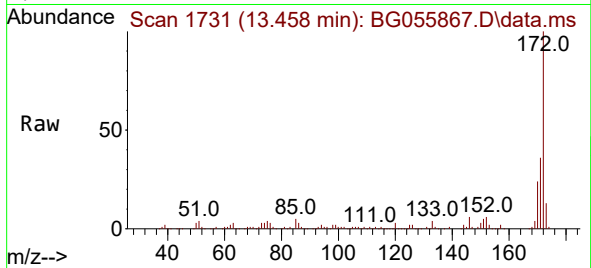




#45
2-Fluorobiphenyl
Concen: 30.420 ng
RT: 13.458 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

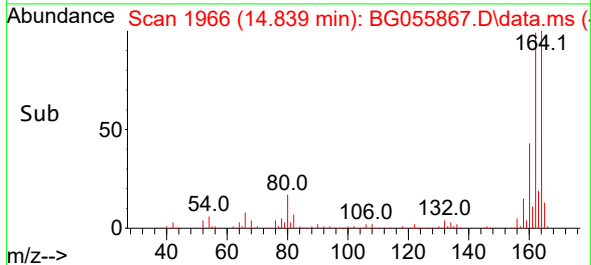
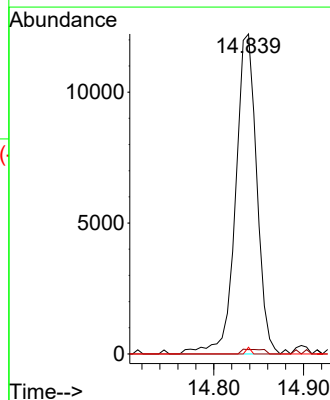
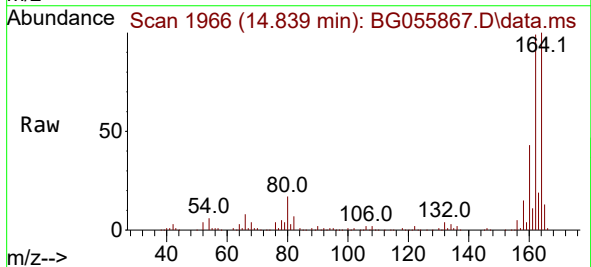
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

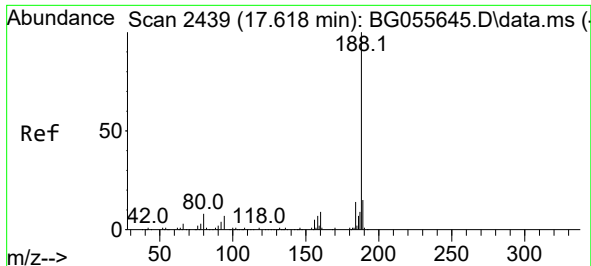
Tgt Ion:172 Resp: 291915
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 23.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.524 ng
RT: 14.839 min Scan# 1966
Delta R.T. 0.429 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:165 Resp: 19973
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 2.1 42.2 63.4#

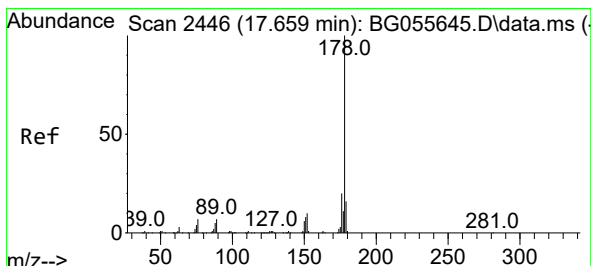
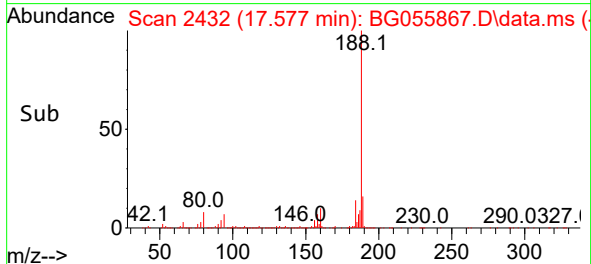
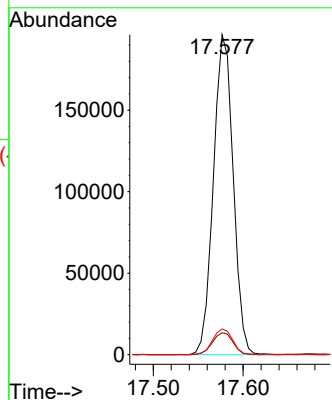
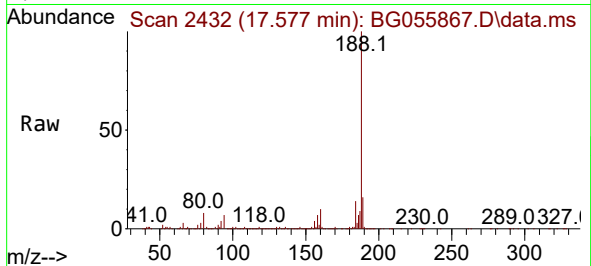




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

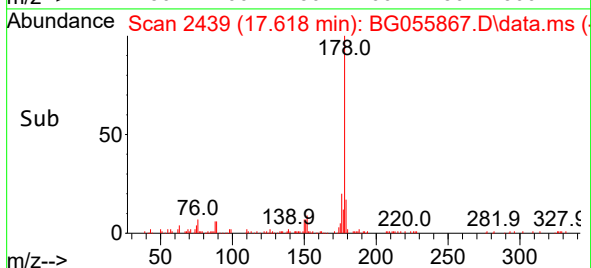
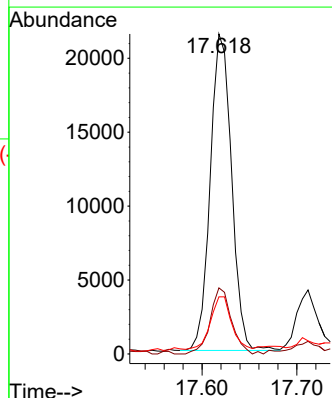
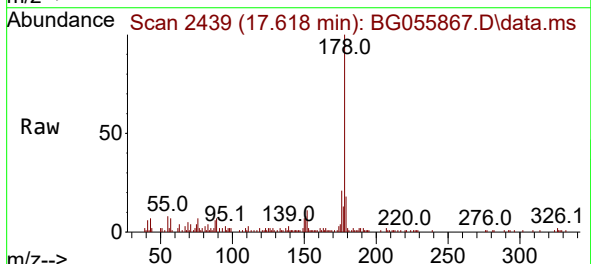
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

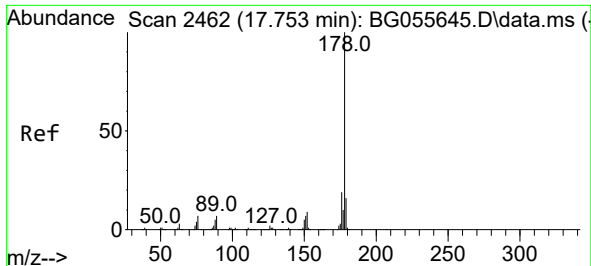
Tgt Ion:188 Resp: 299934
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.1 6.6 10.0



#71
Phenanthrene
Concen: 2.064 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:178 Resp: 33415
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.9 12.7 19.1

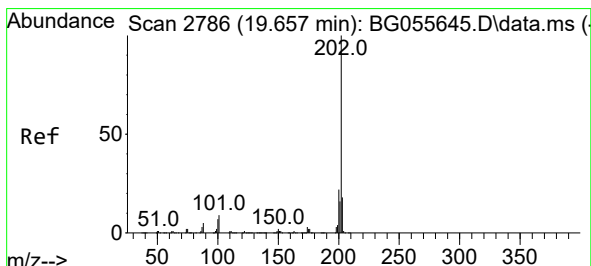
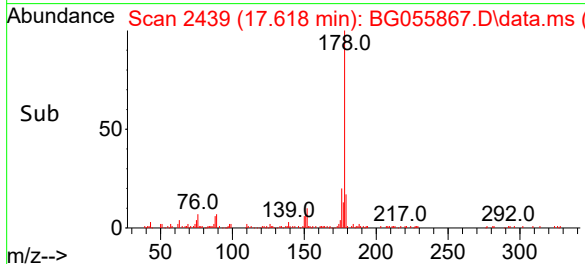
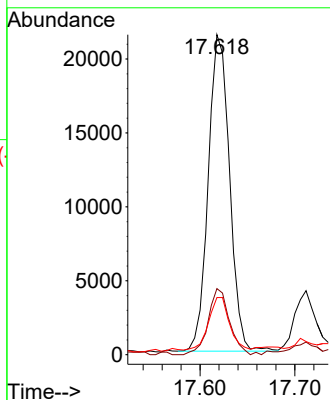
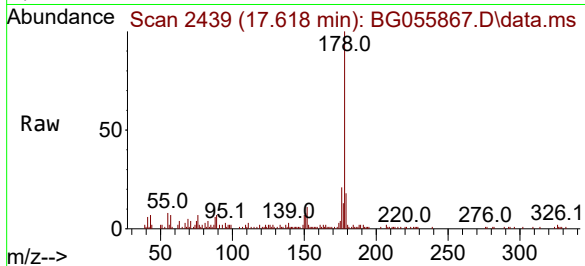




#72
 Anthracene
 Concen: 2.125 ng
 RT: 17.618 min Scan# 2462
 Delta R.T. -0.094 min
 Lab File: BG055867.D
 Acq: 1 Dec 2022 22:46

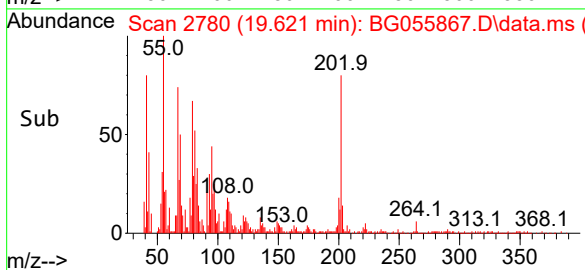
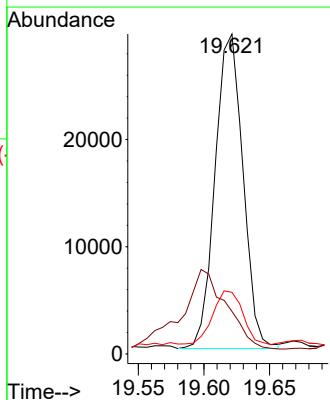
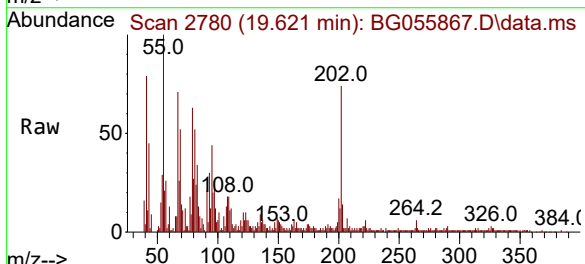
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-113022

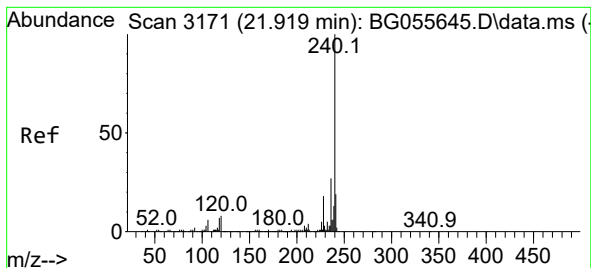
Tgt Ion:178 Resp: 33415
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.5 23.3
 179 17.9 12.5 18.7



#75
 Fluoranthene
 Concen: 2.204 ng
 RT: 19.621 min Scan# 2780
 Delta R.T. 0.006 min
 Lab File: BG055867.D
 Acq: 1 Dec 2022 22:46

Tgt Ion:202 Resp: 43392
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 28.8
 203 19.3 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.872 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

Instrument :

BNA_G

ClientSampleId :

TR-04-113022

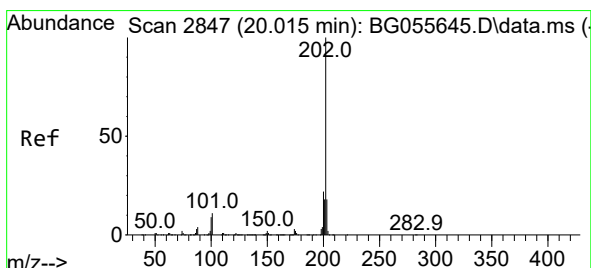
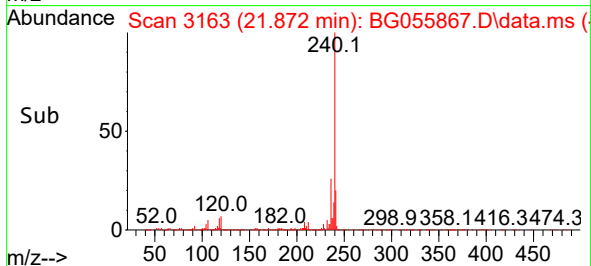
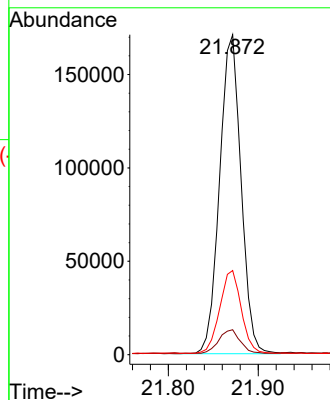
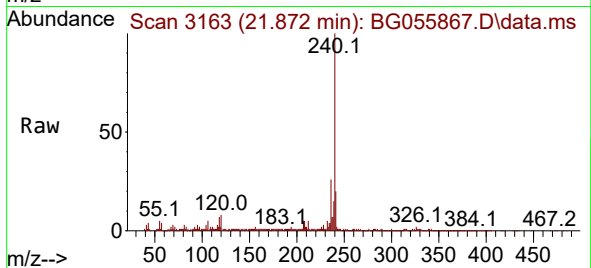
Tgt Ion:240 Resp: 282704

Ion Ratio Lower Upper

240 100

120 7.8 6.3 9.5

236 26.3 21.9 32.9



#78

Pyrene

Concen: 3.235 ng

RT: 19.980 min Scan# 2841

Delta R.T. -0.000 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

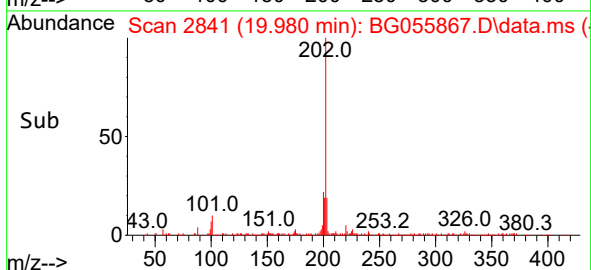
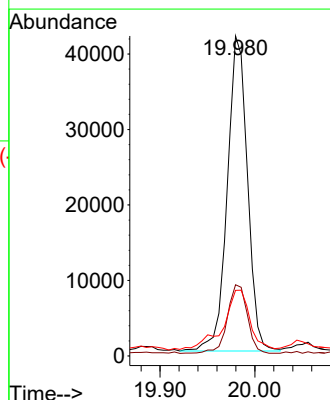
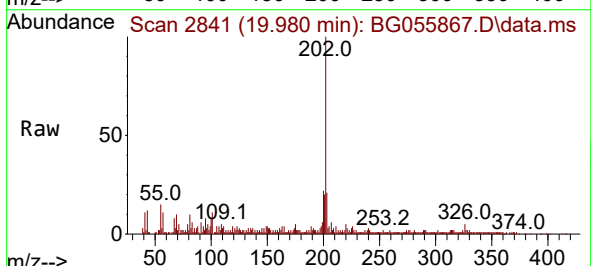
Tgt Ion:202 Resp: 61907

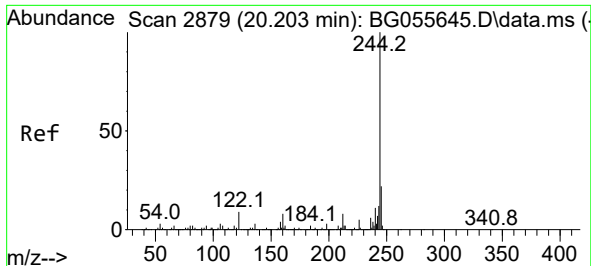
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 20.5 14.4 21.6

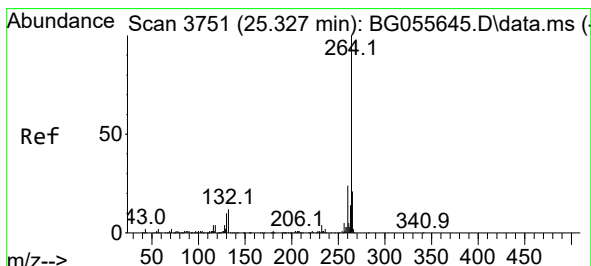
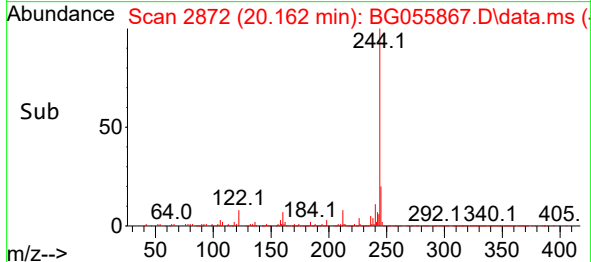
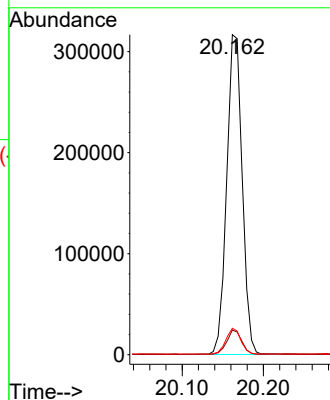
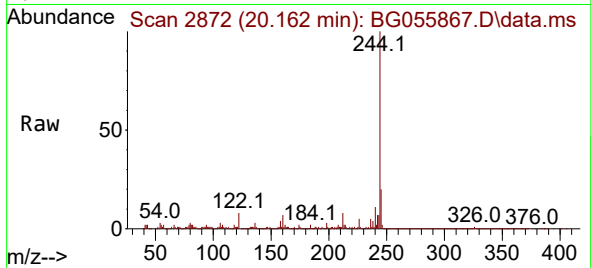




#79
 Terphenyl-d14
 Concen: 29.731 ng
 RT: 20.162 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055867.D
 Acq: 1 Dec 2022 22:46

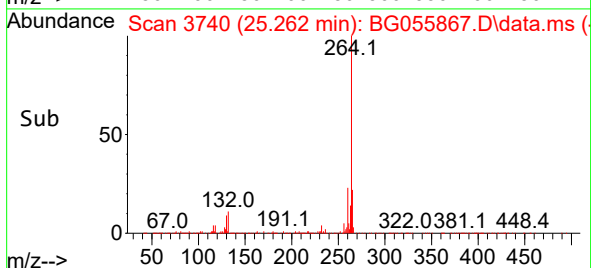
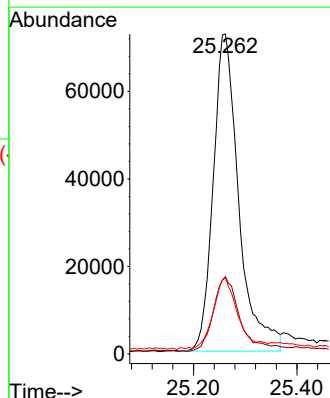
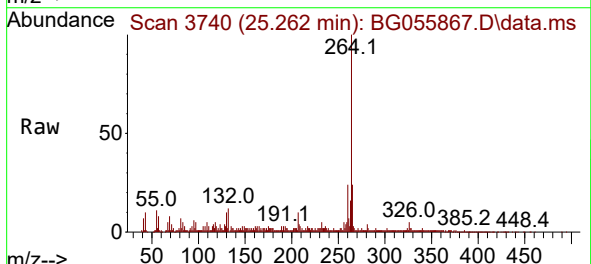
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-113022

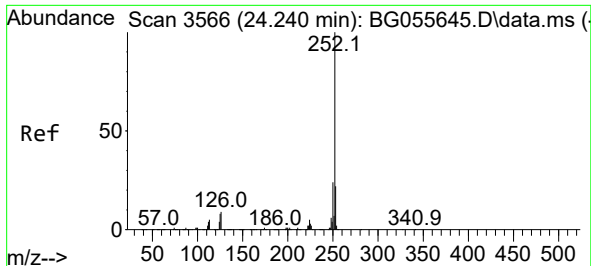
Tgt Ion:244 Resp: 420220
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.262 min Scan# 3740
 Delta R.T. 0.012 min
 Lab File: BG055867.D
 Acq: 1 Dec 2022 22:46

Tgt Ion:264 Resp: 249048
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 23.7 17.1 25.7

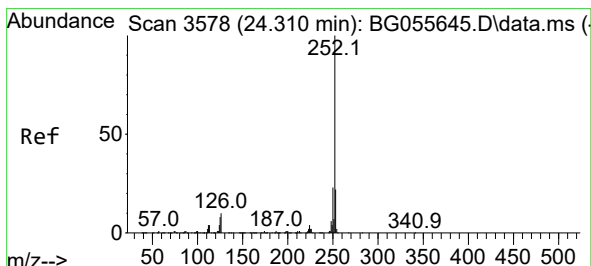
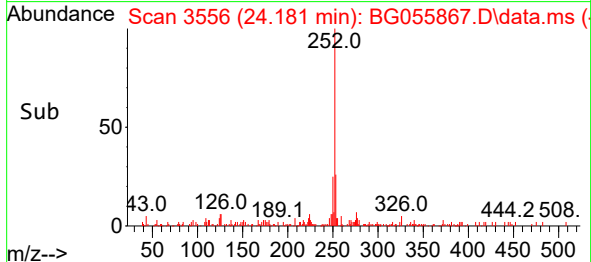
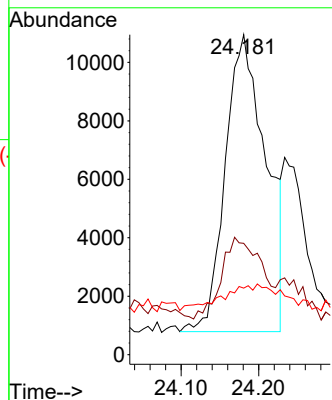
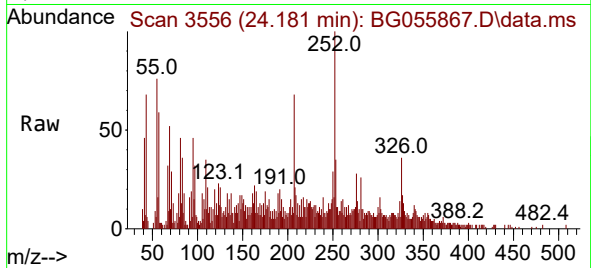




#88
Benzo(b)fluoranthene
Concen: 2.278 ng
RT: 24.181 min Scan# 3556
Delta R.T. 0.012 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Instrument :
BNA_G
ClientSampleId :
TR-04-113022

Tgt Ion:252 Resp: 36947
Ion Ratio Lower Upper
252 100
253 34.8 18.0 27.0#
125 20.8 6.2 9.2#



#89
Benzo(k)fluoranthene
Concen: 2.285 ng
RT: 24.181 min Scan# 3556
Delta R.T. -0.059 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:252 Resp: 36947
Ion Ratio Lower Upper
252 100
253 34.8 17.8 26.6#
125 20.8 6.1 9.1#

