

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055497.D
 Acq On : 8 Nov 2022 4:28
 Operator : CG/JU
 Sample : N5415-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 06:07:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

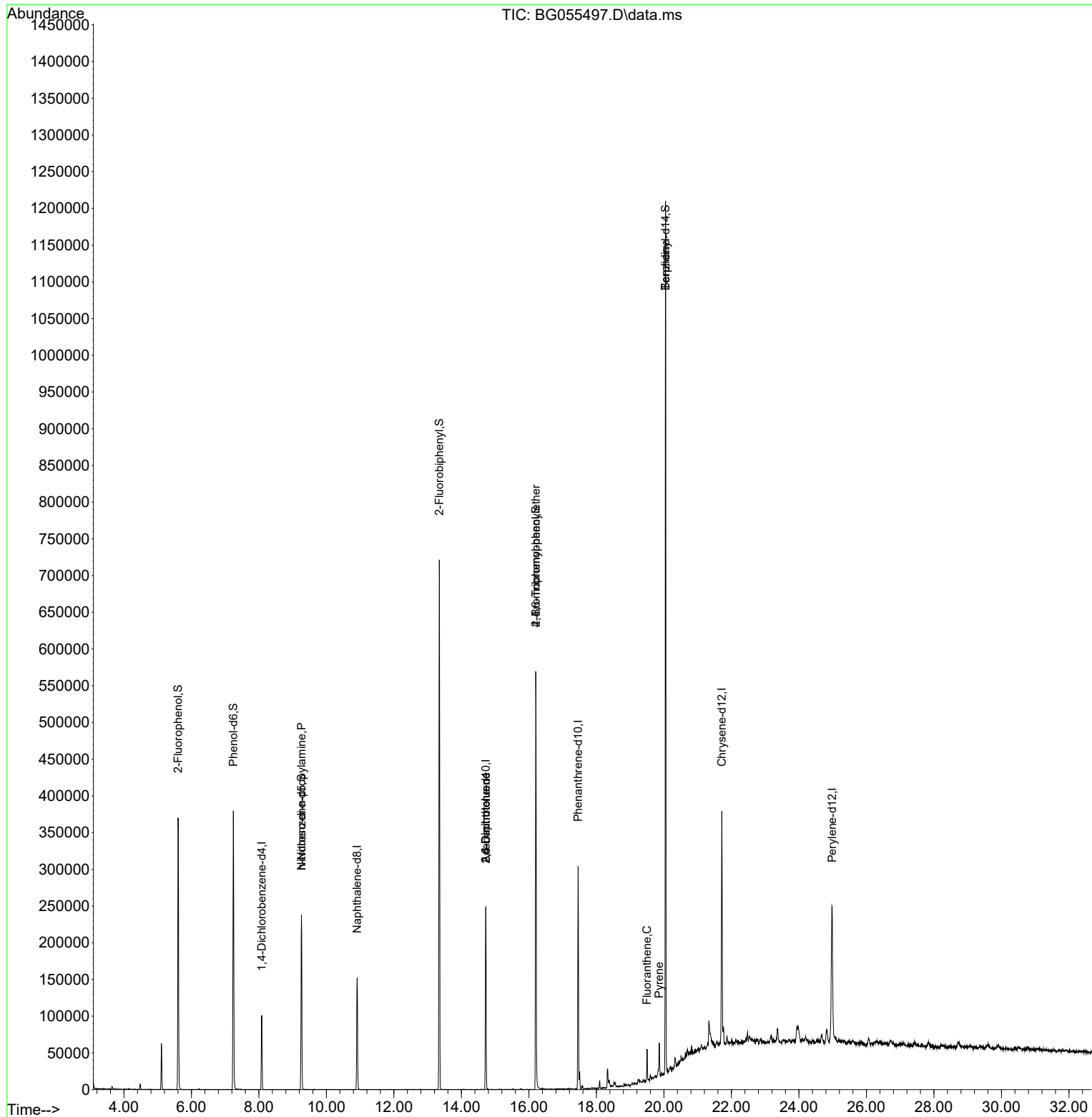
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	32159	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	141679	20.000	ng	# 0.00
39) Acenaphthene-d10	14.724	164	93522	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	196485	20.000	ng	0.00
76) Chrysene-d12	21.715	240	186757	20.000	ng	0.00
86) Perylene-d12	24.982	264	211706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	194032	108.353	ng	0.00
7) Phenol-d6	7.244	99	250925	101.045	ng	0.00
23) Nitrobenzene-d5	9.259	82	146838	55.236	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	141097	110.607	ng	-0.01
45) 2-Fluorobiphenyl	13.343	172	407626	64.623	ng	0.00
79) Terphenyl-d14	20.047	244	600231	62.497	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.259	70	18662	9.617	ng	# 73
51) 2,6-Dinitrotoluene	14.718	165	12572	7.693	ng	# 27
57) 2,4-Dinitrotoluene	14.718	165	12572	5.380	ng	# 25
67) 4-Bromophenyl-phenylether	16.204	248	8134	3.502	ng	# 1
75) Fluoranthene	19.500	202	26971	2.029	ng	97
77) Benzidine	20.047	184	8033	2.066	ng	# 91
78) Pyrene	19.859	202	28264	2.145	ng	97

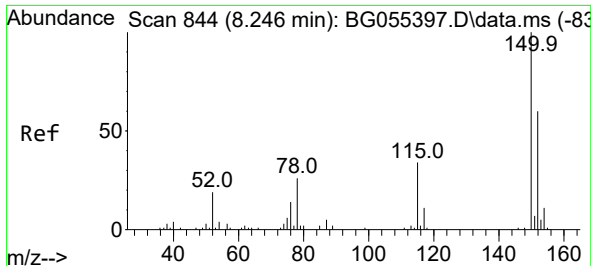
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055497.D
Acq On : 8 Nov 2022 4:28
Operator : CG/JU
Sample : N5415-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

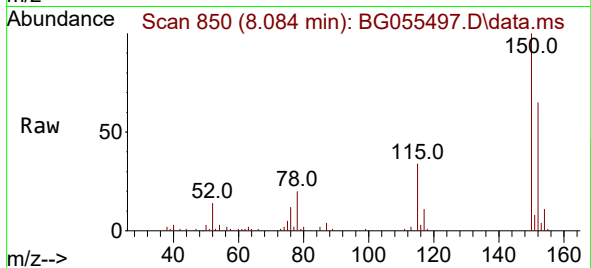
Quant Time: Nov 08 06:07:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration



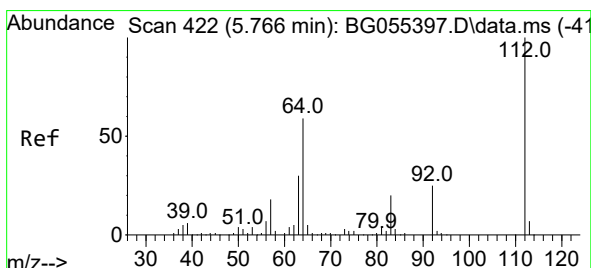
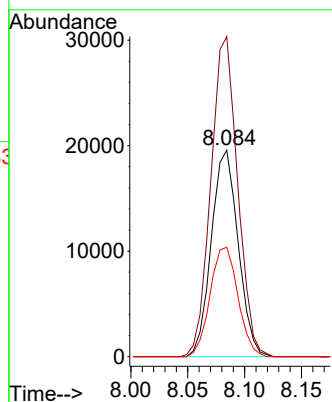
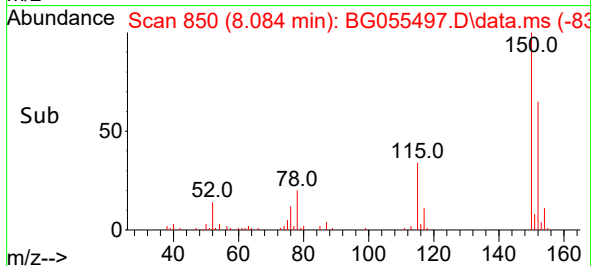


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

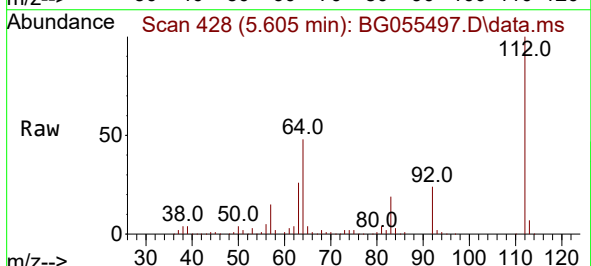
Instrument :
BNA_G
ClientSampleId :



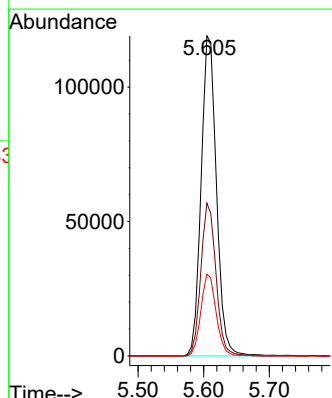
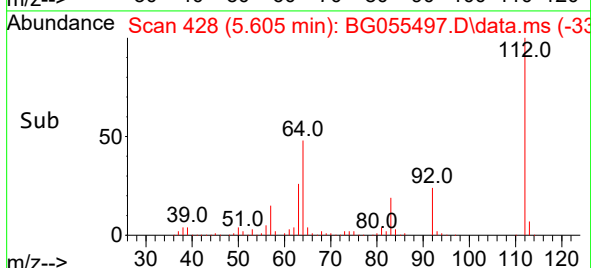
Tgt Ion:152 Resp: 32159
Ion Ratio Lower Upper
152 100
150 155.0 132.8 199.2
115 53.0 45.1 67.7

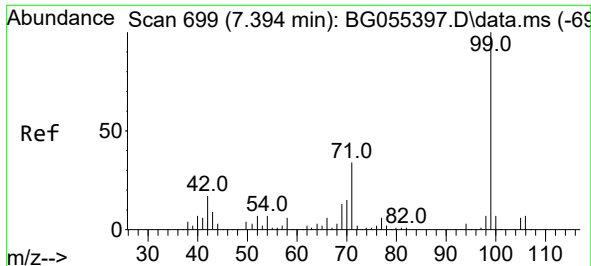


#5
2-Fluorophenol
Concen: 108.353 ng
RT: 5.605 min Scan# 428
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28



Tgt Ion:112 Resp: 194032
Ion Ratio Lower Upper
112 100
64 47.7 47.2 70.8
63 25.6 24.3 36.5

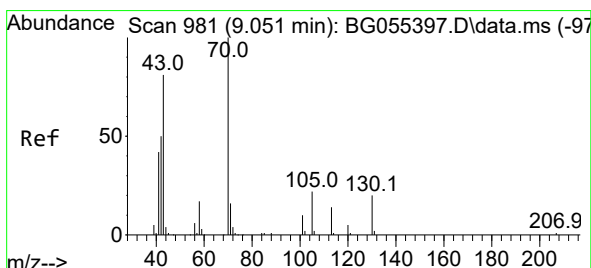
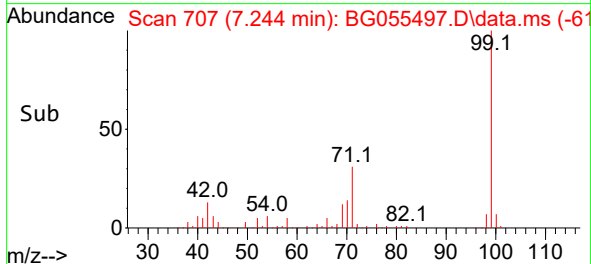
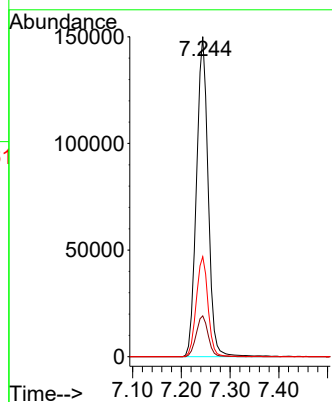
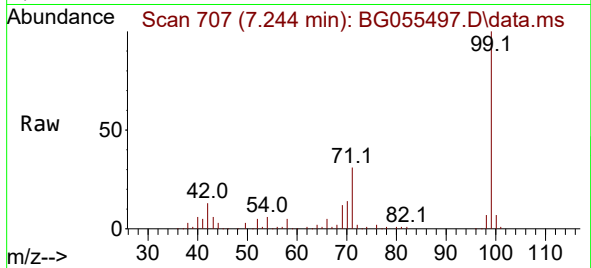




#7
Phenol-d6
Concen: 101.045 ng
RT: 7.244 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

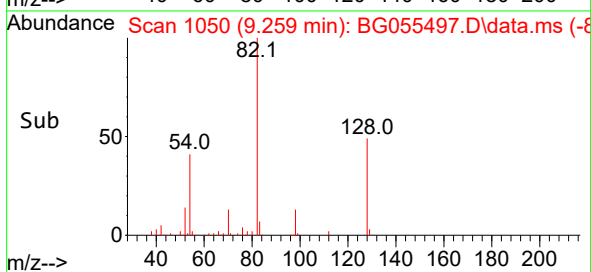
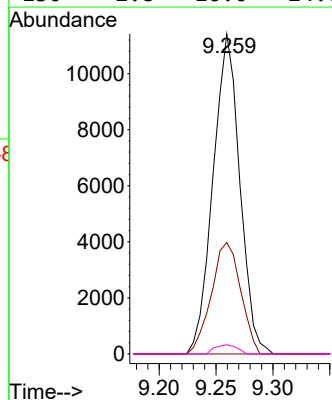
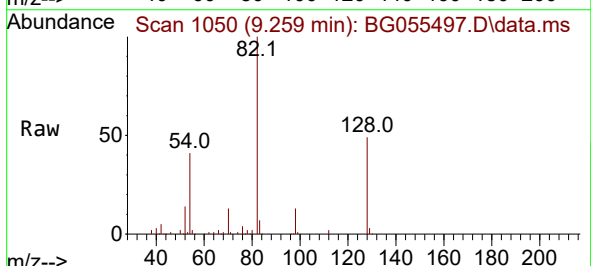
Instrument :
BNA_G
ClientSampleId :

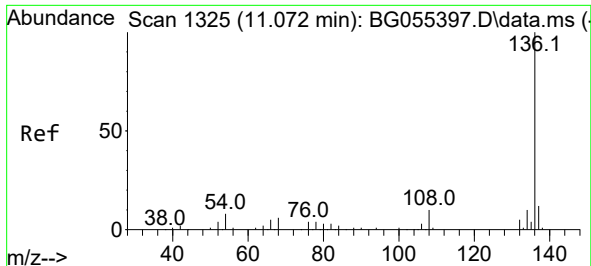
Tgt Ion: 99 Resp: 250925
Ion Ratio Lower Upper
99 100
42 12.8 13.5 20.3#
71 31.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.617 ng
RT: 9.259 min Scan# 1050
Delta R.T. 0.360 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

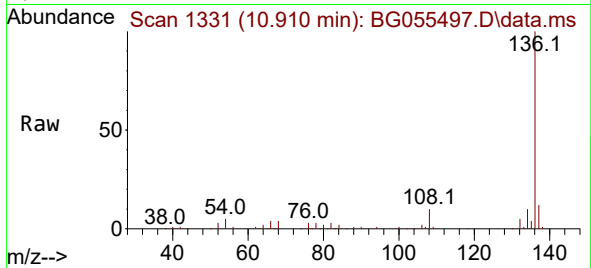
Tgt Ion: 70 Resp: 18662
Ion Ratio Lower Upper
70 100
42 34.8 40.6 61.0#
101 0.0 7.8 11.6#
130 2.8 16.0 24.0#



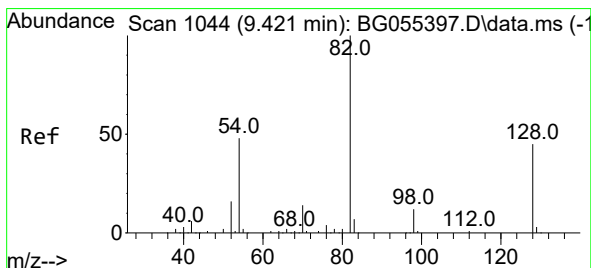
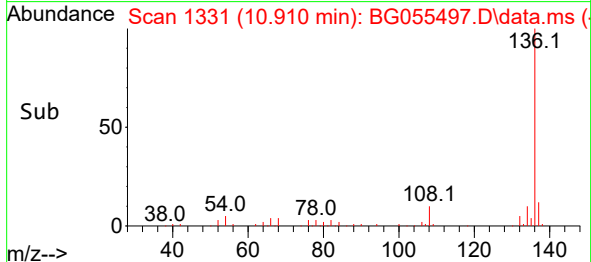
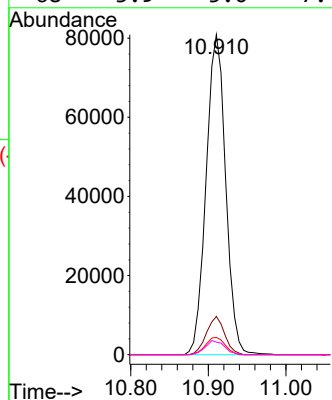


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Instrument :
BNA_G
ClientSampleId :

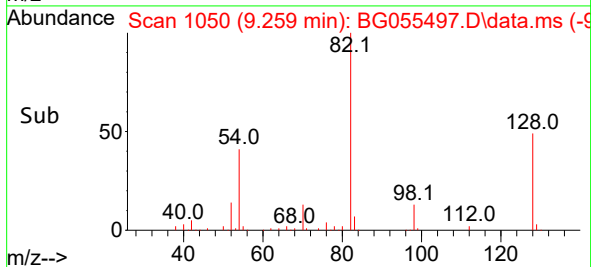
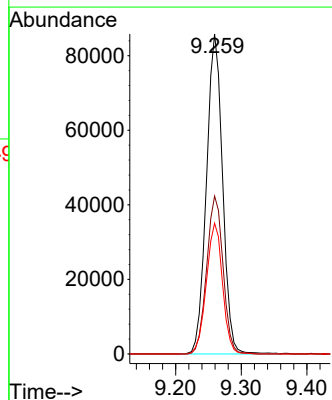
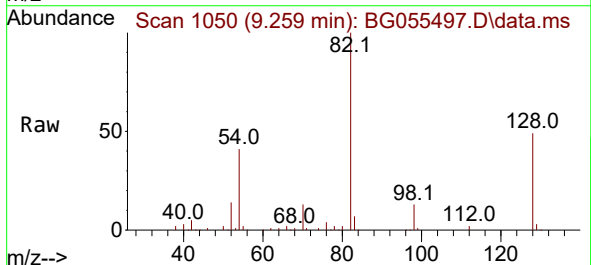


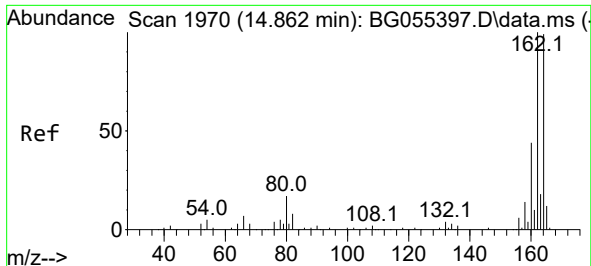
Tgt Ion:136 Resp: 141679
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 5.4 6.1 9.1#
68 3.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 55.236 ng
RT: 9.259 min Scan# 1050
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

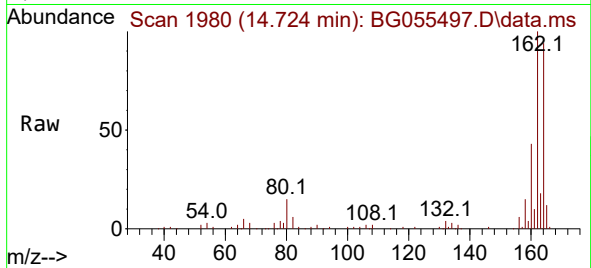
Tgt Ion: 82 Resp: 146838
Ion Ratio Lower Upper
82 100
128 49.4 35.8 53.8
54 40.8 38.1 57.1



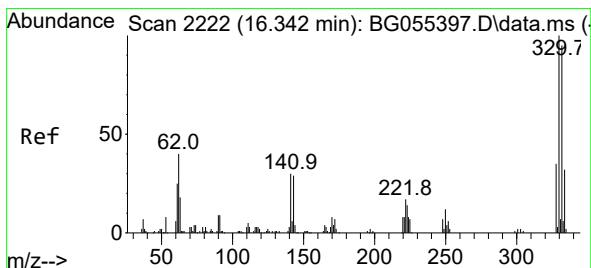
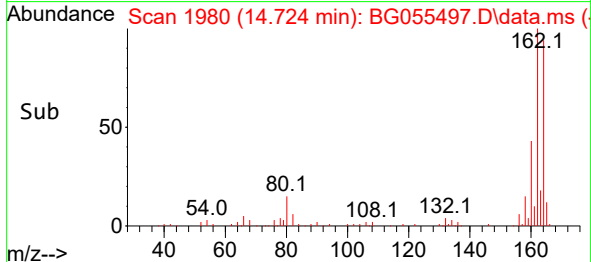
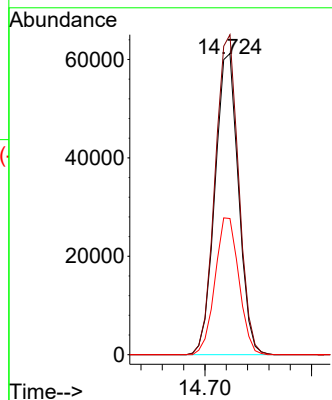


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.724 min Scan# 1970
 Delta R.T. -0.004 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

Instrument :
 BNA_G
 ClientSampleId :

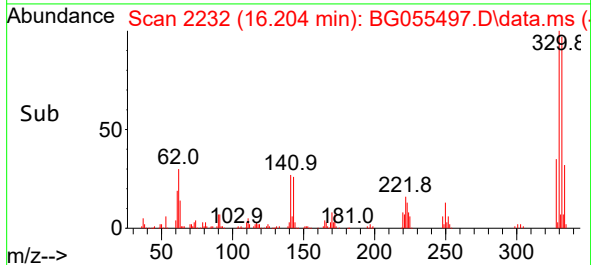
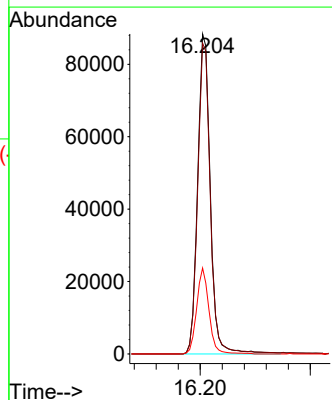
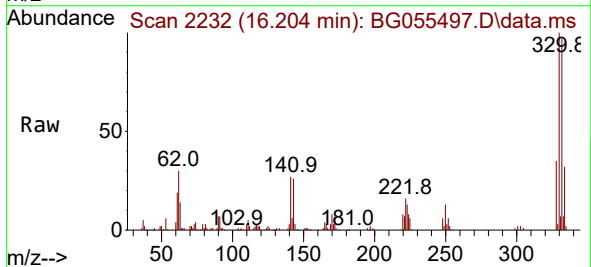


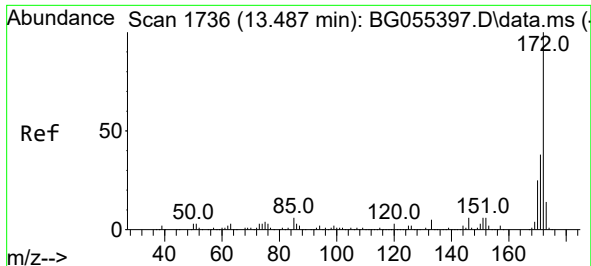
Tgt Ion:164 Resp: 93522
 Ion Ratio Lower Upper
 164 100
 162 106.2 81.1 121.7
 160 45.2 35.8 53.6



#42
 2,4,6-Tribromophenol
 Concen: 110.607 ng
 RT: 16.204 min Scan# 2232
 Delta R.T. -0.010 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

Tgt Ion:330 Resp: 141097
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 26.0 24.2 36.2

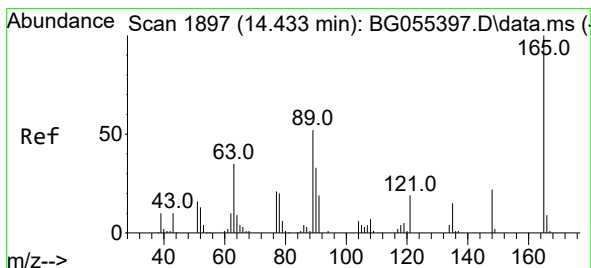
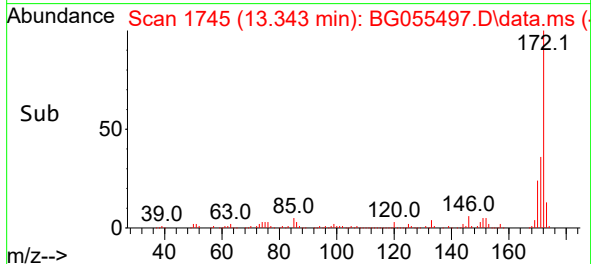
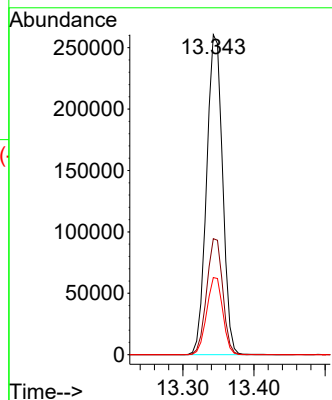
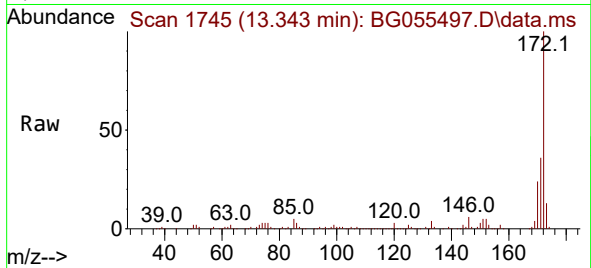




#45
2-Fluorobiphenyl
Concen: 64.623 ng
RT: 13.343 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

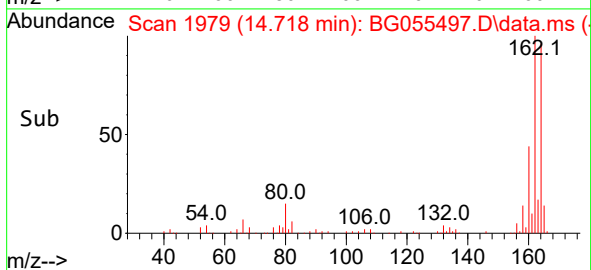
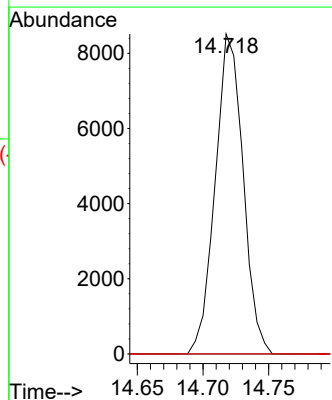
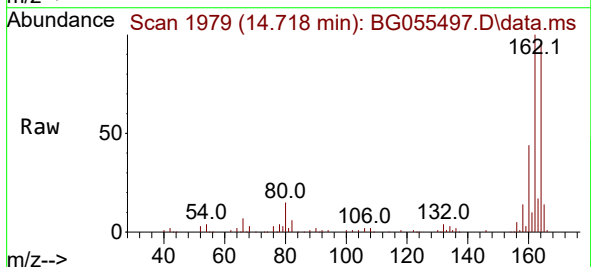
Instrument :
BNA_G
ClientSampleId :

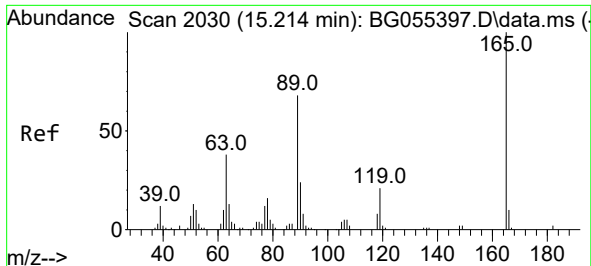
Tgt Ion:172 Resp: 407626
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.2
170 24.1 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.693 ng
RT: 14.718 min Scan# 1979
Delta R.T. 0.419 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion:165 Resp: 12572
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.380 ng

RT: 14.718 min Scan# 1979

Delta R.T. -0.374 min

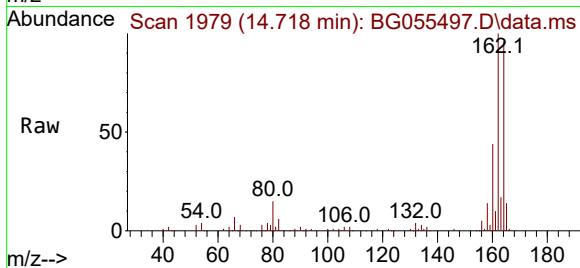
Lab File: BG055497.D

Acq: 8 Nov 2022 4:28

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 12572

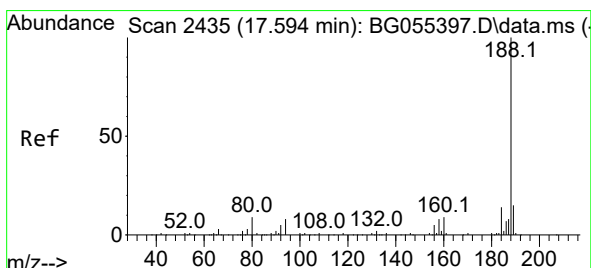
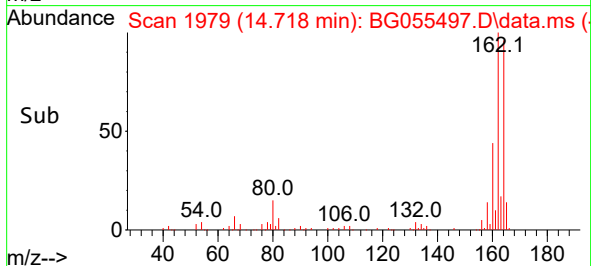
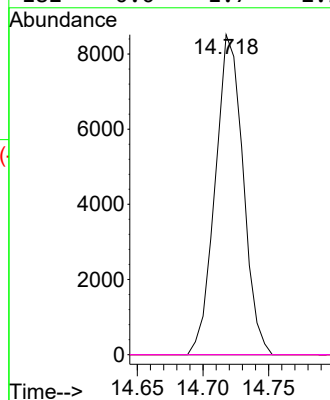
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.456 min Scan# 2445

Delta R.T. -0.010 min

Lab File: BG055497.D

Acq: 8 Nov 2022 4:28

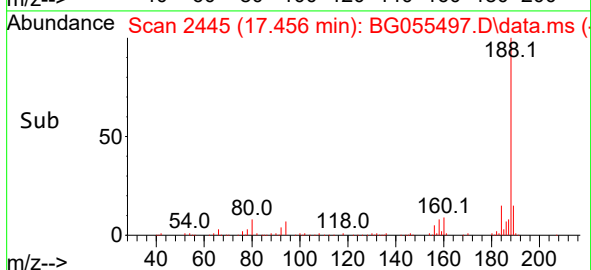
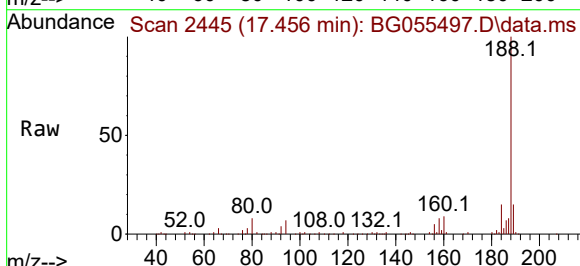
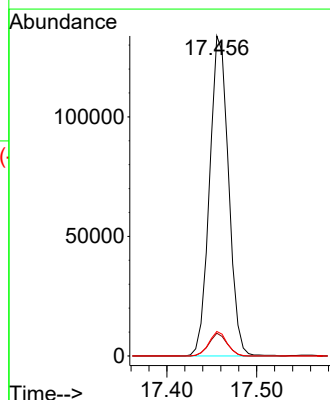
Tgt Ion:188 Resp: 196485

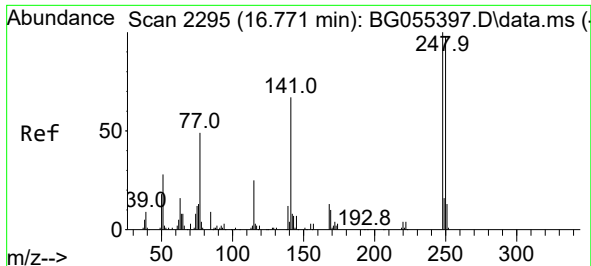
Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

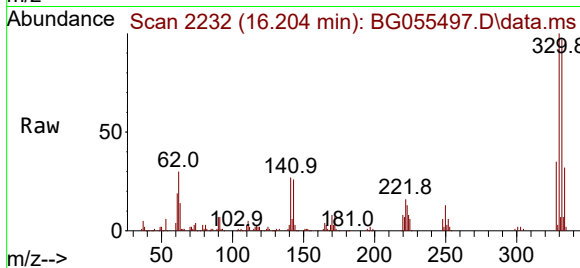
80 7.7 7.4 11.0



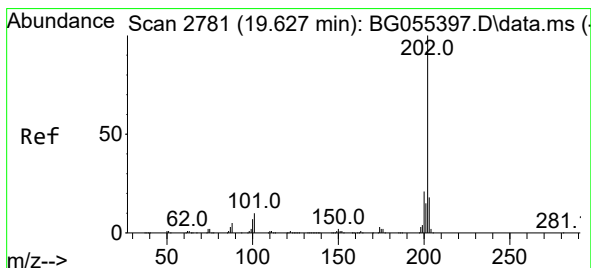
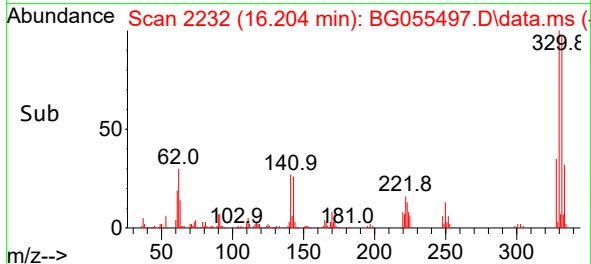
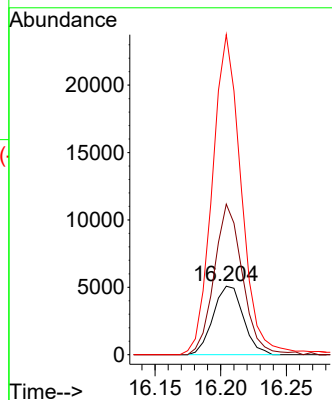


#67
4-Bromophenyl-phenylether
Concen: 3.502 ng
RT: 16.204 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Instrument :
BNA_G
ClientSampleId :

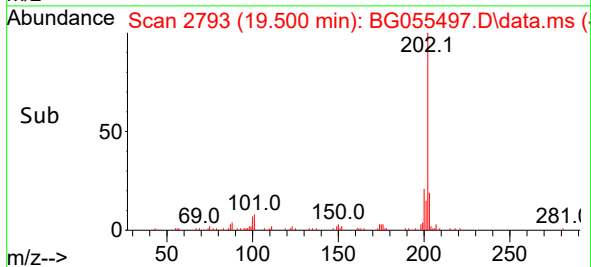
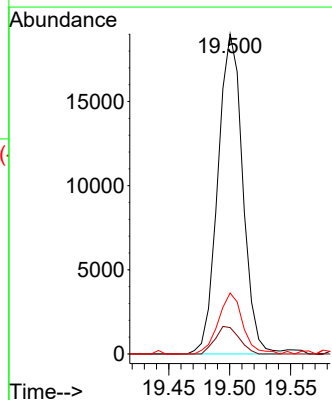
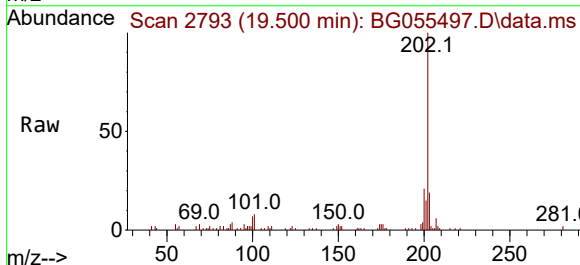


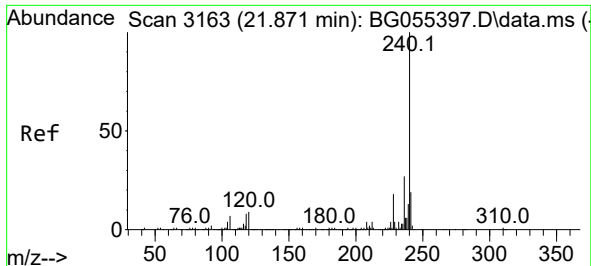
Tgt Ion:248 Resp: 8134
Ion Ratio Lower Upper
248 100
250 219.7 78.3 117.5#
141 466.9 53.7 80.5#



#75
Fluoranthene
Concen: 2.029 ng
RT: 19.500 min Scan# 2793
Delta R.T. -0.004 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

Tgt Ion:202 Resp: 26971
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.8
203 19.1 0.0 38.1

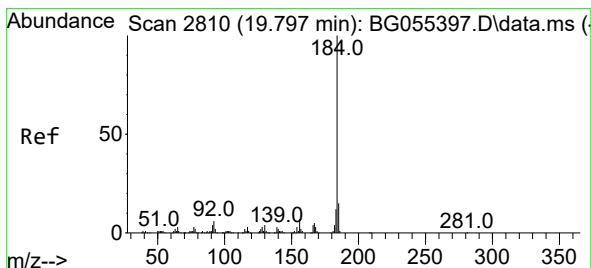
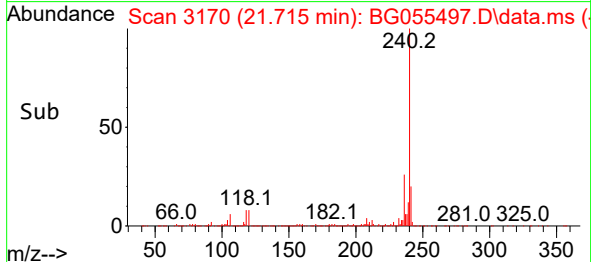
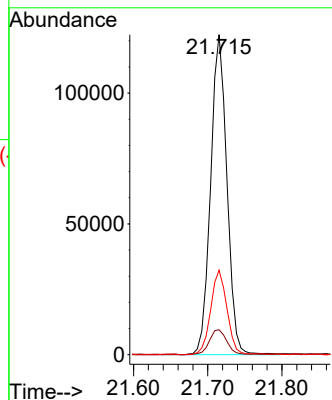
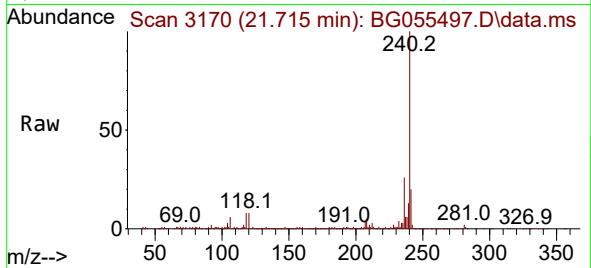




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

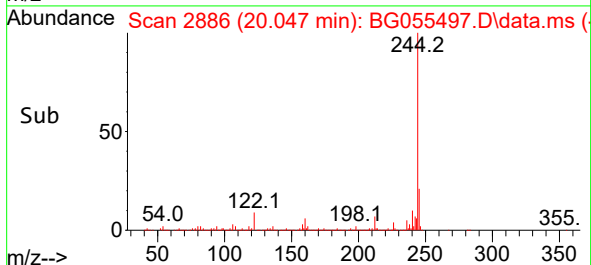
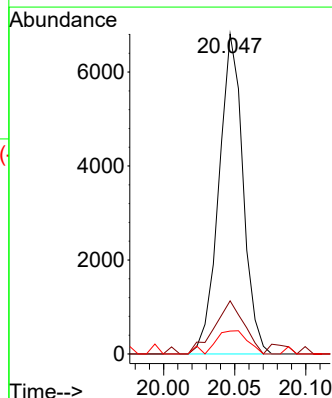
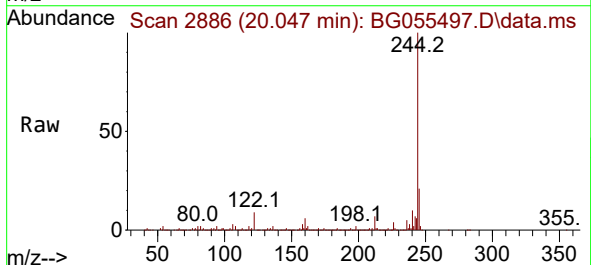
Instrument :
BNA_G
ClientSampleId :

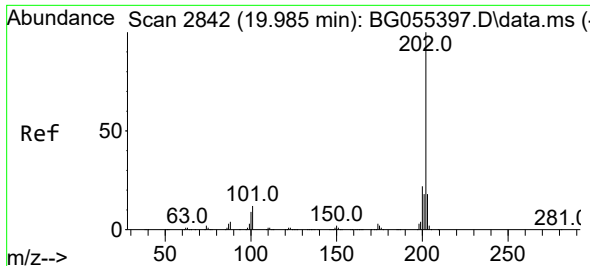
Tgt Ion:240 Resp: 186757
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 26.4 21.5 32.3



#77
Benzidine
Concen: 2.066 ng
RT: 20.047 min Scan# 2886
Delta R.T. 0.366 min
Lab File: BG055497.D
Acq: 8 Nov 2022 4:28

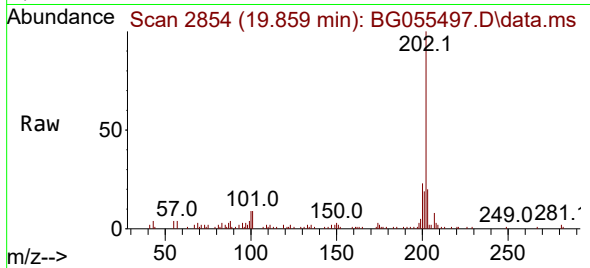
Tgt Ion:184 Resp: 8033
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 7.2 9.8 14.8#



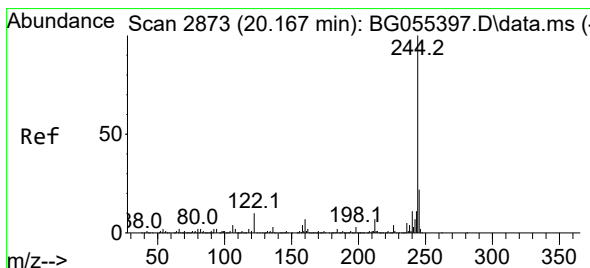
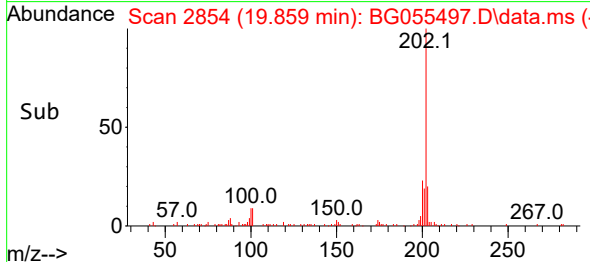
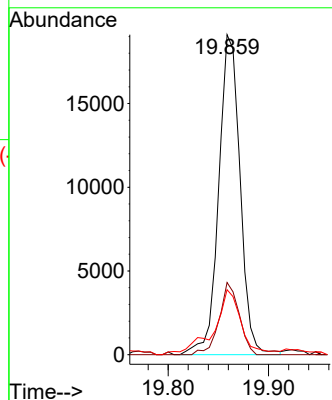


#78
 Pyrene
 Concen: 2.145 ng
 RT: 19.859 min Scan# 2854
 Delta R.T. -0.010 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

Instrument :
 BNA_G
 ClientSampleId :

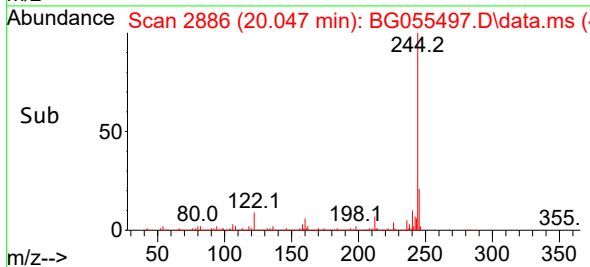
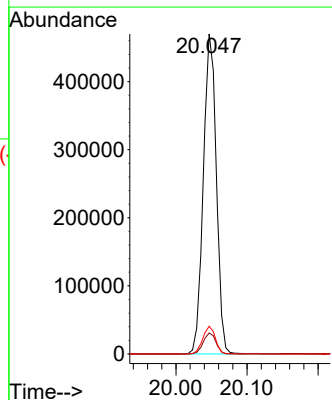
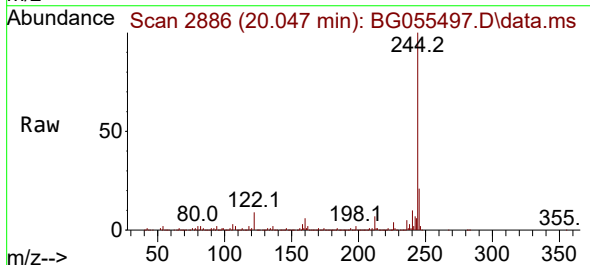


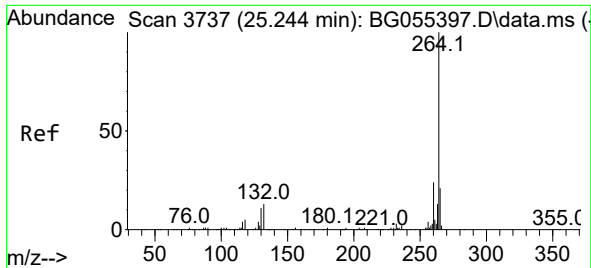
Tgt Ion:202 Resp: 28264
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.4 26.2
 203 20.3 14.7 22.1



#79
 Terphenyl-d14
 Concen: 62.497 ng
 RT: 20.047 min Scan# 2886
 Delta R.T. -0.004 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

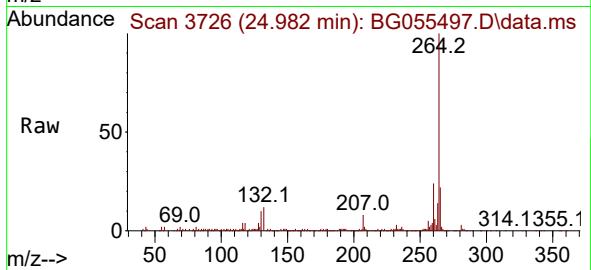
Tgt Ion:244 Resp: 600231
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.6 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.982 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG055497.D
 Acq: 8 Nov 2022 4:28

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 211706
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 22.1 17.1 25.7

