

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055492.D
 Acq On : 8 Nov 2022 1:01
 Operator : CG/JU
 Sample : N5415-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 03:55:45 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)

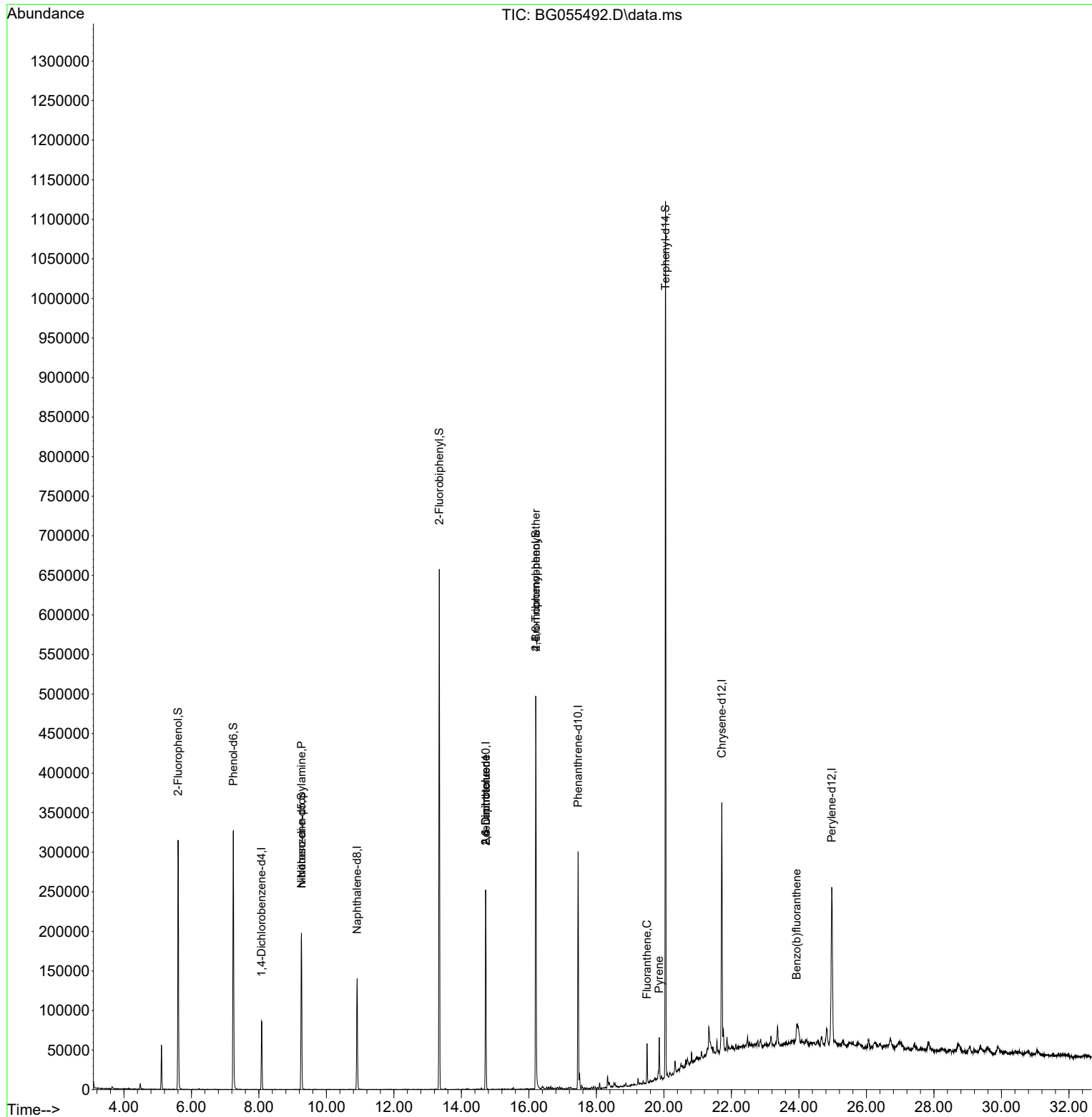
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	28156	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	129961	20.000	ng	# 0.00
39) Acenaphthene-d10	14.717	164	91605	20.000	ng	-0.01
64) Phenanthrene-d10	17.455	188	198541	20.000	ng	-0.01
76) Chrysene-d12	21.715	240	192894	20.000	ng	-0.01
86) Perylene-d12	24.970	264	217256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	162440	103.608	ng	0.00
7) Phenol-d6	7.244	99	220209	101.283	ng	0.00
23) Nitrobenzene-d5	9.259	82	124415	51.021	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	127386	101.948	ng	-0.01
45) 2-Fluorobiphenyl	13.343	172	355661	57.565	ng	0.00
79) Terphenyl-d14	20.047	244	578340	58.302	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.259	70	16055	9.450	ng	# 72
51) 2,6-Dinitrotoluene	14.717	165	12085	7.549	ng	# 27
57) 2,4-Dinitrotoluene	14.717	165	12085	5.280	ng	# 25
67) 4-Bromophenyl-phenylether	16.204	248	7500	3.196	ng	# 1
75) Fluoranthene	19.500	202	31272	2.328	ng	97
78) Pyrene	19.859	202	31028	2.280	ng	99
88) Benzo(b)fluoranthene	23.930	252	28354	2.055	ng	# 90

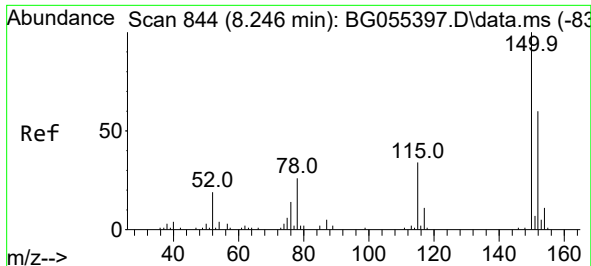
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055492.D
Acq On : 8 Nov 2022 1:01
Operator : CG/JU
Sample : N5415-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

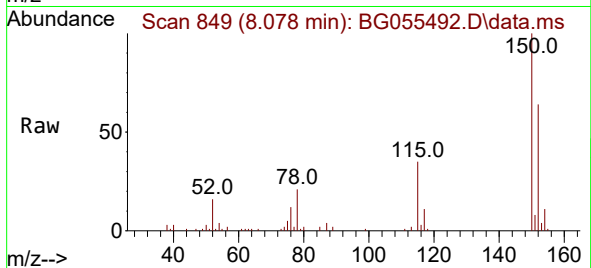
Quant Time: Nov 08 03:55:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration



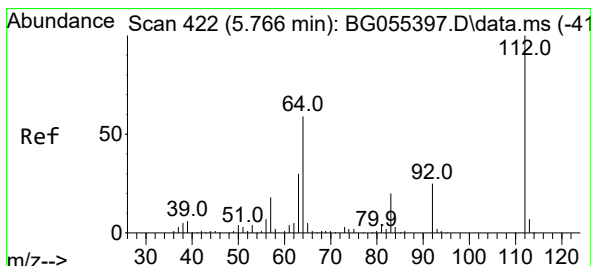
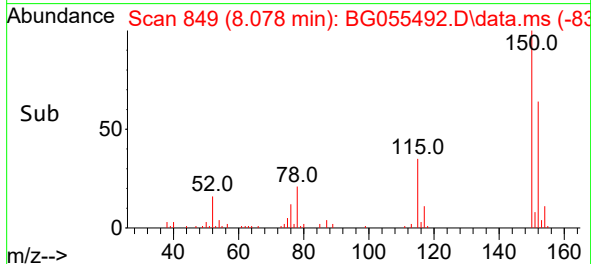
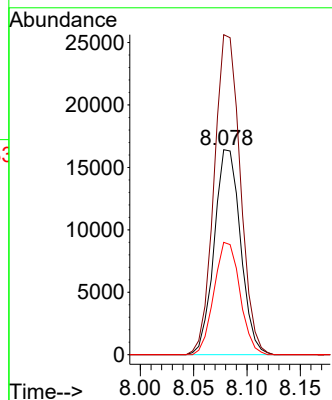


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 844
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Instrument :
BNA_G
ClientSampleId :

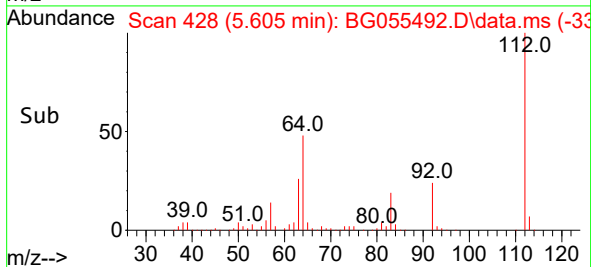
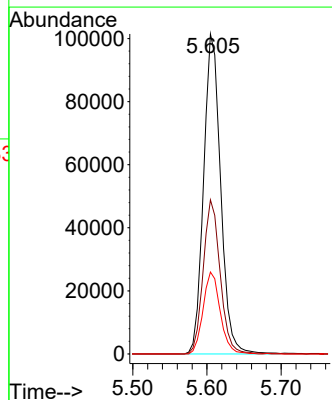
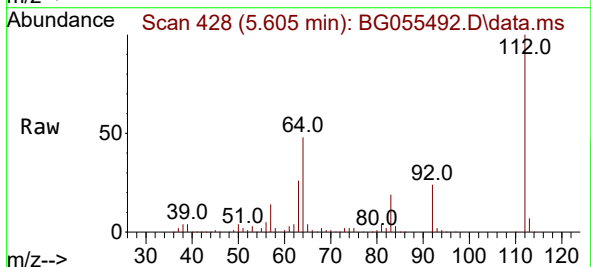


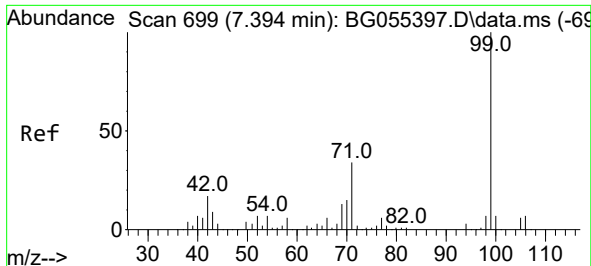
Tgt Ion:152 Resp: 28156
Ion Ratio Lower Upper
152 100
150 156.1 132.8 199.2
115 54.8 45.1 67.7



#5
2-Fluorophenol
Concen: 103.608 ng
RT: 5.605 min Scan# 428
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:112 Resp: 162440
Ion Ratio Lower Upper
112 100
64 48.2 47.2 70.8
63 25.6 24.3 36.5

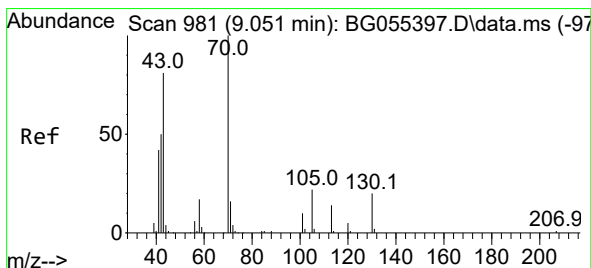
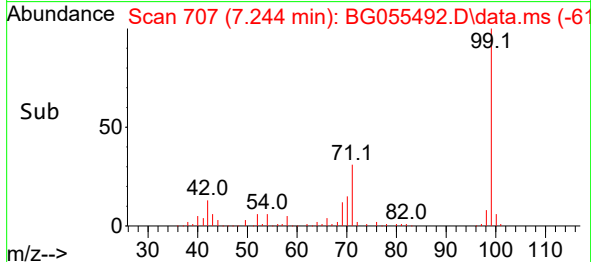
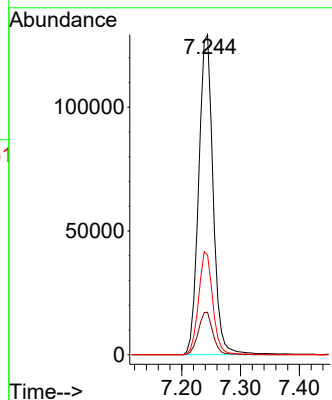
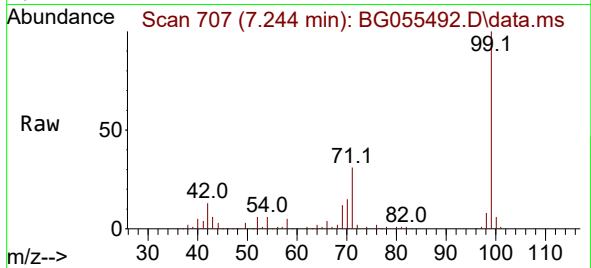




#7
Phenol-d6
Concen: 101.283 ng
RT: 7.244 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

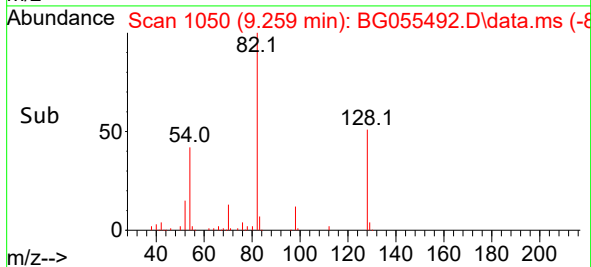
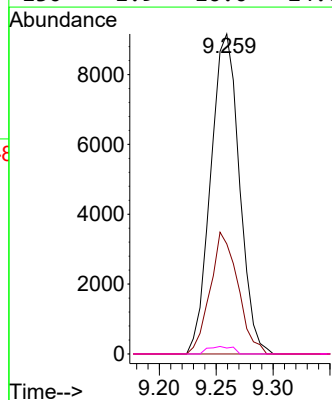
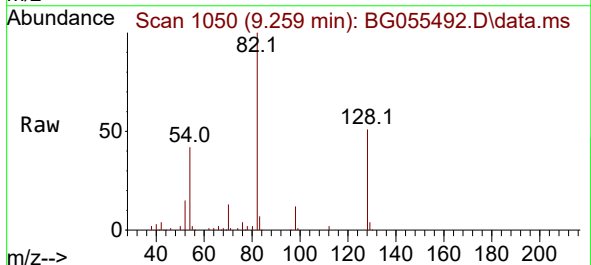
Instrument :
BNA_G
ClientSampleId :

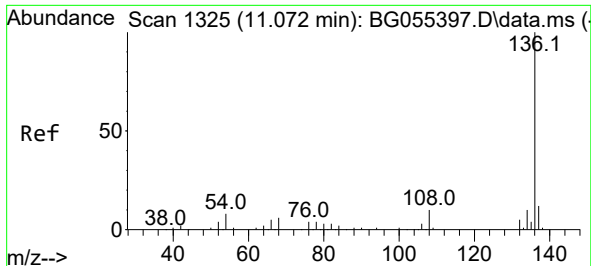
Tgt Ion: 99 Resp: 220209
Ion Ratio Lower Upper
99 100
42 13.3 13.5 20.3#
71 31.2 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.450 ng
RT: 9.259 min Scan# 1050
Delta R.T. 0.360 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

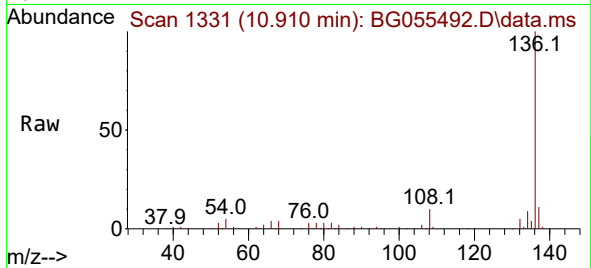
Tgt Ion: 70 Resp: 16055
Ion Ratio Lower Upper
70 100
42 34.4 40.6 61.0#
101 0.0 7.8 11.6#
130 1.9 16.0 24.0#



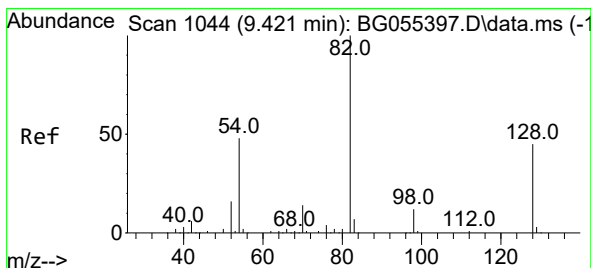
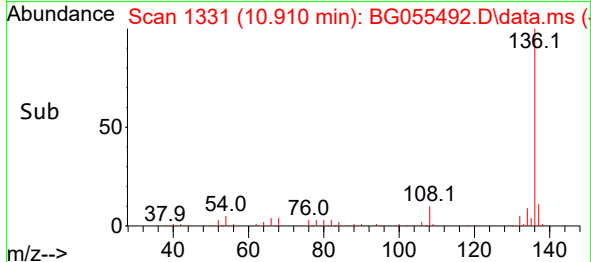
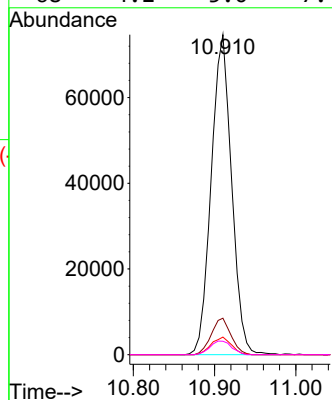


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Instrument :
BNA_G
ClientSampleId :

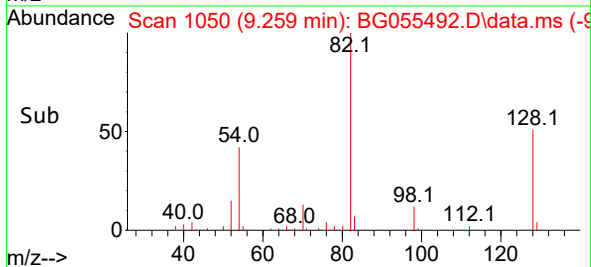
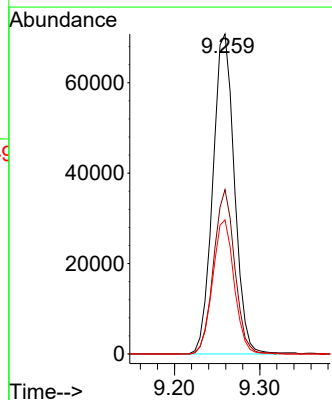
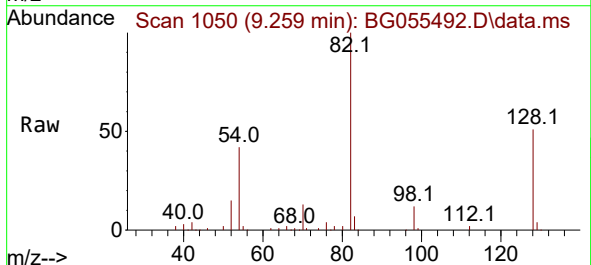


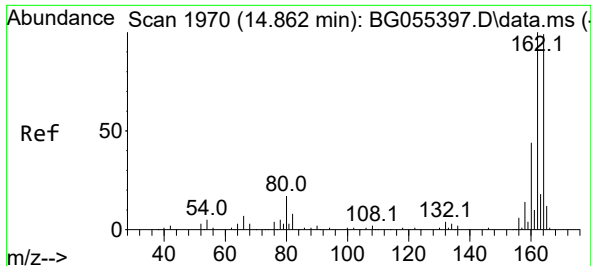
Tgt Ion:136 Resp: 129961
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 5.5 6.1 9.1#
68 4.2 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 51.021 ng
RT: 9.259 min Scan# 1050
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

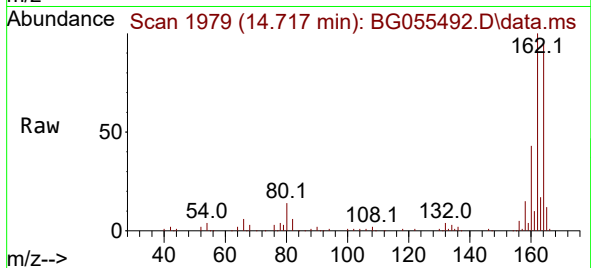
Tgt Ion: 82 Resp: 124415
Ion Ratio Lower Upper
82 100
128 51.3 35.8 53.8
54 41.9 38.1 57.1



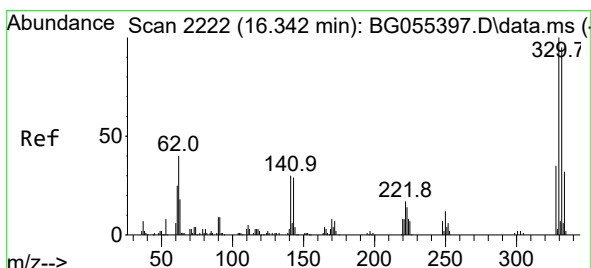
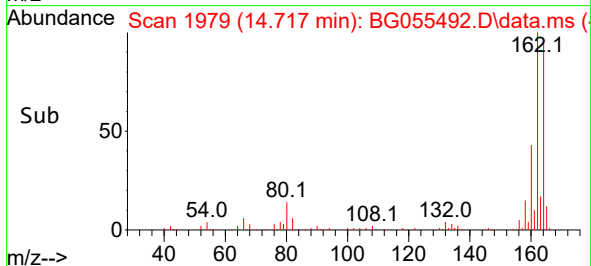
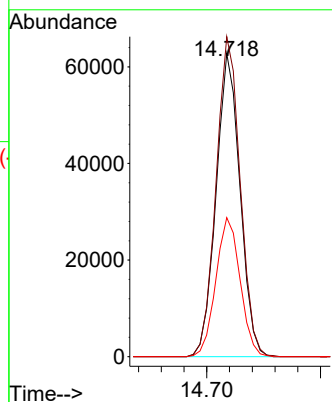


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1970
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Instrument :
BNA_G
ClientSampleId :

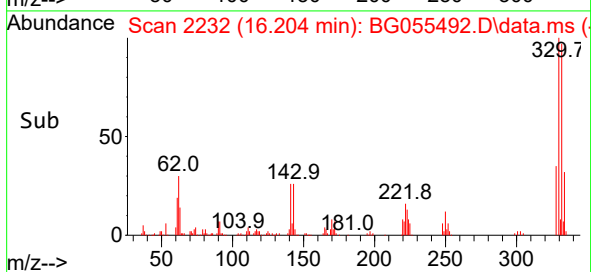
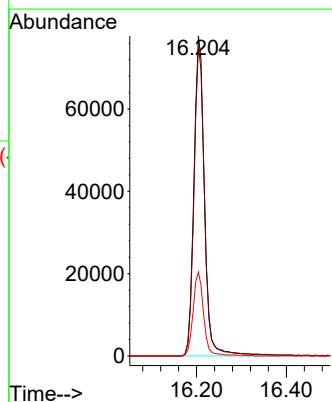
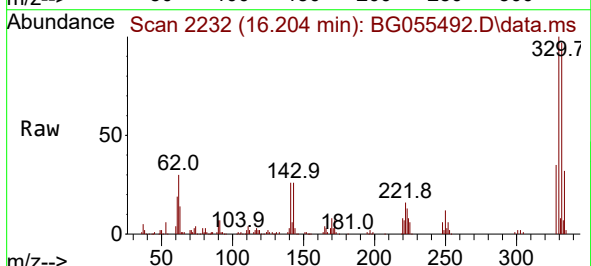


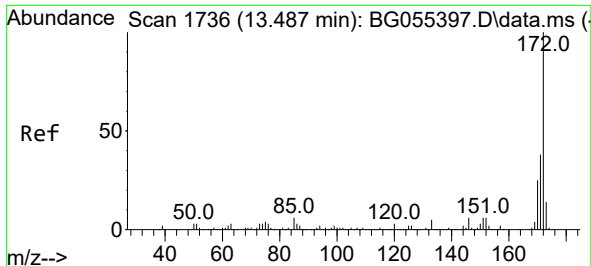
Tgt Ion:164 Resp: 91605
Ion Ratio Lower Upper
164 100
162 105.5 81.1 121.7
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 101.948 ng
RT: 16.204 min Scan# 2232
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:330 Resp: 127386
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 25.7 24.2 36.2

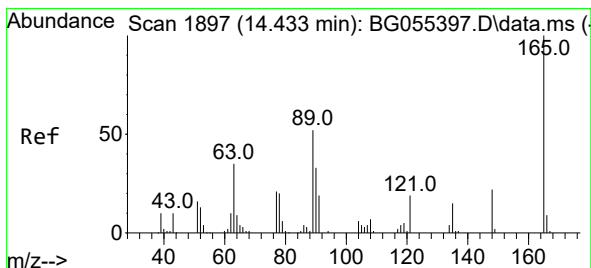
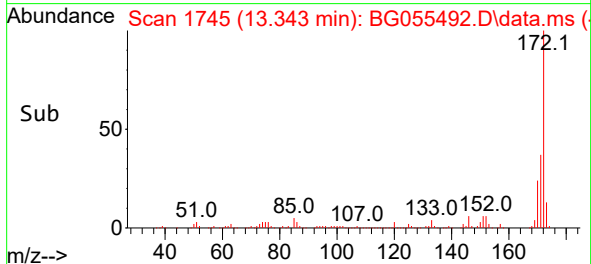
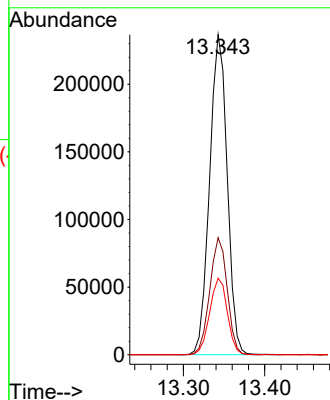
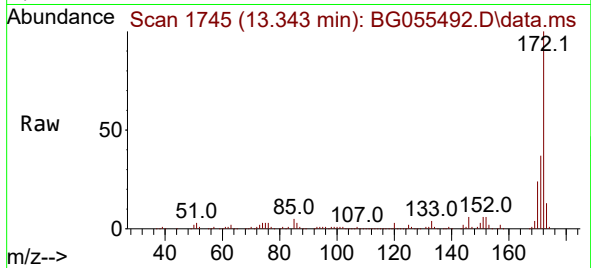




#45
2-Fluorobiphenyl
Concen: 57.565 ng
RT: 13.343 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

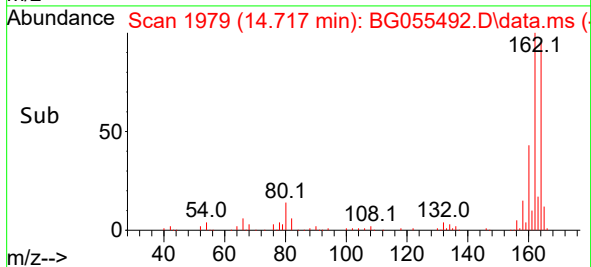
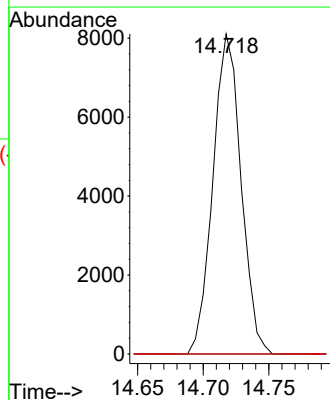
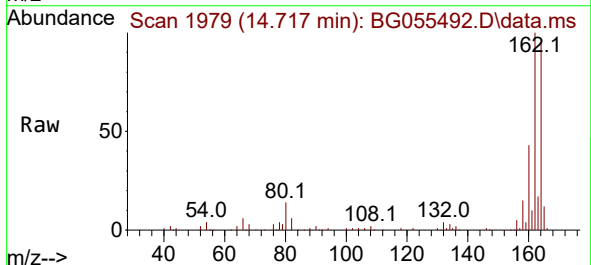
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BNA_G
ClientSampleId :

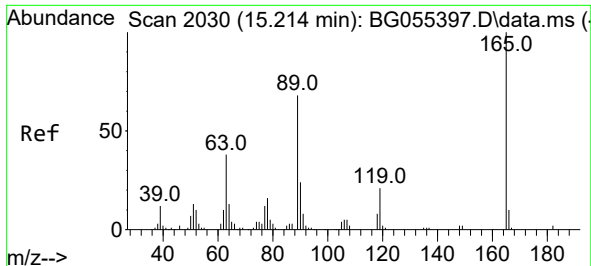
Tgt Ion:172 Resp: 355661
Ion Ratio Lower Upper
172 100
171 36.5 30.2 45.2
170 23.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.549 ng
RT: 14.717 min Scan# 1979
Delta R.T. 0.419 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:165 Resp: 12085
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: 5.280 ng

RT: 14.717 min Scan# 1979

Delta R.T. -0.374 min

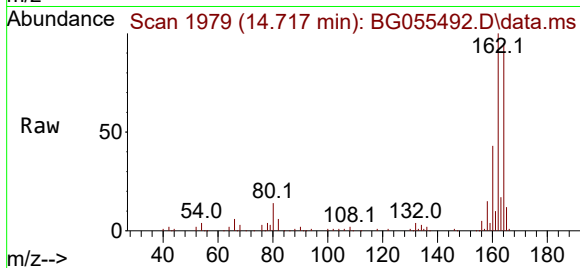
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Acq: 8 Nov 2022 1:01

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 12085

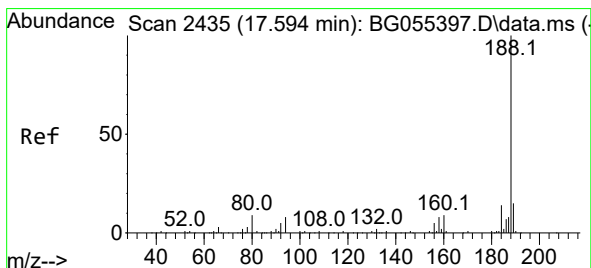
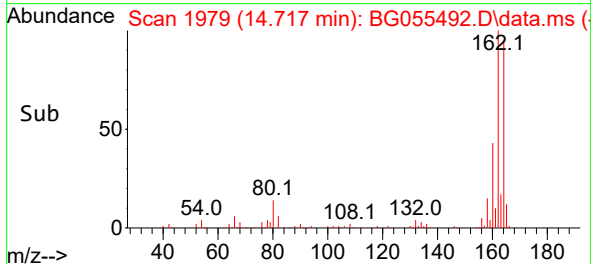
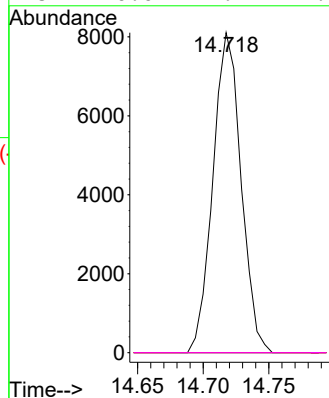
Ion Ratio Lower Upper

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: 17.455 min Scan# 2445

Delta R.T. -0.010 min

Lab File: BG055492.D

Acq: 8 Nov 2022 1:01

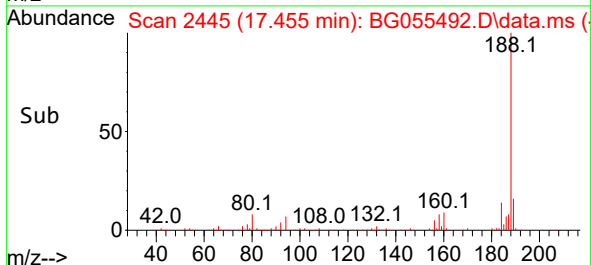
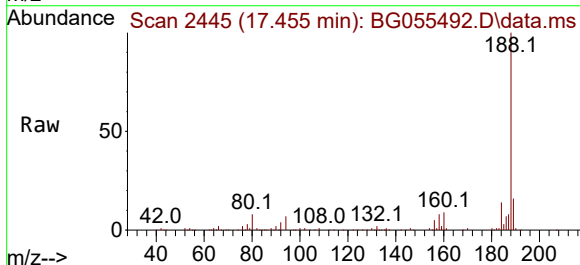
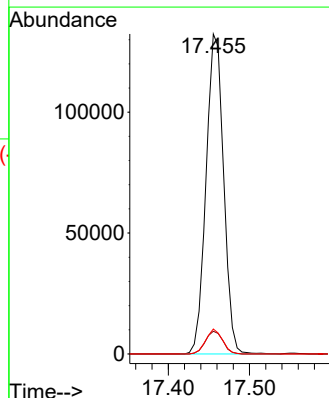
Tgt Ion:188 Resp: 198541

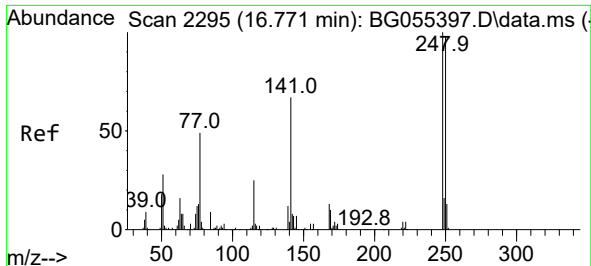
Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

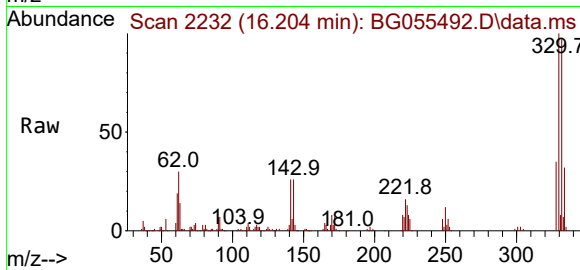
80 7.8 7.4 11.0



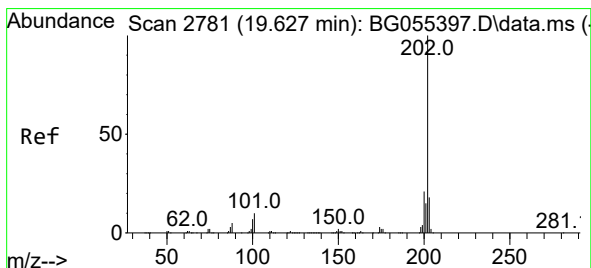
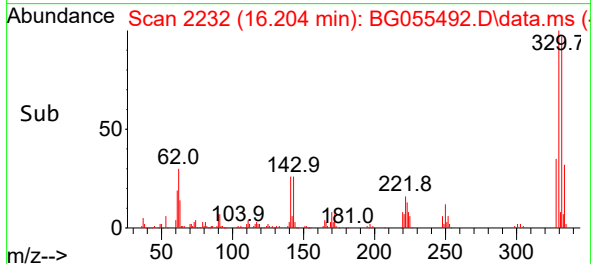
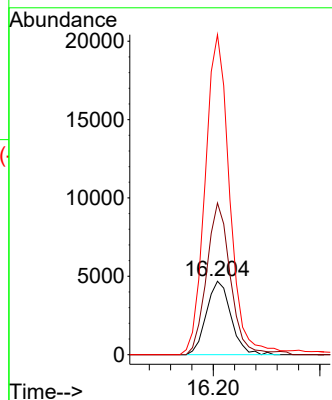


#67
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 16.204 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Instrument :
BNA_G
ClientSampleId :

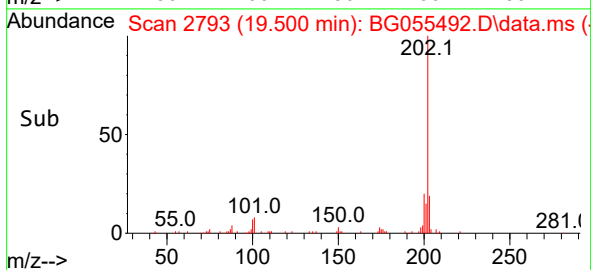
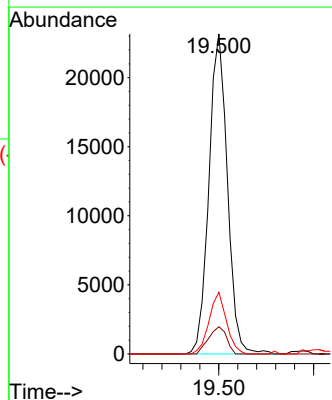
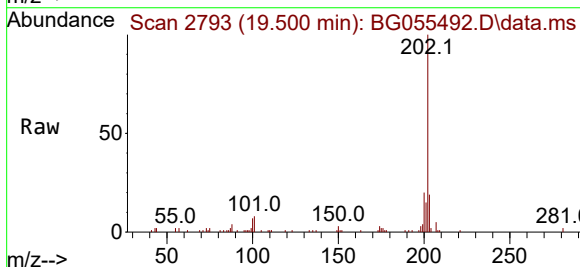


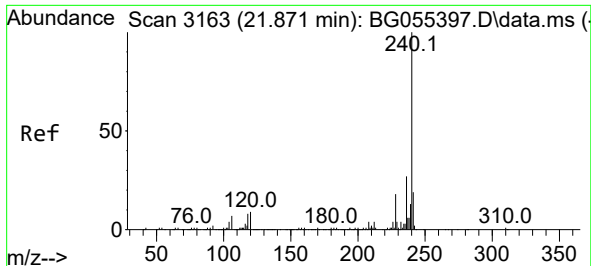
Tgt Ion:248 Resp: 7500
Ion Ratio Lower Upper
248 100
250 206.5 78.3 117.5#
141 435.5 53.7 80.5#



#75
Fluoranthene
Concen: 2.328 ng
RT: 19.500 min Scan# 2793
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:202 Resp: 31272
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.8
203 19.3 0.0 38.1

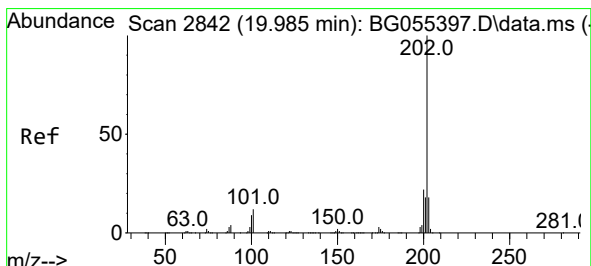
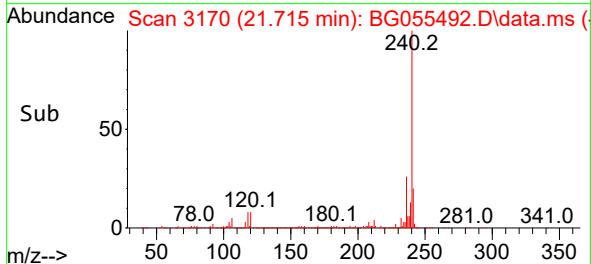
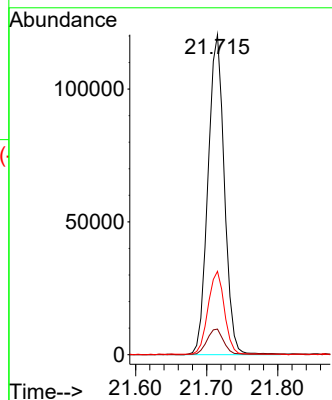
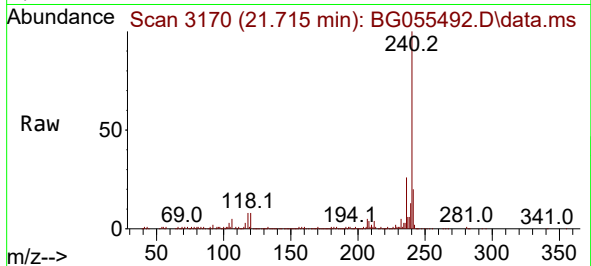




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

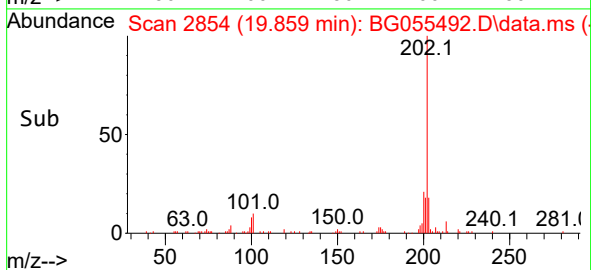
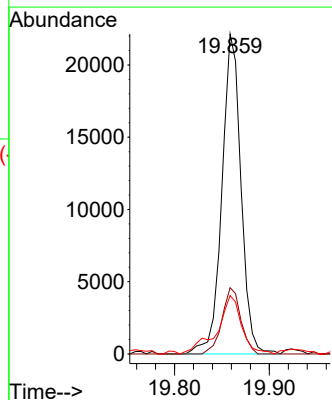
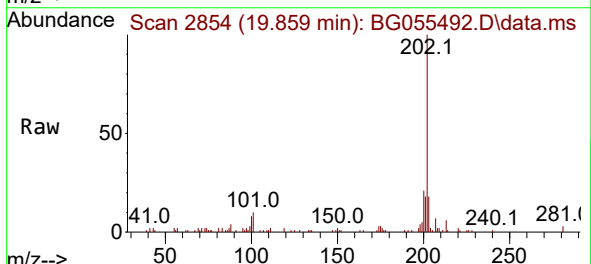
Instrument :
BNA_G
ClientSampleId :

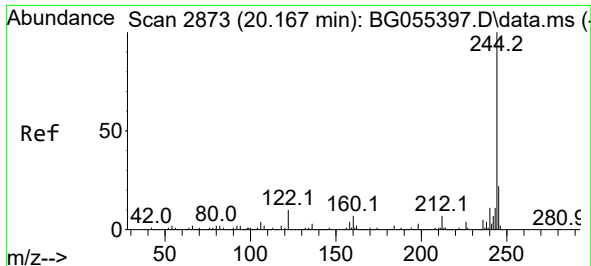
Tgt Ion:240 Resp: 192894
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.0 21.5 32.3



#78
Pyrene
Concen: 2.280 ng
RT: 19.859 min Scan# 2854
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

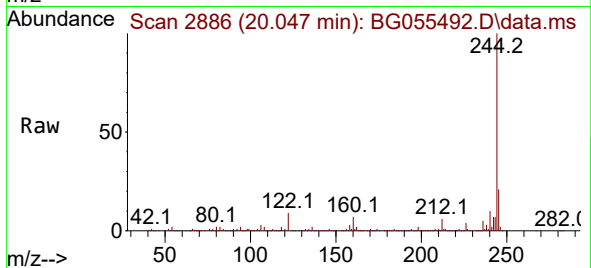
Tgt Ion:202 Resp: 31028
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 18.2 14.7 22.1



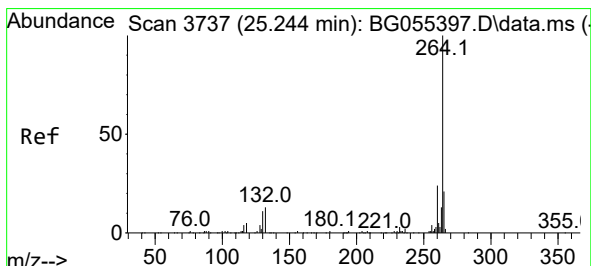
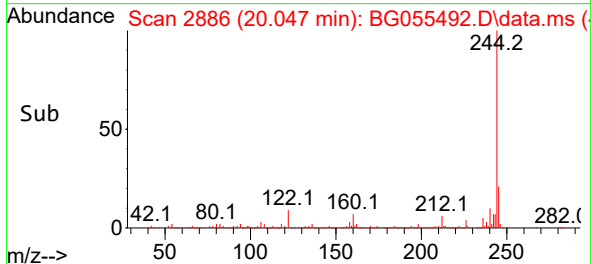
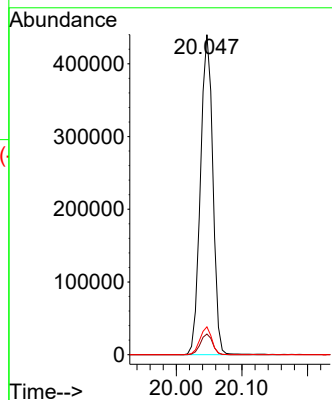


#79
 Terphenyl-d14
 Concen: 58.302 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055492.D
 Acq: 8 Nov 2022 1:01

Instrument :
 BNA_G
 ClientSampleId :

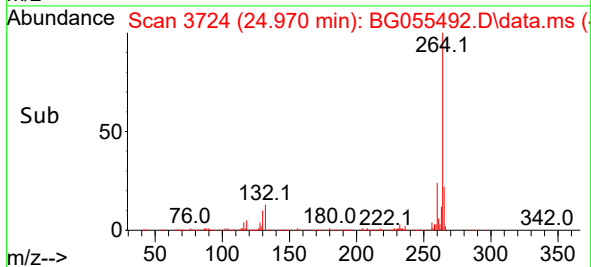
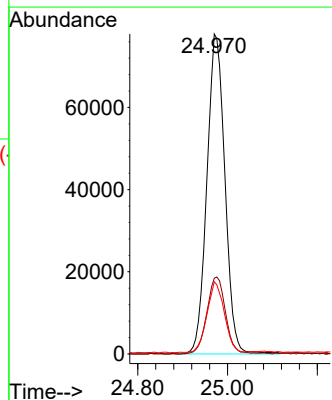
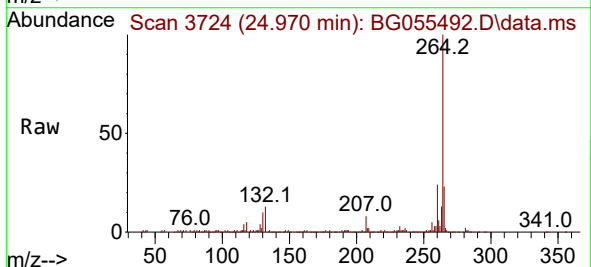


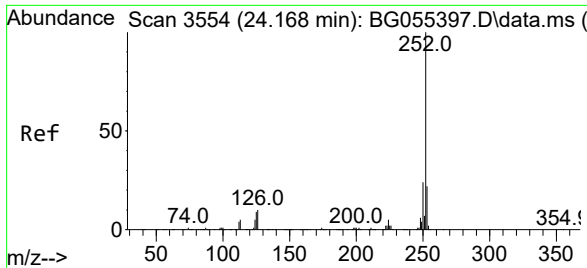
Tgt Ion:244 Resp: 578340
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.970 min Scan# 3724
 Delta R.T. -0.016 min
 Lab File: BG055492.D
 Acq: 8 Nov 2022 1:01

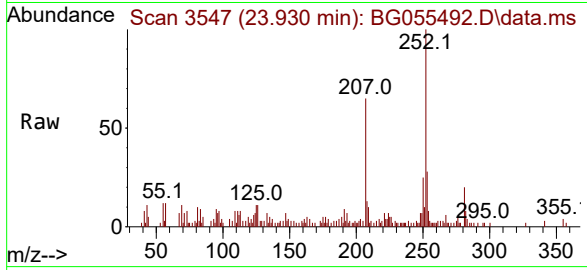
Tgt Ion:264 Resp: 217256
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.5 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 2.055 ng
RT: 23.930 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:252 Resp: 28354
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.8#
125 11.2 6.8 10.2#

