

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055488.D
 Acq On : 7 Nov 2022 22:14
 Operator : CG/JU
 Sample : N5415-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 03:54:02 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)

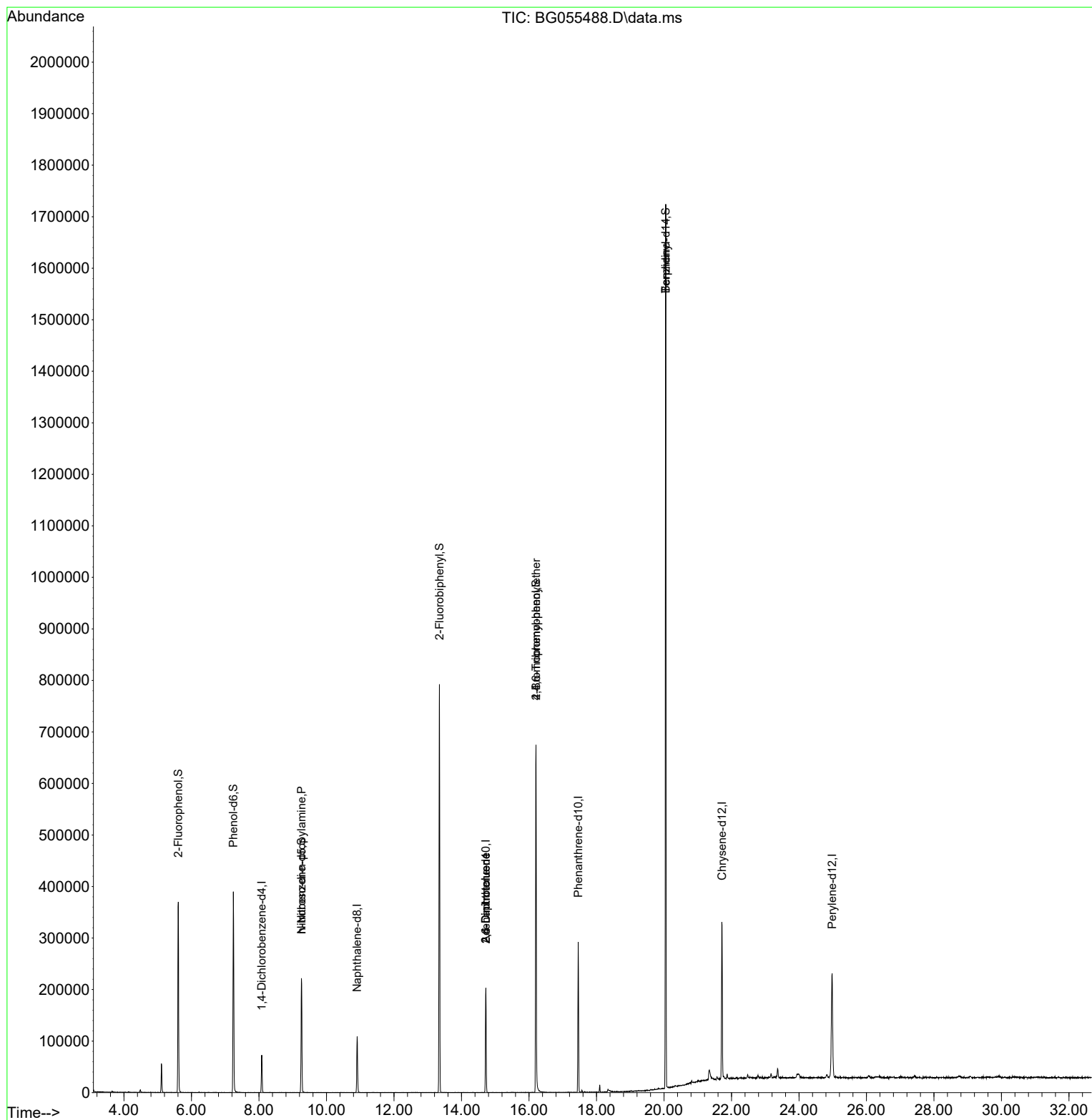
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	22687	20.000	ng	0.00
21) Naphthalene-d8	10.909	136	99853	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	76166	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	190234	20.000	ng	0.00
76) Chrysene-d12	21.720	240	198717	20.000	ng	0.00
86) Perylene-d12	24.981	264	218815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	191719	151.760	ng	0.00
7) Phenol-d6	7.243	99	251744	143.699	ng	0.00
23) Nitrobenzene-d5	9.258	82	140328	74.898	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	167778	161.492	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	442774	86.191	ng	0.00
79) Terphenyl-d14	20.051	244	903991	88.460	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.258	70	17782	12.990	ng	# 73
51) 2,6-Dinitrotoluene	14.722	165	10040	7.543	ng	# 27
57) 2,4-Dinitrotoluene	14.722	165	10040	5.276	ng	# 25
67) 4-Bromophenyl-phenylether	16.209	248	10217	4.543	ng	# 1
77) Benzidine	20.051	184	12242	2.959	ng	# 93

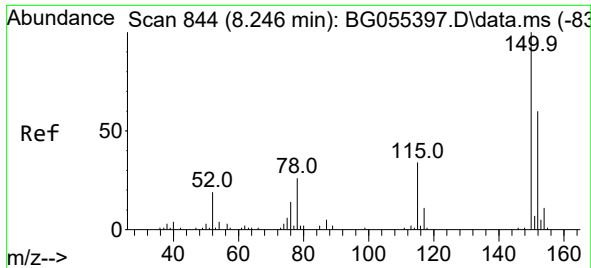
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055488.D
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Operator : CG/JU
Sample : N5415-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 08 03:54:02 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

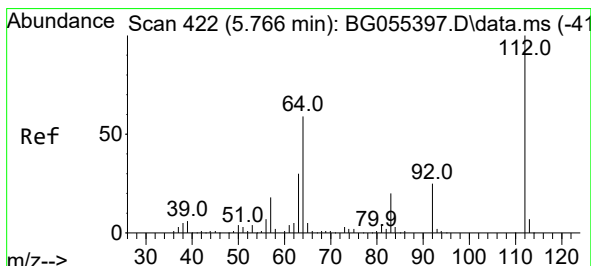
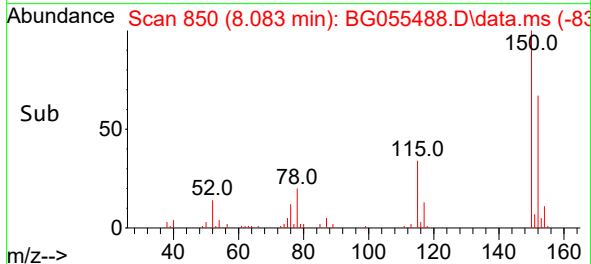
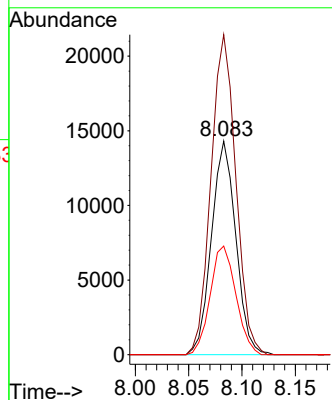
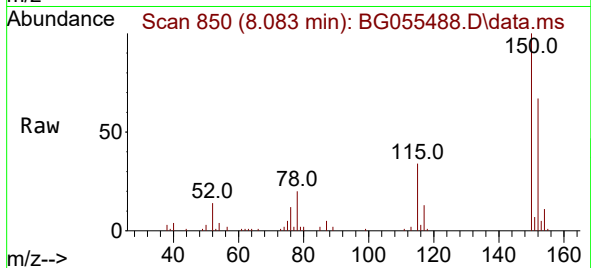




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.083 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG055488.D
 Acq: 7 Nov 2022 22:14

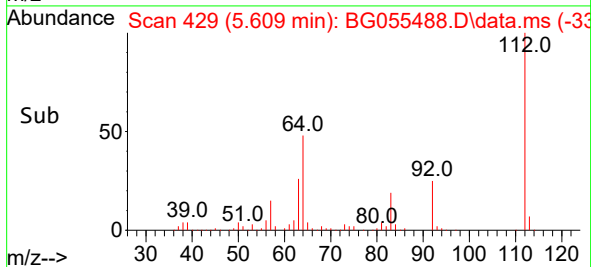
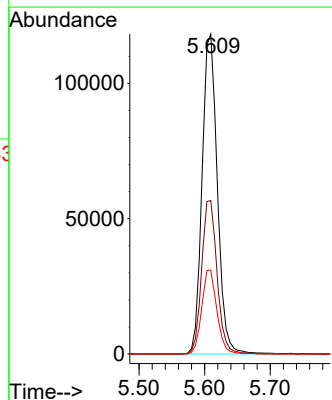
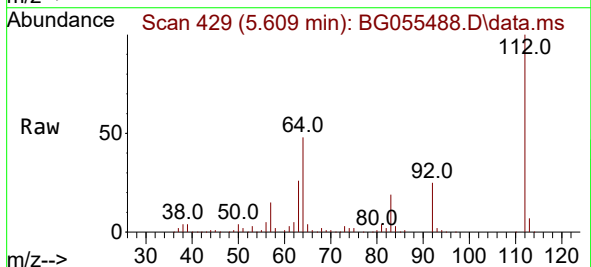
Instrument :
 BNA_G
 ClientSampleId :

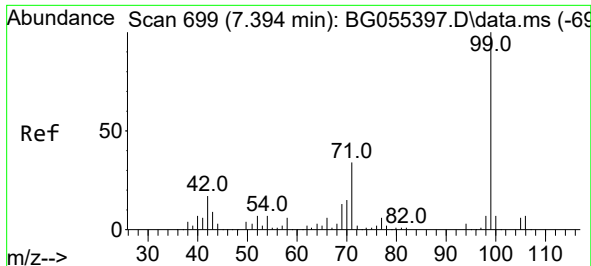
Tgt Ion:152 Resp: 22687
 Ion Ratio Lower Upper
 152 100
 150 149.8 132.8 199.2
 115 50.9 45.1 67.7



#5
 2-Fluorophenol
 Concen: 151.760 ng
 RT: 5.609 min Scan# 429
 Delta R.T. 0.000 min
 Lab File: BG055488.D
 Acq: 7 Nov 2022 22:14

Tgt Ion:112 Resp: 191719
 Ion Ratio Lower Upper
 112 100
 64 48.0 47.2 70.8
 63 26.2 24.3 36.5

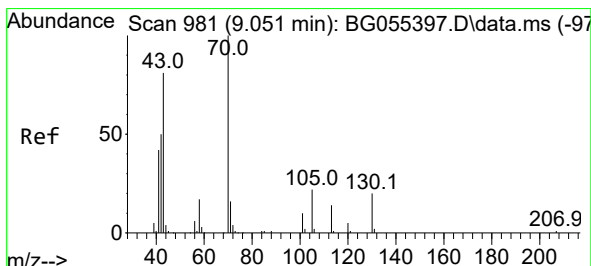
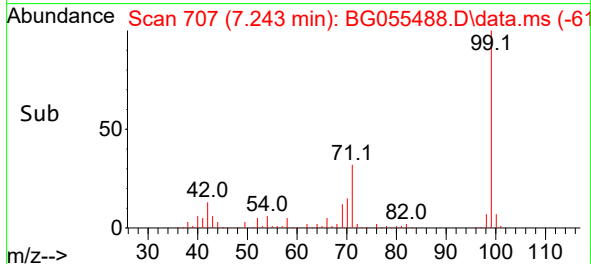
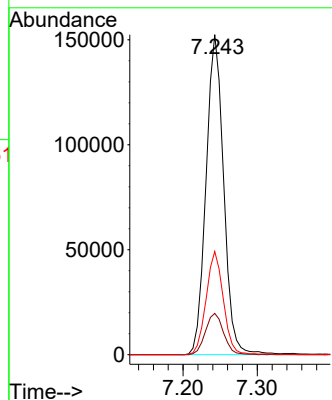
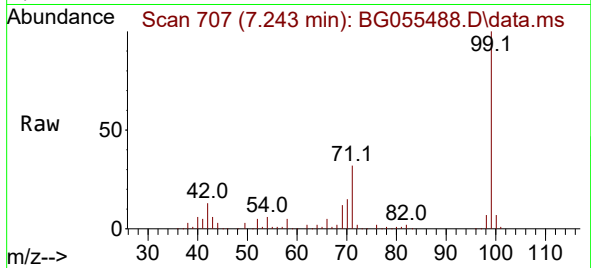




#7
Phenol-d6
Concen: 143.699 ng
RT: 7.243 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

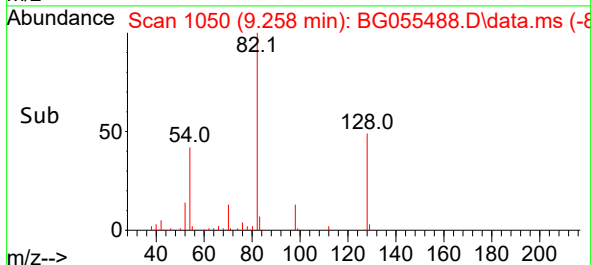
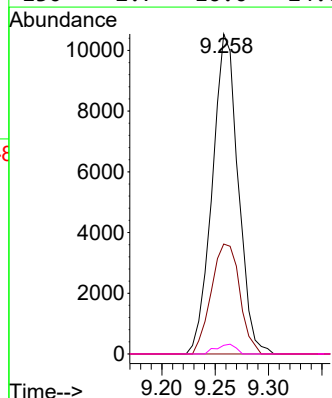
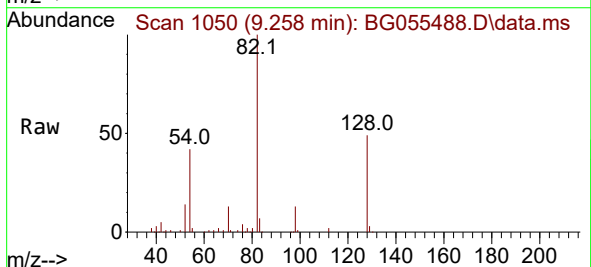
Instrument :
BNA_G
ClientSampleId :

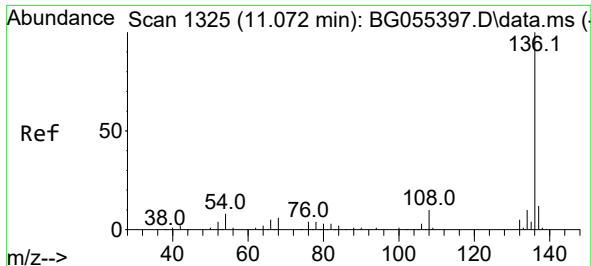
Tgt Ion: 99 Resp: 251744
Ion Ratio Lower Upper
99 100
42 12.9 13.5 20.3#
71 32.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.990 ng
RT: 9.258 min Scan# 1050
Delta R.T. 0.359 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion: 70 Resp: 17782
Ion Ratio Lower Upper
70 100
42 34.3 40.6 61.0#
101 0.0 7.8 11.6#
130 2.7 16.0 24.0#



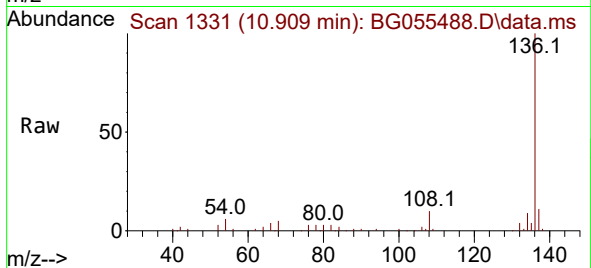


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

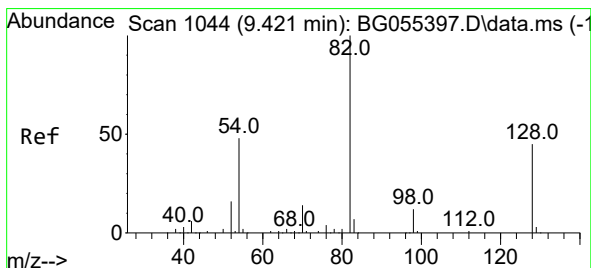
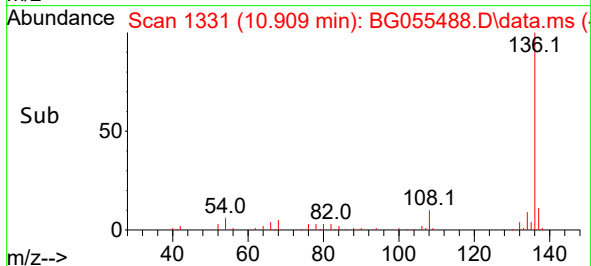
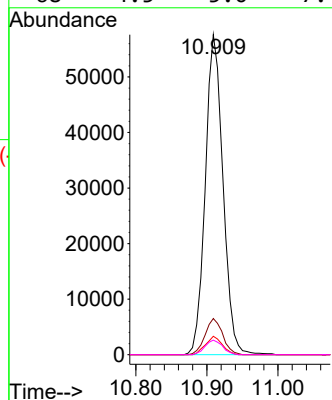
Instrument :

BNA_G

ClientSampleId :

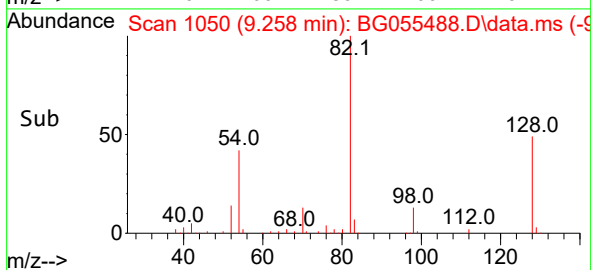
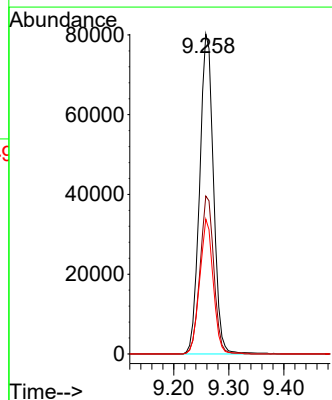
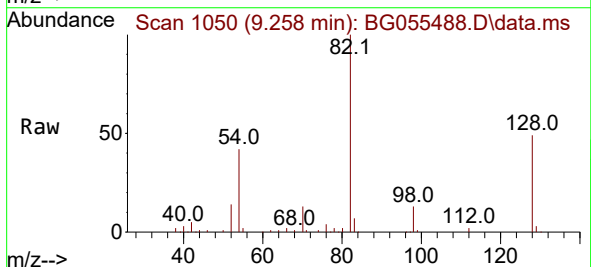


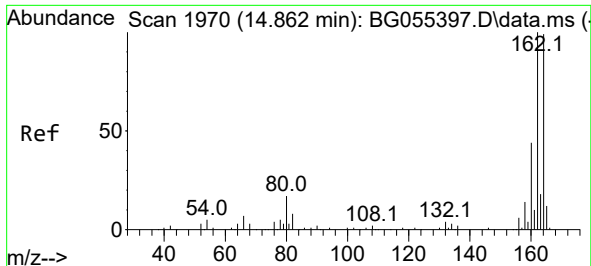
Tgt Ion:	136	Resp:	99853
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	5.8	6.1	9.1#
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 74.898 ng
RT: 9.258 min Scan# 1050
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

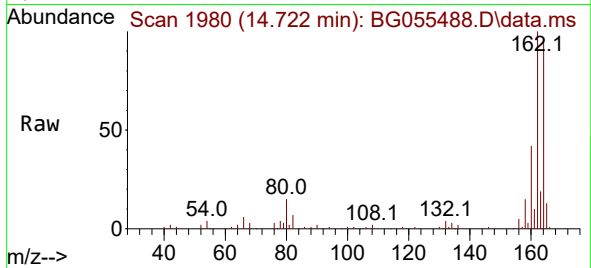
Tgt Ion:	82	Resp:	140328
Ion Ratio	Lower	Upper	
82	100		
128	49.3	35.8	53.8
54	42.1	38.1	57.1



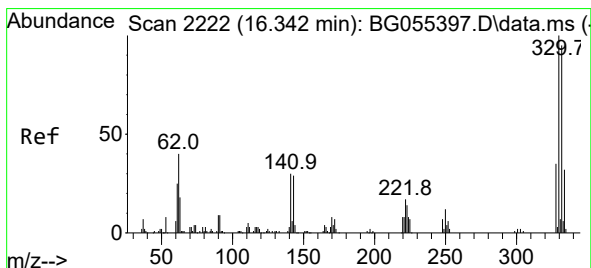
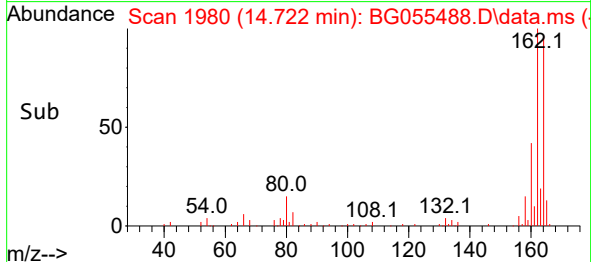
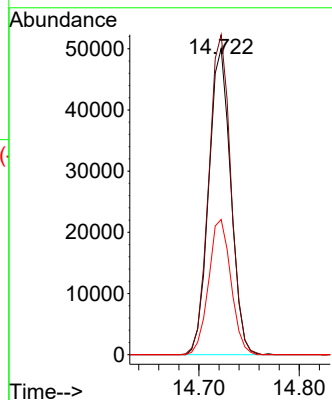


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Instrument :
BNA_G
ClientSampleId :

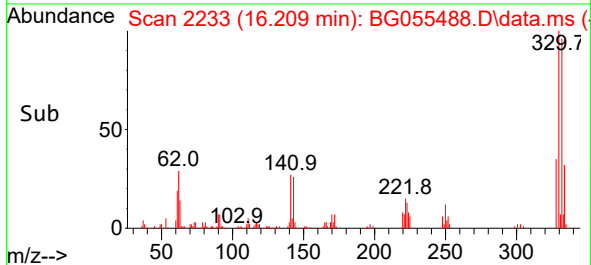
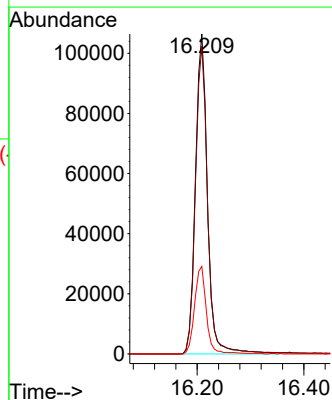
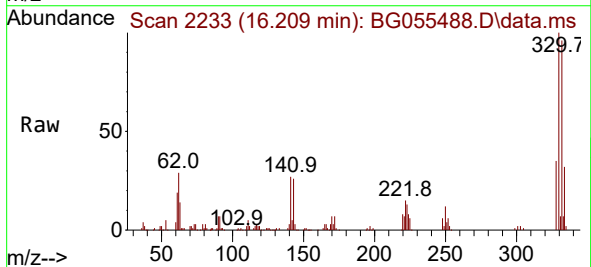


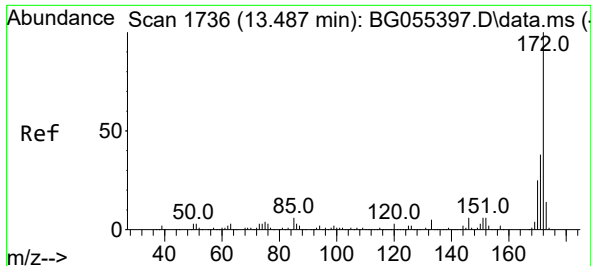
Tgt Ion:164 Resp: 76166
Ion Ratio Lower Upper
164 100
162 104.5 81.1 121.7
160 44.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 161.492 ng
RT: 16.209 min Scan# 2233
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion:330 Resp: 167778
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 26.7 24.2 36.2

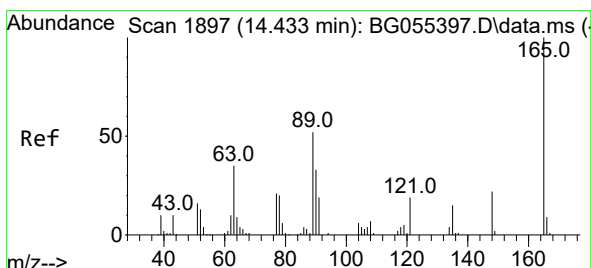
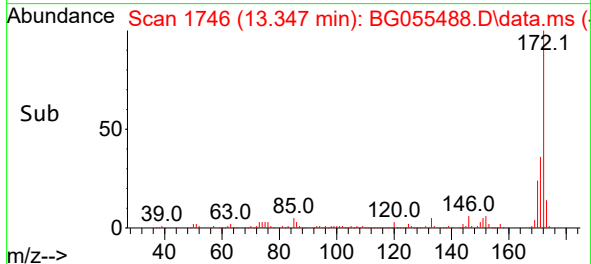
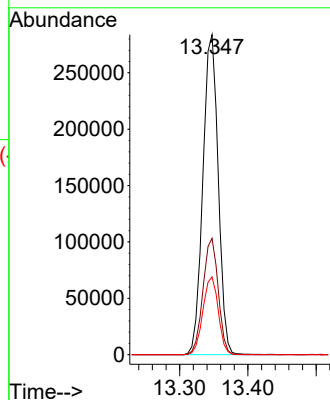
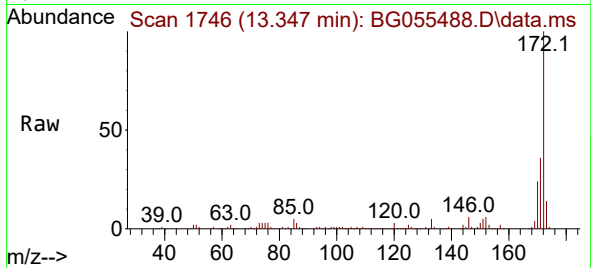




#45
2-Fluorobiphenyl
Concen: 86.191 ng
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

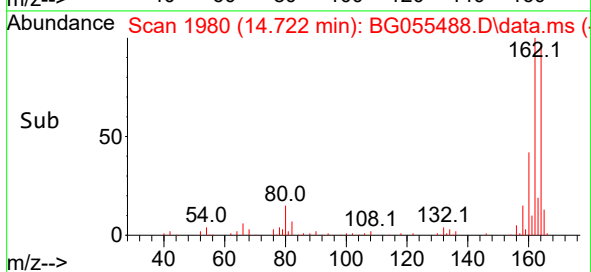
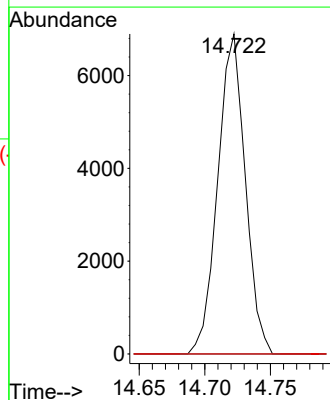
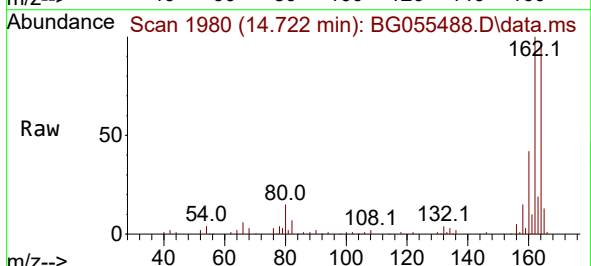
Instrument :
BNA_G
ClientSampleId :

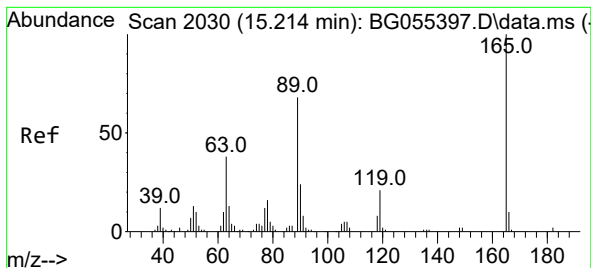
Tgt Ion:172 Resp: 442774
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.2
170 24.3 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

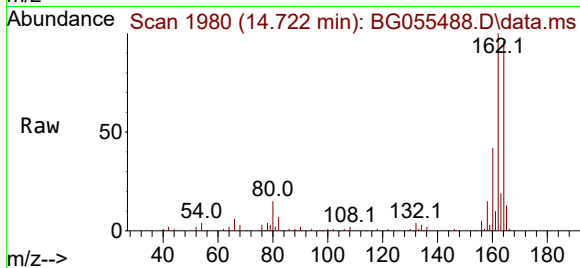
Tgt Ion:165 Resp: 10040
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#



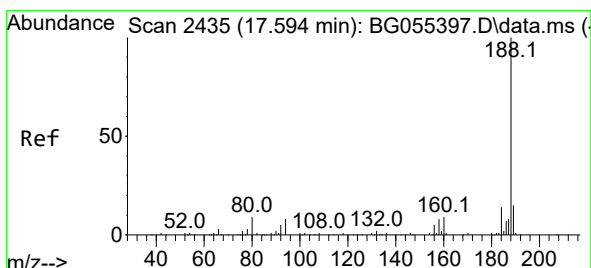
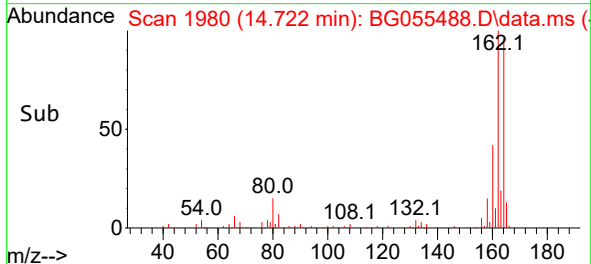
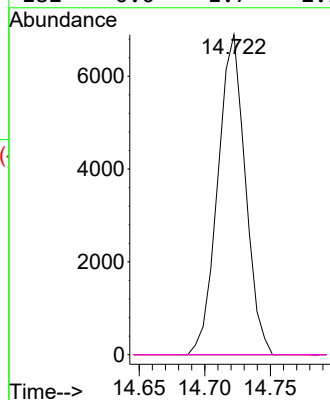


#57
2,4-Dinitrotoluene
Concen: 5.276 ng
RT: 14.722 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Instrument :
BNA_G
ClientSampleId :

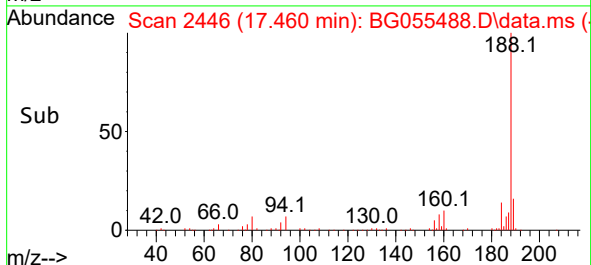
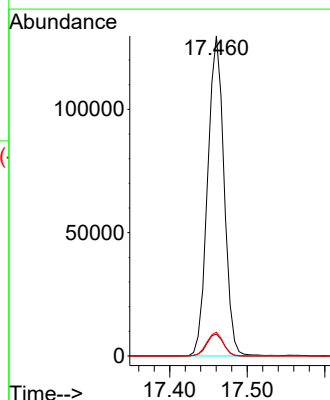
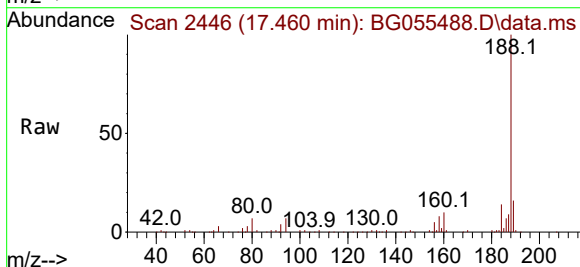


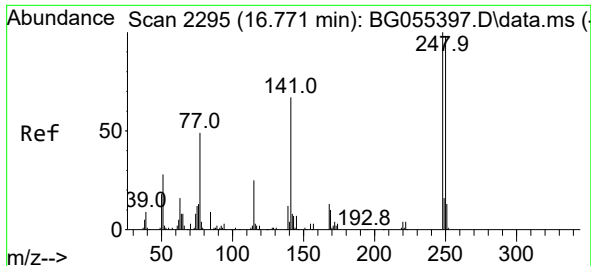
Tgt Ion:165 Resp: 10040
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

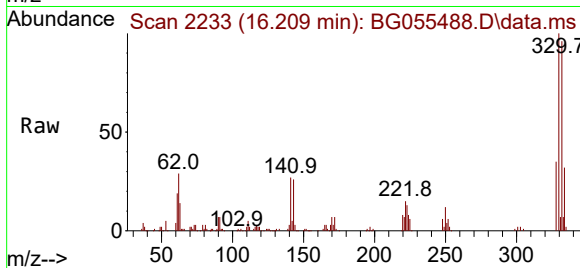
Tgt Ion:188 Resp: 190234
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 7.5 7.4 11.0



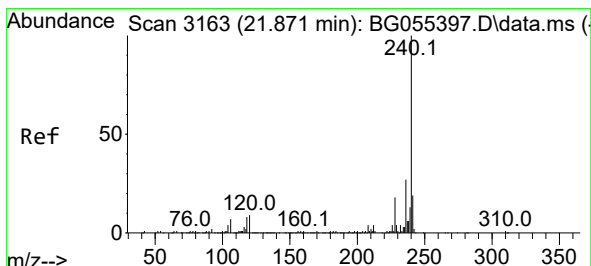
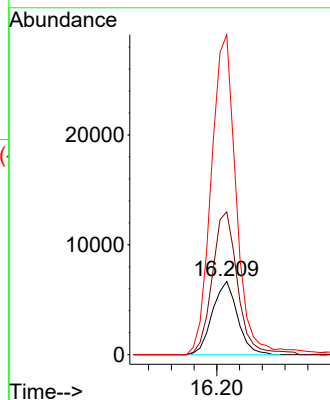
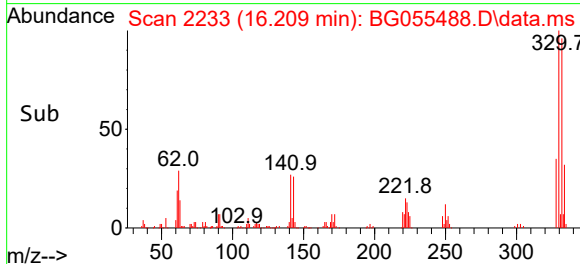


#67
4-Bromophenyl-phenylether
Concen: 4.543 ng
RT: 16.209 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Instrument :
BNA_G
ClientSampleId :

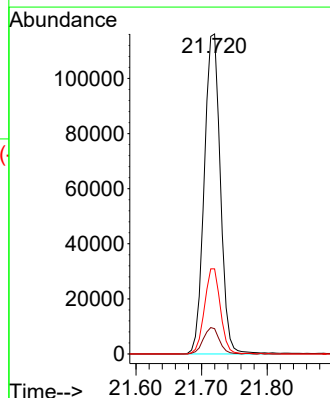
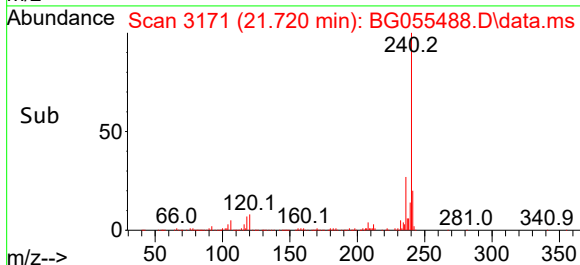
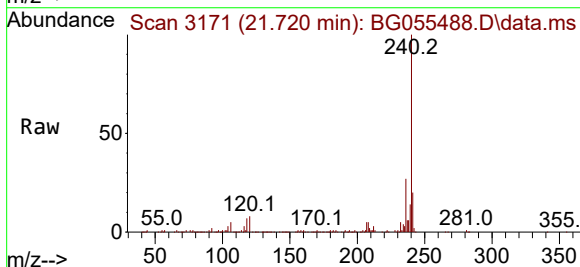


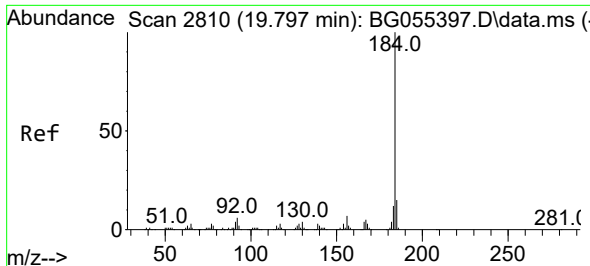
Tgt Ion:248 Resp: 10217
Ion Ratio Lower Upper
248 100
250 194.9 78.3 117.5#
141 436.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.720 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

Tgt Ion:240 Resp: 198717
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.6 21.5 32.3

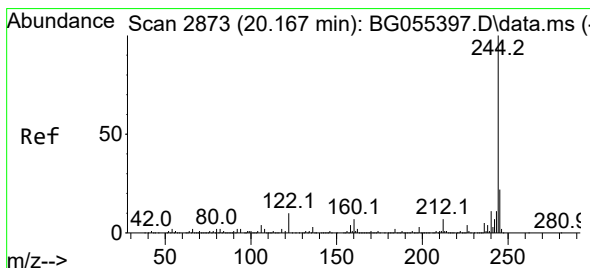
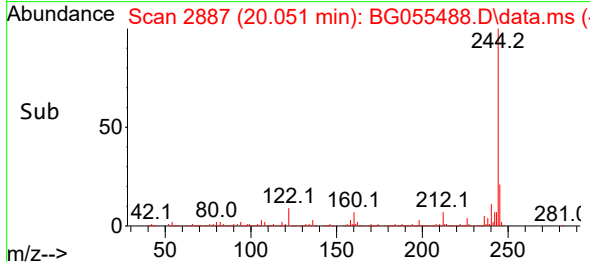
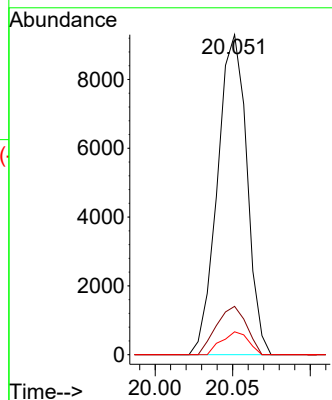
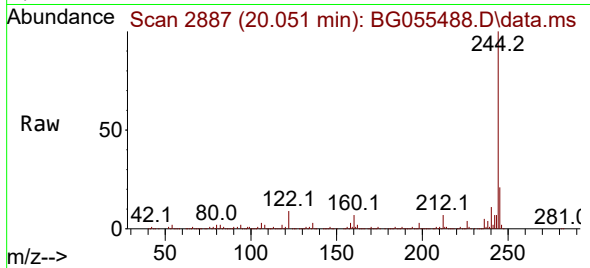




#77
Benzidine
Concen: 2.959 ng
RT: 20.051 min Scan# 2887
Delta R.T. 0.371 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

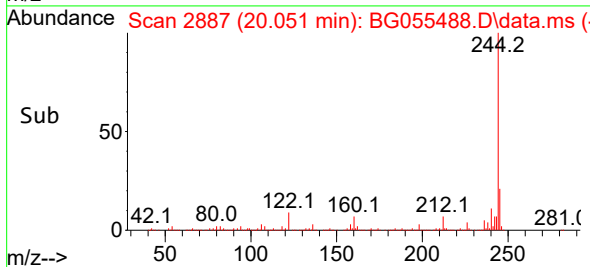
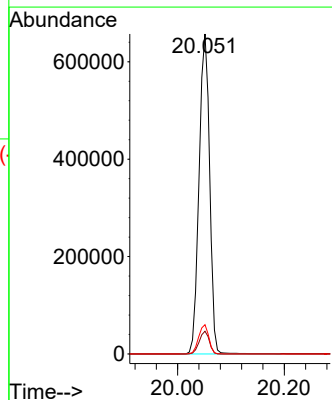
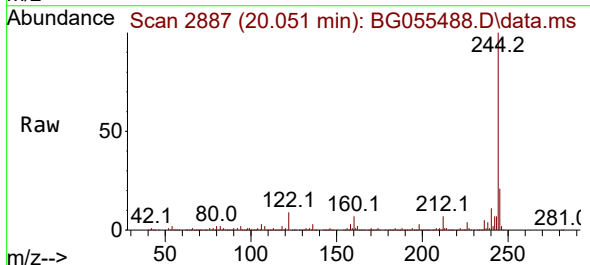
Instrument :
BNA_G
ClientSampleId :

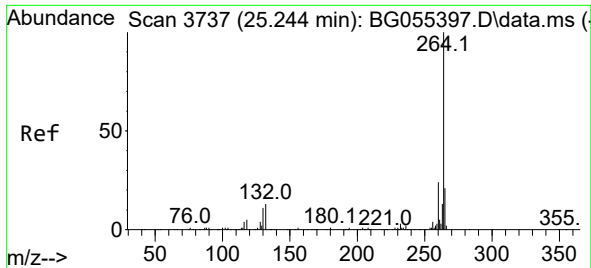
Tgt Ion:184 Resp: 12242
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 7.1 9.8 14.8#



#79
Terphenyl-d14
Concen: 88.460 ng
RT: 20.051 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BG055488.D
Acq: 7 Nov 2022 22:14

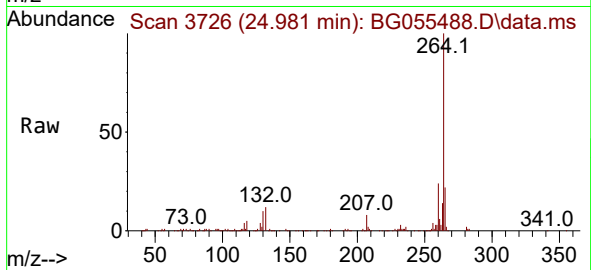
Tgt Ion:244 Resp: 903991
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.1 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.981 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055488.D
 Acq: 7 Nov 2022 22:14

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 218815
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.0 17.1 25.7

