

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055485.D
 Acq On : 7 Nov 2022 20:07
 Operator : CG/JU
 Sample : PB148852BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 03:53:01 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

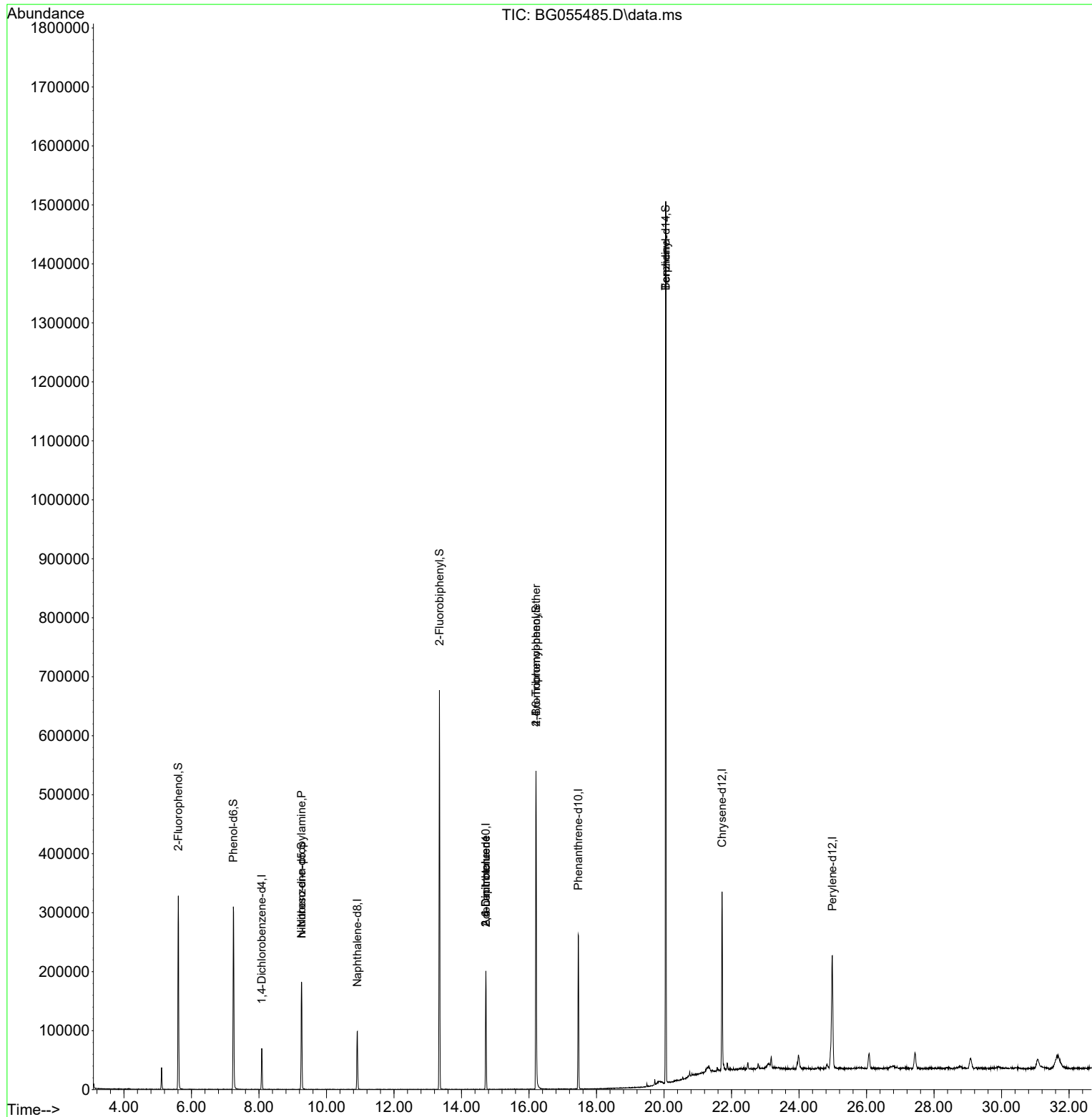
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	22584	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	94653	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	71732	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	182394	20.000	ng	0.00
76) Chrysene-d12	21.719	240	188818	20.000	ng	0.00
86) Perylene-d12	24.986	264	209591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	163662	130.142	ng	0.00
7) Phenol-d6	7.242	99	209020	119.856	ng	0.00
23) Nitrobenzene-d5	9.257	82	117949	66.412	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	136482	139.489	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	364548	75.350	ng	0.00
79) Terphenyl-d14	20.051	244	764405	78.722	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.257	70	15265	11.202	ng	# 76
51) 2,6-Dinitrotoluene	14.722	165	9189	7.331	ng	# 27
57) 2,4-Dinitrotoluene	14.722	165	9189	5.127	ng	# 25
67) 4-Bromophenyl-phenylether	16.208	248	8470	3.928	ng	# 1
77) Benzidine	20.051	184	10078	2.564	ng	# 94

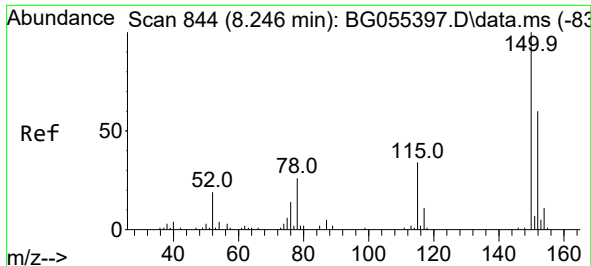
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055485.D
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Misc :
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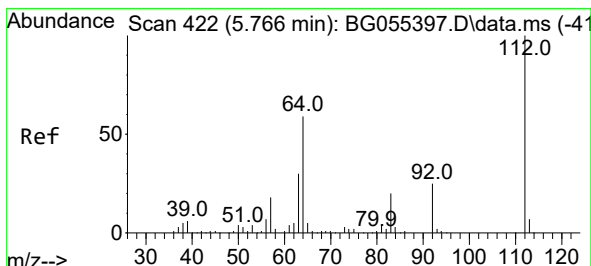
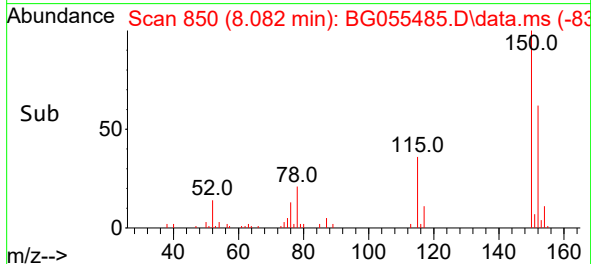
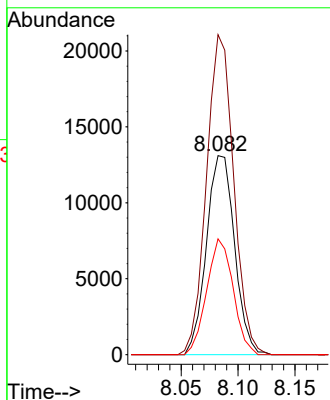
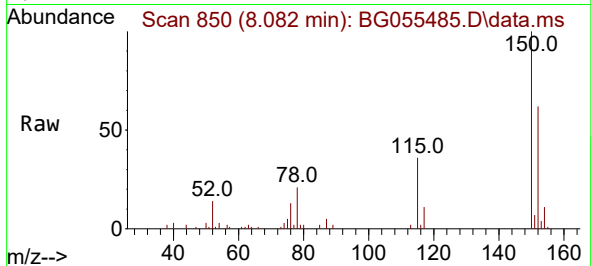




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

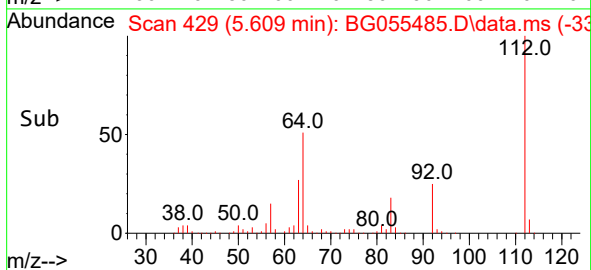
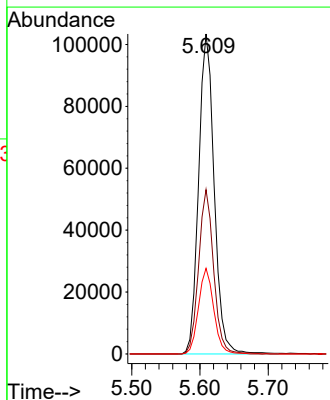
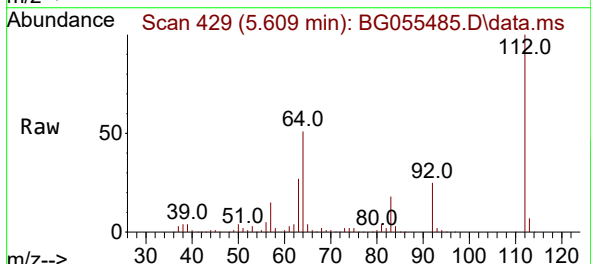
Instrument :
BNA_G
ClientSampleId :

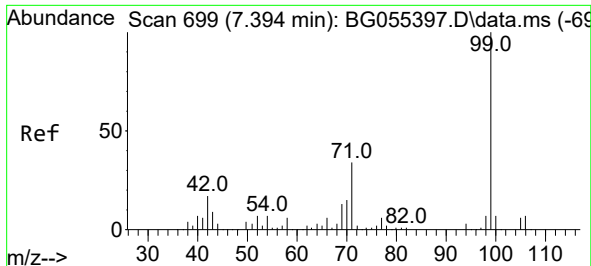
Tgt Ion:152 Resp: 22584
Ion Ratio Lower Upper
152 100
150 160.7 132.8 199.2
115 58.2 45.1 67.7



#5
2-Fluorophenol
Concen: 130.142 ng
RT: 5.609 min Scan# 429
Delta R.T. -0.000 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

Tgt Ion:112 Resp: 163662
Ion Ratio Lower Upper
112 100
64 51.4 47.2 70.8
63 26.8 24.3 36.5

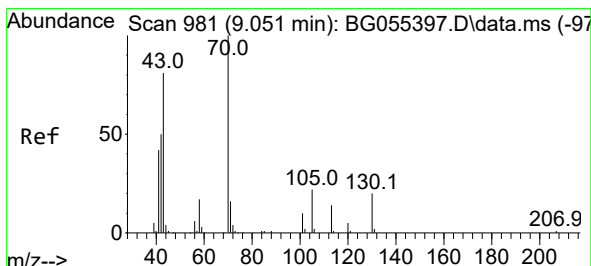
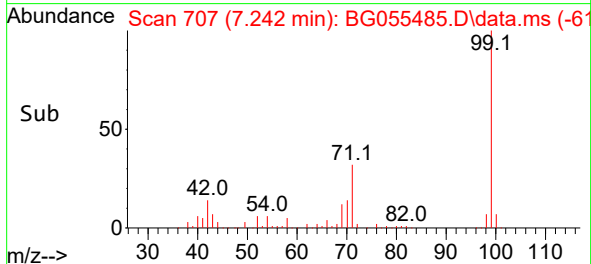
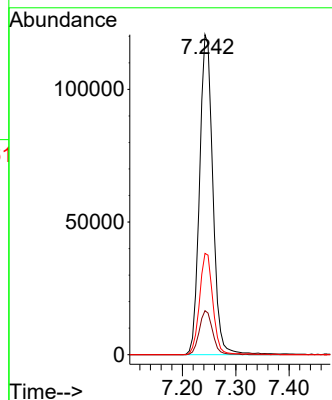
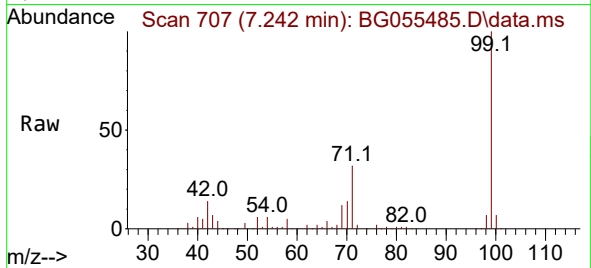




#7
Phenol-d6
Concen: 119.856 ng
RT: 7.242 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

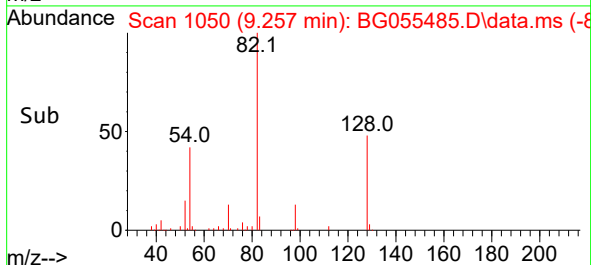
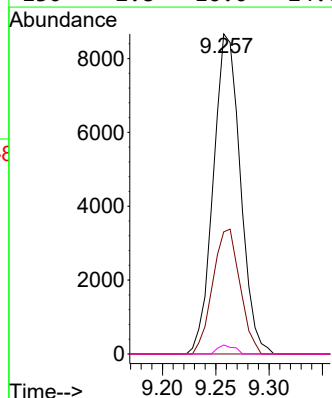
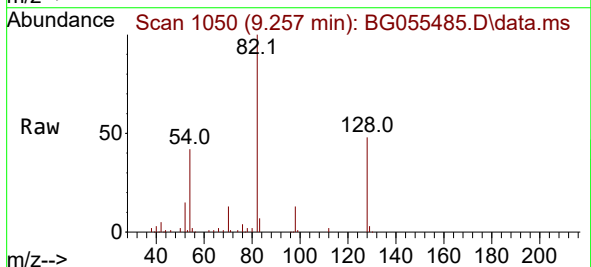
Instrument :
BNA_G
ClientSampleId :

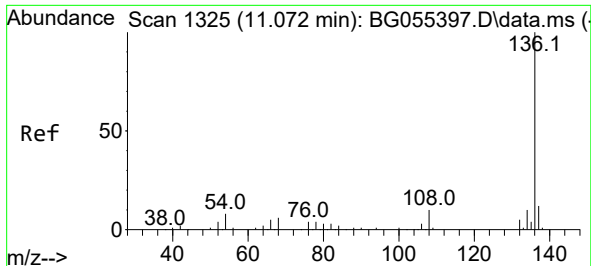
Tgt Ion: 99 Resp: 209020
Ion Ratio Lower Upper
99 100
42 13.7 13.5 20.3
71 31.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.202 ng
RT: 9.257 min Scan# 1050
Delta R.T. 0.358 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

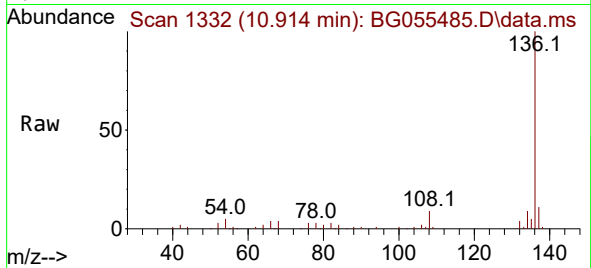
Tgt Ion: 70 Resp: 15265
Ion Ratio Lower Upper
70 100
42 38.1 40.6 61.0#
101 0.0 7.8 11.6#
130 2.8 16.0 24.0#



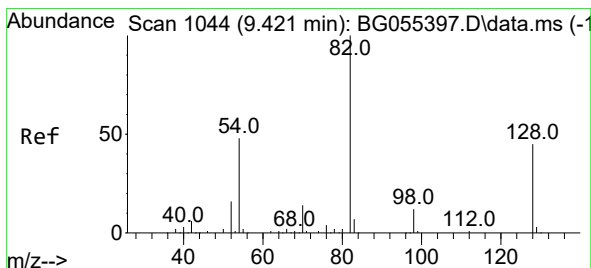
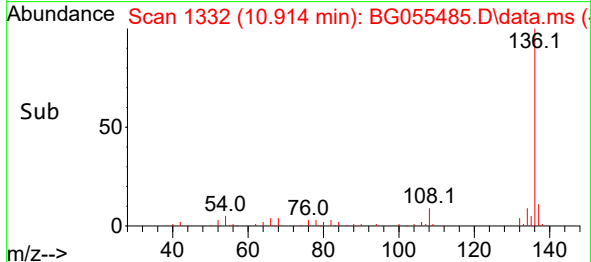
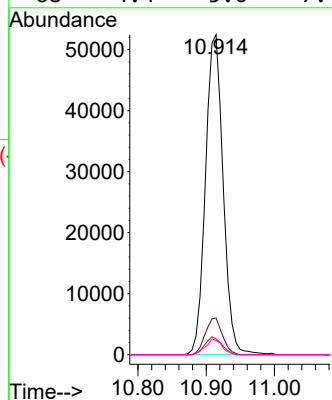


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.914 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

Instrument :
BNA_G
ClientSampleId :

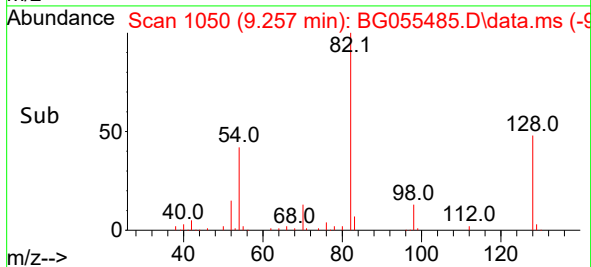
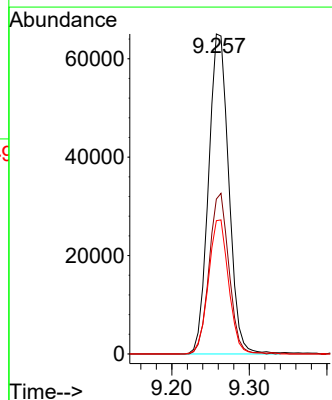
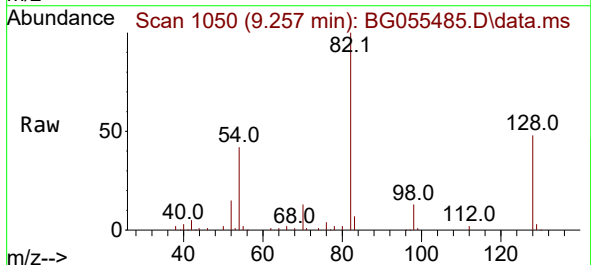


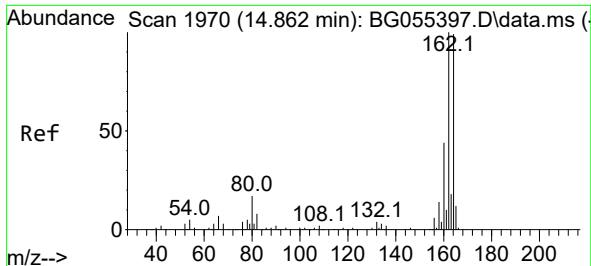
Tgt Ion:136 Resp: 94653
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 5.0 6.1 9.1#
68 4.4 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 66.412 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

Tgt Ion: 82 Resp: 117949
Ion Ratio Lower Upper
82 100
128 48.4 35.8 53.8
54 41.7 38.1 57.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1970

Delta R.T. -0.006 min

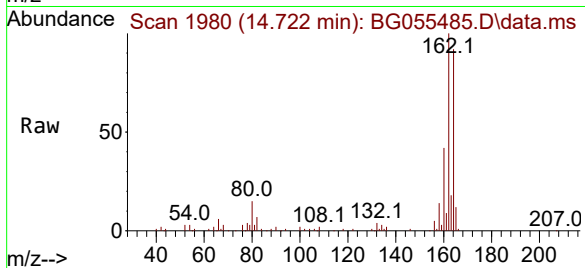
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Acq: 7 Nov 2022 20:07

Instrument :

BNA_G

ClientSampleId :



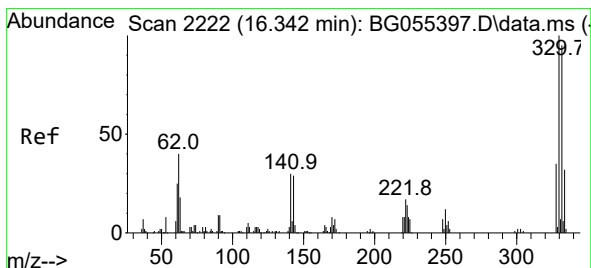
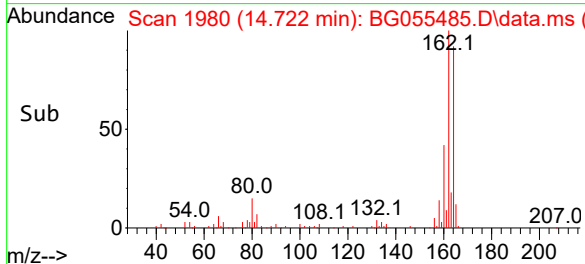
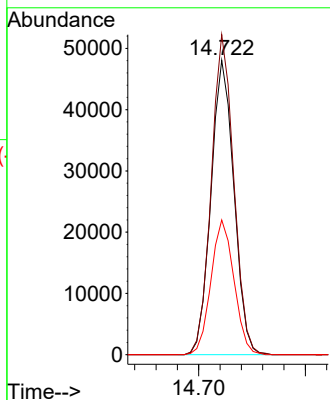
Tgt Ion:164 Resp: 71732

Ion Ratio Lower Upper

164 100

162 108.7 81.1 121.7

160 45.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 139.489 ng

RT: 16.208 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BG055485.D

Acq: 7 Nov 2022 20:07

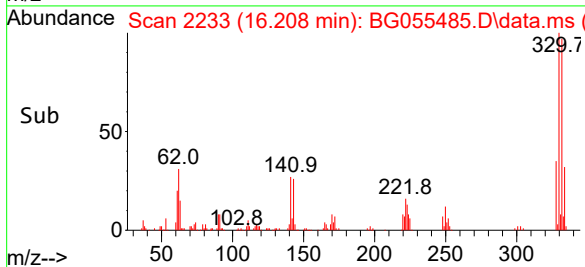
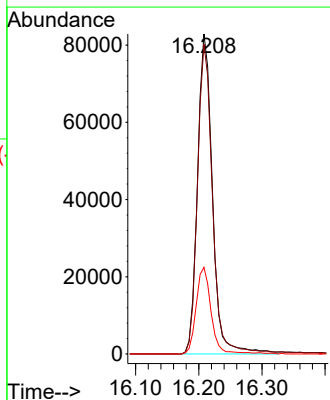
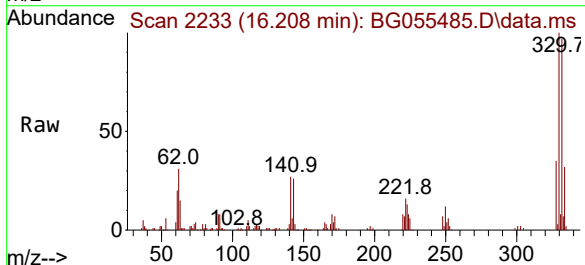
Tgt Ion:330 Resp: 136482

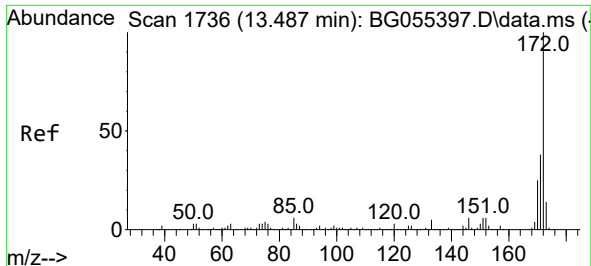
Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

141 26.8 24.2 36.2

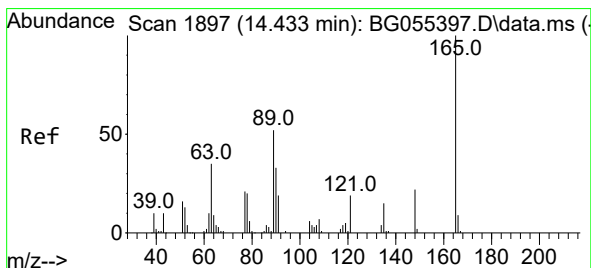
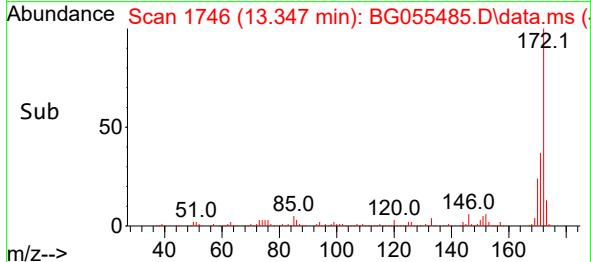
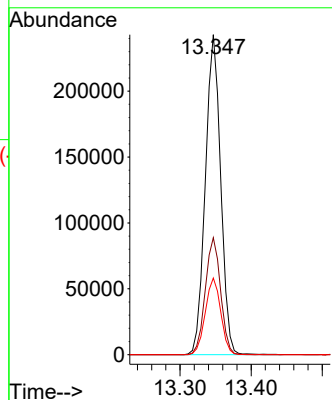
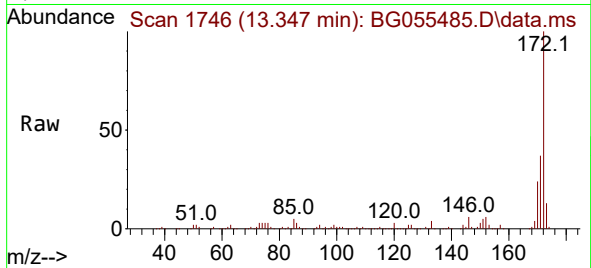




#45
2-Fluorobiphenyl
Concen: 75.350 ng
RT: 13.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

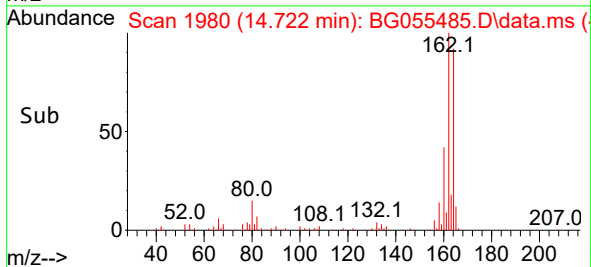
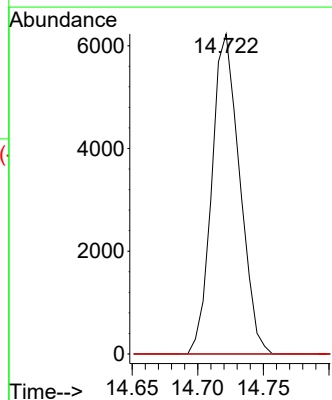
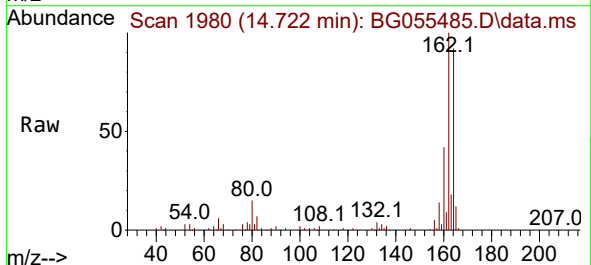
Instrument :
BNA_G
ClientSampleId :

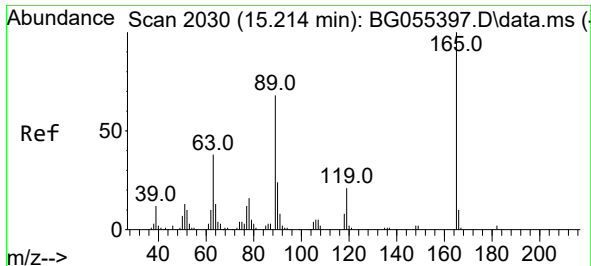
Tgt Ion:172 Resp: 364548
Ion Ratio Lower Upper
172 100
171 36.5 30.2 45.2
170 24.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.331 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

Tgt Ion:165 Resp: 9189
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: 5.127 ng

RT: 14.722 min Scan# 1980

Delta R.T. -0.370 min

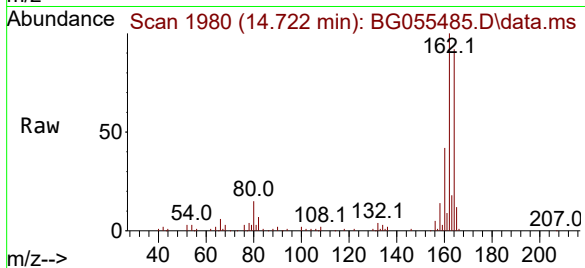
Lab File: BG055485.D

Acq: 7 Nov 2022 20:07

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 9189

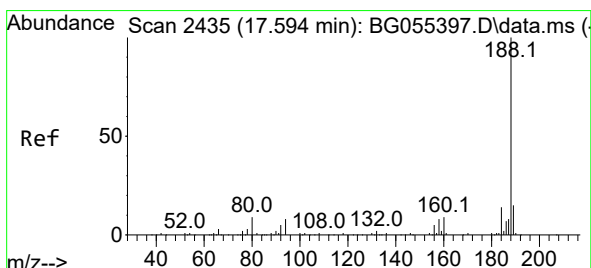
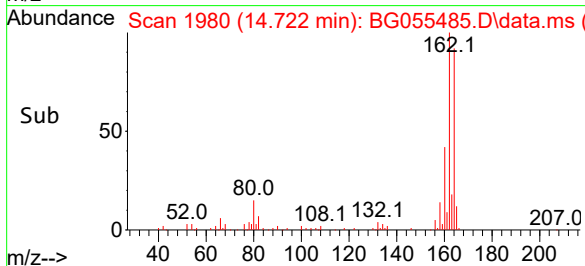
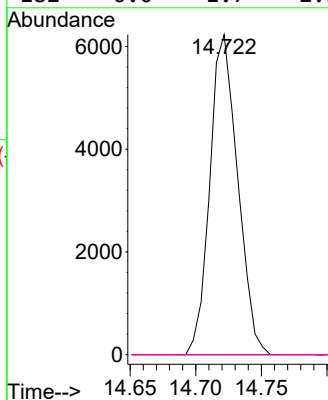
Ion Ratio Lower Upper

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. -0.006 min

Lab File: BG055485.D

Acq: 7 Nov 2022 20:07

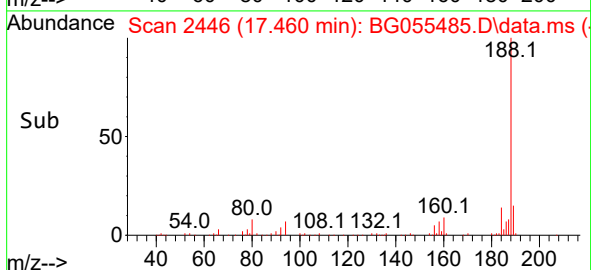
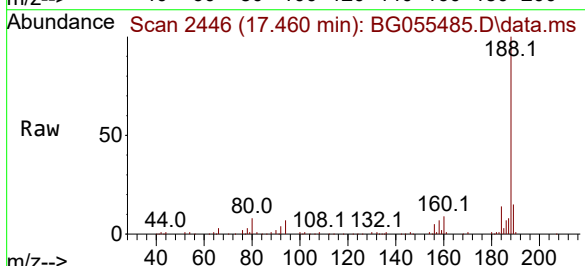
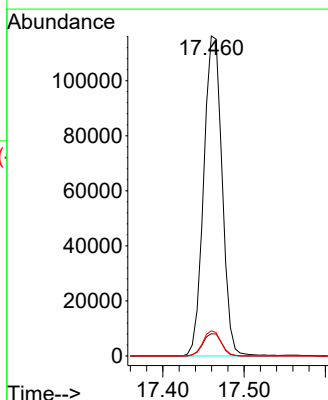
Tgt Ion:188 Resp: 182394

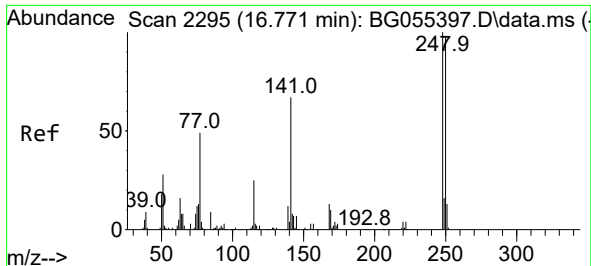
Ion Ratio Lower Upper

188 100

94 6.9 6.5 9.7

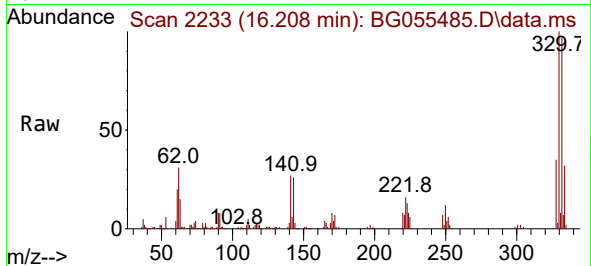
80 7.8 7.4 11.0



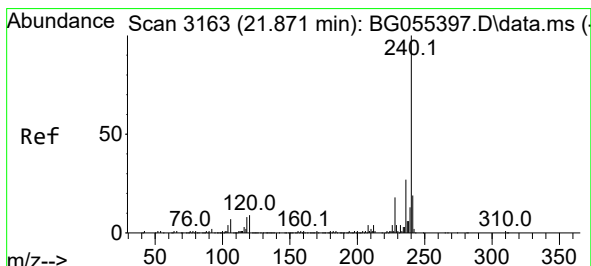
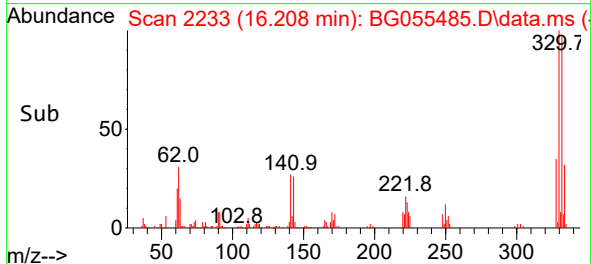
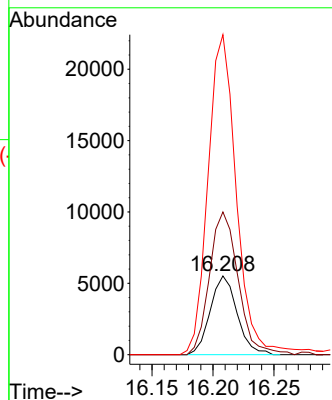


#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 16.208 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

Instrument :
BNA_G
ClientSampleId :

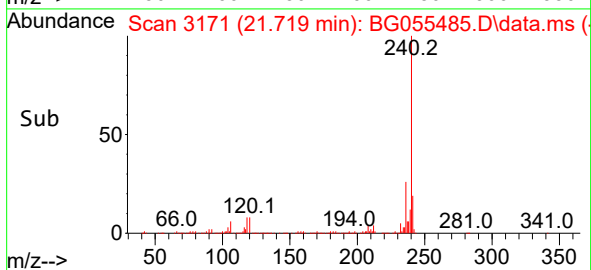
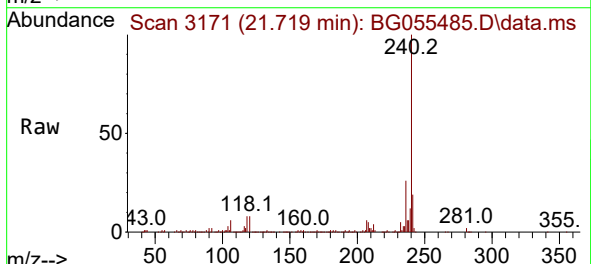
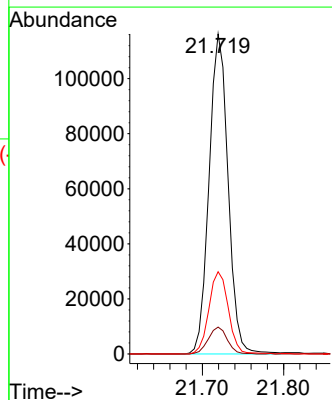


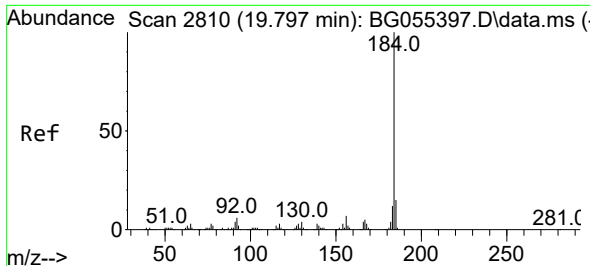
Tgt Ion:248 Resp: 8470
Ion Ratio Lower Upper
248 100
250 181.3 78.3 117.5#
141 406.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

Tgt Ion:240 Resp: 188818
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.7 21.5 32.3

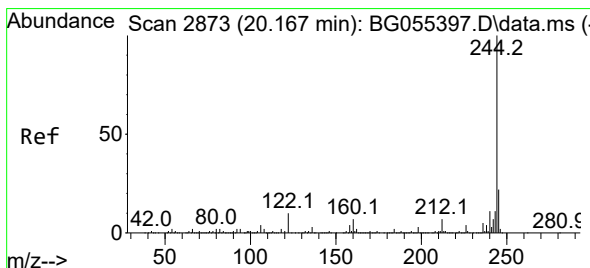
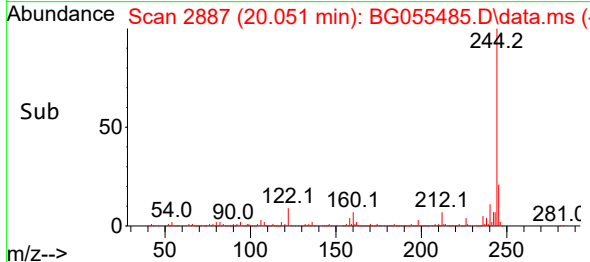
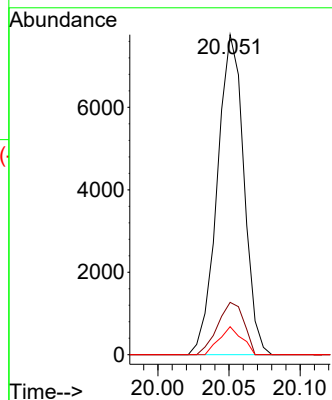
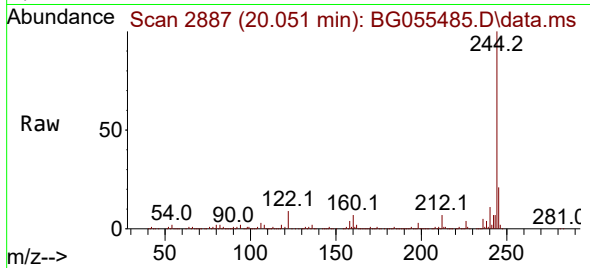




#77
Benzidine
Concen: 2.564 ng
RT: 20.051 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

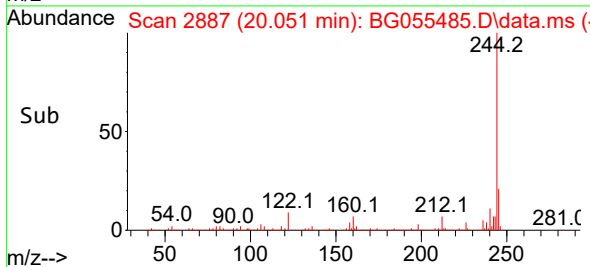
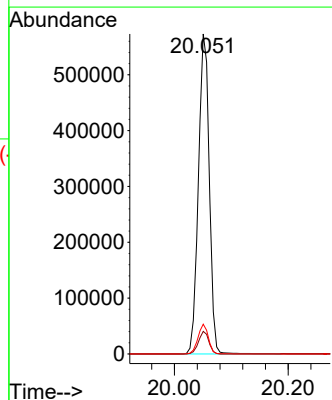
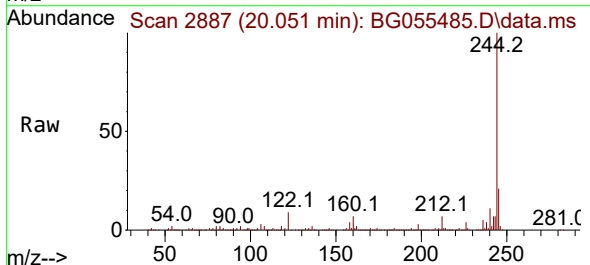
Instrument :
BNA_G
ClientSampleId :

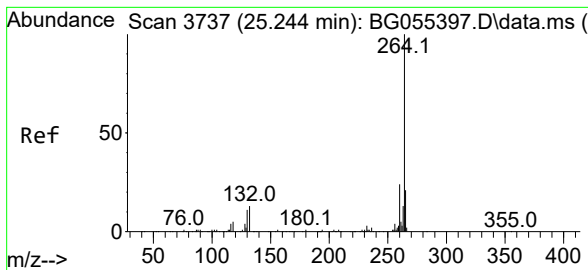
Tgt Ion:184 Resp: 10078
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 8.8 9.8 14.8#



#79
Terphenyl-d14
Concen: 78.722 ng
RT: 20.051 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BG055485.D
Acq: 7 Nov 2022 20:07

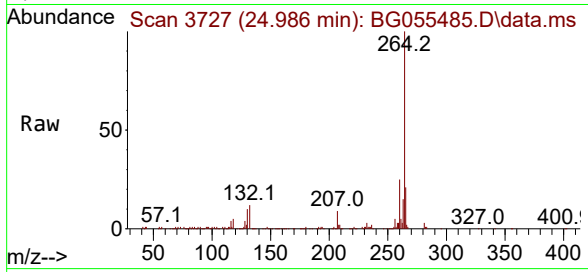
Tgt Ion:244 Resp: 764405
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.986 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG055485.D
 Acq: 7 Nov 2022 20:07

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 209591

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.9	28.3
265	21.0	17.1	25.7

