

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056584.D
 Acq On : 8 Feb 2023 16:33
 Operator : CG/JU
 Sample : 01418-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223

Quant Time: Feb 09 02:07:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

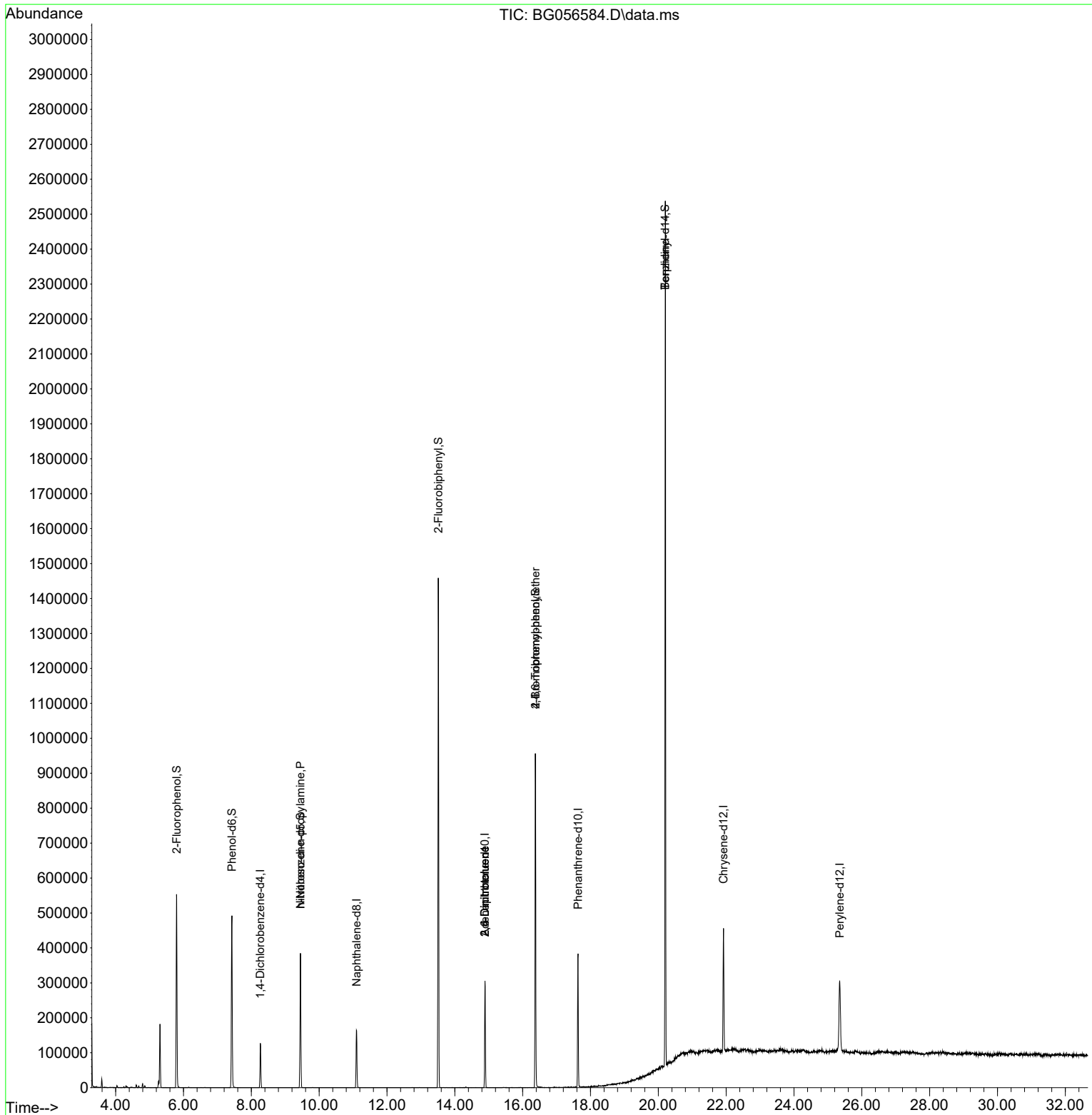
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	42023	20.000	ng	0.00
21) Naphthalene-d8	11.106	136	161522	20.000	ng	# 0.00
39) Acenaphthene-d10	14.889	164	118034	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	267428	20.000	ng	0.00
76) Chrysene-d12	21.922	240	242377	20.000	ng	0.00
86) Perylene-d12	25.354	264	266690	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	327691	143.448	ng	0.00
7) Phenol-d6	7.427	99	403399	119.183	ng	0.00
23) Nitrobenzene-d5	9.449	82	265961	93.502	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	209277	133.366	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	826319	97.059	ng	0.00
79) Terphenyl-d14	20.207	244	1370936	99.344	ng	0.00
Target Compounds						
9) Benzaldehyde	7.433	77	542	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	9.449	70	32853	16.843	ng	# 74
51) 2,6-Dinitrotoluene	14.889	165	15115	7.258	ng	# 36
57) 2,4-Dinitrotoluene	14.889	165	15115	5.153	ng	# 35
67) 4-Bromophenyl-phenylether	16.376	248	16519	4.825	ng	# 1
77) Benzidine	20.207	184	20974	3.198	ng	# 89

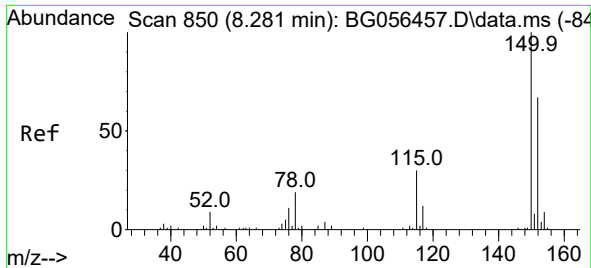
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
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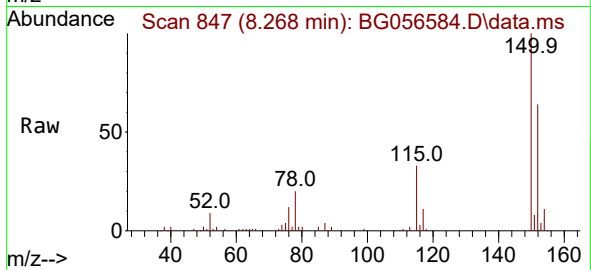
Quant Time: Feb 09 02:07:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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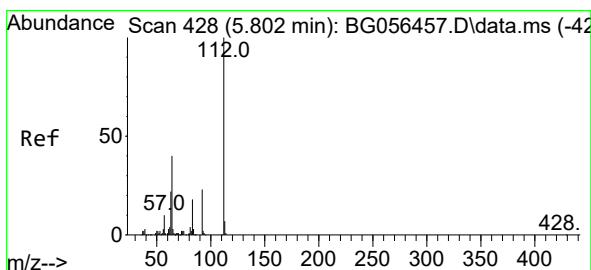
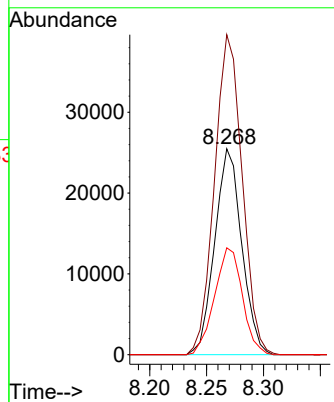
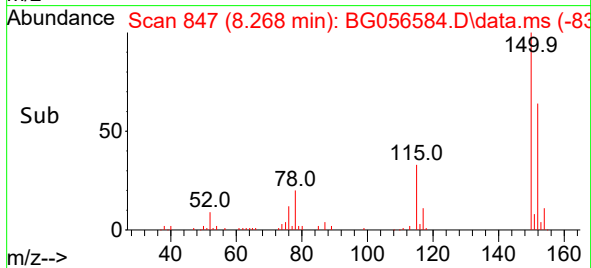


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.268 min Scan# 847
 Delta R.T. -0.001 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

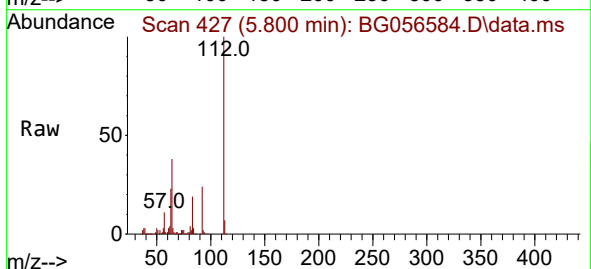
Instrument :
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 ClientSampleId :
 JPP-18A-020223



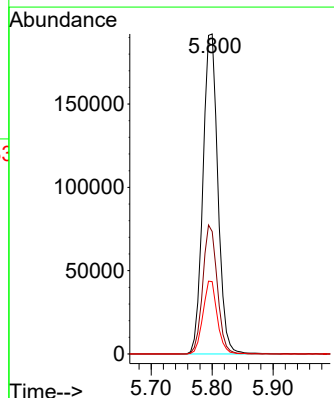
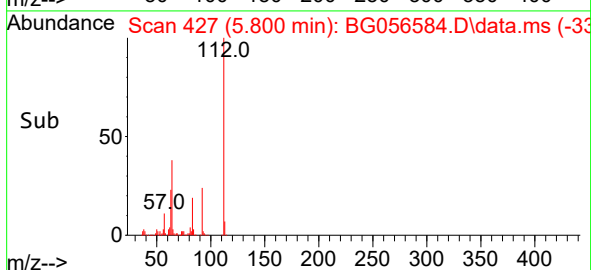
Tgt Ion:152 Resp: 42023
 Ion Ratio Lower Upper
 152 100
 150 155.4 120.2 180.4
 115 52.0 36.3 54.5

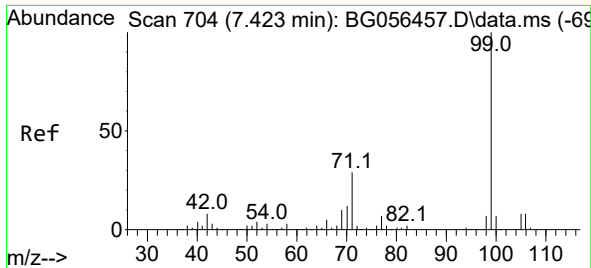


#5
 2-Fluorophenol
 Concen: 143.448 ng
 RT: 5.800 min Scan# 427
 Delta R.T. 0.010 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33



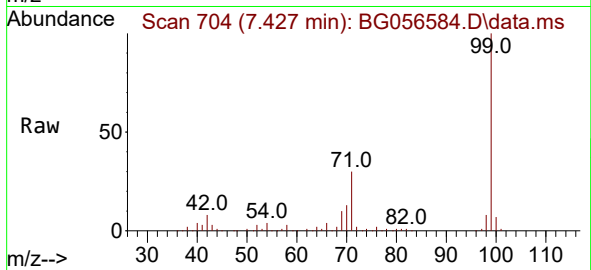
Tgt Ion:112 Resp: 327691
 Ion Ratio Lower Upper
 112 100
 64 38.2 31.9 47.9
 63 22.6 17.4 26.0



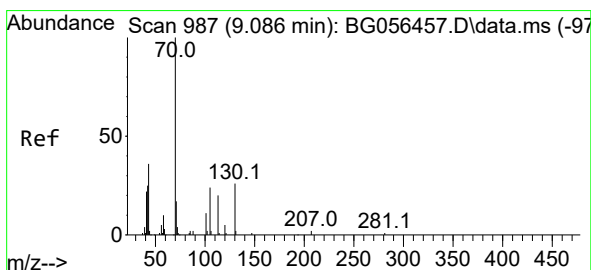
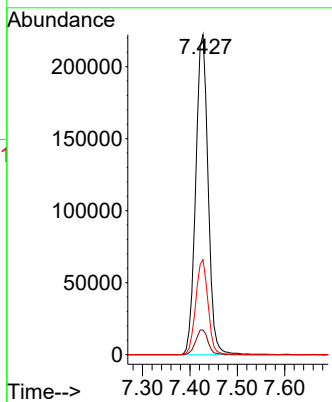
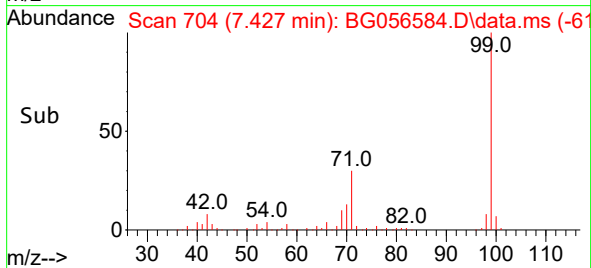


#7
 Phenol-d6
 Concen: 119.183 ng
 RT: 7.427 min Scan# 704
 Delta R.T. 0.010 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

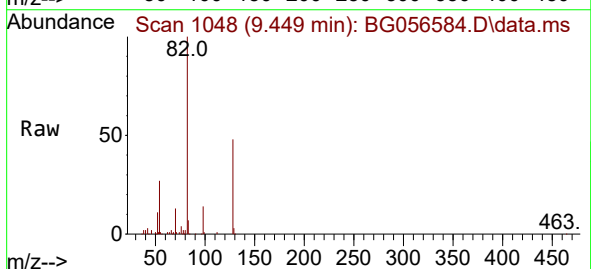
Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223



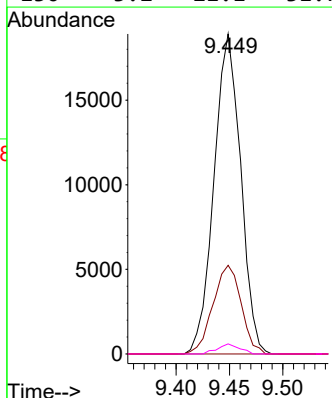
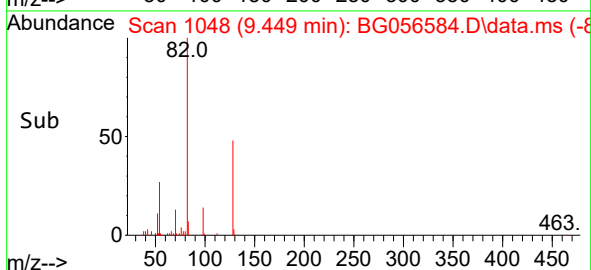
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	403399	100		
42		7.7	6.6	10.0
71		29.7	23.4	35.0

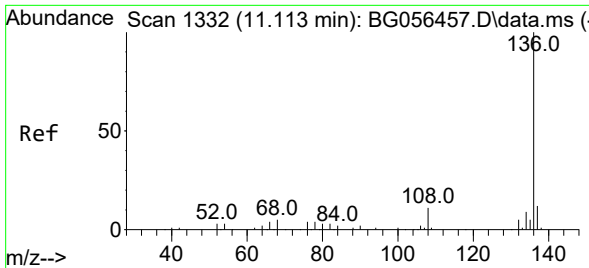


#19
 n-Nitroso-di-n-propylamine
 Concen: 16.843 ng
 RT: 9.449 min Scan# 1048
 Delta R.T. 0.374 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33



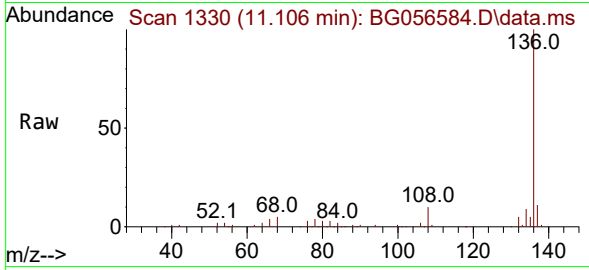
Tgt Ion	Resp	Ion Ratio	Lower	Upper
70	32853	100		
42		27.7	20.2	30.4
101		0.0	9.1	13.7#
130		3.2	21.1	31.7#



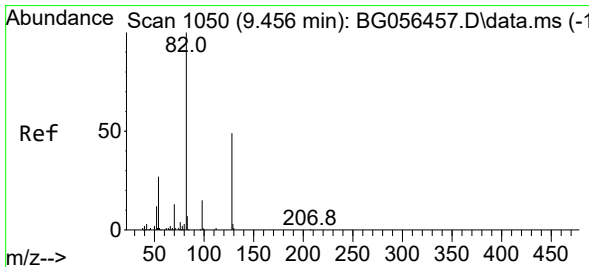
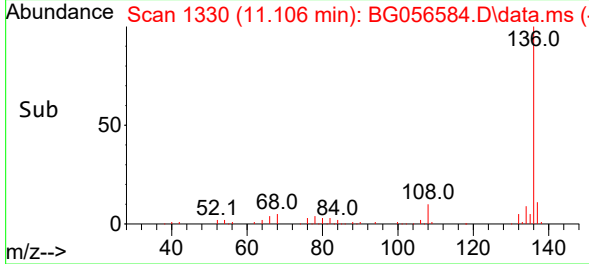
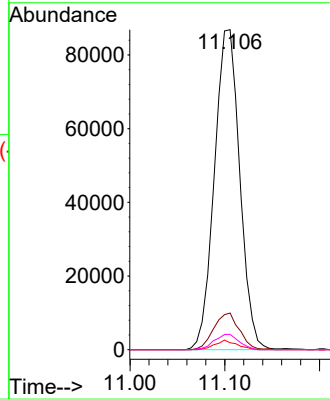


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.106 min Scan# 111
 Delta R.T. 0.004 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223

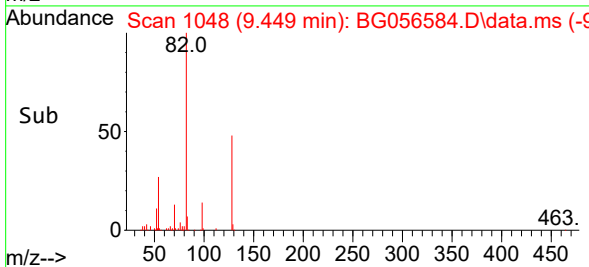
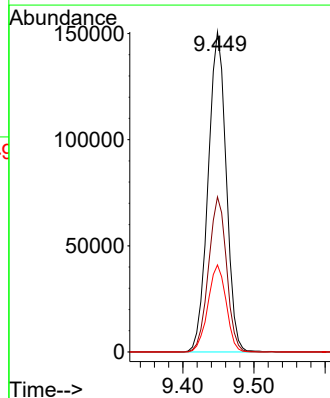
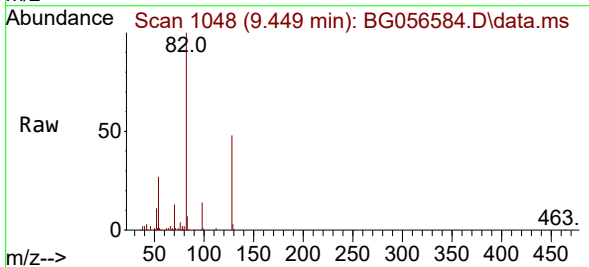


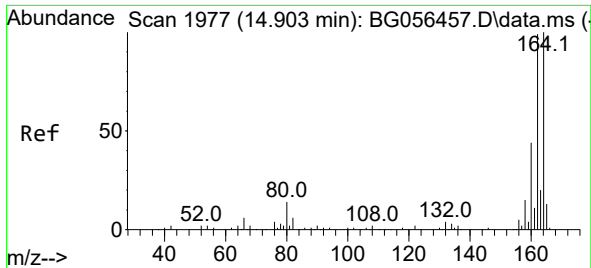
Tgt Ion:136 Resp: 161522
 Ion Ratio Lower Upper
 136 100
 137 11.5 9.4 14.0
 54 2.1 2.2 3.4#
 68 4.8 3.6 5.4



#23
 Nitrobenzene-d5
 Concen: 93.502 ng
 RT: 9.449 min Scan# 1048
 Delta R.T. 0.004 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Tgt Ion: 82 Resp: 265961
 Ion Ratio Lower Upper
 82 100
 128 48.5 39.4 59.2
 54 27.2 21.4 32.2

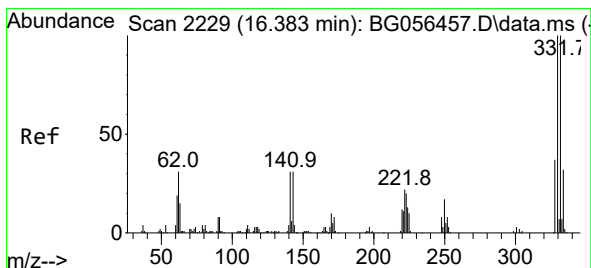
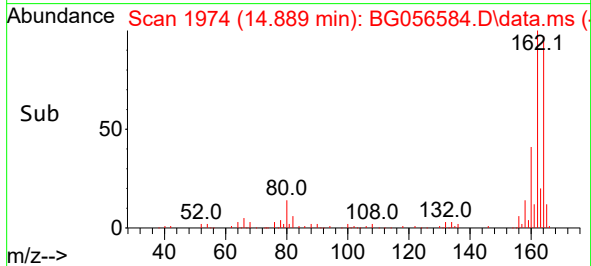
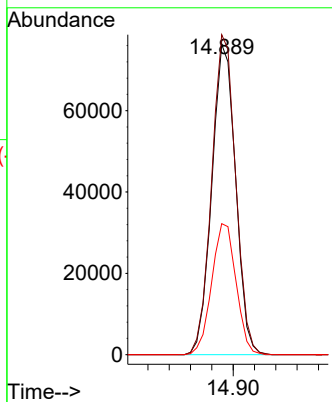
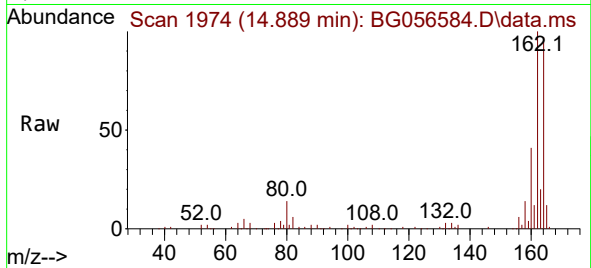




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.889 min Scan# 1974
 Delta R.T. -0.002 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

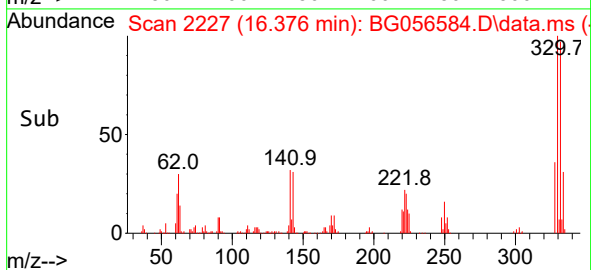
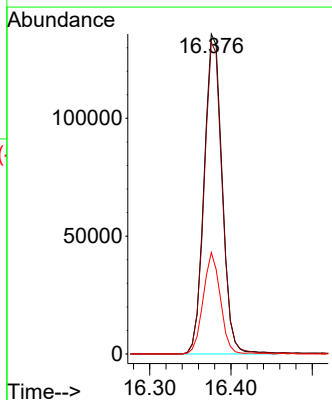
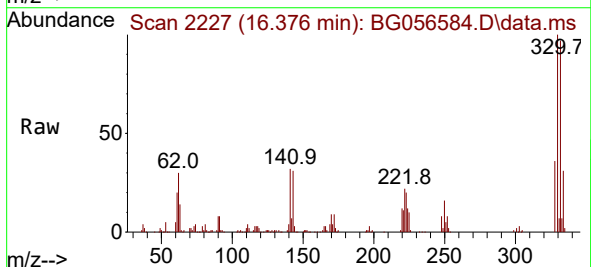
Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223

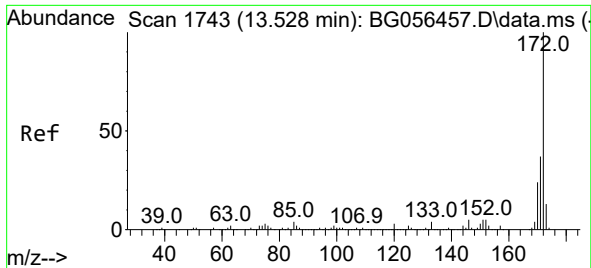
Tgt Ion:164 Resp: 118034
 Ion Ratio Lower Upper
 164 100
 162 103.1 79.6 119.4
 160 42.2 34.9 52.3



#42
 2,4,6-Tribromophenol
 Concen: 133.366 ng
 RT: 16.376 min Scan# 2227
 Delta R.T. -0.002 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Tgt Ion:330 Resp: 209277
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.6
 141 30.2 24.2 36.4



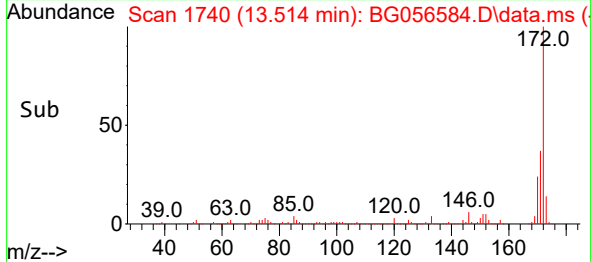
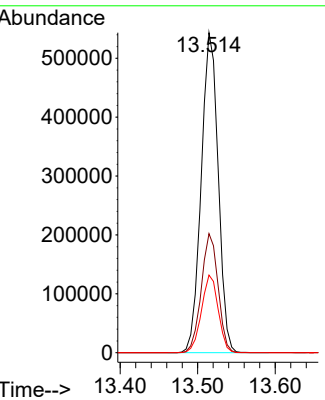
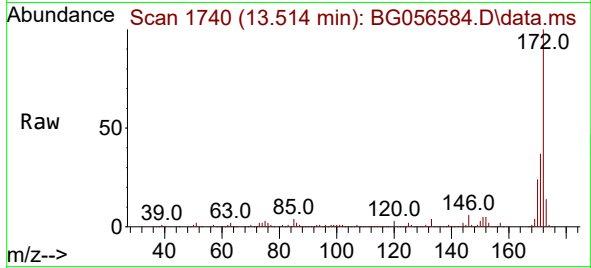


#45
 2-Fluorobiphenyl
 Concen: 97.059 ng
 RT: 13.514 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Instrument : BNA_G
 ClientSampleId : JPP-18A-020223

Tgt Ion:172 Resp: 826319

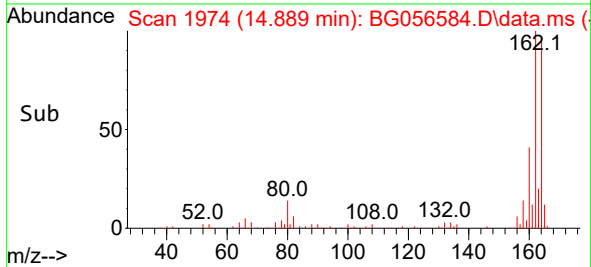
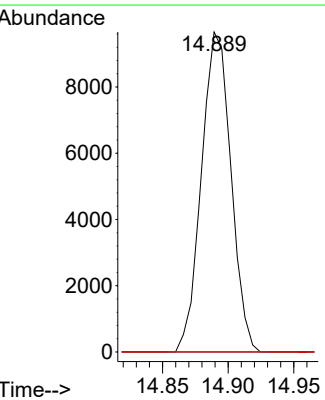
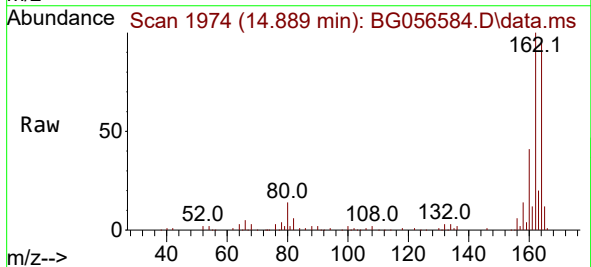
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.2	19.2	28.8

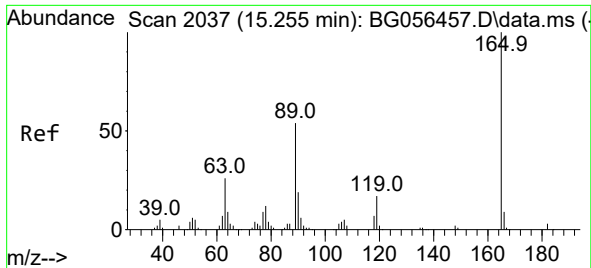


#51
 2,6-Dinitrotoluene
 Concen: 7.258 ng
 RT: 14.889 min Scan# 1974
 Delta R.T. 0.427 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Tgt Ion:165 Resp: 15115

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.9	40.3#
89	0.0	35.6	53.4#

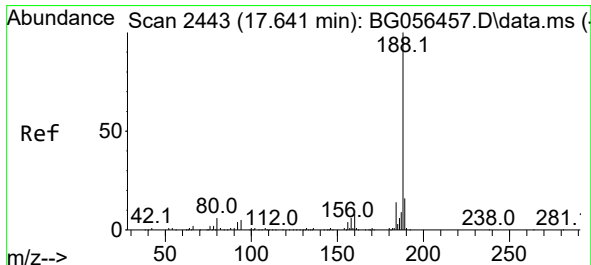
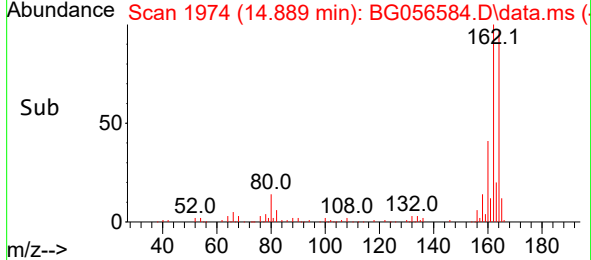
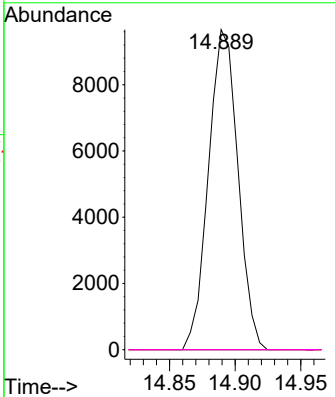
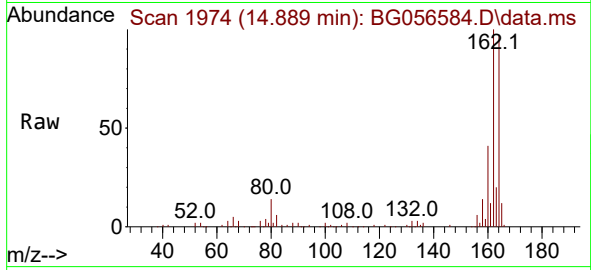




#57
 2,4-Dinitrotoluene
 Concen: 5.153 ng
 RT: 14.889 min Scan# 1974
 Delta R.T. -0.360 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

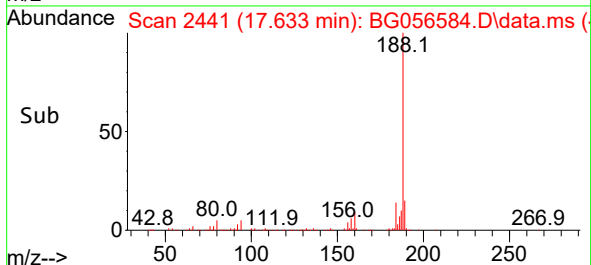
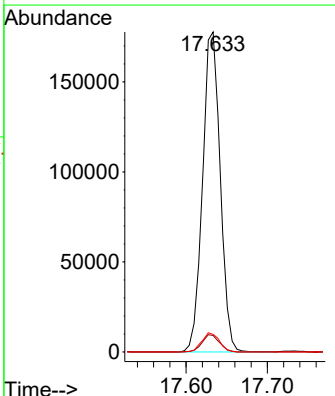
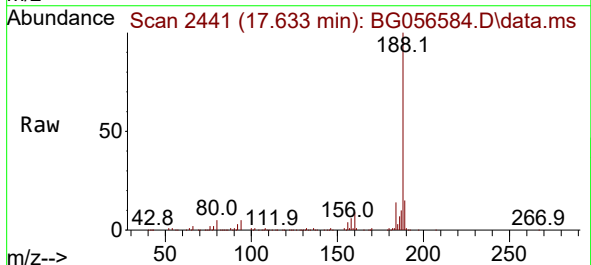
Instrument : BNA_G
 ClientSampleId : JPP-18A-020223

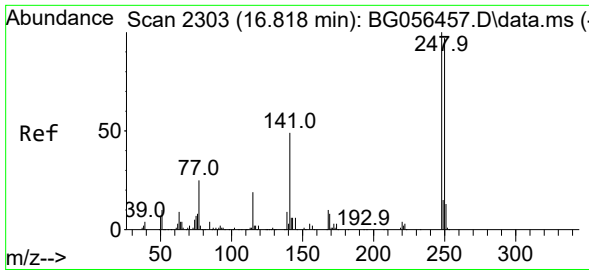
Tgt Ion	Resp	Lower	Upper
165	15115		
165	100		
63	0.0	20.6	31.0#
89	0.0	43.1	64.7#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.633 min Scan# 2441
 Delta R.T. 0.004 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

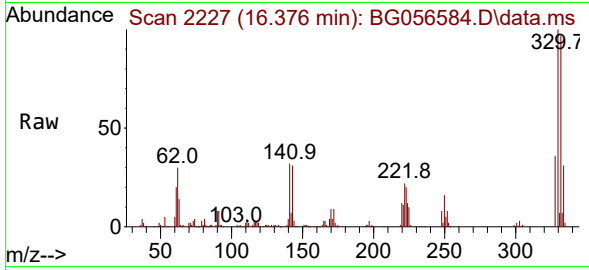
Tgt Ion	Resp	Lower	Upper
188	267428		
188	100		
94	5.1	4.1	6.1
80	5.5	5.0	7.4



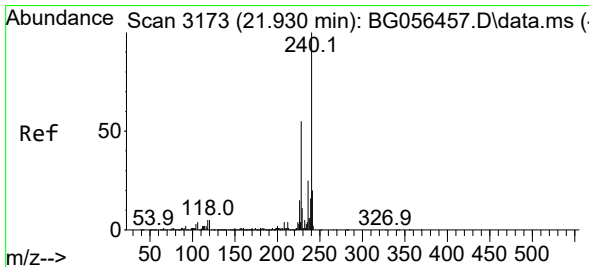
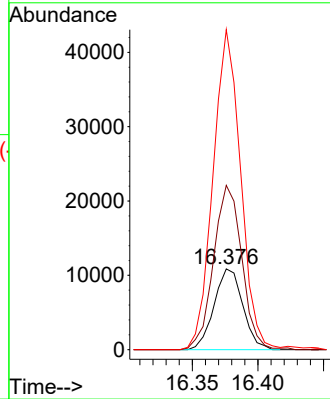
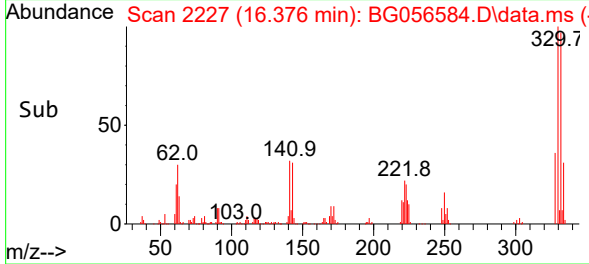


#67
 4-Bromophenyl-phenylether
 Concen: 4.825 ng
 RT: 16.376 min Scan# 21
 Delta R.T. -0.431 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

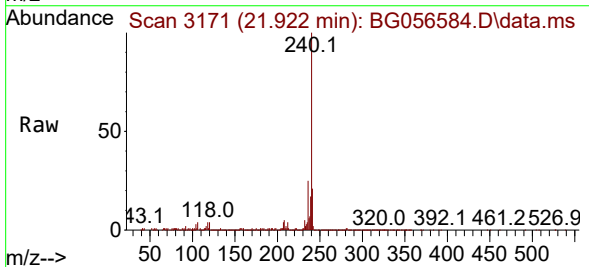
Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223



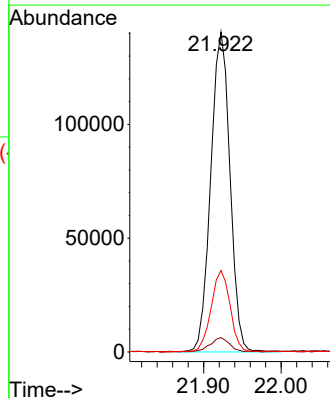
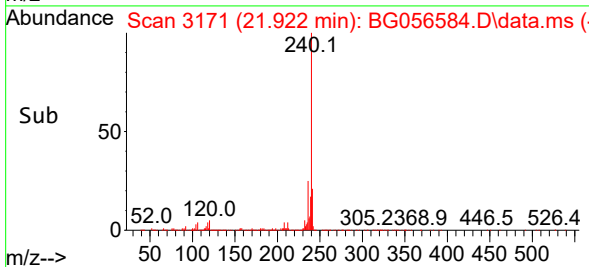
Tgt Ion:248 Resp: 16519
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.6 116.4#
 141 396.1 39.0 58.4#

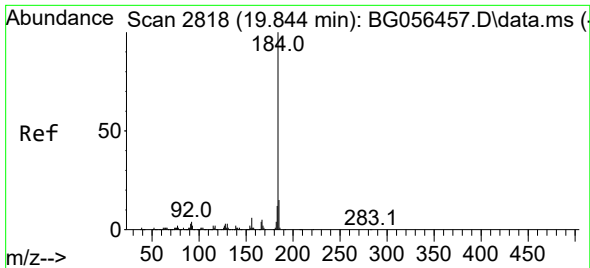


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.922 min Scan# 3171
 Delta R.T. -0.002 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33



Tgt Ion:240 Resp: 242377
 Ion Ratio Lower Upper
 240 100
 120 4.5 3.8 5.8
 236 25.4 20.2 30.2



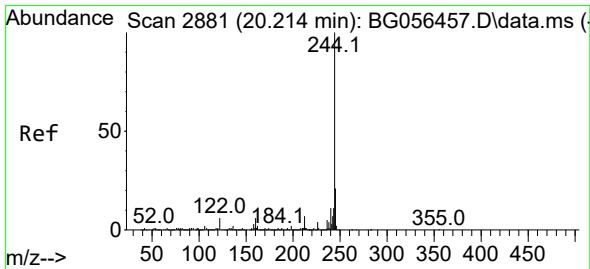
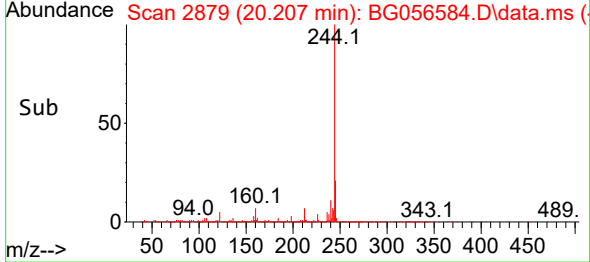
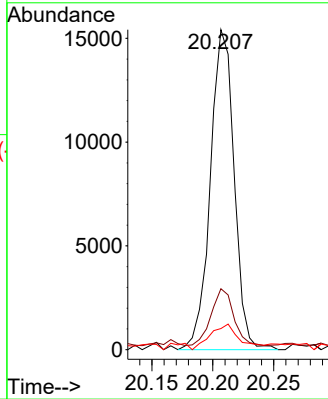
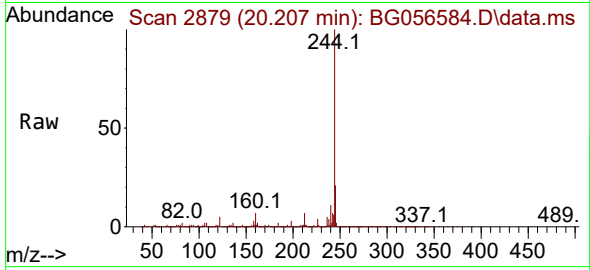


#77
 Benzidine
 Concen: 3.198 ng
 RT: 20.207 min Scan# 2879
 Delta R.T. 0.374 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Instrument : BNA_G
 ClientSampleId : JPP-18A-020223

Tgt Ion:184 Resp: 20974

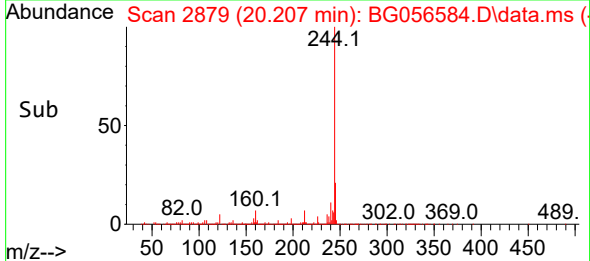
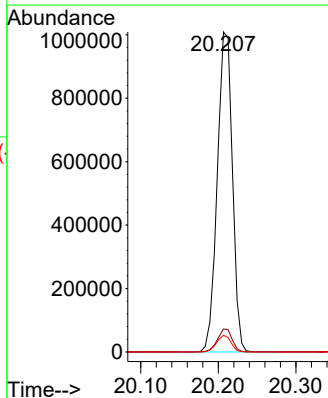
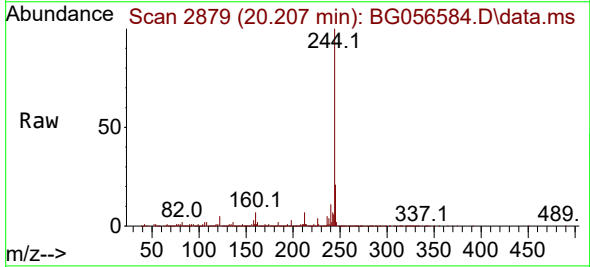
Ion	Ratio	Lower	Upper
184	100		
185	19.0	12.3	18.5#
183	6.6	9.8	14.8#

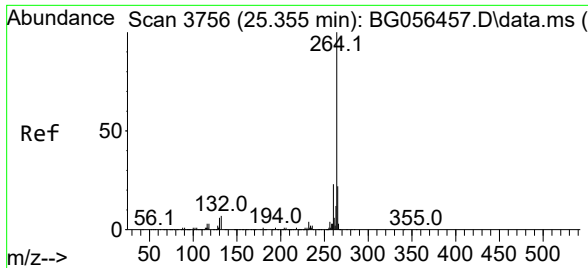


#79
 Terphenyl-d14
 Concen: 99.344 ng
 RT: 20.207 min Scan# 2879
 Delta R.T. -0.002 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Tgt Ion:244 Resp: 1370936

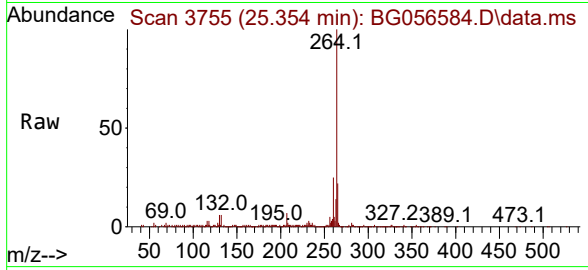
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	5.2	4.4	6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.354 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223



Tgt Ion:264 Resp: 266690

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	22.0	18.1	27.1

