

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG060001.D
 Acq On : 13 Dec 2023 18:04
 Operator : MA/JU
 Sample : PB157563BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL

Quant Time: Dec 14 03:00:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

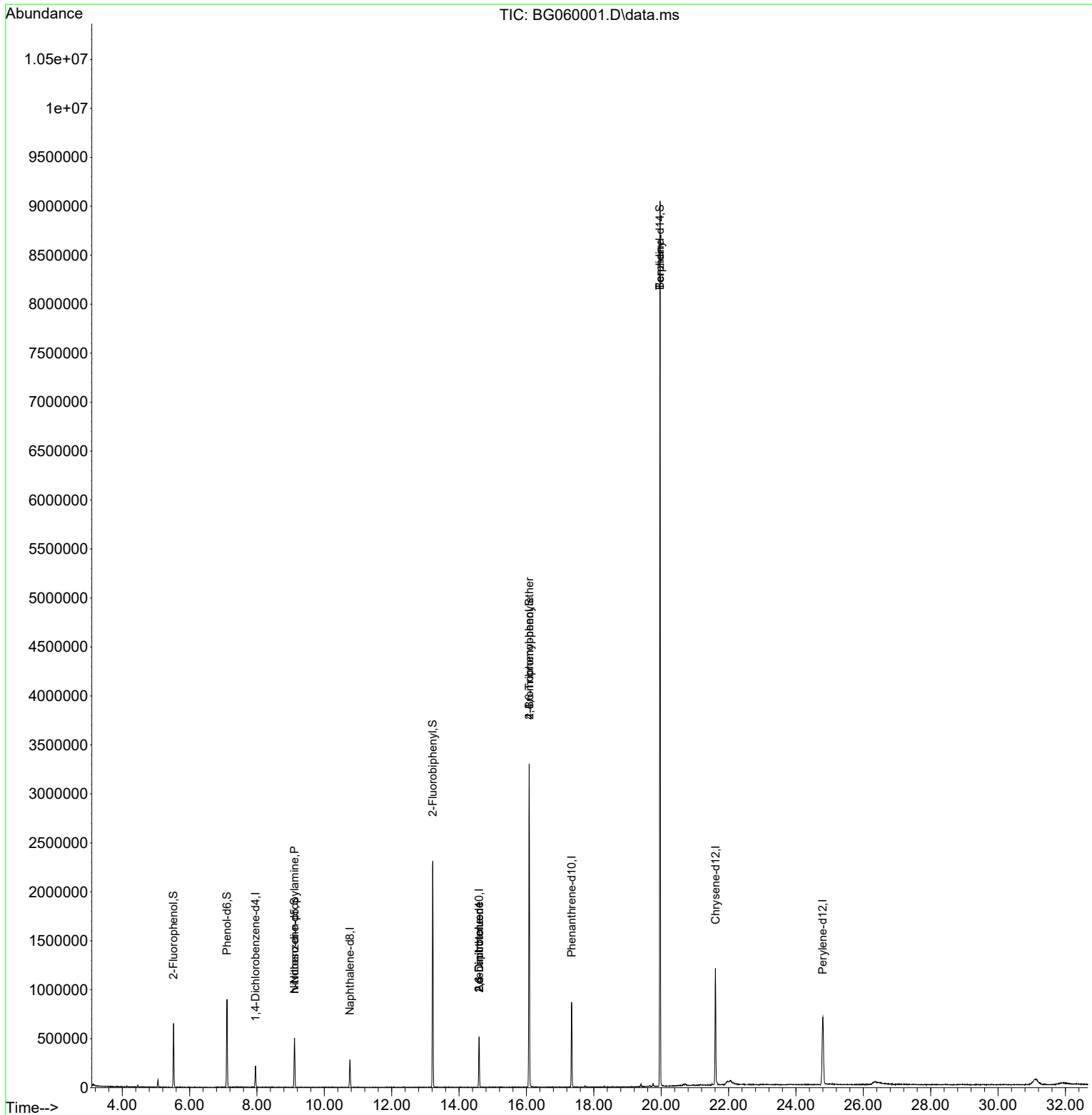
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	58207	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	219599	20.000	ng	0.00
39) Acenaphthene-d10	14.594	164	185542	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	595603	20.000	ng	0.00
76) Chrysene-d12	21.609	240	759147	20.000	ng	# 0.00
86) Perylene-d12	24.794	264	883435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	230457	67.777	ng	0.00
7) Phenol-d6	7.109	99	450641	94.218	ng	0.00
23) Nitrobenzene-d5	9.112	82	295484	61.100	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	756778	175.018	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1271341	83.862	ng	0.00
79) Terphenyl-d14	19.964	244	4554391	109.531	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.112	70	39033	12.649	ng	# 78
51) 2,6-Dinitrotoluene	14.594	165	26398	8.848	ng	# 25
57) 2,4-Dinitrotoluene	14.594	165	26398	6.295	ng	# 28
67) 4-Bromophenyl-phenylether	16.081	248	43483	5.174	ng	# 1
69) Atrazine	16.797	200	1102	Below Cal		80
77) Benzidine	19.964	184	74659	7.657	ng	# 89

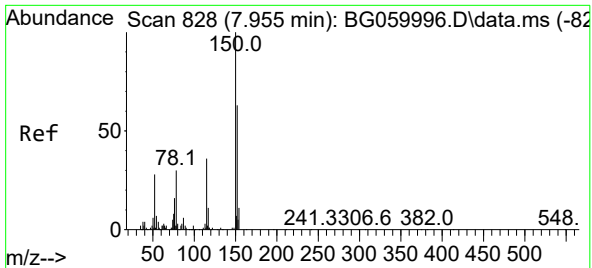
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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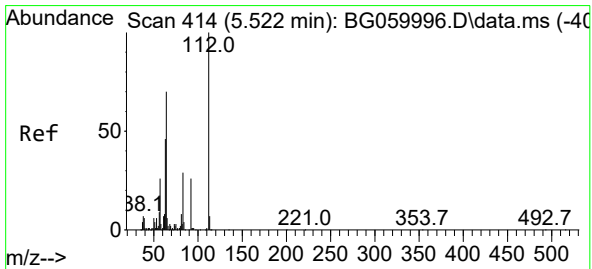
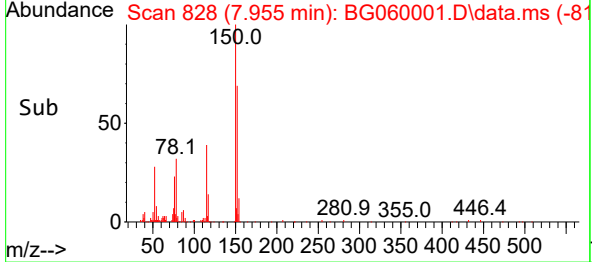
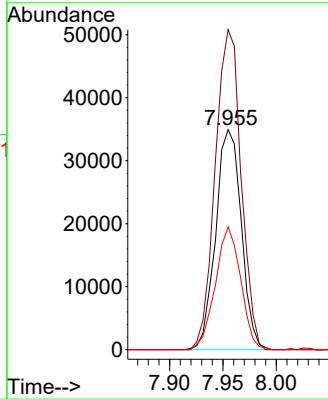
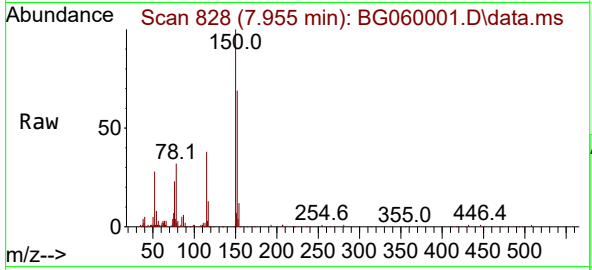


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL

Tgt Ion:152 Resp: 58207

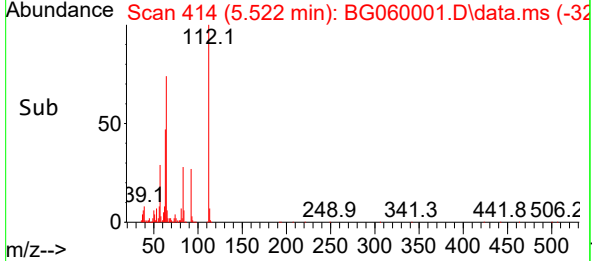
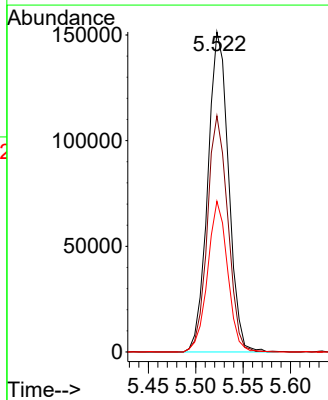
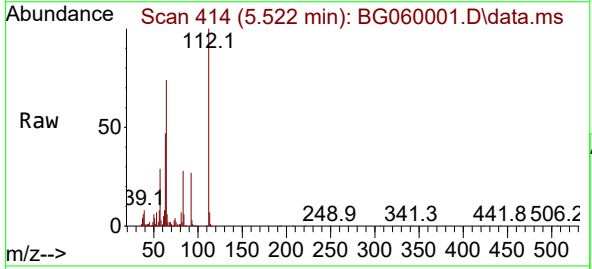
Ion	Ratio	Lower	Upper
152	100		
150	145.5	127.0	190.6
115	55.9	45.7	68.5

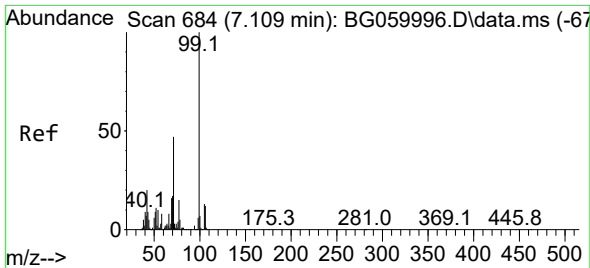


#5
 2-Fluorophenol
 Concen: 67.777 ng
 RT: 5.522 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Tgt Ion:112 Resp: 230457

Ion	Ratio	Lower	Upper
112	100		
64	73.8	55.9	83.9
63	47.1	36.5	54.7

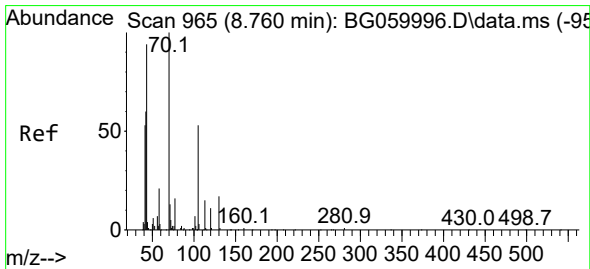
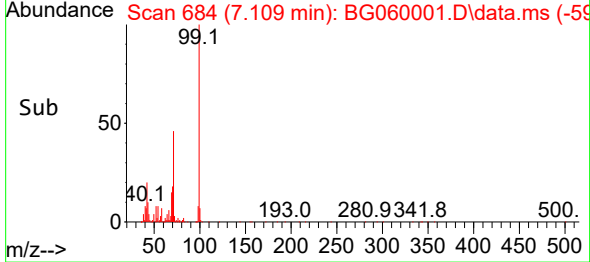
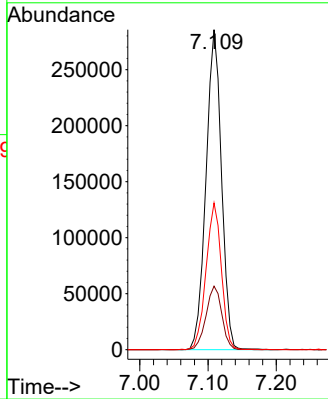
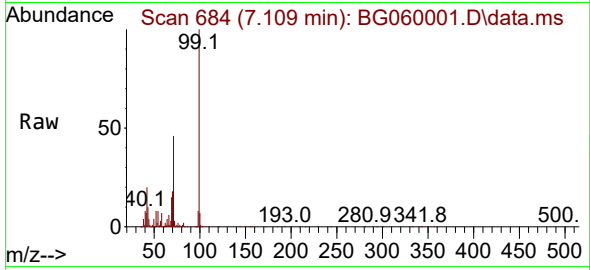




#7
 Phenol-d6
 Concen: 94.218 ng
 RT: 7.109 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

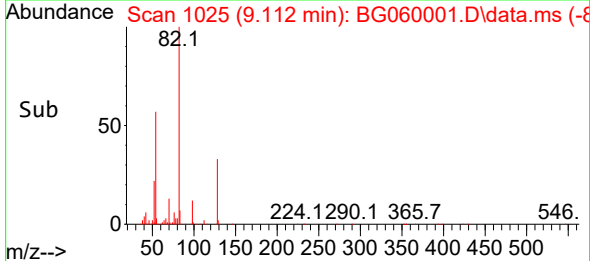
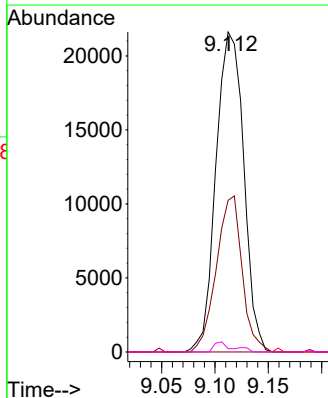
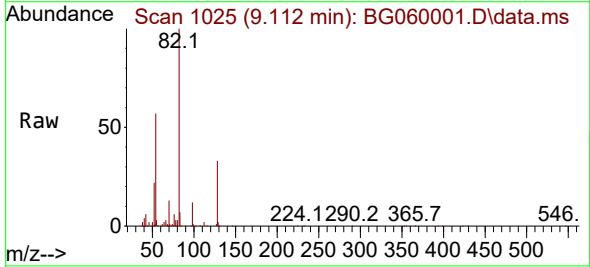
Instrument : BNA_G
 ClientSampleId : PB157563BL

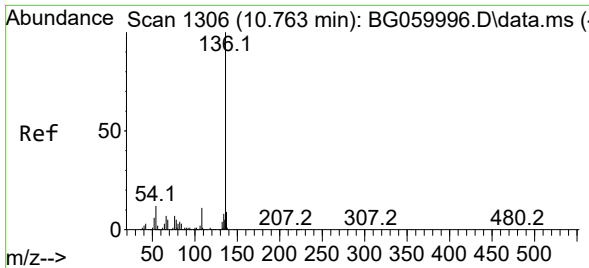
Tgt Ion	Resp	Lower	Upper
99	450641		
42	19.9	16.2	24.4
71	45.9	37.6	56.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 12.649 ng
 RT: 9.112 min Scan# 1025
 Delta R.T. 0.352 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

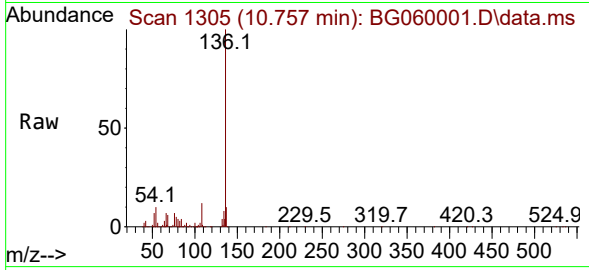
Tgt Ion	Resp	Lower	Upper
70	39033		
42	47.4	48.6	73.0#
101	0.7	5.7	8.5#
130	1.1	13.6	20.4#





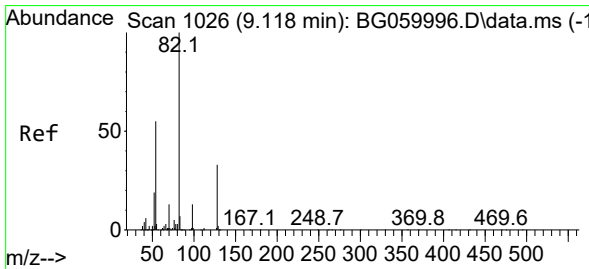
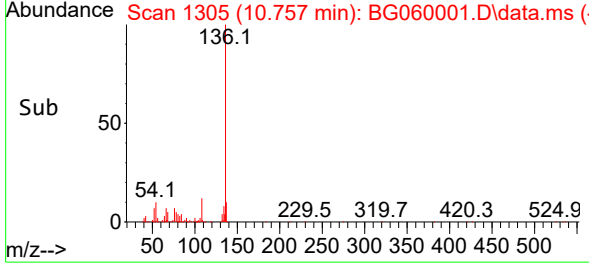
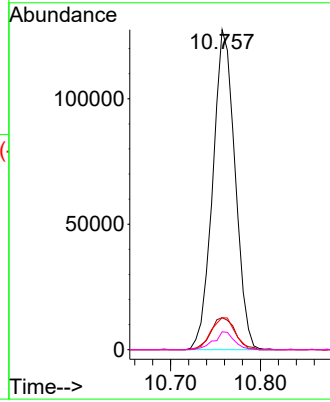
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.757 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL



Tgt Ion:136 Resp: 219599

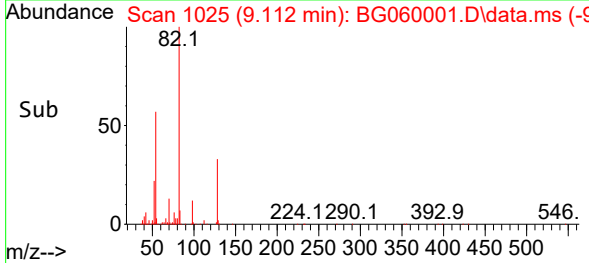
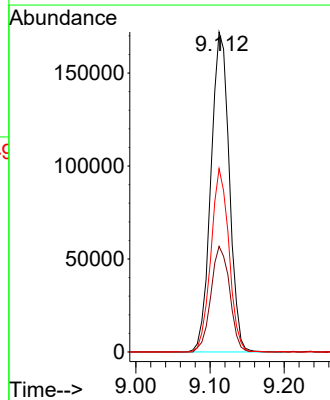
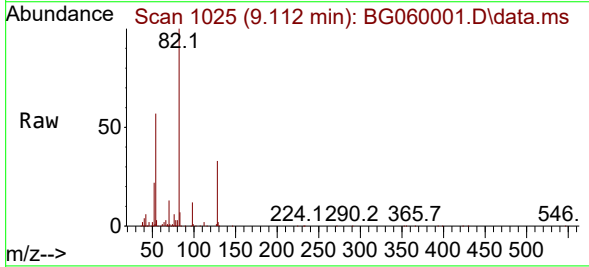
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.3	10.9
54	10.0	9.6	14.4
68	5.6	4.1	6.1

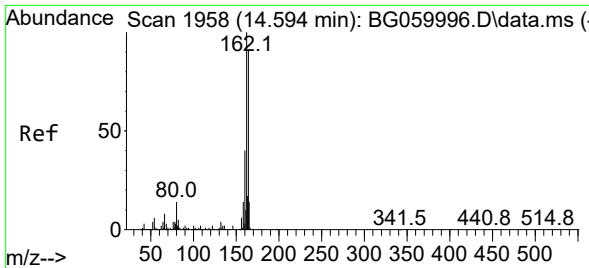


#23
 Nitrobenzene-d5
 Concen: 61.100 ng
 RT: 9.112 min Scan# 1025
 Delta R.T. -0.006 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Tgt Ion: 82 Resp: 295484

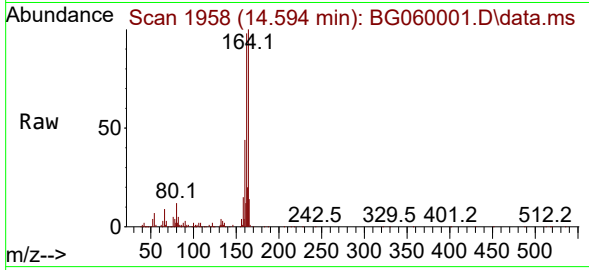
Ion	Ratio	Lower	Upper
82	100		
128	33.0	26.3	39.5
54	57.3	44.3	66.5



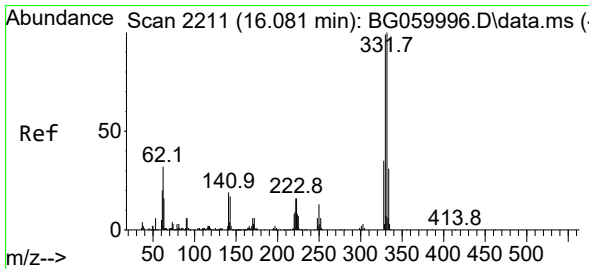
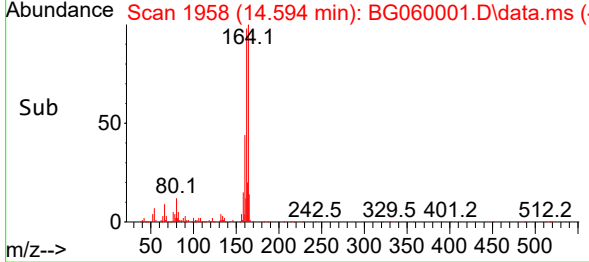
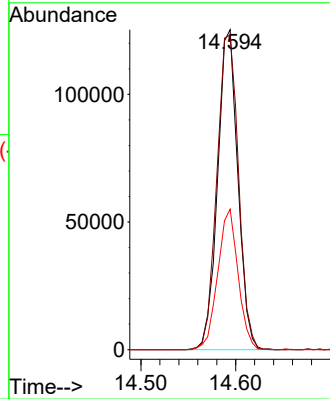


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.594 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

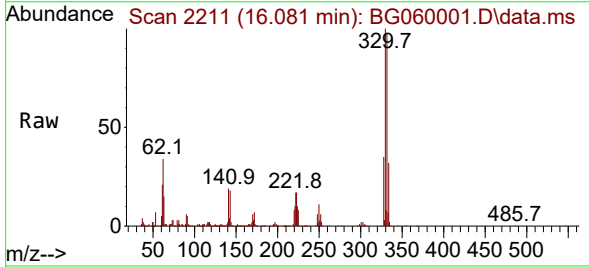
Instrument : BNA_G
 ClientSampleId : PB157563BL



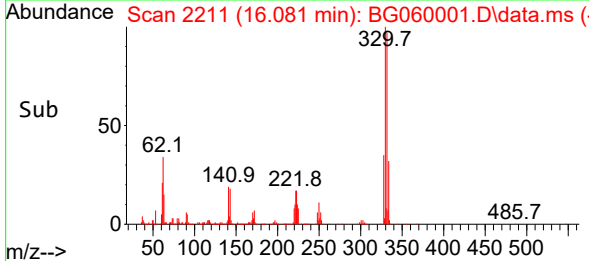
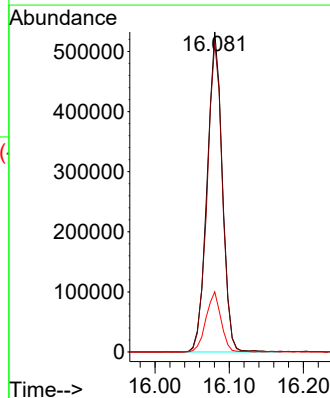
Tgt Ion:164 Resp: 185542
 Ion Ratio Lower Upper
 164 100
 162 98.4 88.1 132.1
 160 43.9 35.4 53.0

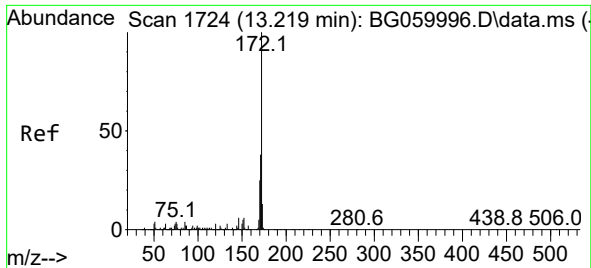


#42
 2,4,6-Tribromophenol
 Concen: 175.018 ng
 RT: 16.081 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04



Tgt Ion:330 Resp: 756778
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 18.6 14.3 21.5



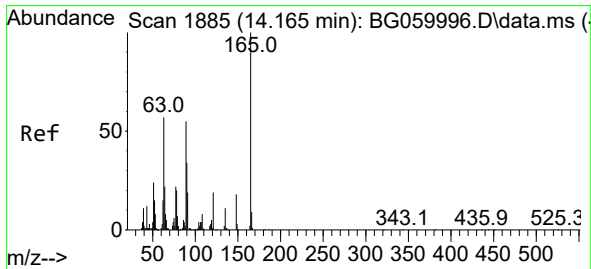
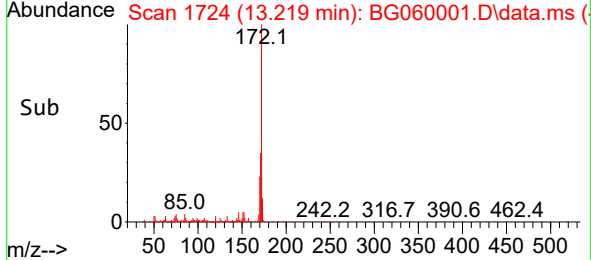
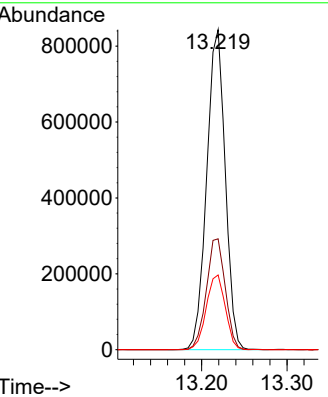
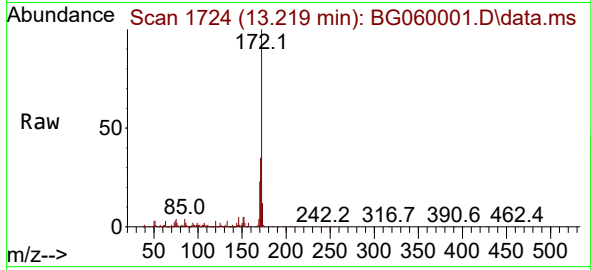


#45
 2-Fluorobiphenyl
 Concen: 83.862 ng
 RT: 13.219 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL

Tgt Ion:172 Resp: 1271341

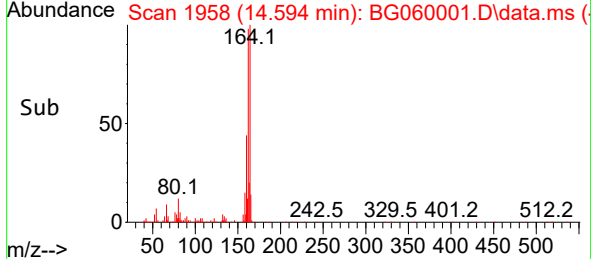
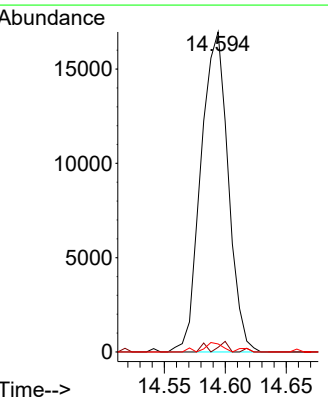
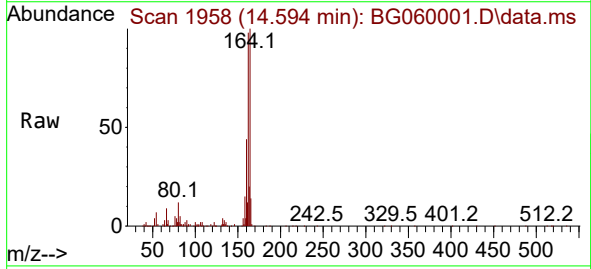
Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.1	45.1
170	23.4	20.0	30.0

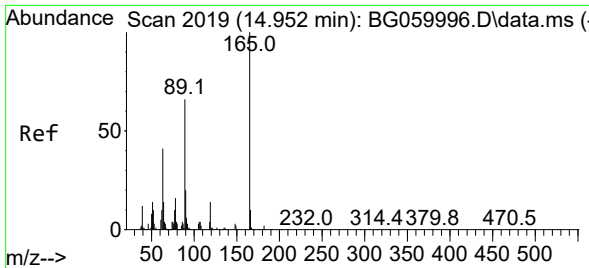


#51
 2,6-Dinitrotoluene
 Concen: 8.848 ng
 RT: 14.594 min Scan# 1958
 Delta R.T. 0.429 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Tgt Ion:165 Resp: 26398

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.2	72.2#
89	2.5	44.4	66.6#

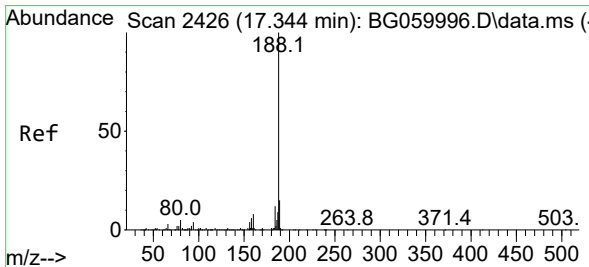
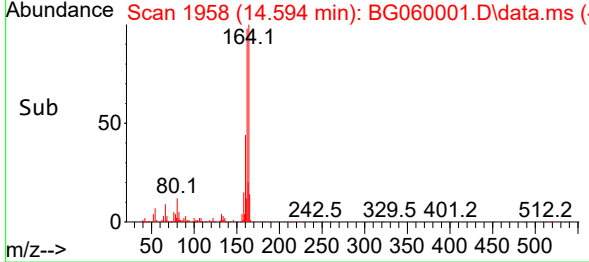
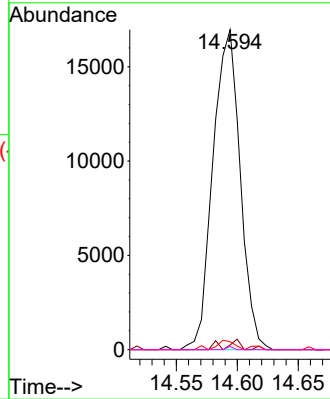
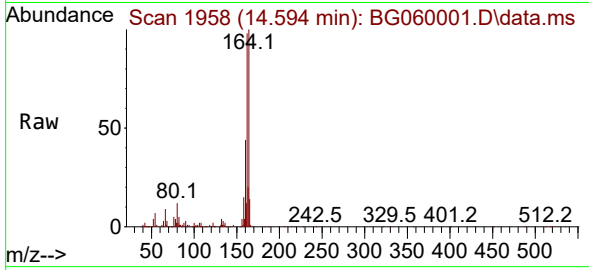




#57
 2,4-Dinitrotoluene
 Concen: 6.295 ng
 RT: 14.594 min Scan# 1958
 Delta R.T. -0.358 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

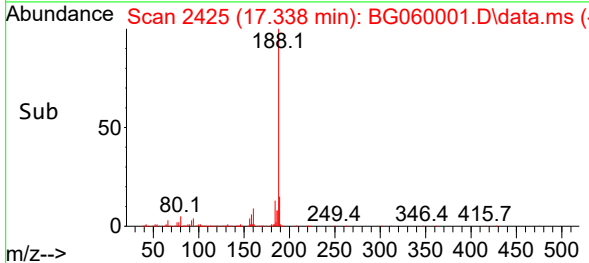
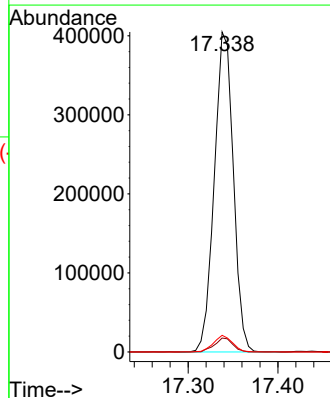
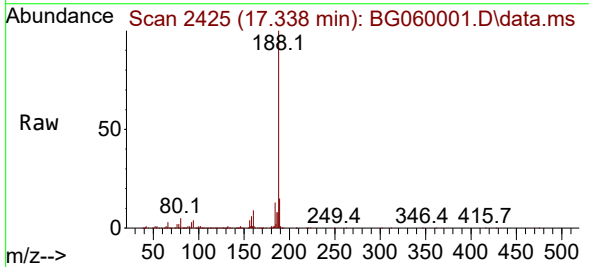
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 ClientSampleId :
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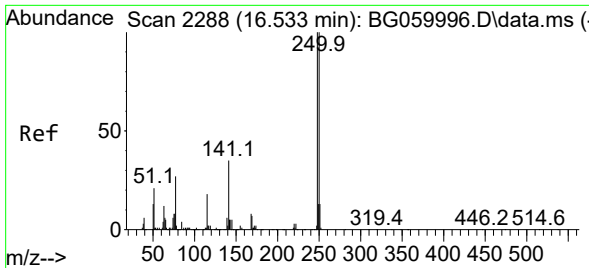
Tgt Ion	Resp	Lower	Upper
165	26398		
63	1.4	32.8	49.2#
89	2.5	53.0	79.6#
182	1.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.338 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Tgt Ion	Resp	Lower	Upper
188	595603		
94	4.3	3.0	4.6
80	5.2	4.0	6.0

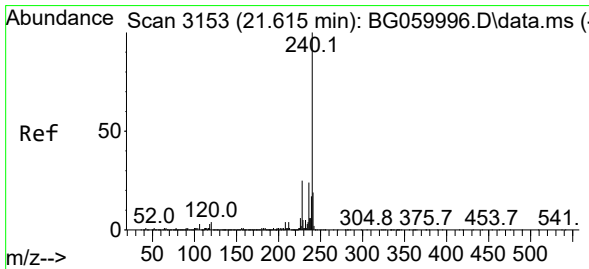
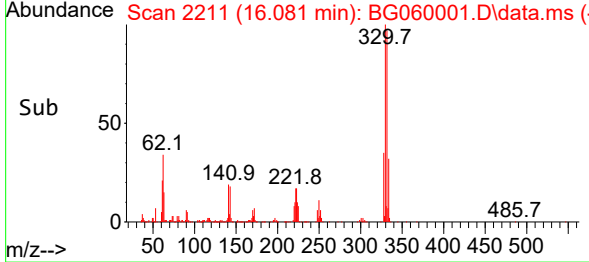
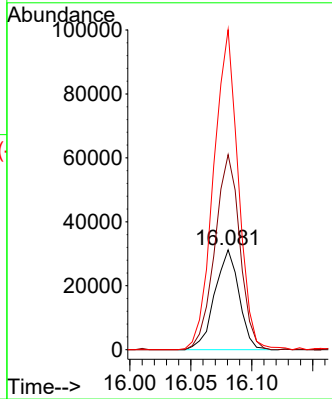
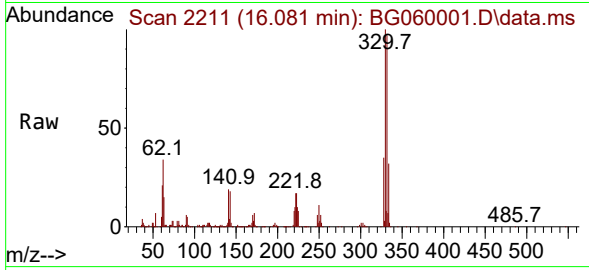




#67
 4-Bromophenyl-phenylether
 Concen: 5.174 ng
 RT: 16.081 min Scan# 211
 Delta R.T. -0.453 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

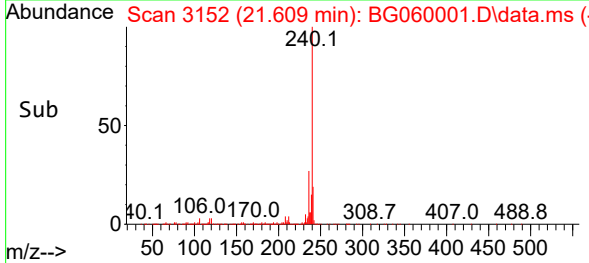
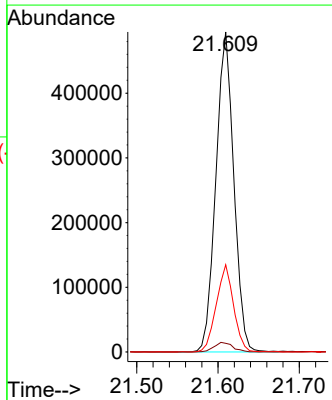
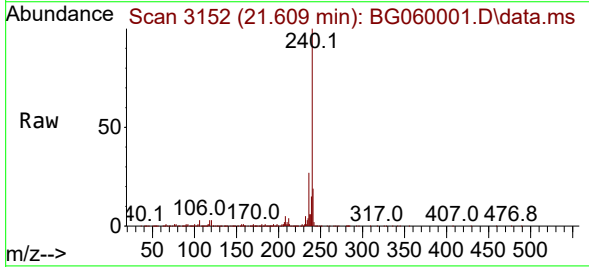
Instrument : BNA_G
 ClientSampleId : PB157563BL

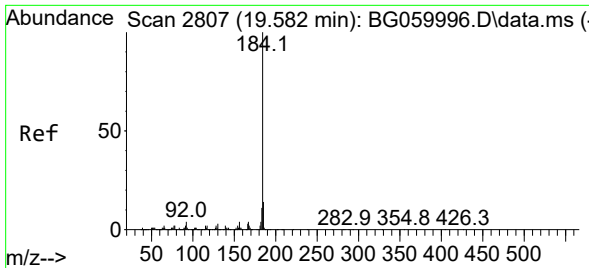
Tgt Ion	Resp	Lower	Upper
248	100		
250	195.4	79.9	119.9#
141	320.7	28.3	42.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.609 min Scan# 3152
 Delta R.T. -0.006 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Tgt Ion	Resp	Lower	Upper
240	100		
120	2.7	2.9	4.3#
236	27.3	19.4	29.2



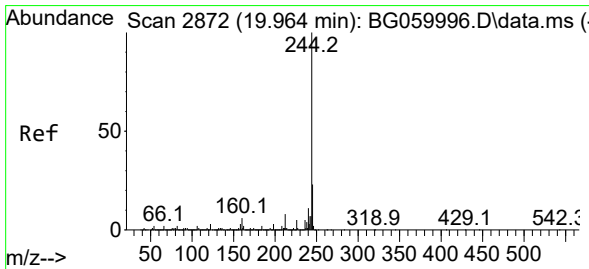
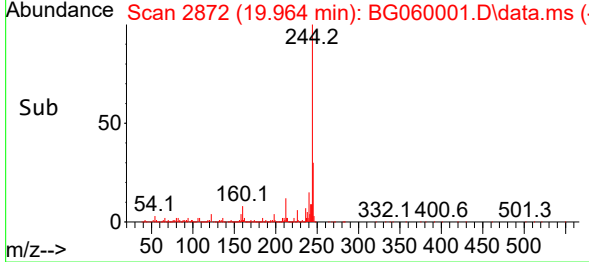
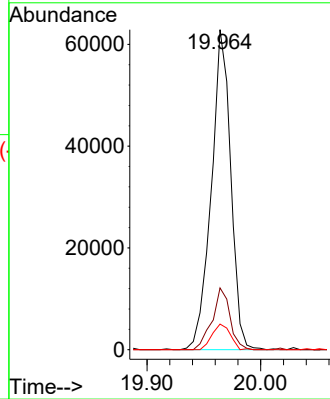
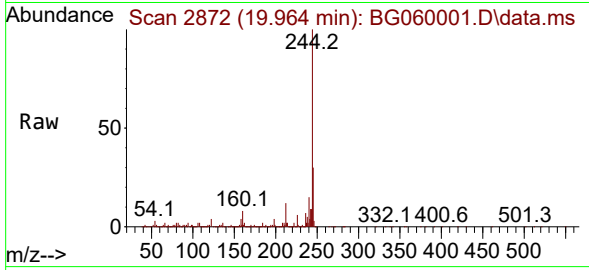


#77
 Benzidine
 Concen: 7.657 ng
 RT: 19.964 min Scan# 2872
 Delta R.T. 0.382 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL

Tgt Ion:184 Resp: 74659

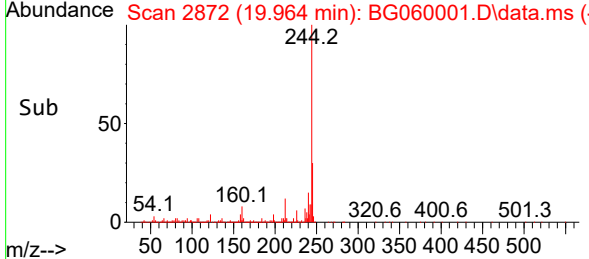
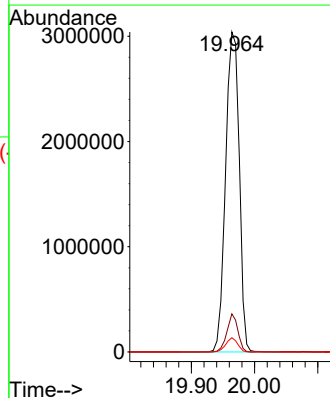
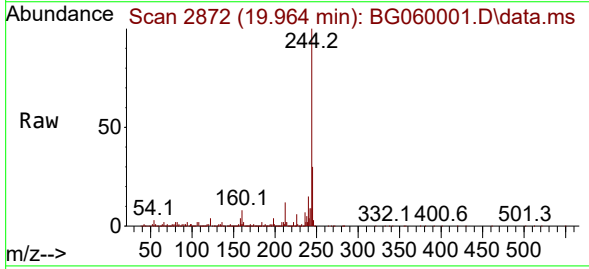
Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.1	16.7#
183	8.0	9.0	13.4#

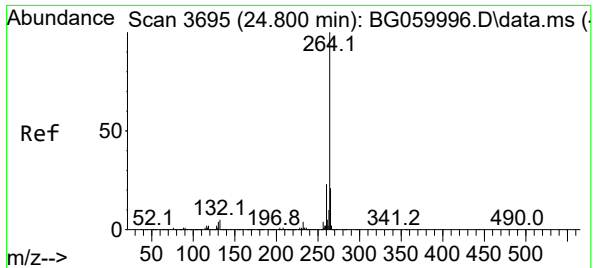


#79
 Terphenyl-d14
 Concen: 109.531 ng
 RT: 19.964 min Scan# 2872
 Delta R.T. -0.000 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Tgt Ion:244 Resp: 4554391

Ion	Ratio	Lower	Upper
244	100		
212	11.9	6.8	10.2#
122	4.5	2.6	3.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.794 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG060001.D
 Acq: 13 Dec 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL

Tgt Ion:264 Resp: 883435

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	17.3	25.9

