

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053035.D
 Acq On : 5 Apr 2022 17:11
 Operator : CG/JU
 Sample : PB143823TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143823TB

Quant Time: Apr 05 18:05:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

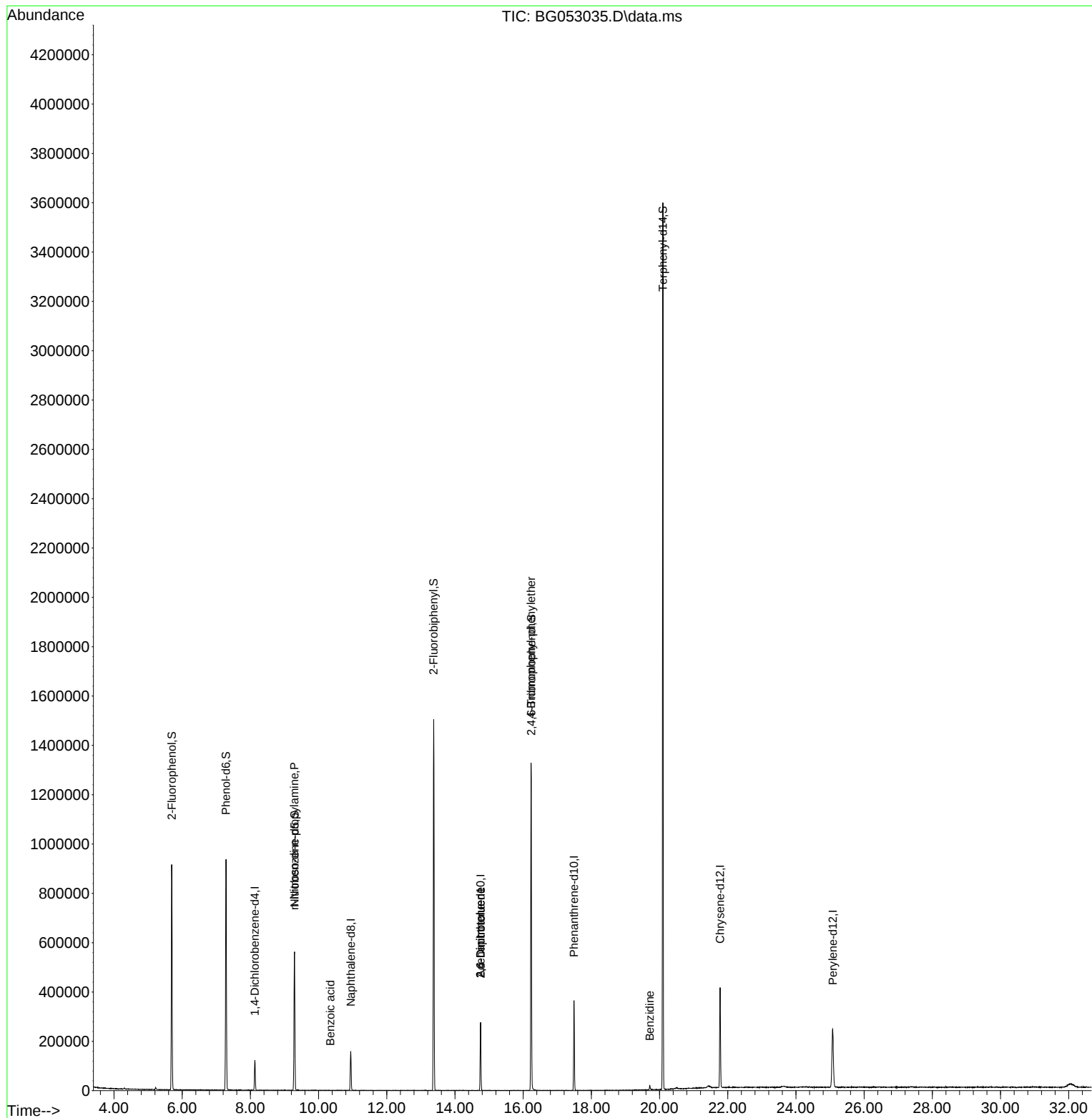
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	33386	20.000	ng	-0.02
21) Naphthalene-d8	10.945	136	129880	20.000	ng	-0.02
39) Acenaphthene-d10	14.751	164	98432	20.000	ng	-0.02
64) Phenanthrene-d10	17.489	188	240864	20.000	ng	-0.02
76) Chrysene-d12	21.777	240	278526	20.000	ng	-0.02
86) Perylene-d12	25.078	264	279622	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	359219	187.379	ng	0.00
7) Phenol-d6	7.285	99	508546	175.956	ng	0.00
23) Nitrobenzene-d5	9.294	82	363605	140.510	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	261836	197.961	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	798103	119.583	ng	-0.02
79) Terphenyl-d14	20.097	244	1715853	109.586	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.279	77	1146	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.288	70	52154	25.479	ng	# 74
32) Benzoic acid	10.345	122	72	5.720	ng	# 1
51) 2,6-Dinitrotoluene	14.751	165	12439	10.071	ng	# 25
57) 2,4-Dinitrotoluene	14.751	165	12439	7.258	ng	# 24
67) 4-Bromophenyl-phenylether	16.232	248	17856	6.149	ng	# 1
77) Benzydine	19.715	184	15666	2.181	ng	# 93

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

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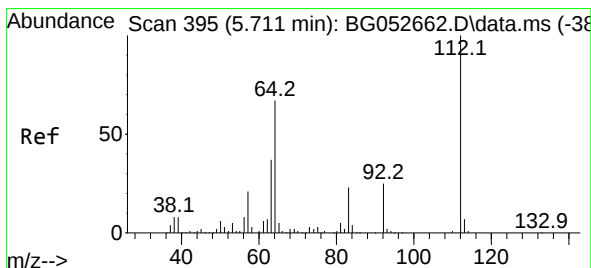
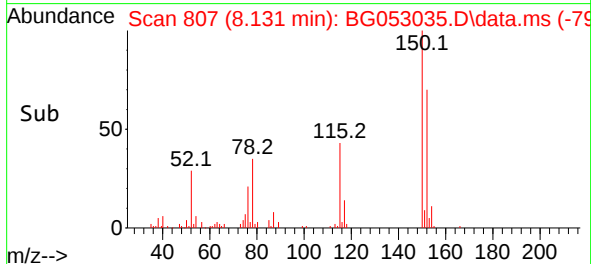
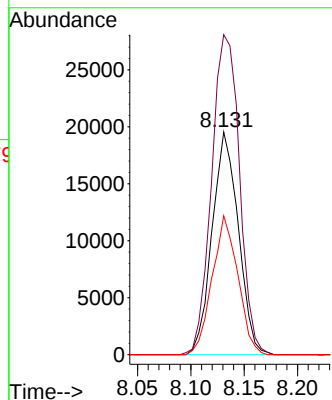
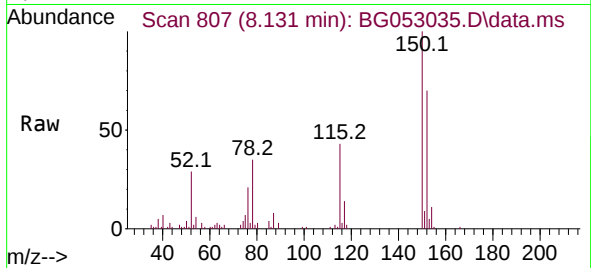




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.131 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

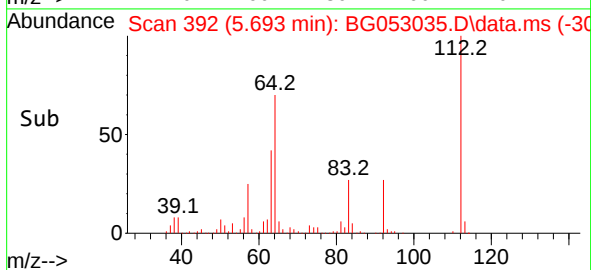
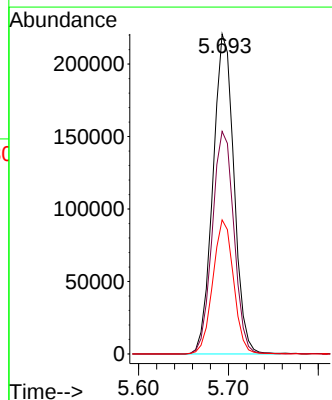
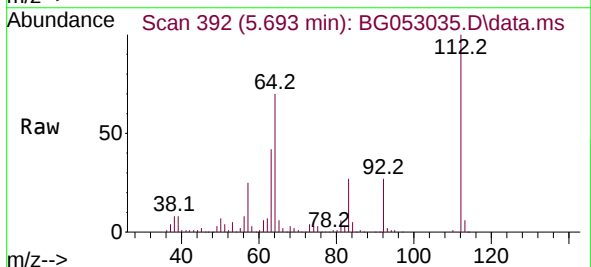
Instrument :
BNA_G
ClientSampleId :
PB143823TB

Tgt Ion:152 Resp: 33386
Ion Ratio Lower Upper
152 100
150 143.7 114.6 172.0
115 62.4 45.9 68.9



#5
2-Fluorophenol
Concen: 187.379 ng
RT: 5.693 min Scan# 392
Delta R.T. -0.004 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Tgt Ion:112 Resp: 359219
Ion Ratio Lower Upper
112 100
64 69.6 48.0 72.0
63 41.9 26.5 39.7#

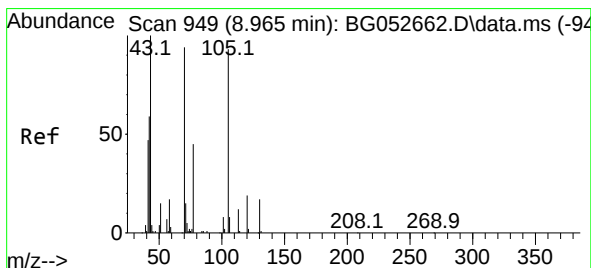
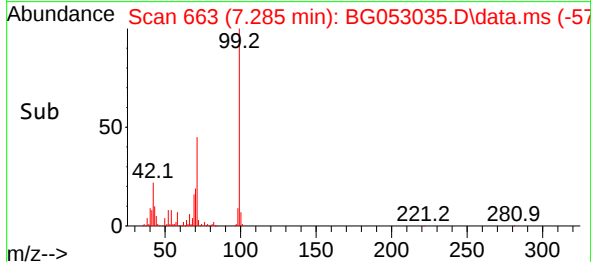
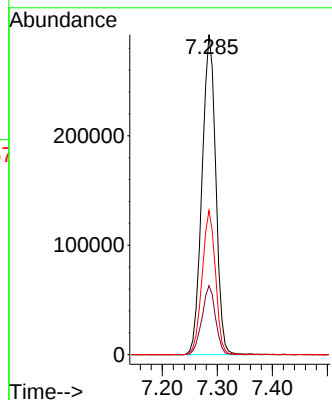
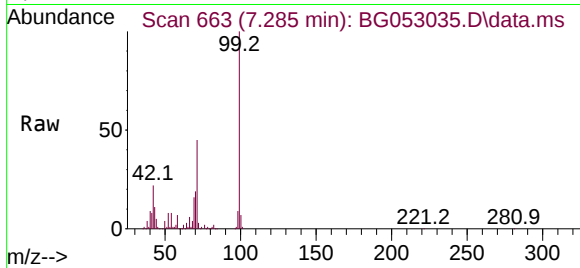




#7
Phenol-d6
Concen: 175.956 ng
RT: 7.285 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

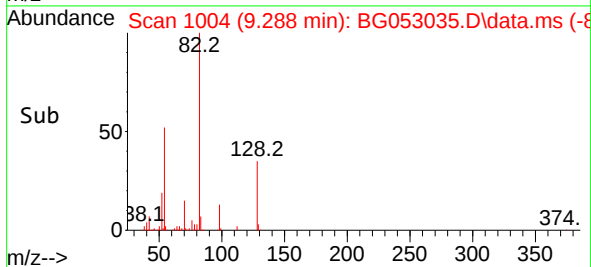
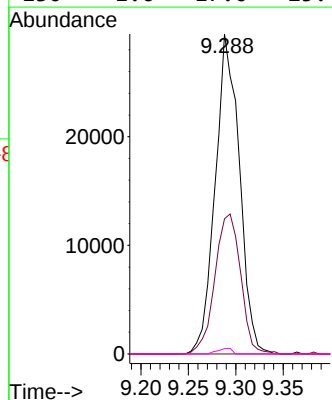
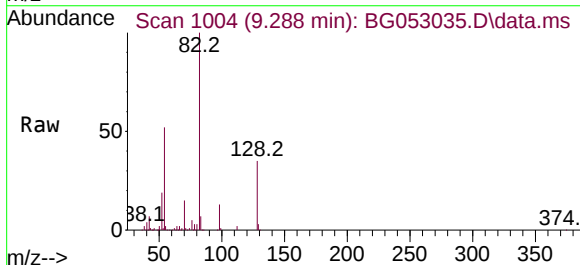
Instrument :
BNA_G
ClientSampleId :
PB143823TB

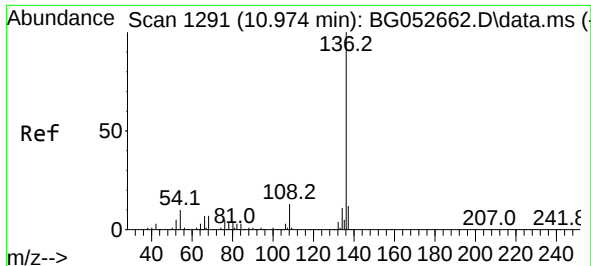
Tgt Ion: 99 Resp: 508546
Ion Ratio Lower Upper
99 100
42 21.6 14.7 22.1
71 45.1 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 25.479 ng
RT: 9.288 min Scan# 1004
Delta R.T. 0.343 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Tgt Ion: 70 Resp: 52154
Ion Ratio Lower Upper
70 100
42 42.2 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



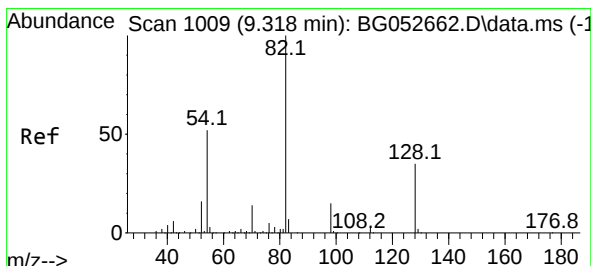
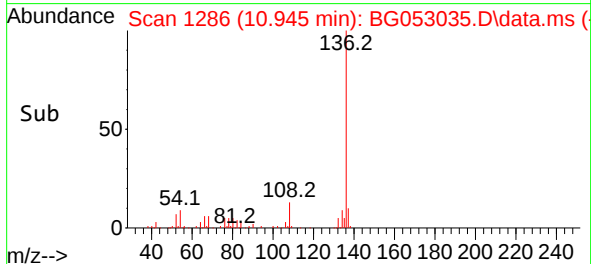
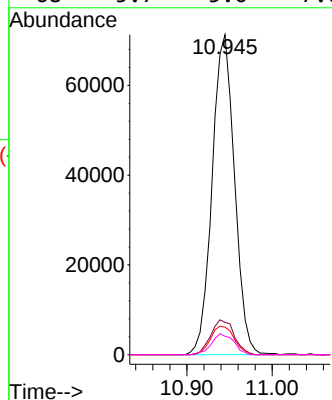
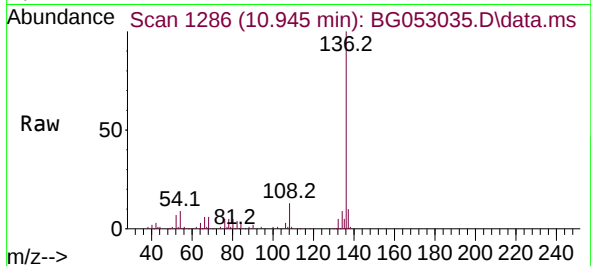


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Instrument :
BNA_G
ClientSampleId :
PB143823TB

Tgt Ion:136 Resp: 129880

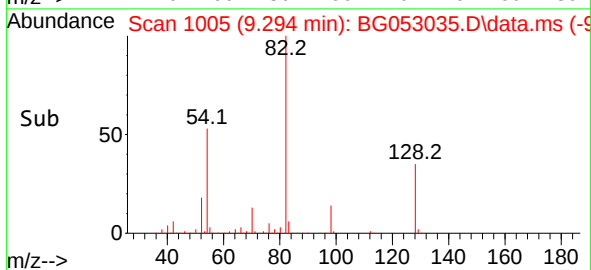
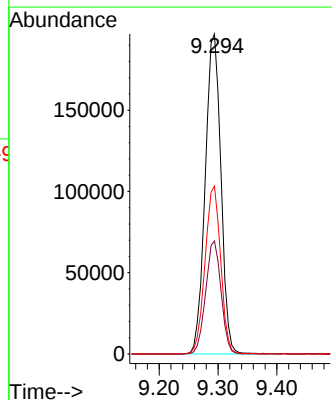
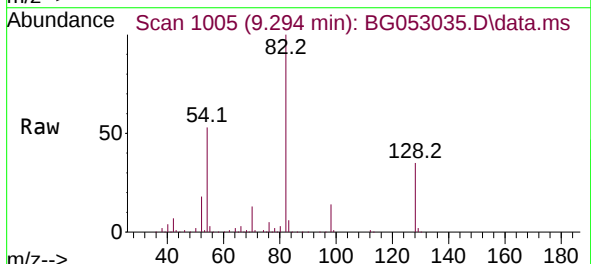
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.2
54	8.6	6.4	9.6
68	5.7	5.0	7.6

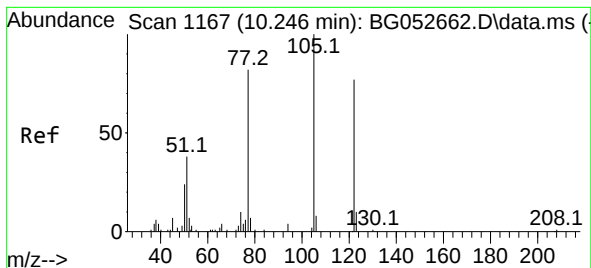


#23
Nitrobenzene-d5
Concen: 140.510 ng
RT: 9.294 min Scan# 1005
Delta R.T. -0.009 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Tgt Ion: 82 Resp: 363605

Ion	Ratio	Lower	Upper
82	100		
128	35.3	31.3	46.9
54	52.5	37.8	56.8

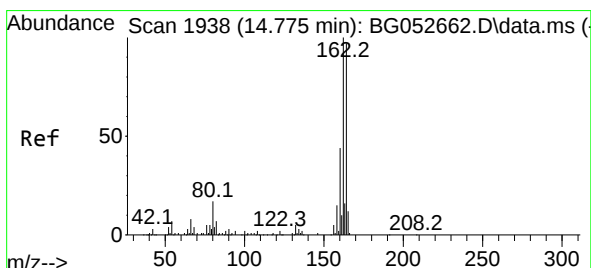
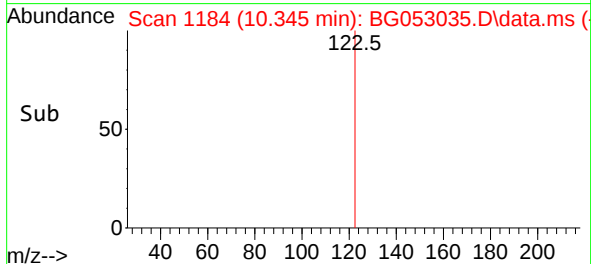
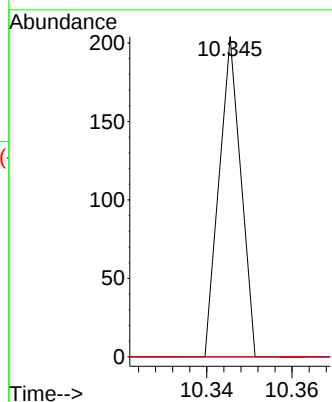
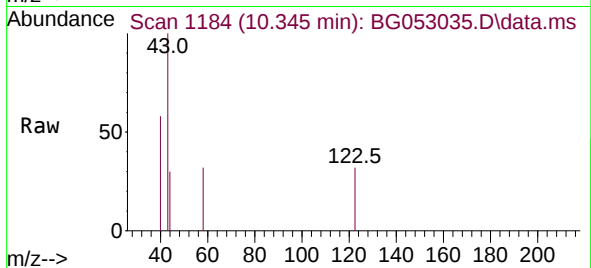




#32
Benzoic acid
Concen: 5.720 ng
RT: 10.345 min Scan# 1167
Delta R.T. 0.108 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

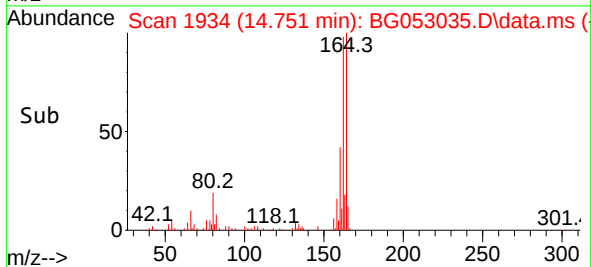
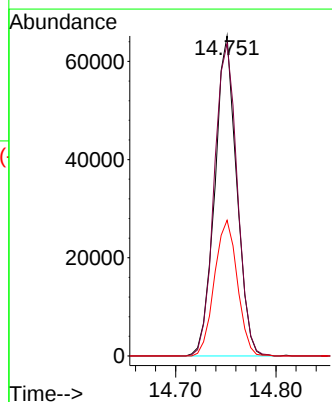
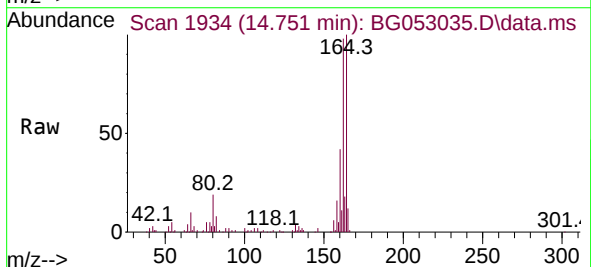
Instrument :
BNA_G
ClientSampleId :
PB143823TB

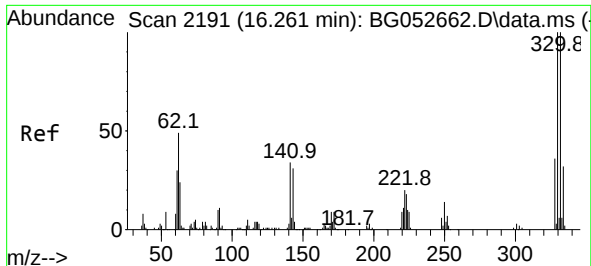
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

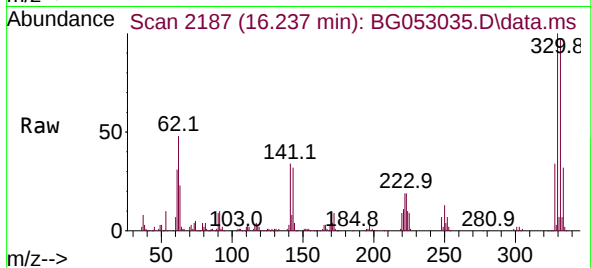
Tgt Ion:164 Resp: 98432
Ion Ratio Lower Upper
164 100
162 97.6 80.0 120.0
160 42.4 38.8 58.2



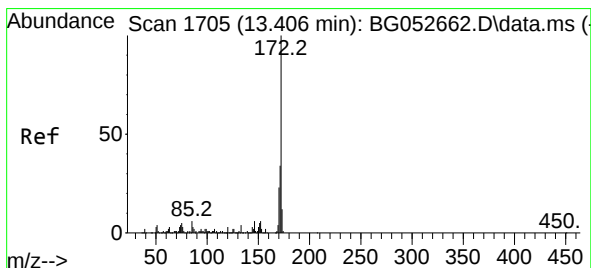
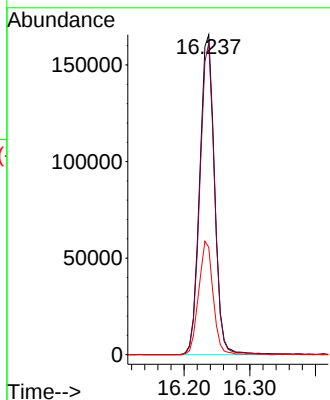
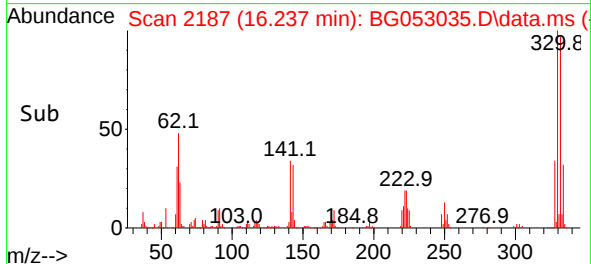


#42
2,4,6-Tribromophenol
Concen: 197.961 ng
RT: 16.237 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Instrument :
BNA_G
ClientSampleId :
PB143823TB

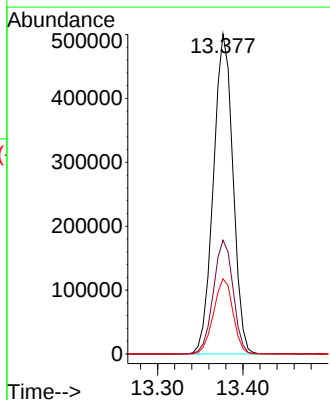
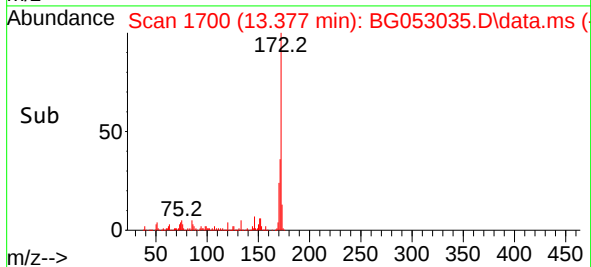
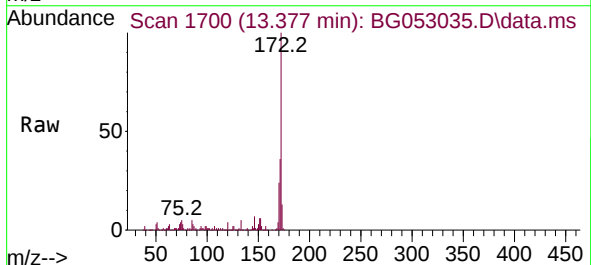


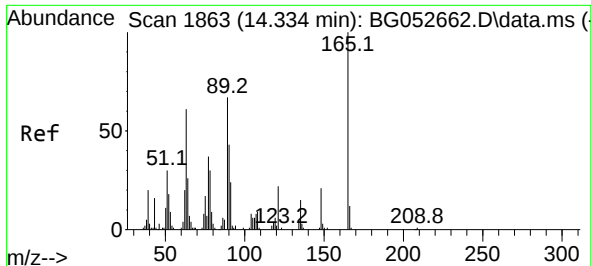
Tgt Ion:330 Resp: 261836
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 34.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 119.583 ng
RT: 13.377 min Scan# 1700
Delta R.T. -0.015 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Tgt Ion:172 Resp: 798103
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 18.0 27.0

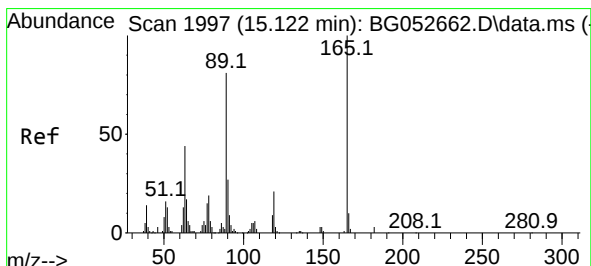
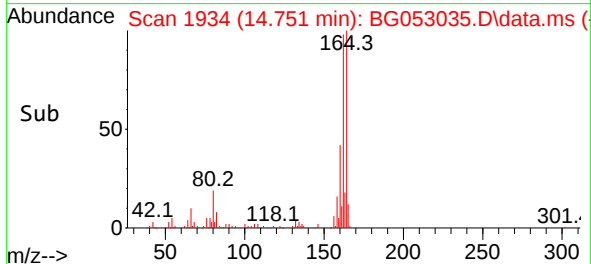
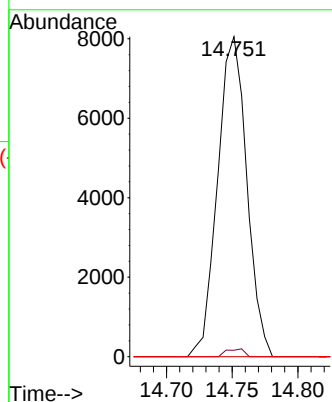
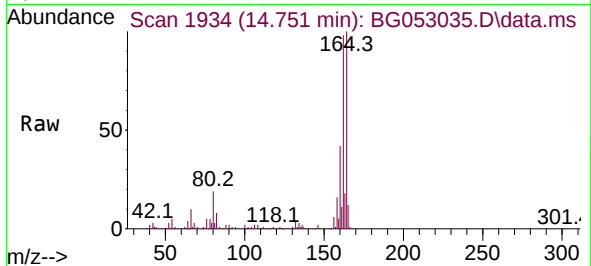




#51
2,6-Dinitrotoluene
Concen: 10.071 ng
RT: 14.751 min Scan# 1934
Delta R.T. 0.425 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

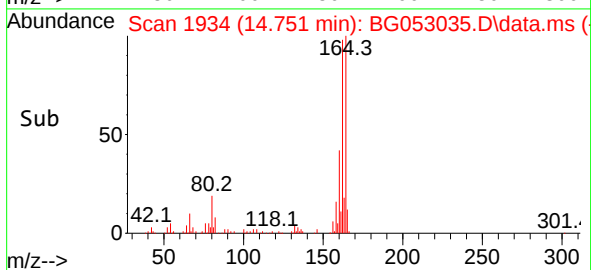
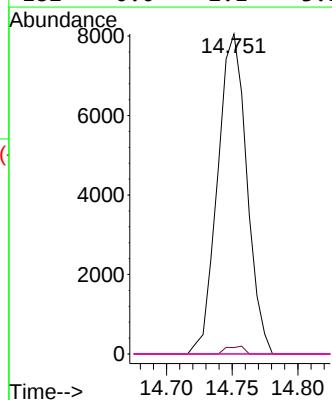
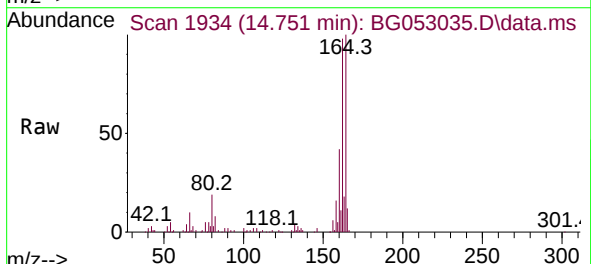
Instrument :
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ClientSampleId :
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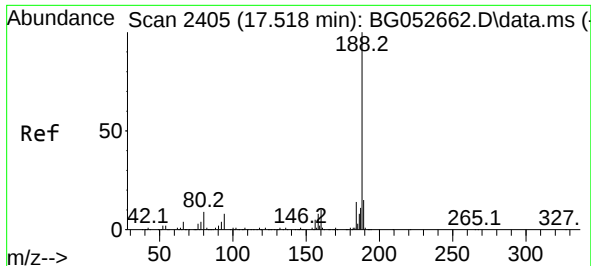
Tgt Ion:165 Resp: 12439
Ion Ratio Lower Upper
165 100
63 2.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.258 ng
RT: 14.751 min Scan# 1934
Delta R.T. -0.362 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Tgt Ion:165 Resp: 12439
Ion Ratio Lower Upper
165 100
63 2.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

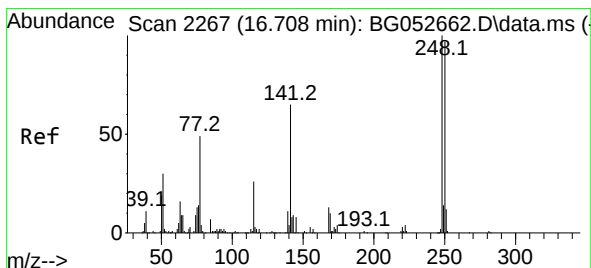
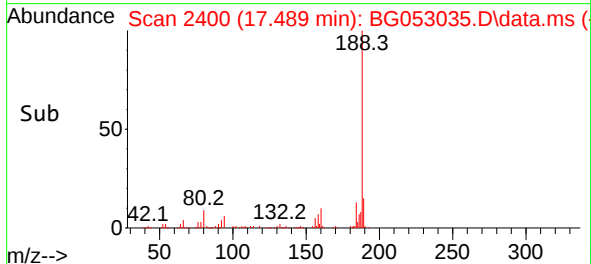
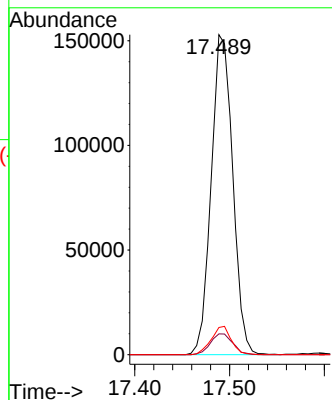
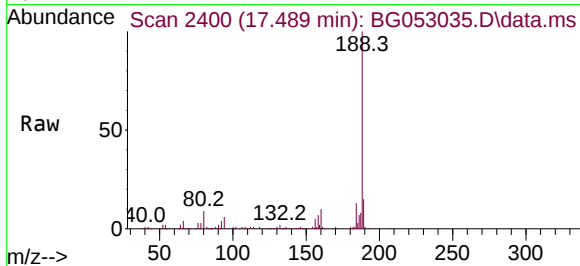




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

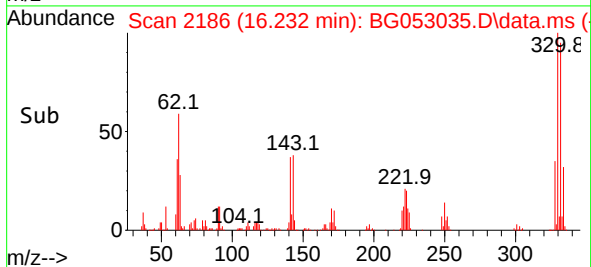
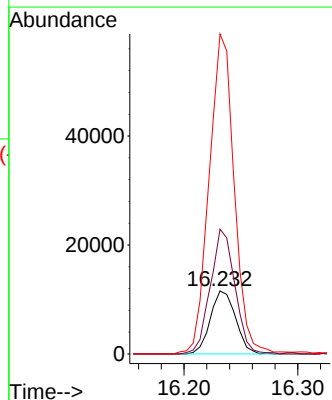
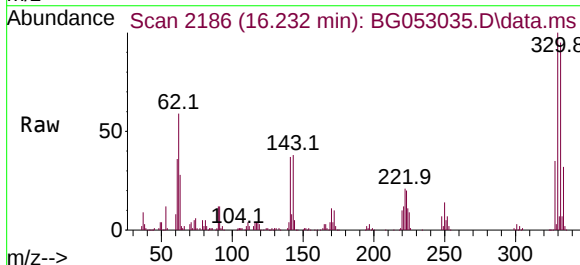
Instrument :
BNA_G
ClientSampleId :
PB143823TB

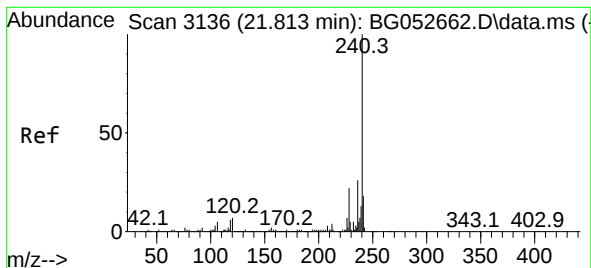
Tgt Ion:188 Resp: 240864
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 6.149 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.462 min
Lab File: BG053035.D
Acq: 5 Apr 2022 17:11

Tgt Ion:248 Resp: 17856
Ion Ratio Lower Upper
248 100
250 198.2 77.9 116.9#
141 508.0 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.777 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG053035.D

Acq: 5 Apr 2022 17:11

Instrument :

BNA_G

ClientSampleId :

PB143823TB

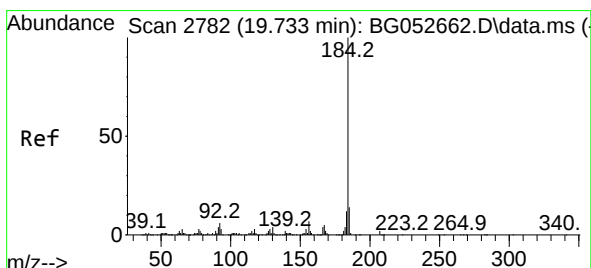
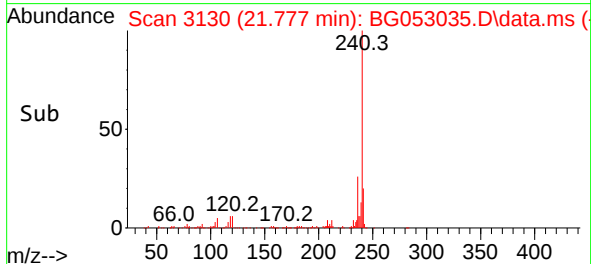
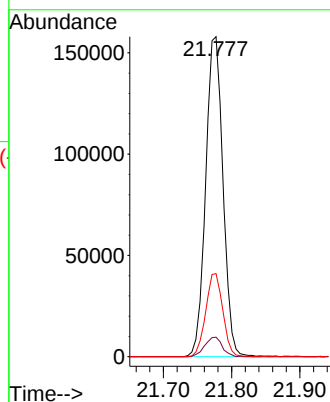
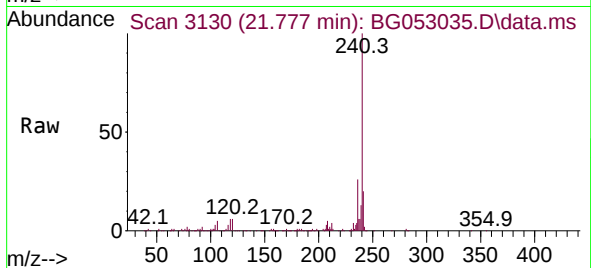
Tgt Ion:240 Resp: 278526

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

236 26.0 19.8 29.6



#77

Benzidine

Concen: 2.181 ng

RT: 19.715 min Scan# 2779

Delta R.T. -0.009 min

Lab File: BG053035.D

Acq: 5 Apr 2022 17:11

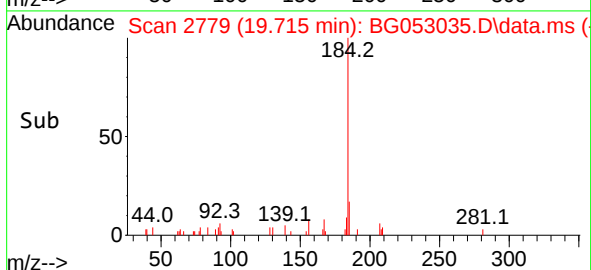
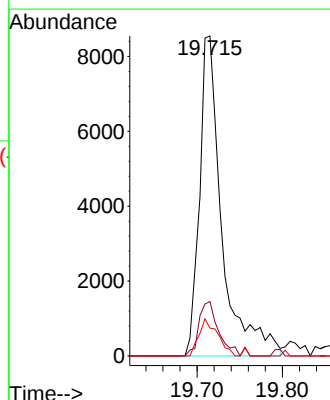
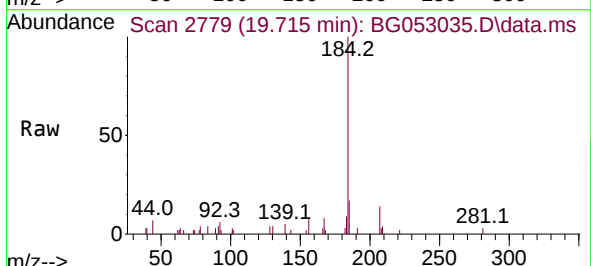
Tgt Ion:184 Resp: 15666

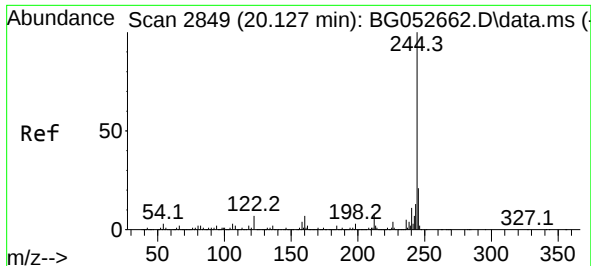
Ion Ratio Lower Upper

184 100

185 17.0 11.5 17.3

183 8.7 9.4 14.2#

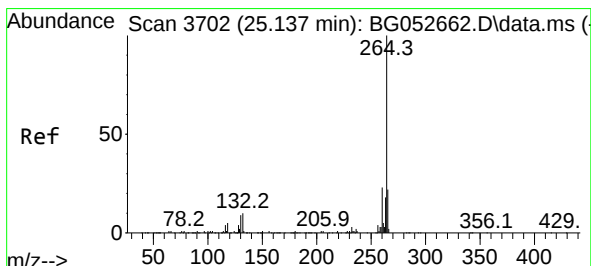
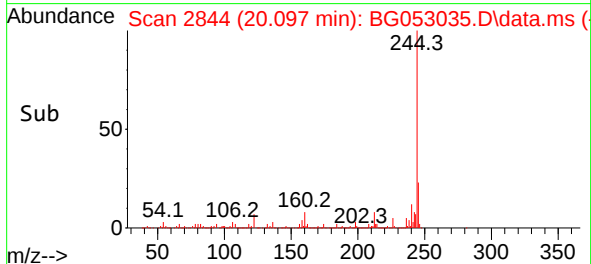
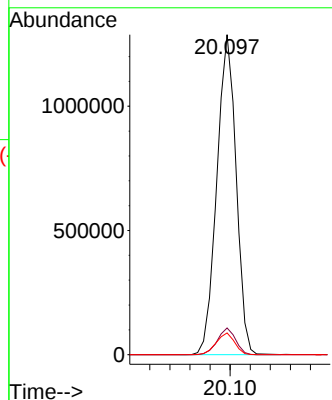
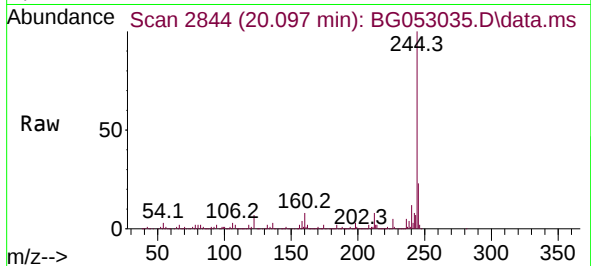




#79
 Terphenyl-d14
 Concen: 109.586 ng
 RT: 20.097 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG053035.D
 Acq: 5 Apr 2022 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB143823TB

Tgt Ion:244 Resp: 1715853
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.4 8.2#
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.078 min Scan# 3692
 Delta R.T. -0.033 min
 Lab File: BG053035.D
 Acq: 5 Apr 2022 17:11

Tgt Ion:264 Resp: 279622
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 23.6 15.1 22.7#

