

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053032.D
 Acq On : 5 Apr 2022 15:14
 Operator : CG/JU
 Sample : PB143839TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143839TB

Quant Time: Apr 05 16:25:23 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)

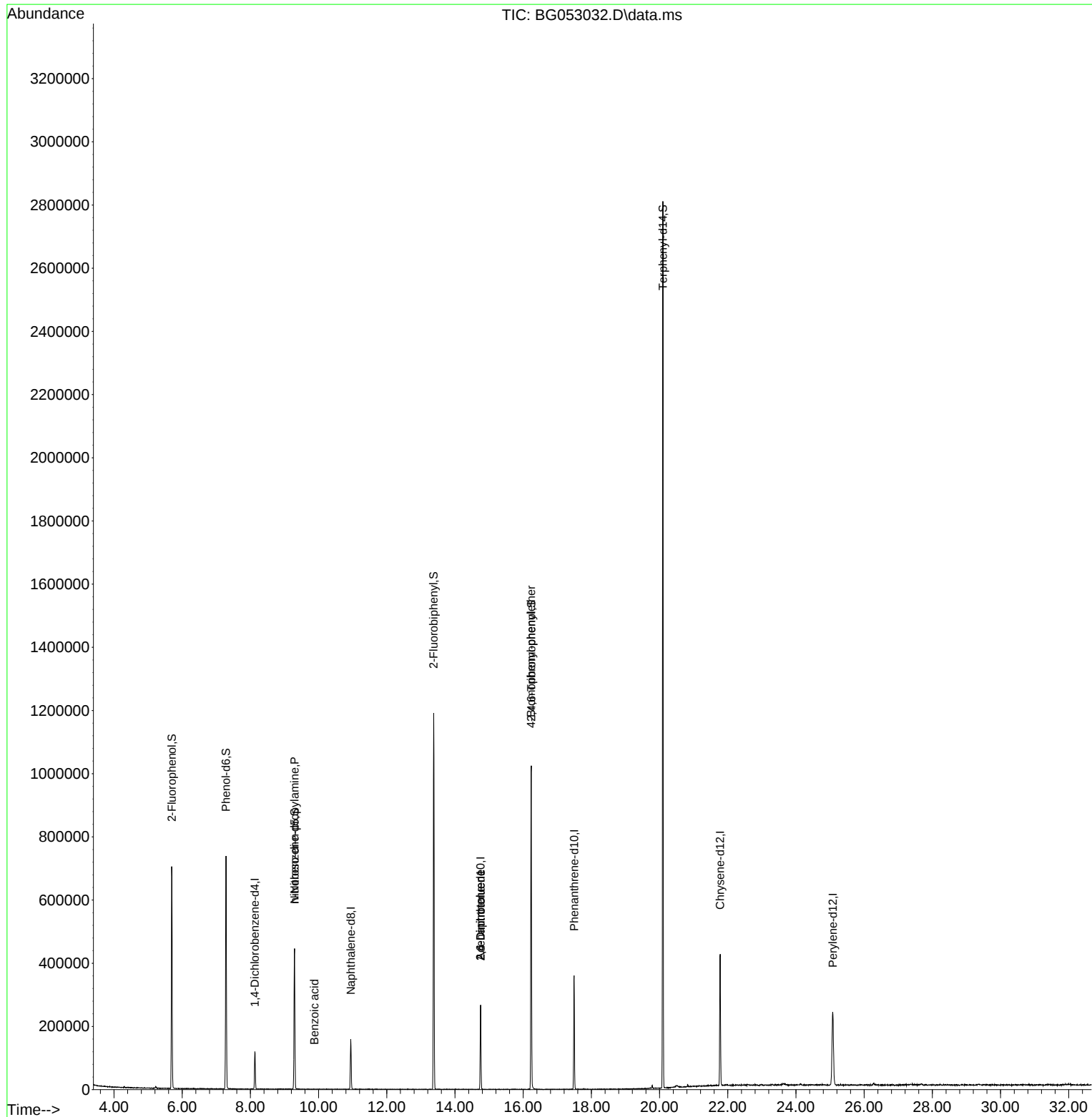
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	32976	20.000	ng	-0.02
21) Naphthalene-d8	10.943	136	126961	20.000	ng	-0.02
39) Acenaphthene-d10	14.750	164	95559	20.000	ng	-0.02
64) Phenanthrene-d10	17.493	188	234621	20.000	ng	-0.01
76) Chrysene-d12	21.776	240	275763	20.000	ng	-0.02
86) Perylene-d12	25.077	264	275340	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	278628	147.148	ng	0.00
7) Phenol-d6	7.284	99	397898	139.384	ng	0.00
23) Nitrobenzene-d5	9.293	82	283923	112.241	ng	-0.01
42) 2,4,6-Tribromophenol	16.236	330	202152	157.432	ng	-0.01
45) 2-Fluorobiphenyl	13.375	172	624352	96.362	ng	-0.02
79) Terphenyl-d14	20.096	244	1373963	88.629	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.284	77	849	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.293	70	39647	19.609	ng	# 73
32) Benzoic acid	9.874	122	59	5.712	ng	# 1
51) 2,6-Dinitrotoluene	14.750	165	12419	10.357	ng	# 25
57) 2,4-Dinitrotoluene	14.750	165	12419	7.465	ng	# 24
67) 4-Bromophenyl-phenylether	16.230	248	12932	4.572	ng	# 1

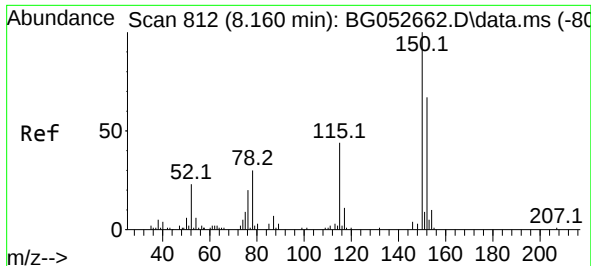
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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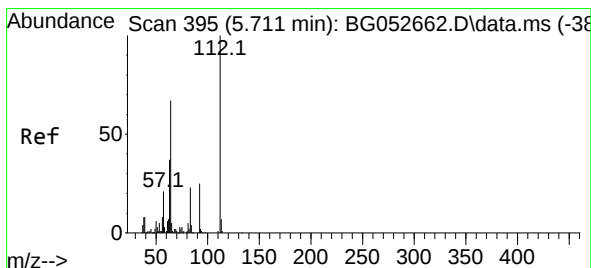
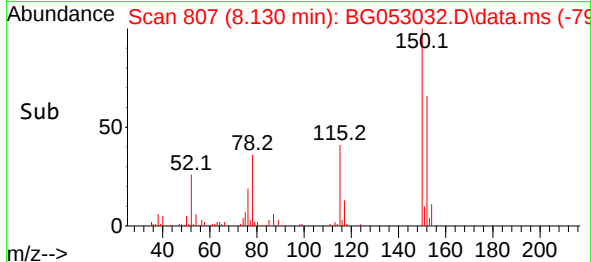
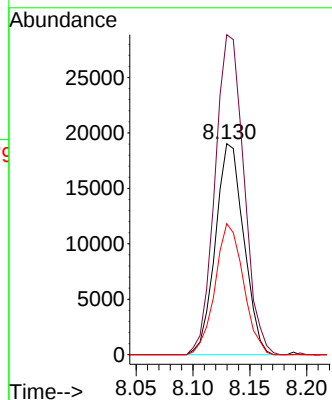
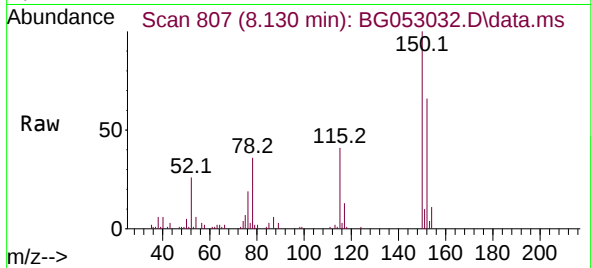




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

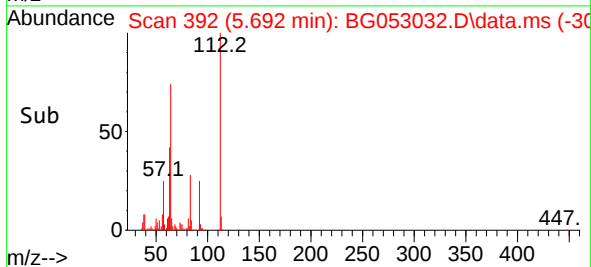
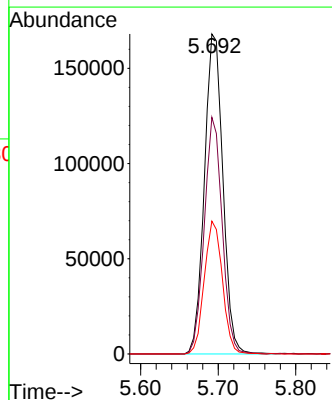
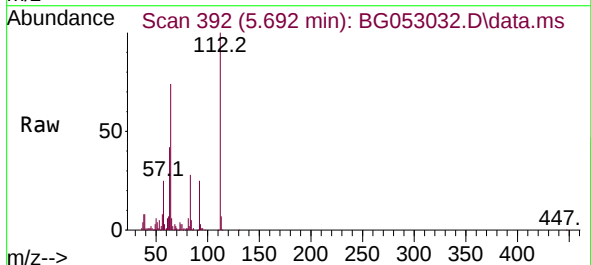
Instrument :
BNA_G
ClientSampleId :
PB143839TB

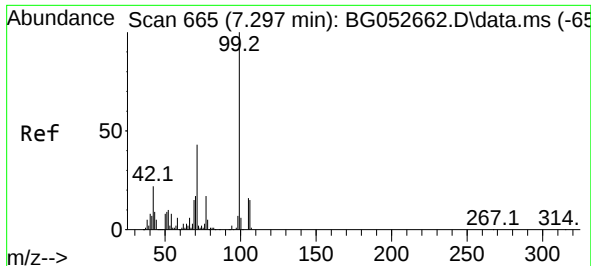
Tgt Ion:152 Resp: 32976
Ion Ratio Lower Upper
152 100
150 151.7 114.6 172.0
115 62.1 45.9 68.9



#5
2-Fluorophenol
Concen: 147.148 ng
RT: 5.692 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:112 Resp: 278628
Ion Ratio Lower Upper
112 100
64 73.9 48.0 72.0#
63 41.5 26.5 39.7#

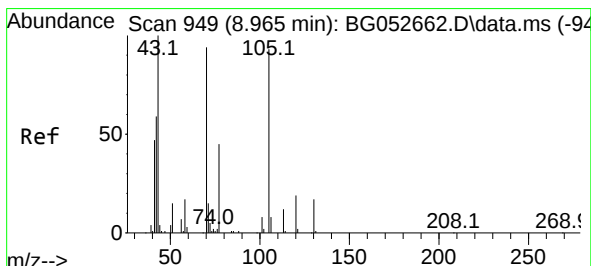
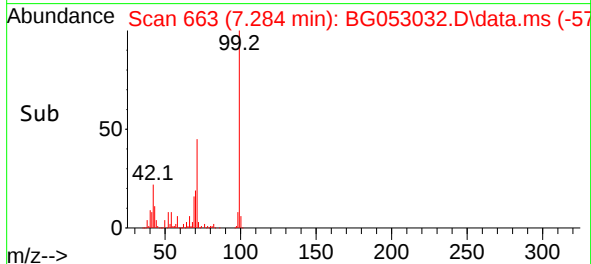
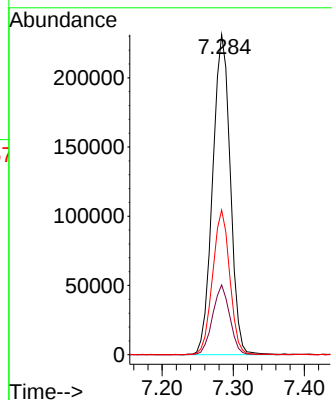
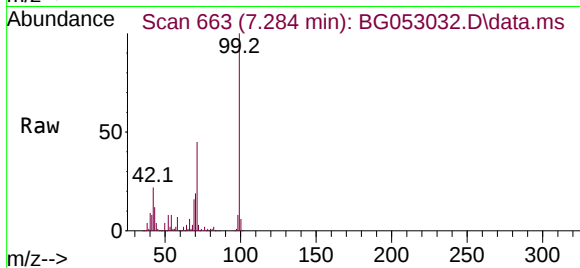




#7
Phenol-d6
Concen: 139.384 ng
RT: 7.284 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

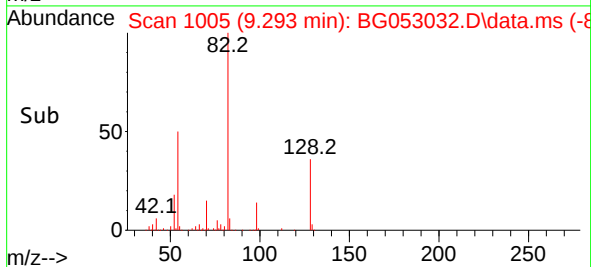
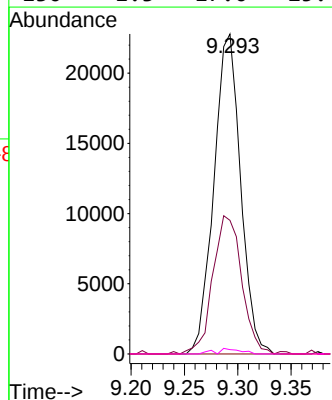
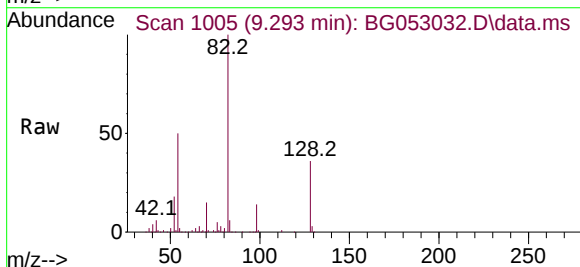
Instrument :
BNA_G
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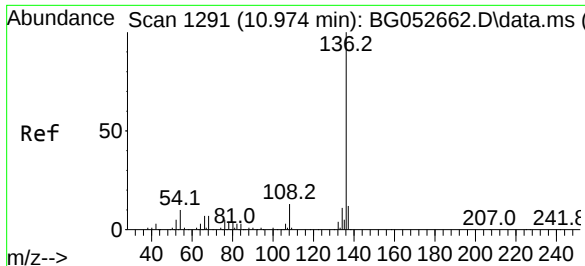
Tgt Ion: 99 Resp: 397898
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 45.2 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.609 ng
RT: 9.293 min Scan# 1005
Delta R.T. 0.348 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion: 70 Resp: 39647
Ion Ratio Lower Upper
70 100
42 41.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#



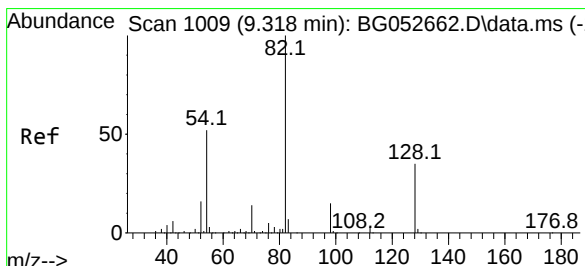
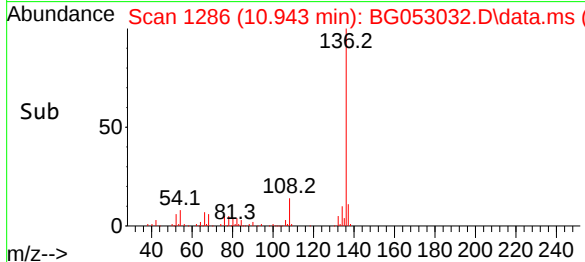
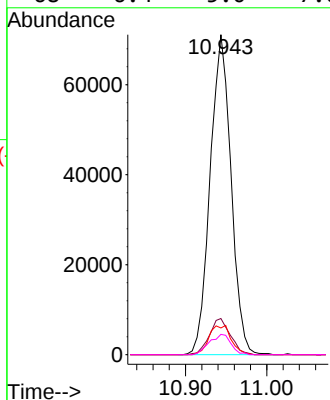
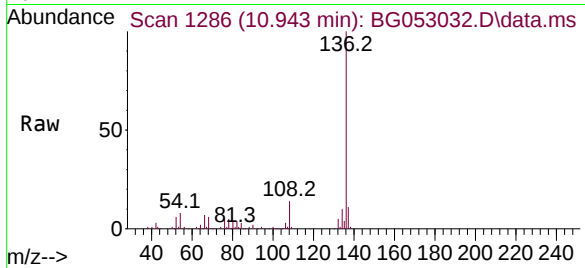


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Instrument :
BNA_G
ClientSampleId :
PB143839TB

Tgt Ion:136 Resp: 126961

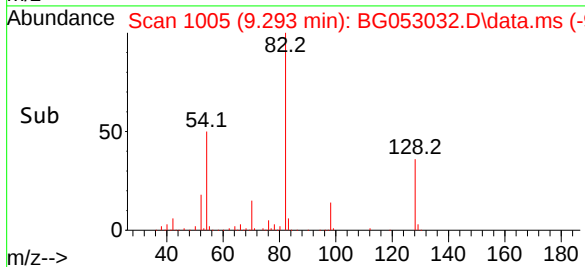
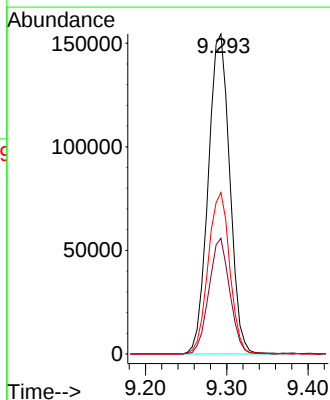
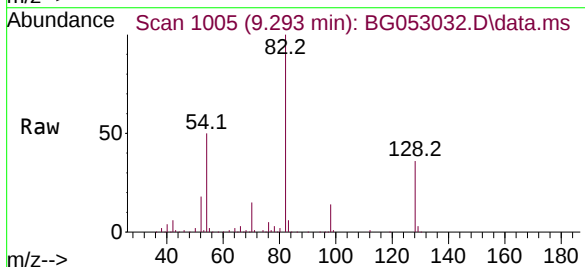
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	8.4	6.4	9.6
68	6.4	5.0	7.6

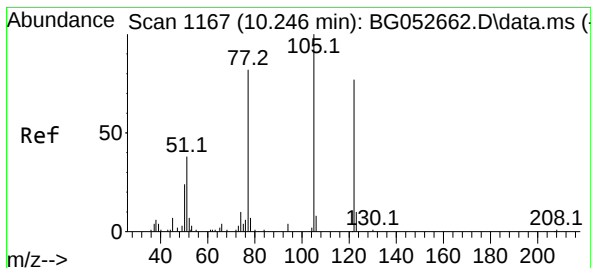


#23
Nitrobenzene-d5
Concen: 112.241 ng
RT: 9.293 min Scan# 1005
Delta R.T. -0.011 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion: 82 Resp: 283923

Ion	Ratio	Lower	Upper
82	100		
128	36.1	31.3	46.9
54	50.4	37.8	56.8

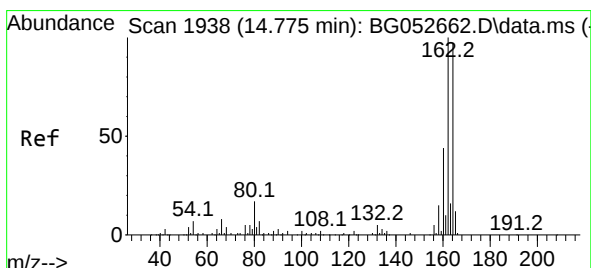
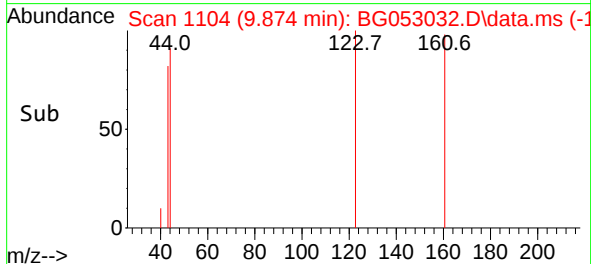
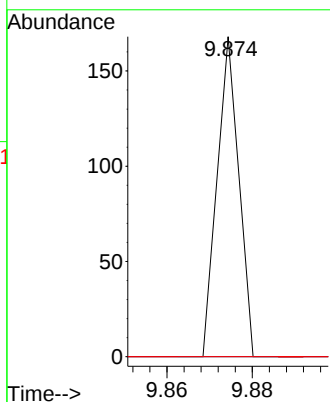
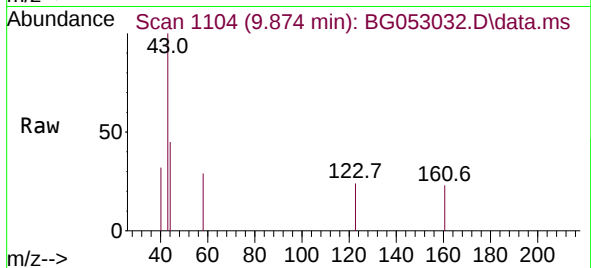




#32
Benzoic acid
Concen: 5.712 ng
RT: 9.874 min Scan# 1167
Delta R.T. -0.363 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

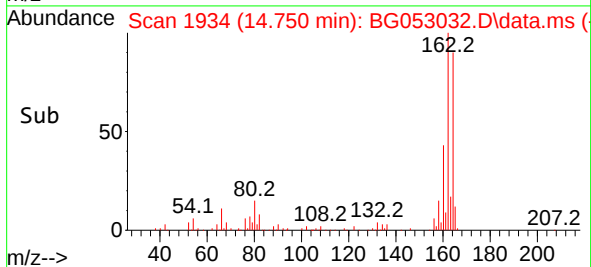
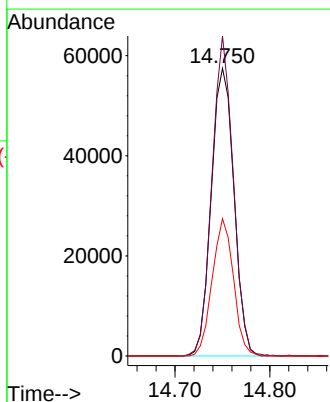
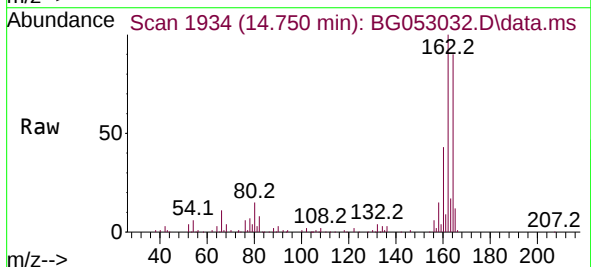
Instrument :
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ClientSampleId :
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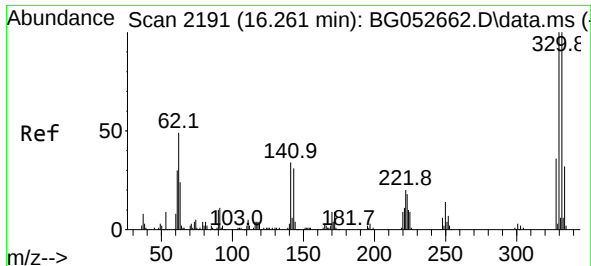
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:164 Resp: 95559
Ion Ratio Lower Upper
164 100
162 111.2 80.0 120.0
160 47.7 38.8 58.2

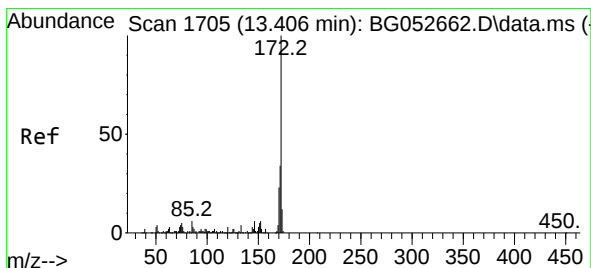
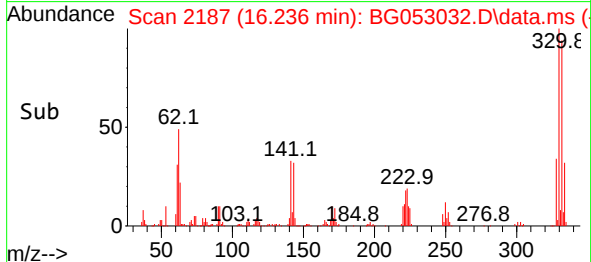
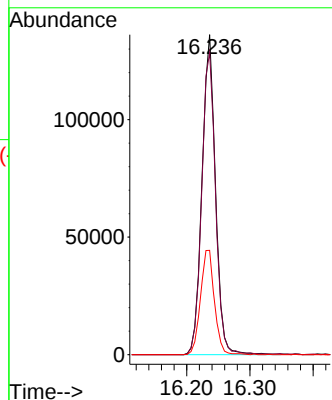
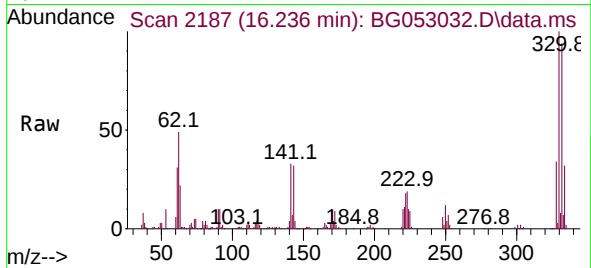




#42
2,4,6-Tribromophenol
Concen: 157.432 ng
RT: 16.236 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

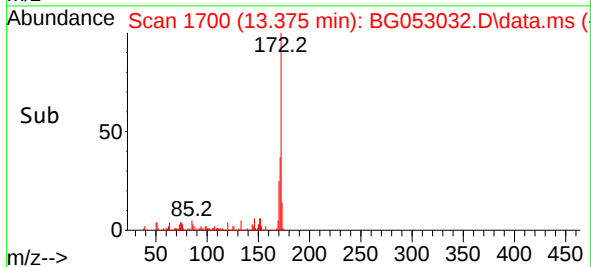
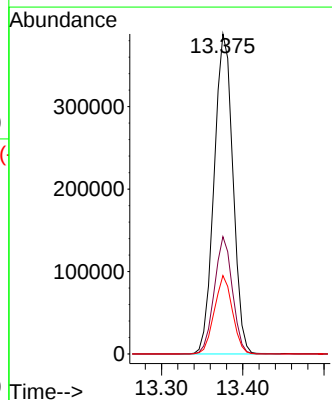
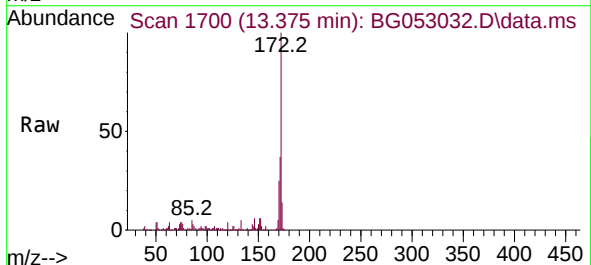
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ClientSampleId :
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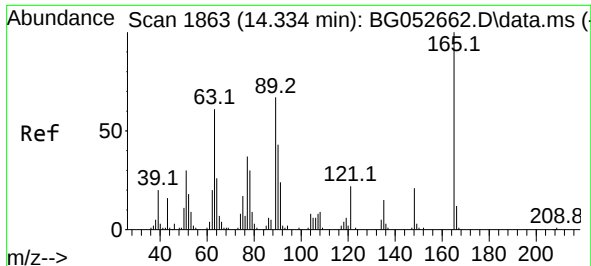
Tgt Ion:330 Resp: 202152
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 33.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 96.362 ng
RT: 13.375 min Scan# 1700
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:172 Resp: 624352
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 24.5 18.0 27.0

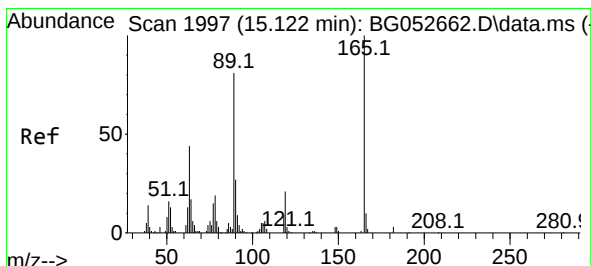
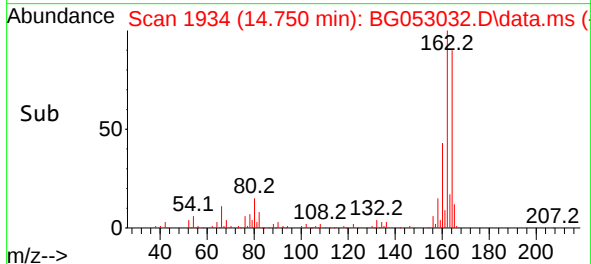
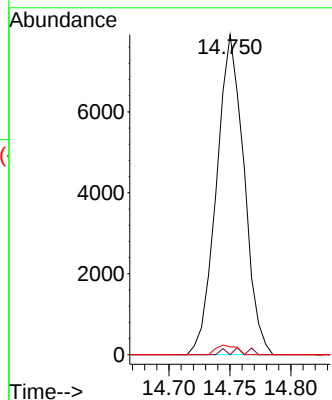
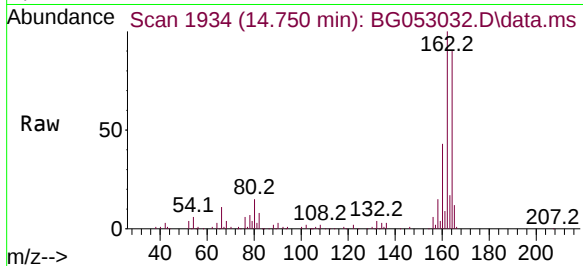




#51
2,6-Dinitrotoluene
Concen: 10.357 ng
RT: 14.750 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

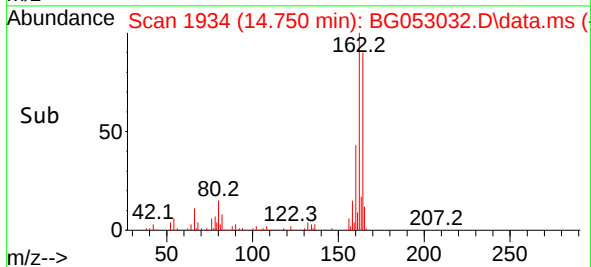
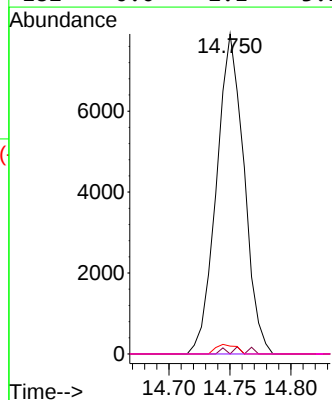
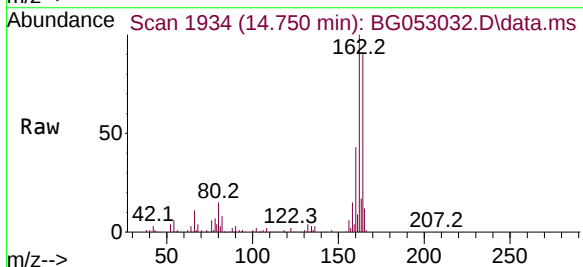
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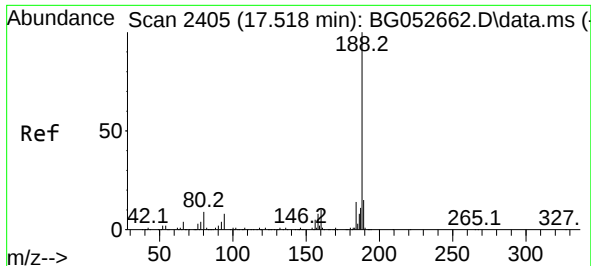
Tgt Ion:165 Resp: 12419
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.5 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.465 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.363 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:165 Resp: 12419
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.5 57.4 86.0#
182 0.0 2.1 3.1#

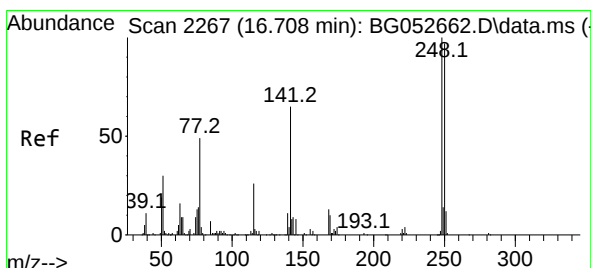
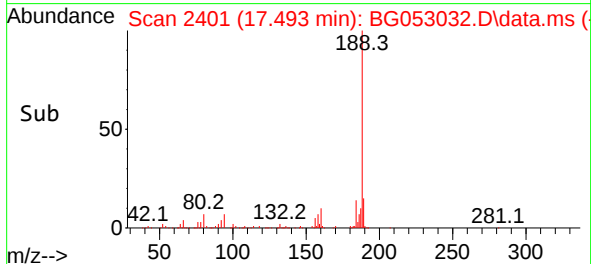
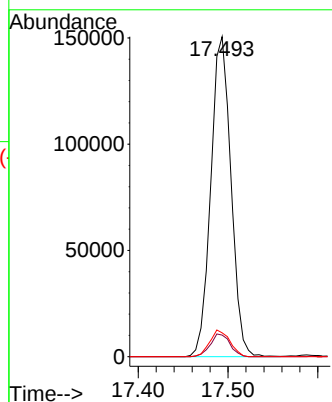
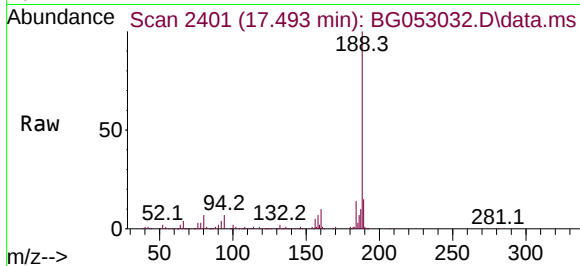




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

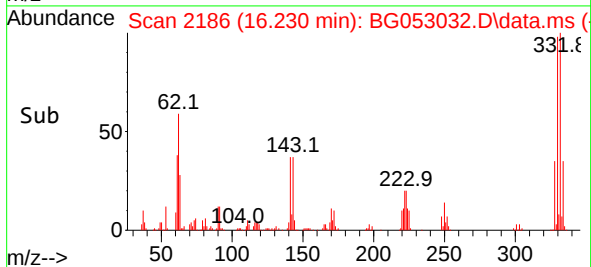
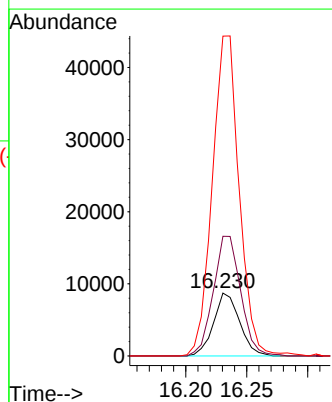
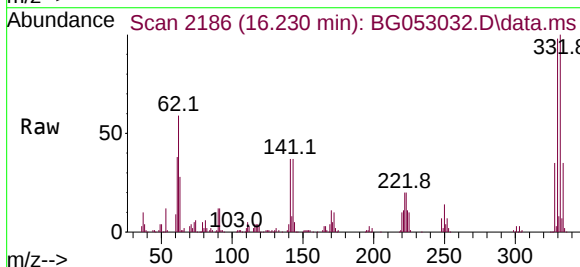
Instrument :
BNA_G
ClientSampleId :
PB143839TB

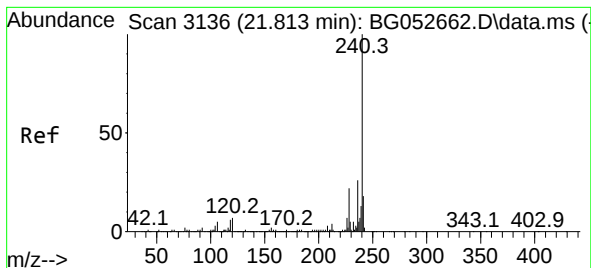
Tgt Ion:188 Resp: 234621
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.572 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.463 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:248 Resp: 12932
Ion Ratio Lower Upper
248 100
250 190.4 77.9 116.9#
141 508.8 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.776 min Scan# 31

Delta R.T. -0.022 min

Lab File: BG053032.D

Acq: 5 Apr 2022 15:14

Instrument :

BNA_G

ClientSampleId :

PB143839TB

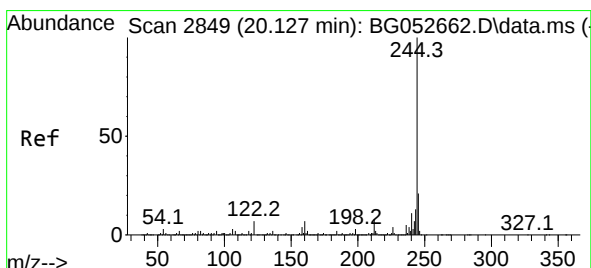
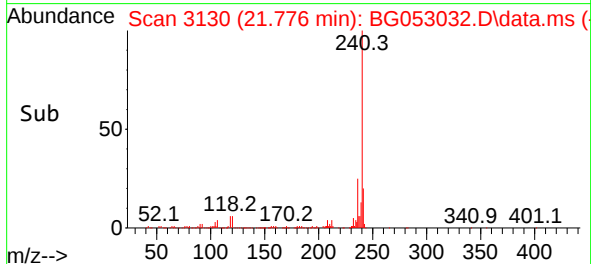
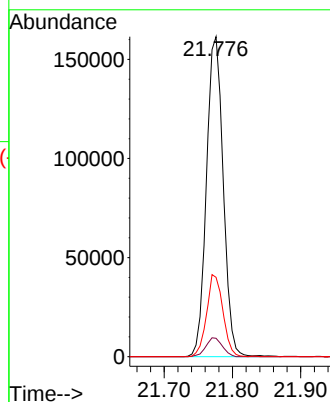
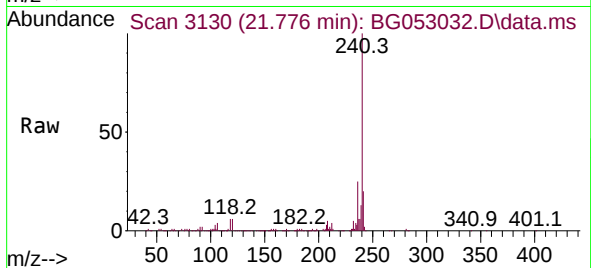
Tgt Ion:240 Resp: 275763

Ion Ratio Lower Upper

240 100

120 5.7 5.4 8.0

236 24.8 19.8 29.6



#79

Terphenyl-d14

Concen: 88.629 ng

RT: 20.096 min Scan# 2844

Delta R.T. -0.016 min

Lab File: BG053032.D

Acq: 5 Apr 2022 15:14

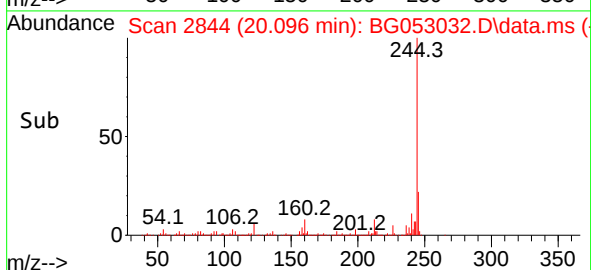
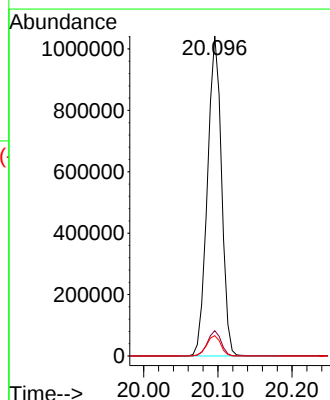
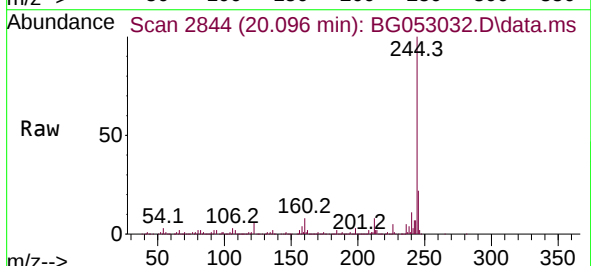
Tgt Ion:244 Resp: 1373963

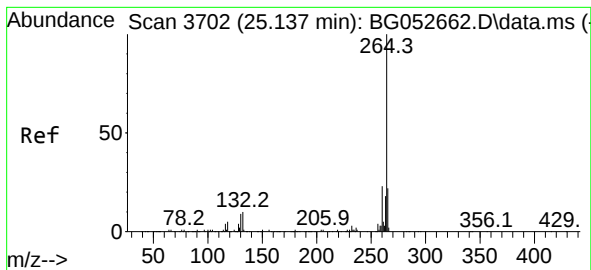
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.077 min Scan# 30
Delta R.T. -0.034 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Instrument :
BNA_G
ClientSampleId :
PB143839TB

Tgt Ion:264 Resp: 275340

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	21.9	15.1	22.7

