

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052624.D
 Acq On : 9 Mar 2022 23:33
 Operator : CG/JU
 Sample : PB143156TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143156TB

Quant Time: Mar 10 06:41:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

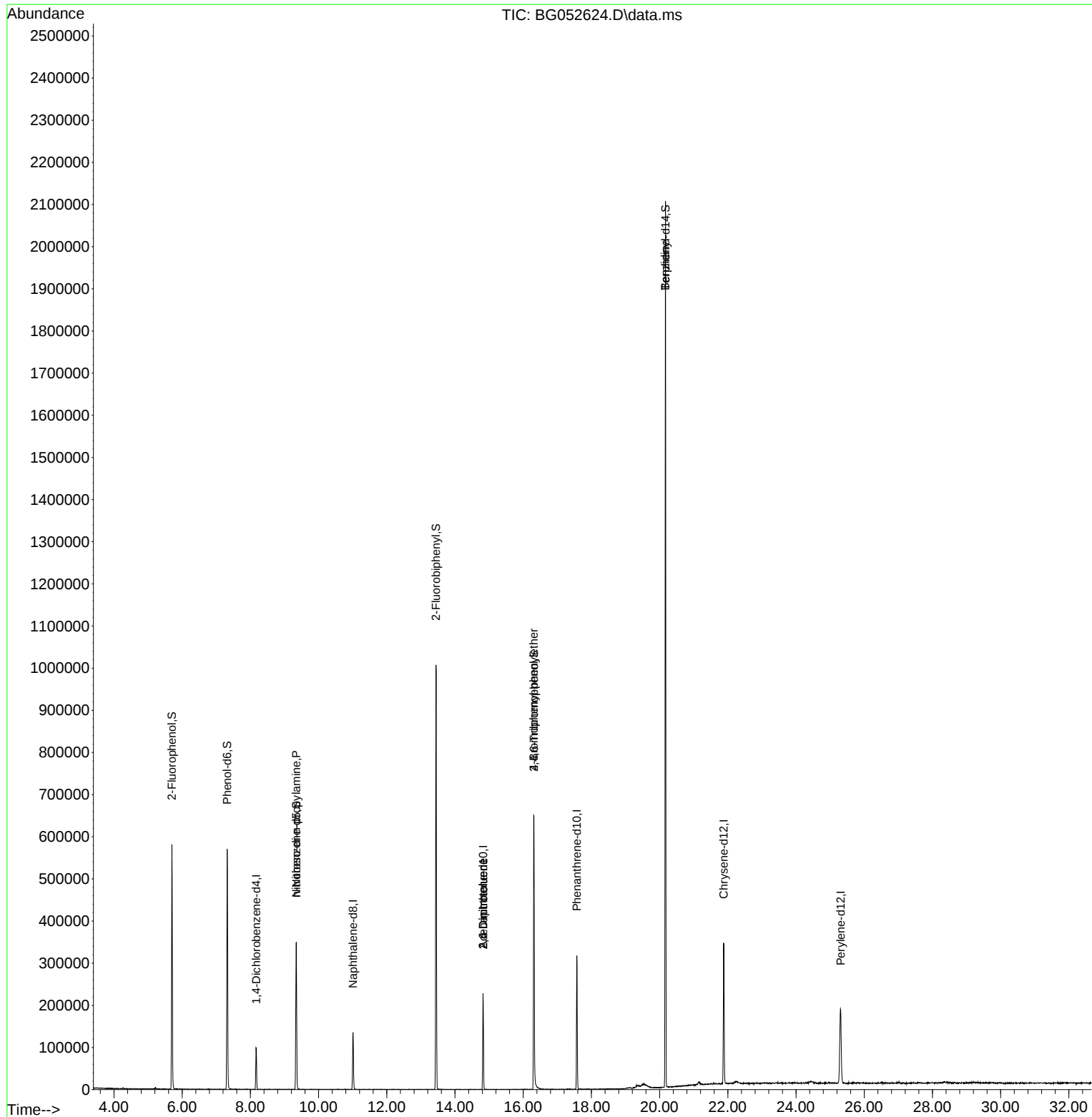
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.173	152	29502	20.000	ng	0.00
21) Naphthalene-d8	11.010	136	120043	20.000	ng	# 0.00
39) Acenaphthene-d10	14.823	164	82368	20.000	ng	0.00
64) Phenanthrene-d10	17.572	188	204927	20.000	ng	0.00
76) Chrysene-d12	21.878	240	220185	20.000	ng	0.00
86) Perylene-d12	25.309	264	217528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	246964	144.614	ng	0.00
7) Phenol-d6	7.321	99	333439	134.907	ng	0.00
23) Nitrobenzene-d5	9.348	82	231427	87.394	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	155098	132.767	ng	0.00
45) 2-Fluorobiphenyl	13.442	172	558179	91.468	ng	0.00
79) Terphenyl-d14	20.174	244	1110243	89.226	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.348	70	31432	18.793	ng	# 72
51) 2,6-Dinitrotoluene	14.823	165	11166	8.165	ng	# 24
57) 2,4-Dinitrotoluene	14.823	165	11166	5.802	ng	# 22
67) 4-Bromophenyl-phenylether	16.309	248	9531	3.757	ng	# 1
77) Benzidine	20.168	184	14925	3.268	ng	# 91

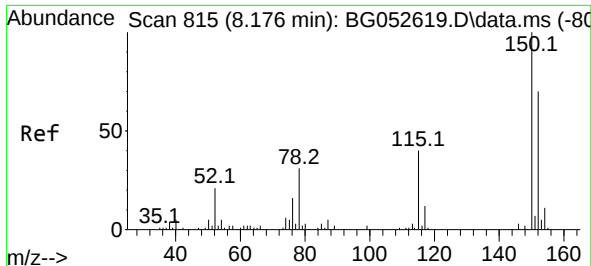
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
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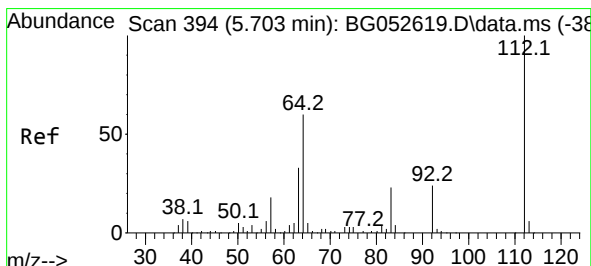
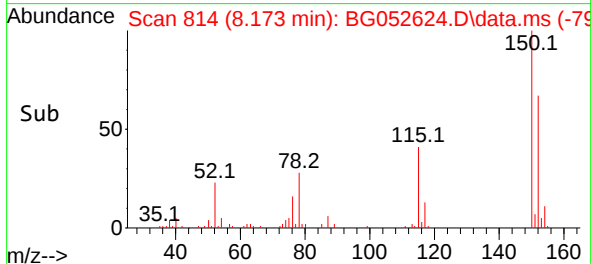
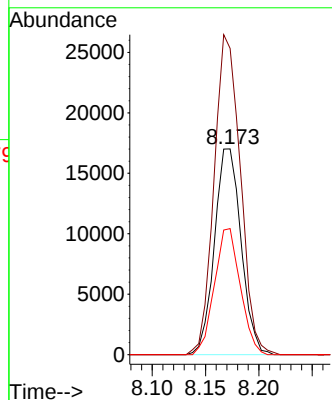
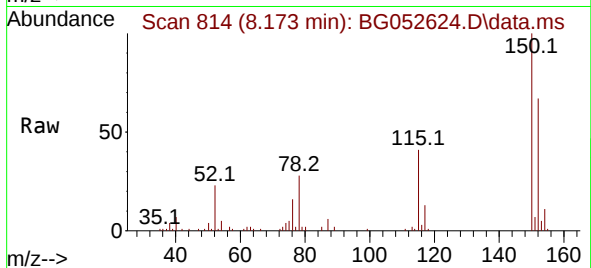




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.173 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

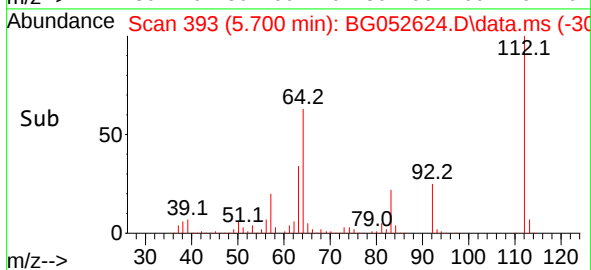
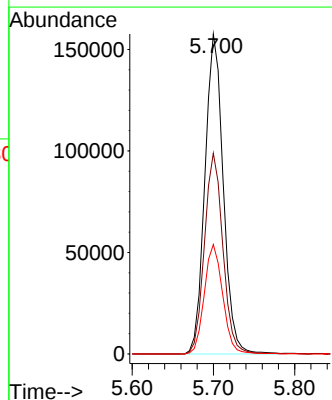
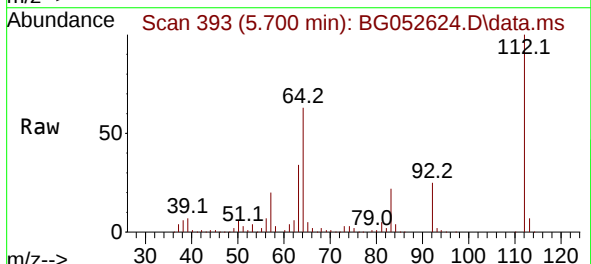
Instrument :
BNA_G
ClientSampleId :
PB143156TB

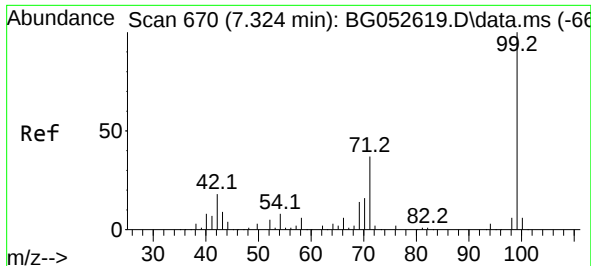
Tgt Ion:152 Resp: 29502
Ion Ratio Lower Upper
152 100
150 148.8 114.6 172.0
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 144.614 ng
RT: 5.700 min Scan# 393
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

Tgt Ion:112 Resp: 246964
Ion Ratio Lower Upper
112 100
64 62.7 48.0 72.0
63 34.2 26.5 39.7

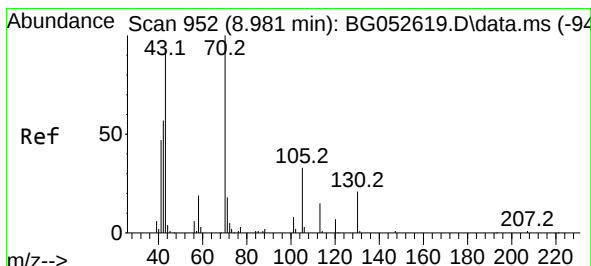
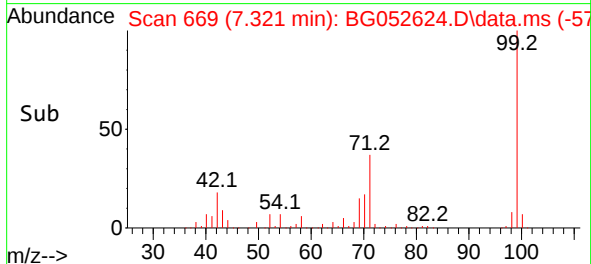
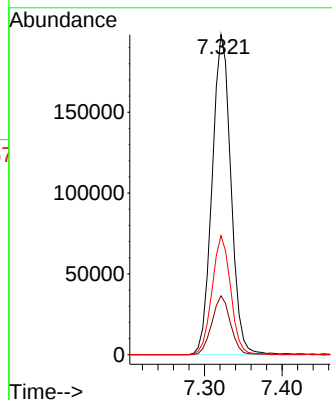
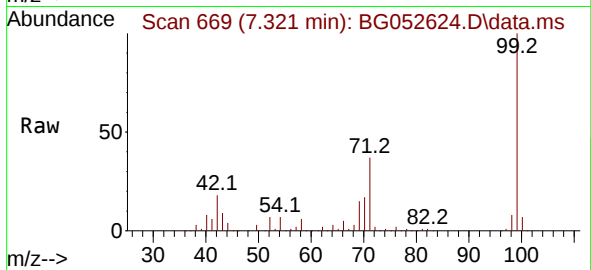




#7
Phenol-d6
Concen: 134.907 ng
RT: 7.321 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

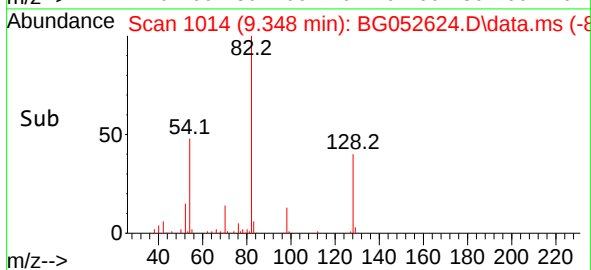
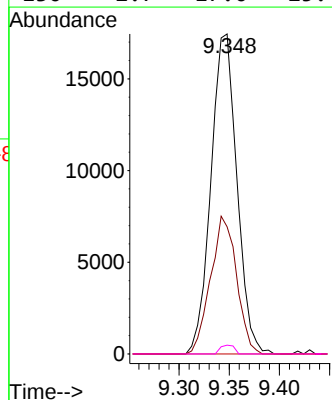
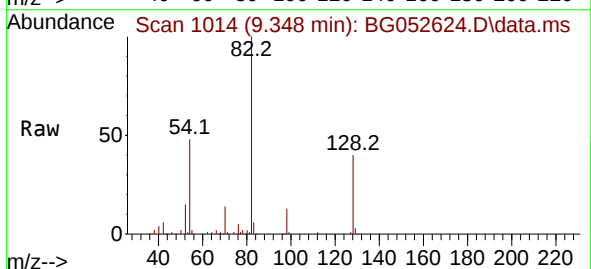
Instrument :
BNA_G
ClientSampleId :
PB143156TB

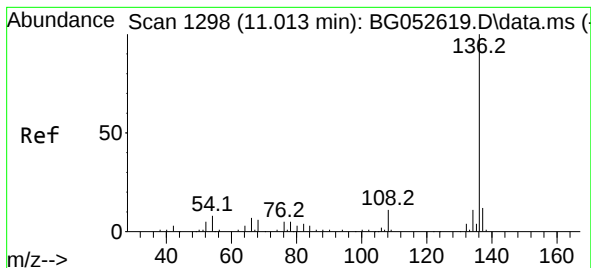
Tgt Ion: 99 Resp: 333439
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 37.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.793 ng
RT: 9.348 min Scan# 1014
Delta R.T. 0.367 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

Tgt Ion: 70 Resp: 31432
Ion Ratio Lower Upper
70 100
42 39.8 46.0 69.0#
101 0.0 6.2 9.4#
130 2.7 17.0 25.4#

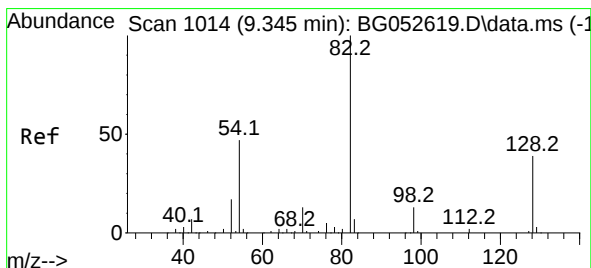
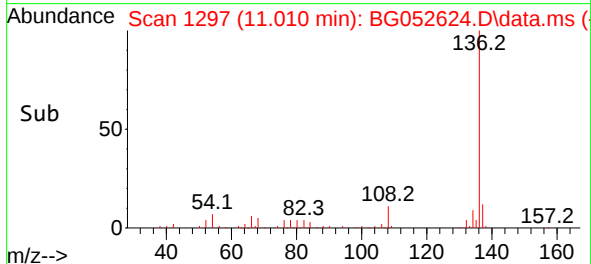
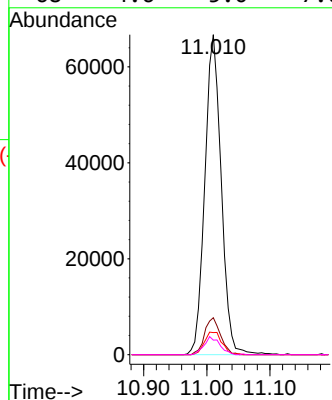
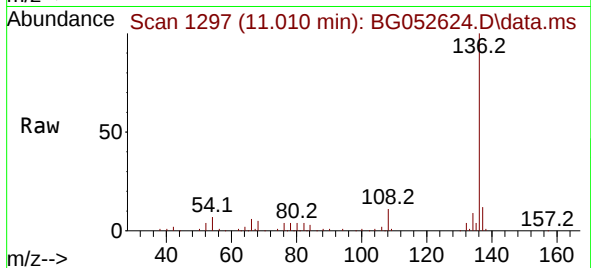




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.010 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

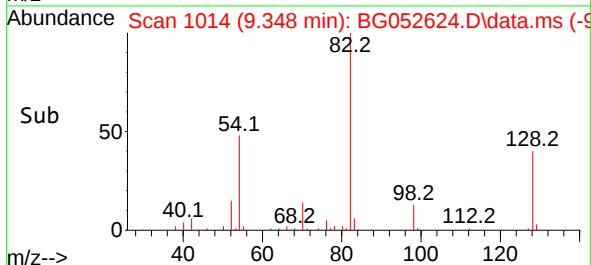
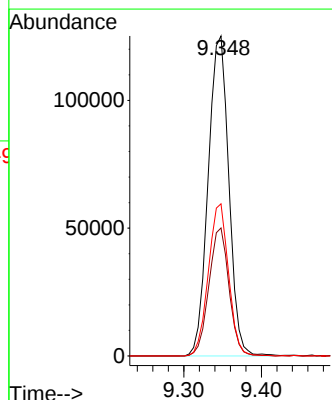
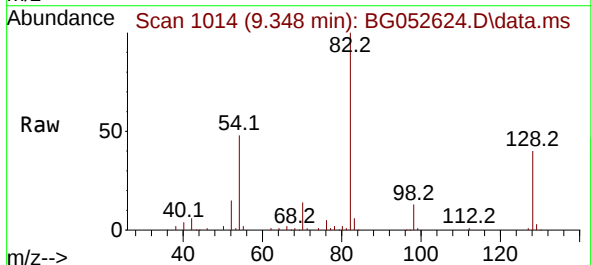
Instrument :
BNA_G
ClientSampleId :
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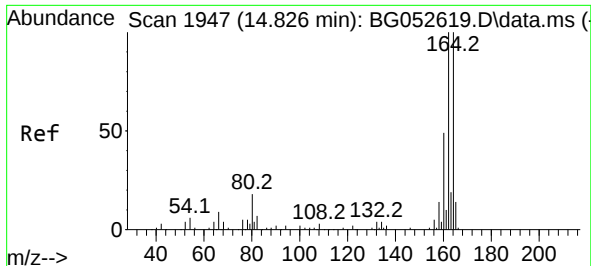
Tgt Ion:136 Resp: 120043
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 6.9 6.4 9.6
68 4.6 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 87.394 ng
RT: 9.348 min Scan# 1014
Delta R.T. 0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

Tgt Ion: 82 Resp: 231427
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 47.6 37.8 56.8

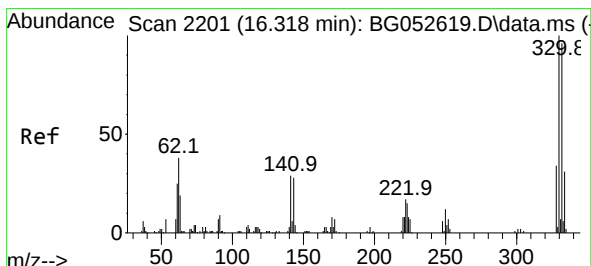
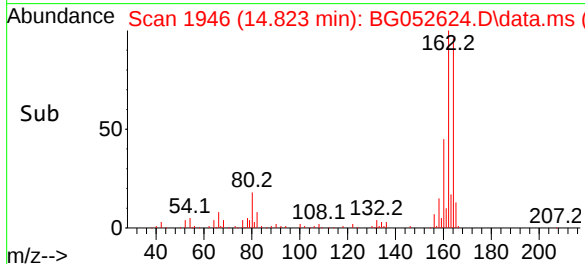
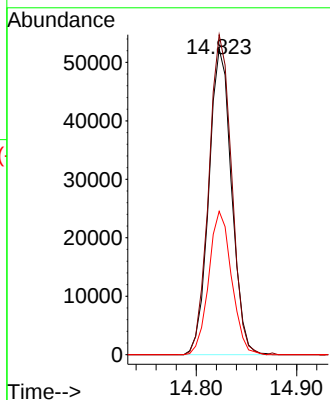
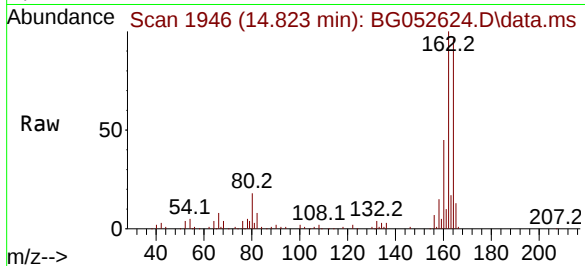




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.823 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

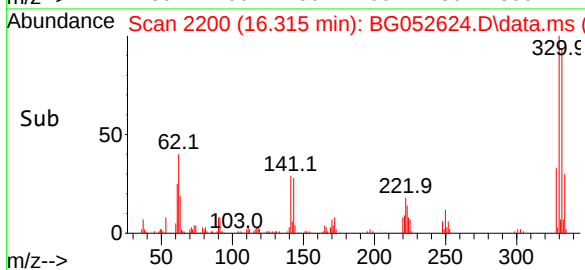
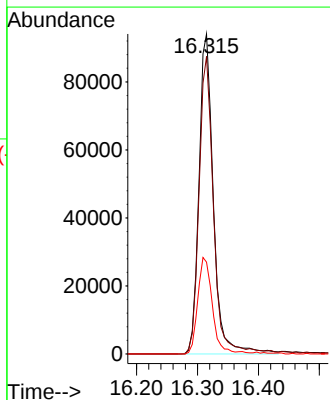
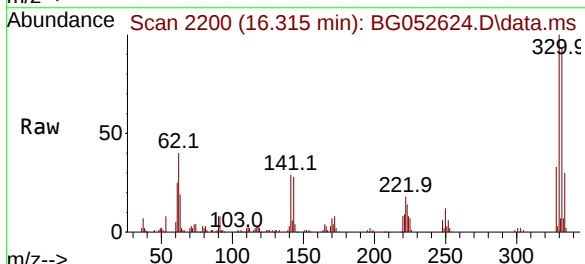
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BNA_G
ClientSampleId :
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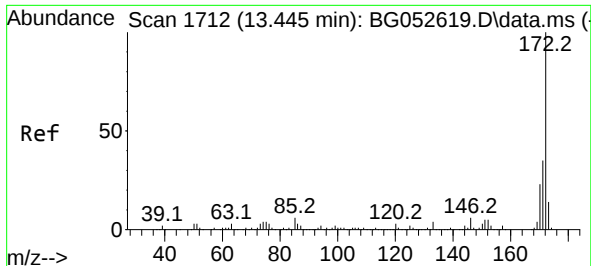
Tgt Ion:164 Resp: 82368
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 46.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 132.767 ng
RT: 16.315 min Scan# 2200
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

Tgt Ion:330 Resp: 155098
Ion Ratio Lower Upper
330 100
332 93.3 75.8 113.6
141 30.6 24.6 36.8

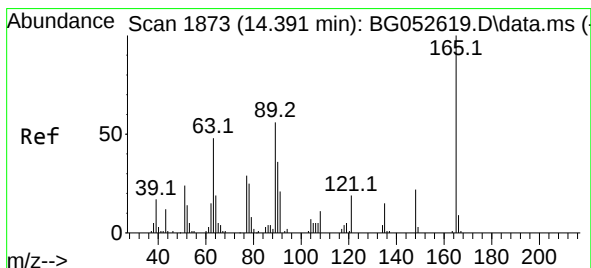
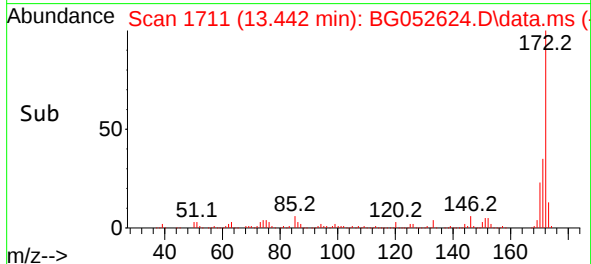
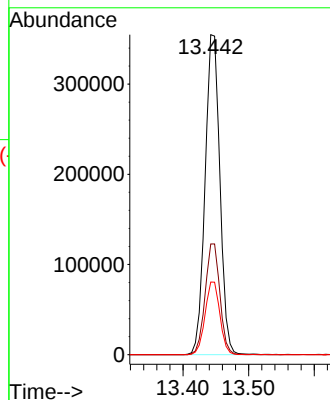
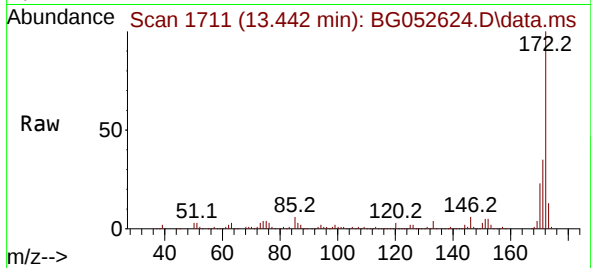




#45
2-Fluorobiphenyl
Concen: 91.468 ng
RT: 13.442 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

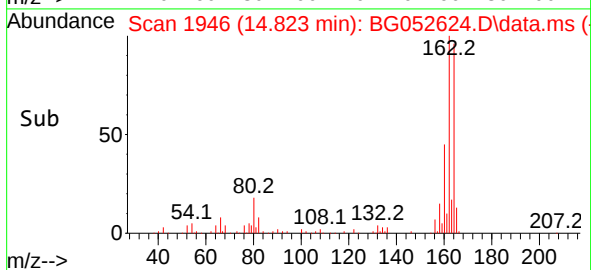
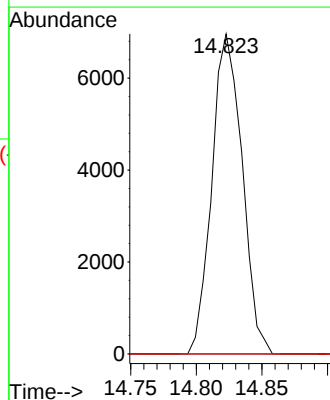
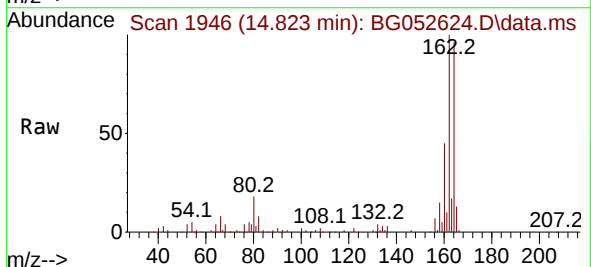
Instrument :
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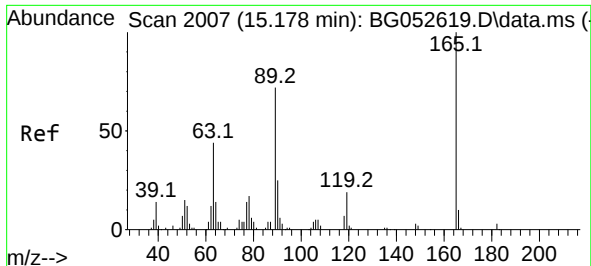
Tgt Ion:172 Resp: 558179
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.165 ng
RT: 14.823 min Scan# 1946
Delta R.T. 0.432 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

Tgt Ion:165 Resp: 11166
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.802 ng

RT: 14.823 min Scan# 14

Delta R.T. -0.355 min

Lab File: BG052624.D

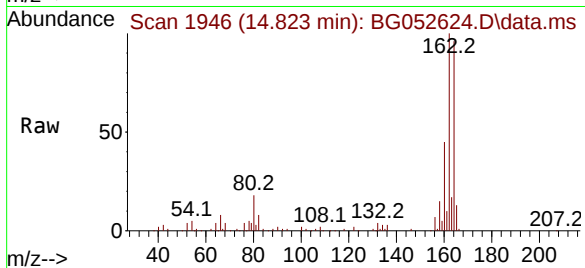
Acq: 9 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

PB143156TB



Tgt Ion:165 Resp: 11166

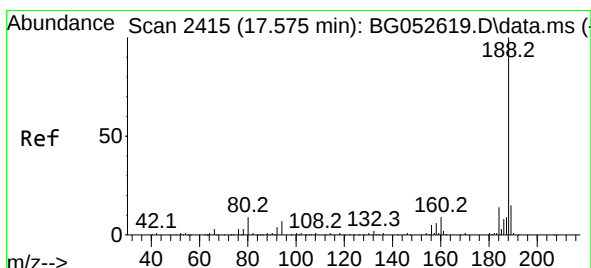
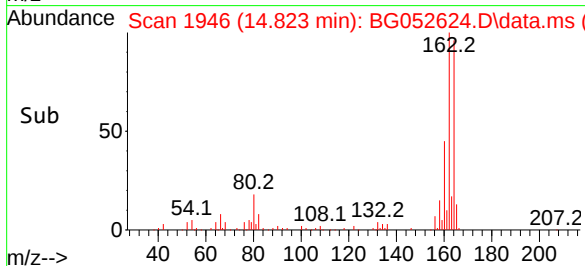
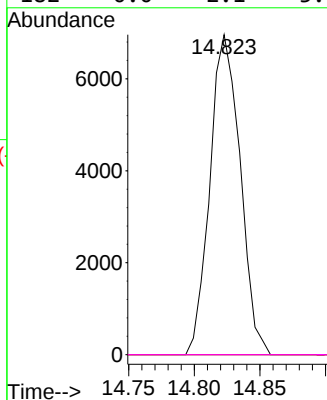
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.572 min Scan# 2414

Delta R.T. -0.003 min

Lab File: BG052624.D

Acq: 9 Mar 2022 23:33

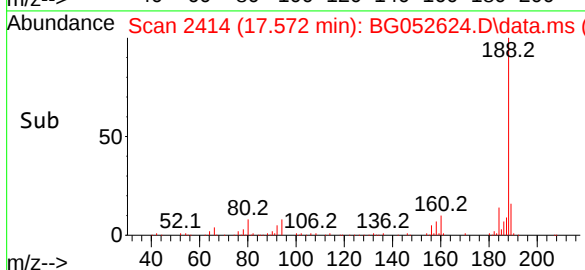
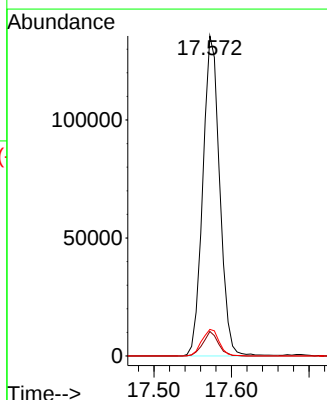
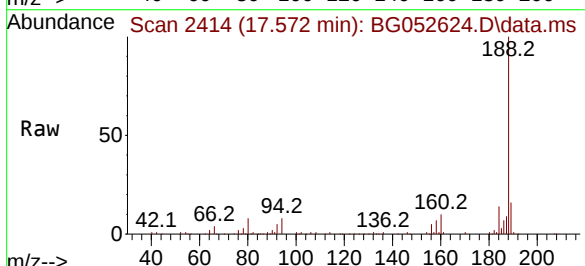
Tgt Ion:188 Resp: 204927

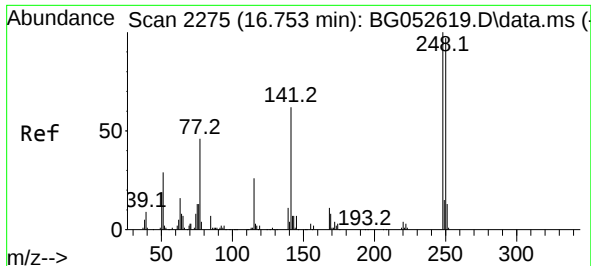
Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

80 8.3 7.2 10.8

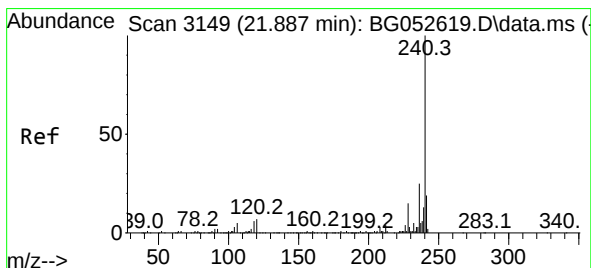
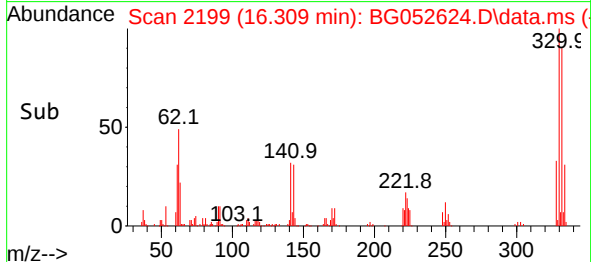
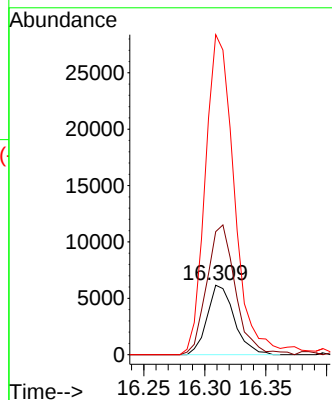
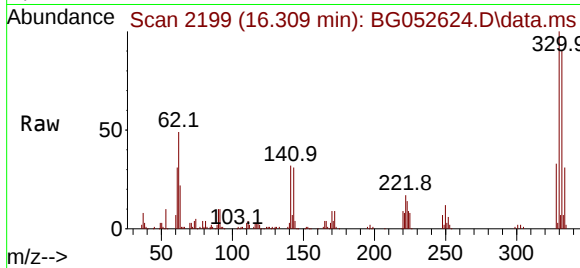




#67
4-Bromophenyl-phenylether
Concen: 3.757 ng
RT: 16.309 min Scan# 2119
Delta R.T. -0.444 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

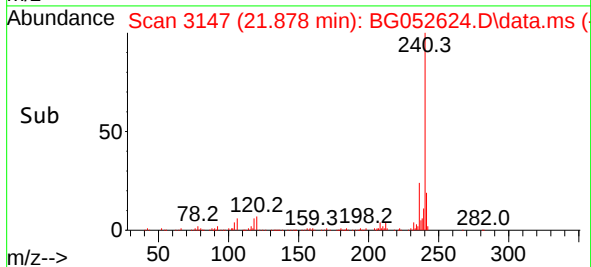
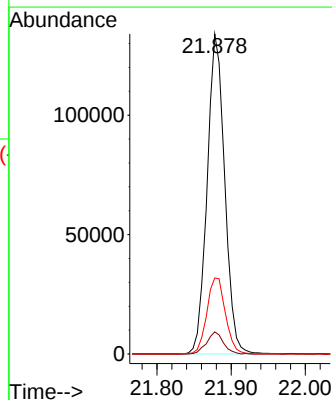
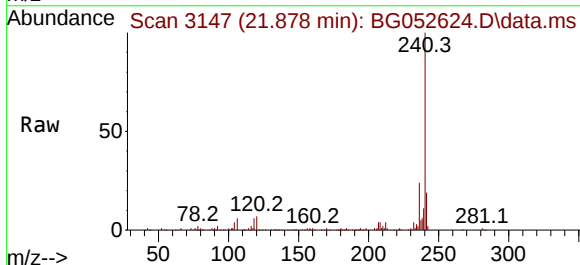
Instrument :
BNA_G
ClientSampleId :
PB143156TB

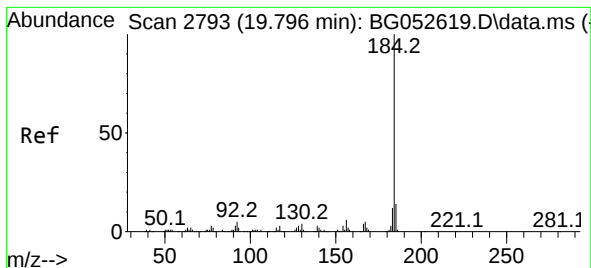
Tgt Ion:248 Resp: 9531
Ion Ratio Lower Upper
248 100
250 177.0 77.9 116.9#
141 460.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG052624.D
Acq: 9 Mar 2022 23:33

Tgt Ion:240 Resp: 220185
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 23.8 19.8 29.6





#77

Benzidine

Concen: 3.268 ng

RT: 20.168 min Scan# 21

Delta R.T. 0.373 min

Lab File: BG052624.D

Acq: 9 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

PB143156TB

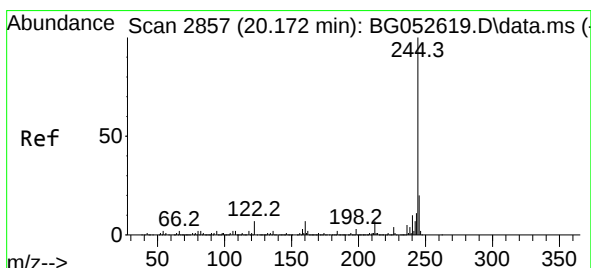
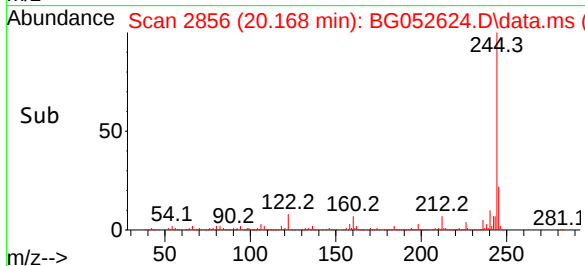
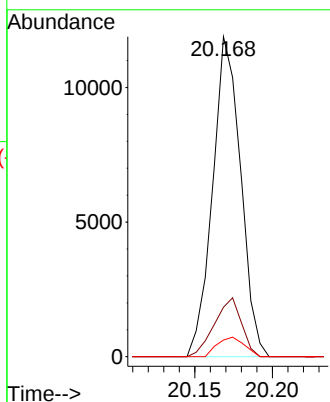
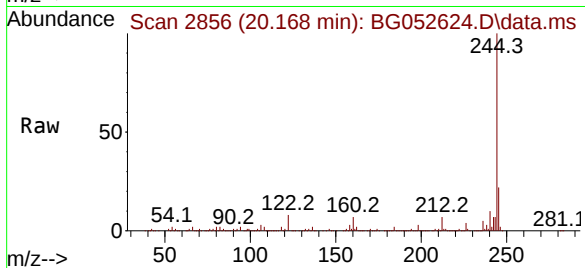
Tgt Ion:184 Resp: 14925

Ion Ratio Lower Upper

184 100

185 15.4 11.5 17.3

183 5.2 9.4 14.2#



#79

Terphenyl-d14

Concen: 89.226 ng

RT: 20.174 min Scan# 2857

Delta R.T. 0.003 min

Lab File: BG052624.D

Acq: 9 Mar 2022 23:33

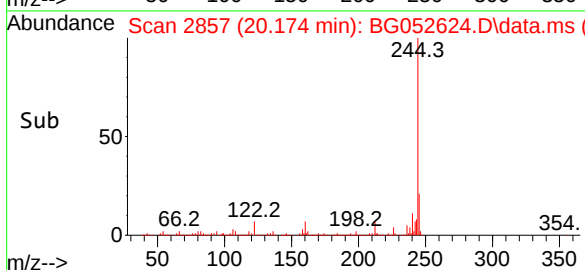
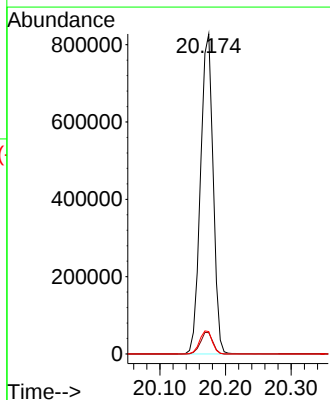
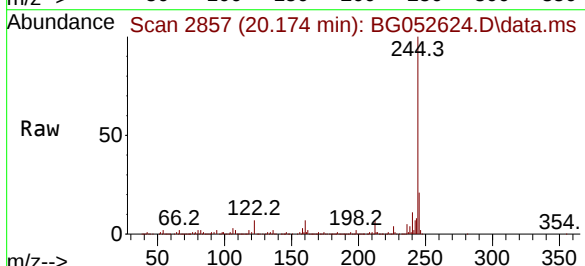
Tgt Ion:244 Resp: 1110243

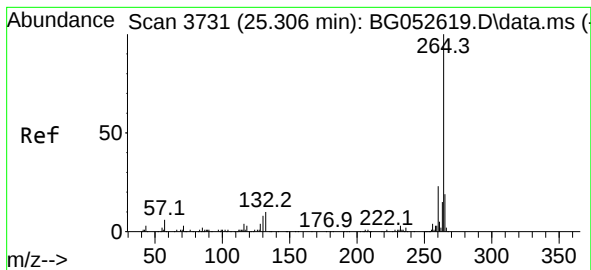
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 7.0 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.309 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG052624.D

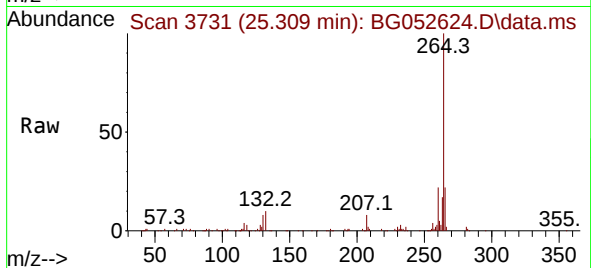
Acq: 9 Mar 2022 23:33

Instrument :

BNA_G

ClientSampleId :

PB143156TB



Tgt Ion:264 Resp: 217528

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.2

265 21.6 15.1 22.7

