

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052535.D
 Acq On : 2 Mar 2022 13:01
 Operator : CG/JU
 Sample : PB143029BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143029BL

Quant Time: Mar 03 02:25:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

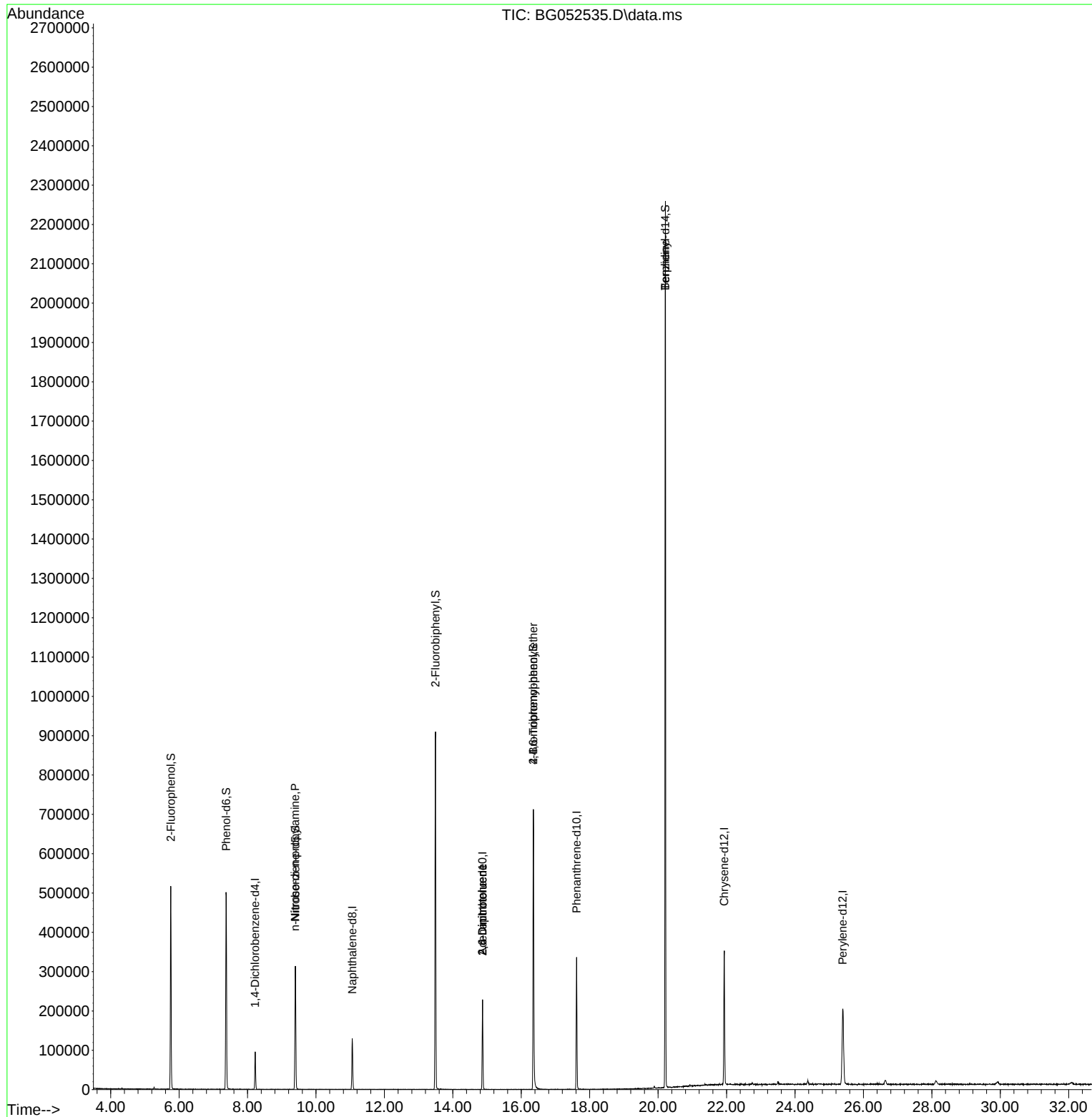
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	26823	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	111821	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	82552	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	221709	20.000	ng	0.00
76) Chrysene-d12	21.934	240	234633	20.000	ng	0.00
86) Perylene-d12	25.394	264	230313	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	219884	142.873	ng	0.00
7) Phenol-d6	7.377	99	300971	126.745	ng	0.00
23) Nitrobenzene-d5	9.398	82	206310	80.186	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	164770	138.930	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	514824	86.656	ng	0.00
79) Terphenyl-d14	20.213	244	1165560	87.721	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.371	77	482	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.392	70	28058	15.673	ng	# 70
51) 2,6-Dinitrotoluene	14.867	165	10996	8.058	ng	# 17
57) 2,4-Dinitrotoluene	14.867	165	10996	5.661	ng	# 16
67) 4-Bromophenyl-phenylether	16.353	248	10340	3.835	ng	# 1
77) Benzidine	20.213	184	16500	3.291	ng	# 94

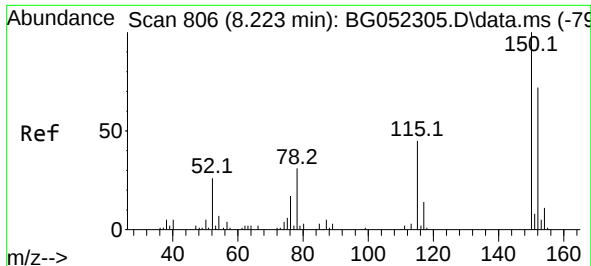
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052535.D
Acq On : 2 Mar 2022 13:01
Operator : CG/JU
Sample : PB143029BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143029BL

Quant Time: Mar 03 02:25:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

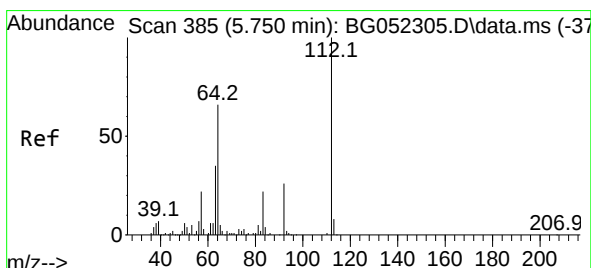
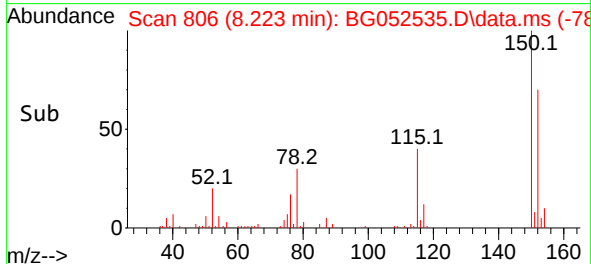
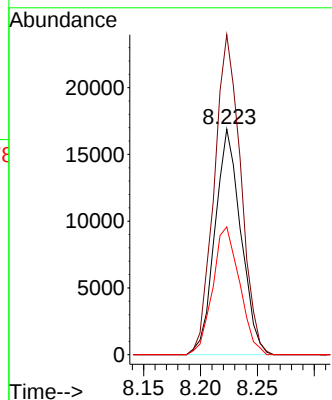
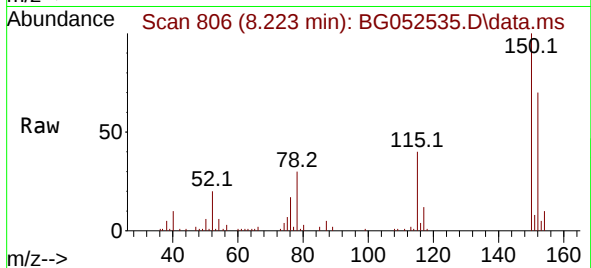




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

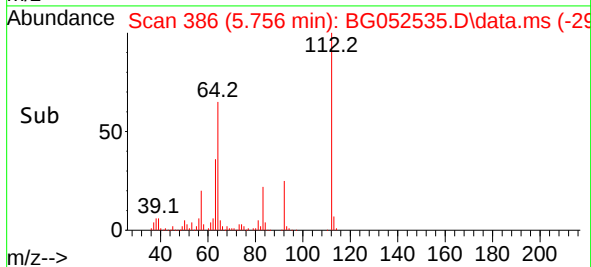
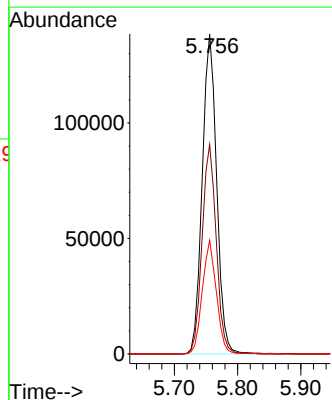
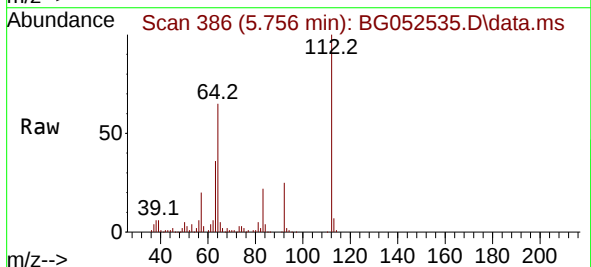
Instrument :
BNA_G
ClientSampleId :
PB143029BL

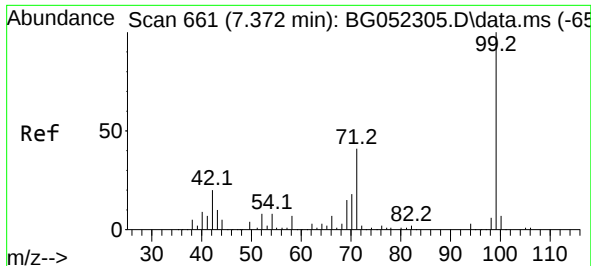
Tgt Ion:152 Resp: 26823
Ion Ratio Lower Upper
152 100
150 141.9 117.8 176.8
115 56.7 50.2 75.2



#5
2-Fluorophenol
Concen: 142.873 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Tgt Ion:112 Resp: 219884
Ion Ratio Lower Upper
112 100
64 65.4 60.4 90.6
63 35.5 33.3 49.9

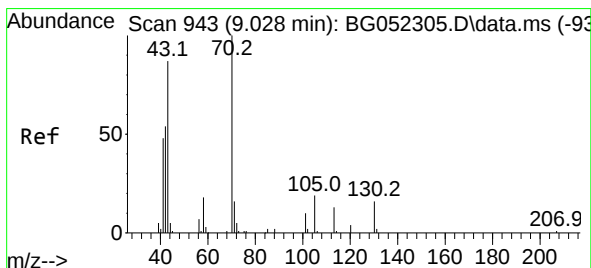
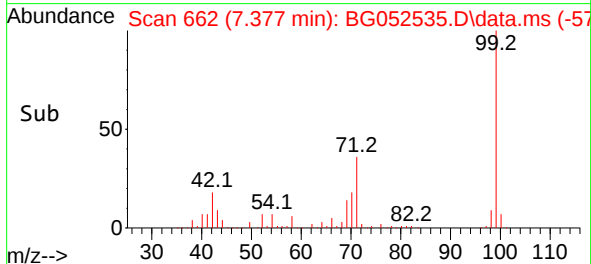
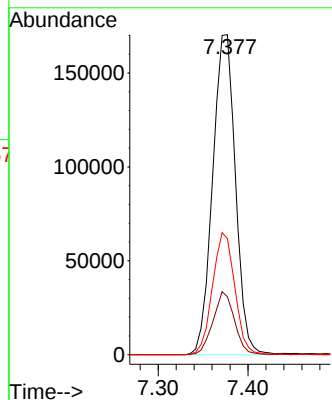
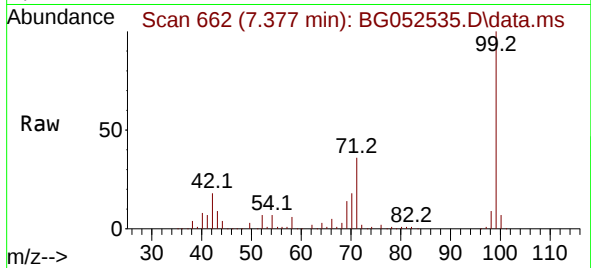




#7
Phenol-d6
Concen: 126.745 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

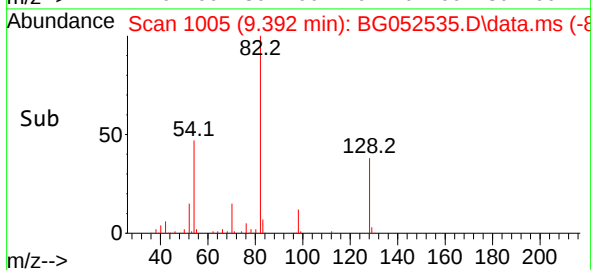
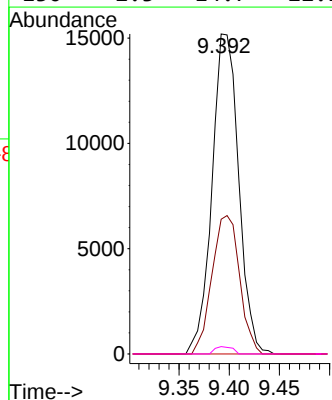
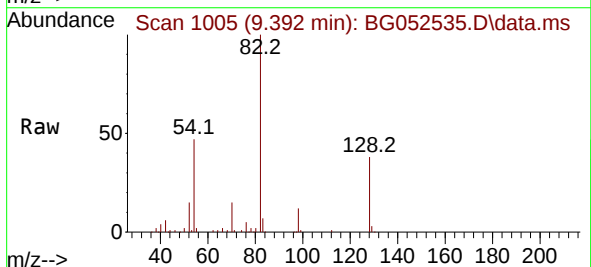
Instrument :
BNA_G
ClientSampleId :
PB143029BL

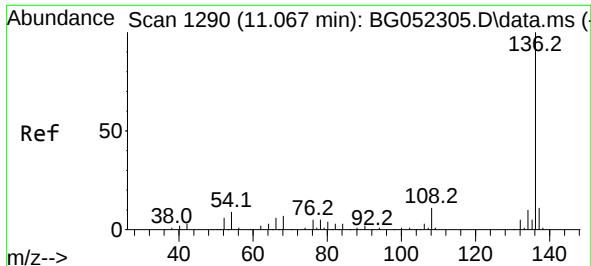
Tgt Ion: 99 Resp: 300971
Ion Ratio Lower Upper
99 100
42 18.1 19.1 28.7#
71 36.3 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.673 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Tgt Ion: 70 Resp: 28058
Ion Ratio Lower Upper
70 100
42 42.1 51.8 77.6#
101 0.0 6.6 10.0#
130 2.3 14.7 22.1#

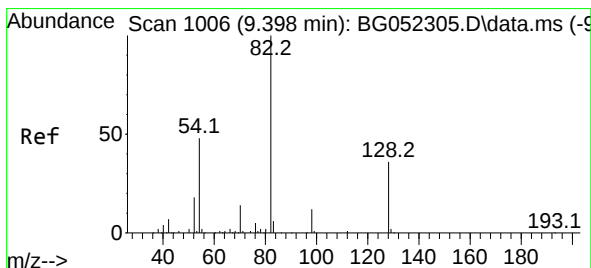
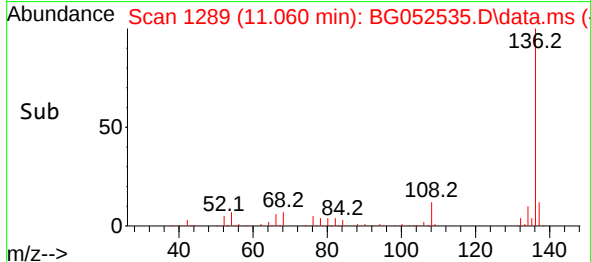
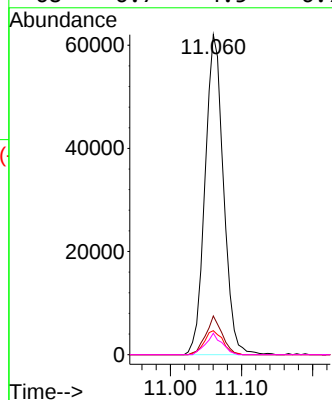
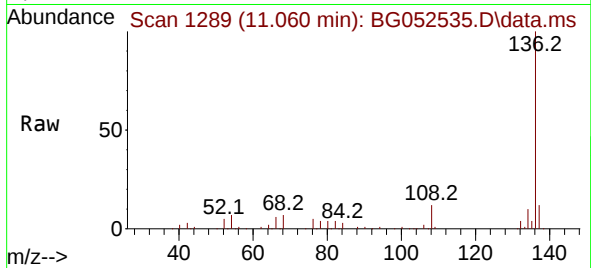




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1118
Delta R.T. -0.007 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

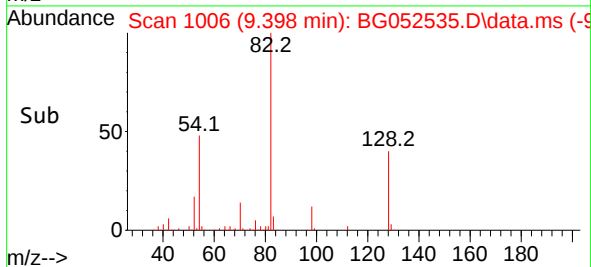
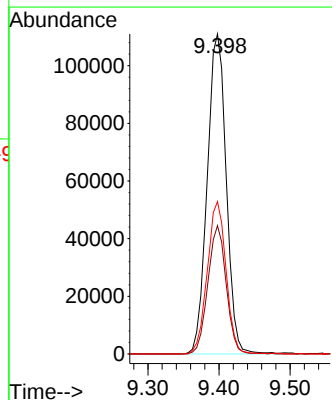
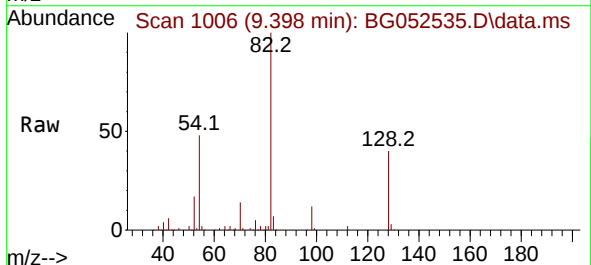
Instrument :
BNA_G
ClientSampleId :
PB143029BL

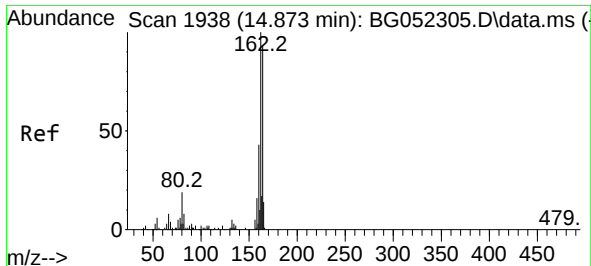
Tgt Ion:136 Resp: 111821
Ion Ratio Lower Upper
136 100
137 12.1 9.1 13.7
54 7.5 8.3 12.5#
68 6.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 80.186 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Tgt Ion: 82 Resp: 206310
Ion Ratio Lower Upper
82 100
128 40.1 27.0 40.4
54 47.6 41.0 61.6

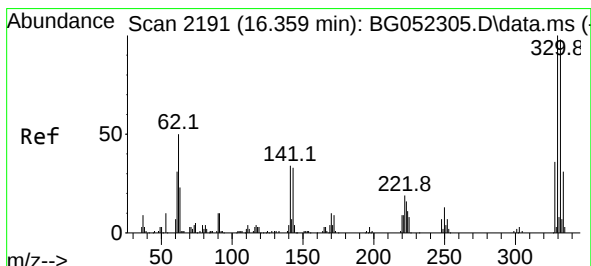
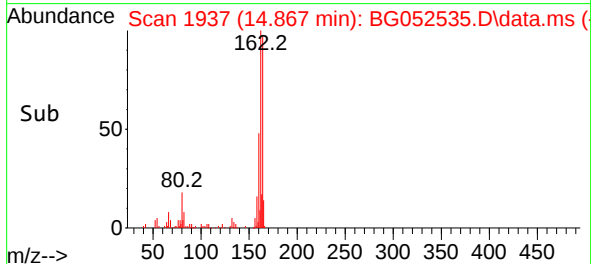
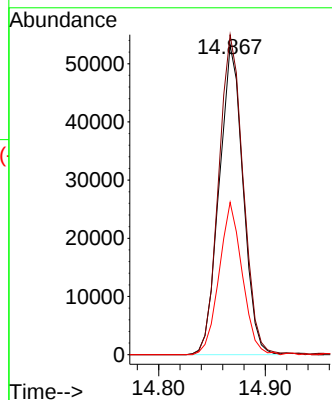
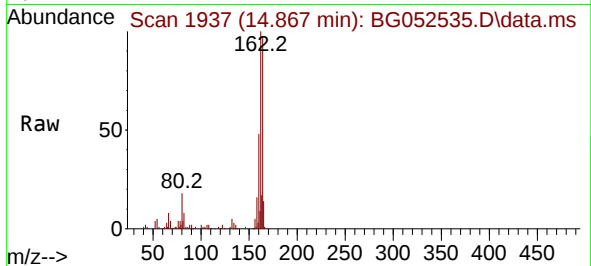




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

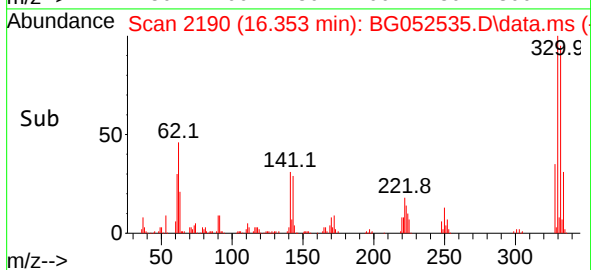
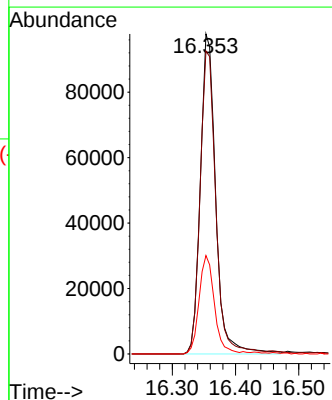
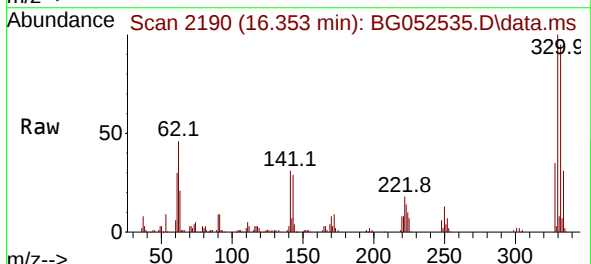
Instrument :
BNA_G
ClientSampleId :
PB143029BL

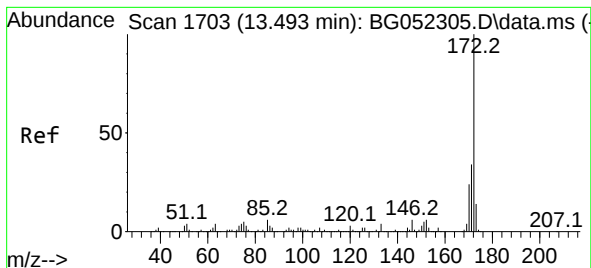
Tgt Ion:164 Resp: 82552
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 49.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 138.930 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Tgt Ion:330 Resp: 164770
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 31.4 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 86.656 ng

RT: 13.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG052535.D

Acq: 2 Mar 2022 13:01

Instrument :

BNA_G

ClientSampleId :

PB143029BL

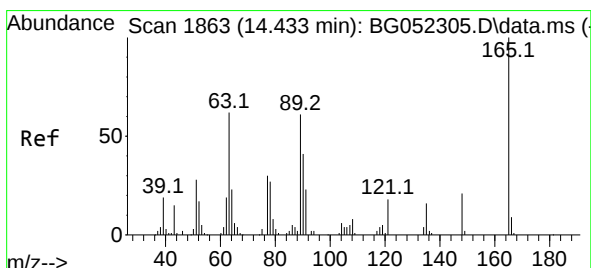
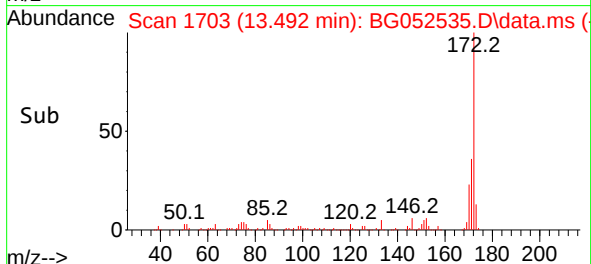
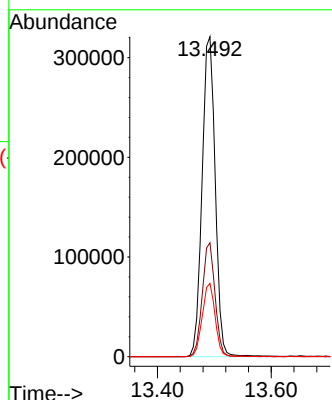
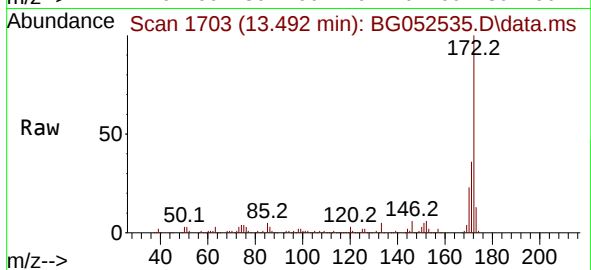
Tgt Ion:172 Resp: 514824

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 22.9 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.058 ng

RT: 14.867 min Scan# 1937

Delta R.T. 0.434 min

Lab File: BG052535.D

Acq: 2 Mar 2022 13:01

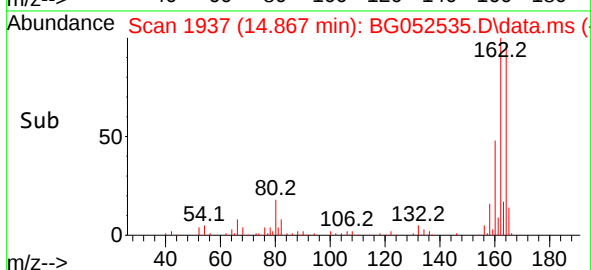
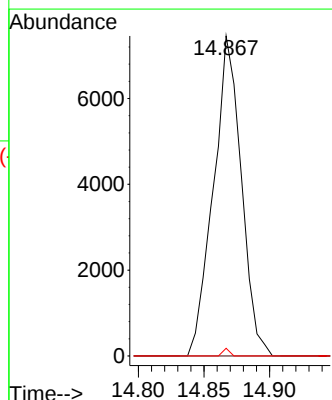
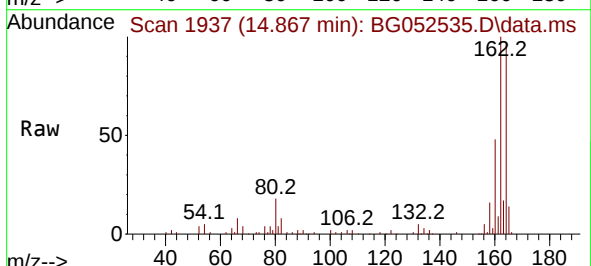
Tgt Ion:165 Resp: 10996

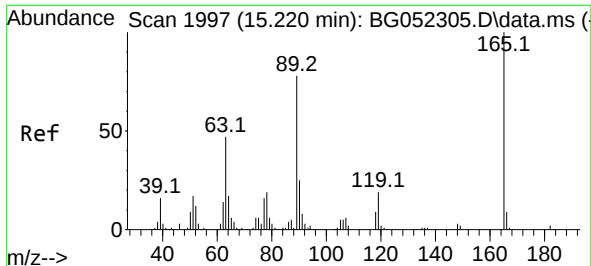
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

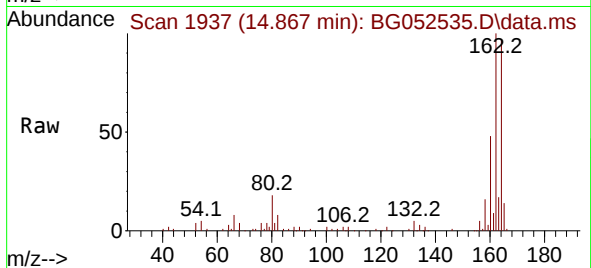
89 2.4 49.4 74.0#



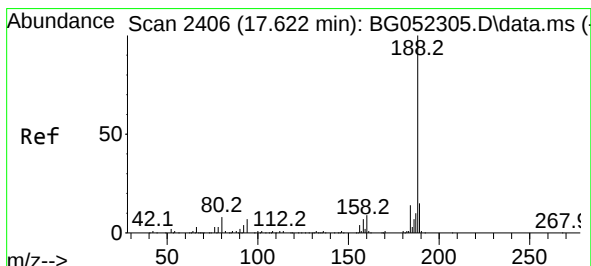
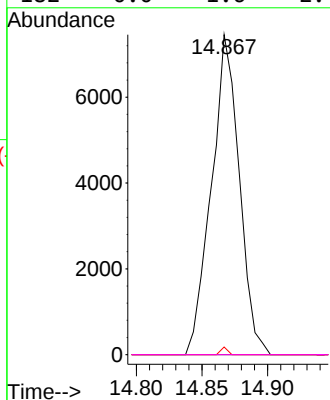
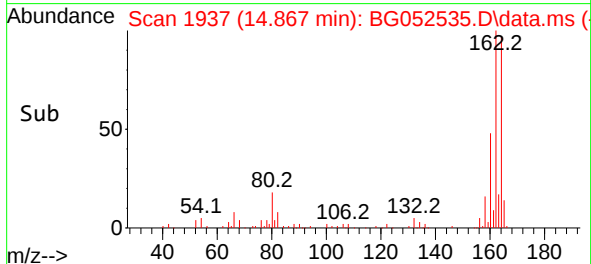


#57
2,4-Dinitrotoluene
Concen: 5.661 ng
RT: 14.867 min Scan# 1997
Delta R.T. -0.353 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

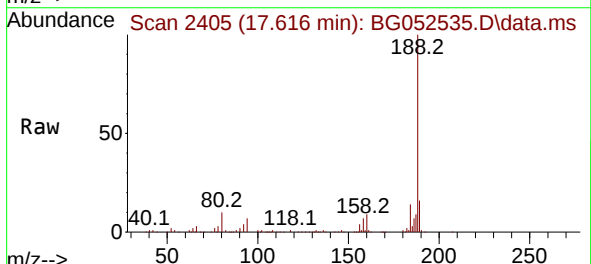
Instrument :
BNA_G
ClientSampleId :
PB143029BL



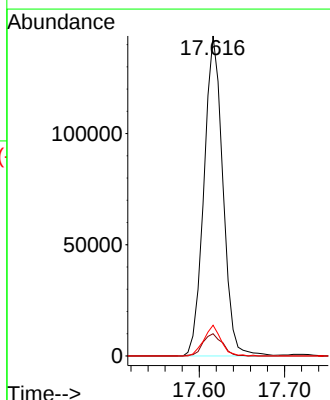
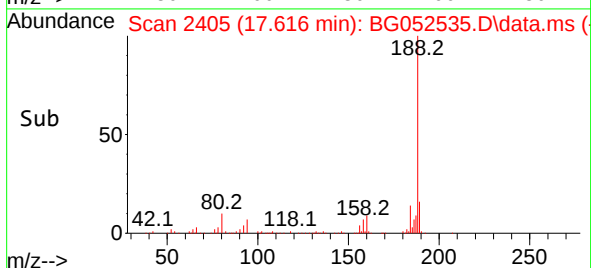
Tgt Ion:165 Resp: 10996
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.4 67.4 101.0#
182 0.0 1.6 2.4#

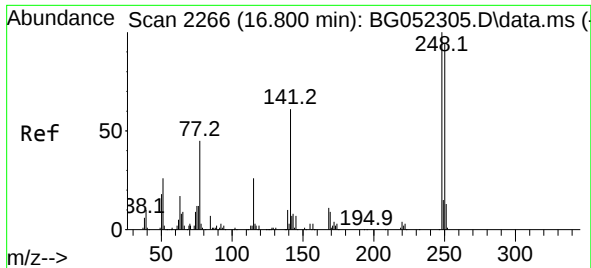


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01



Tgt Ion:188 Resp: 221709
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 9.6 6.6 10.0

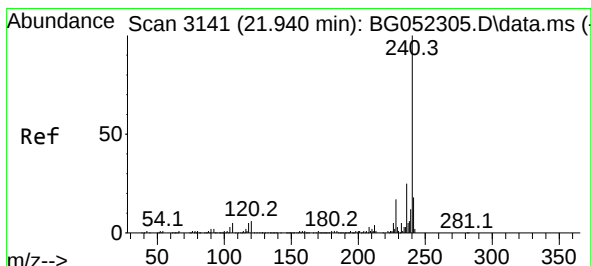
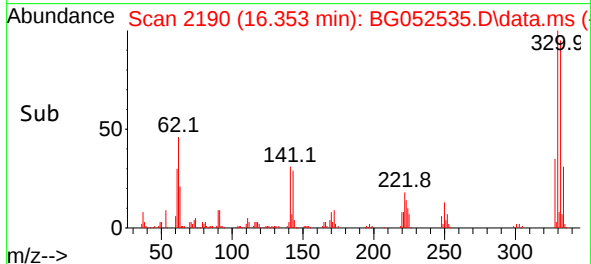
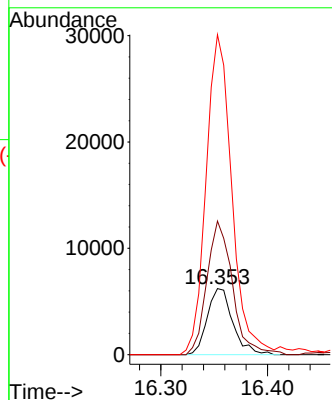
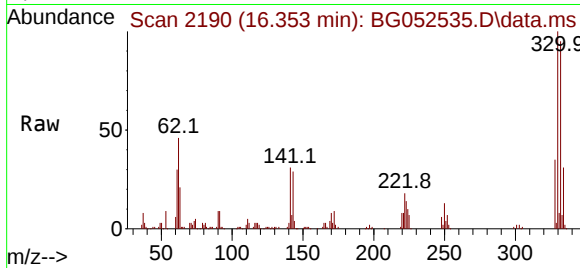




#67
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 16.353 min Scan# 21190
Delta R.T. -0.447 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

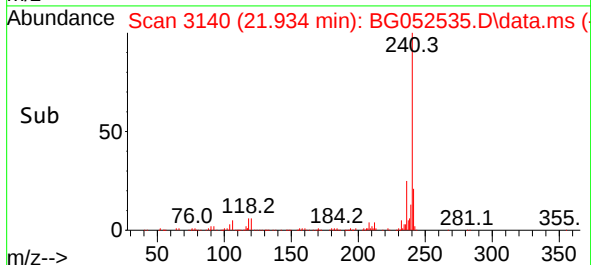
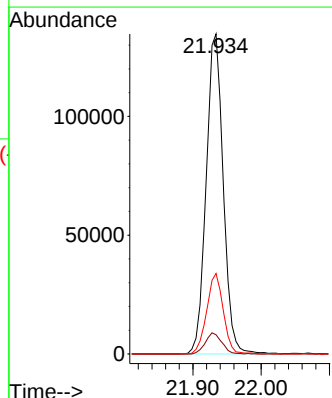
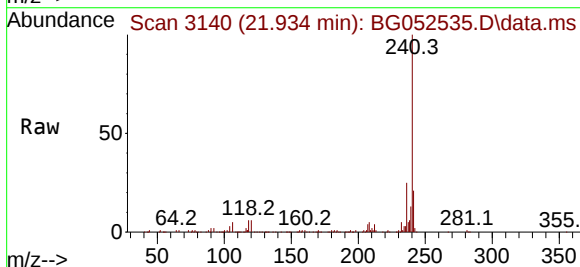
Instrument :
BNA_G
ClientSampleId :
PB143029BL

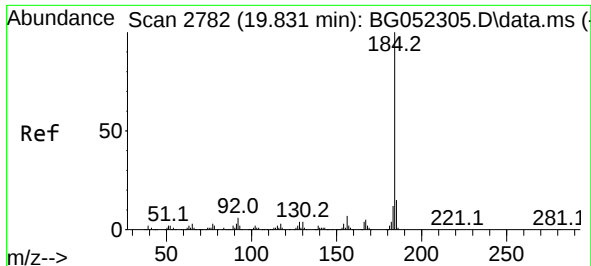
Tgt Ion:248 Resp: 10340
Ion Ratio Lower Upper
248 100
250 202.0 79.6 119.4#
141 483.9 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Tgt Ion:240 Resp: 234633
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 25.1 20.8 31.2

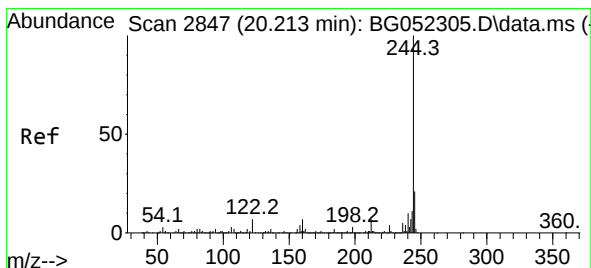
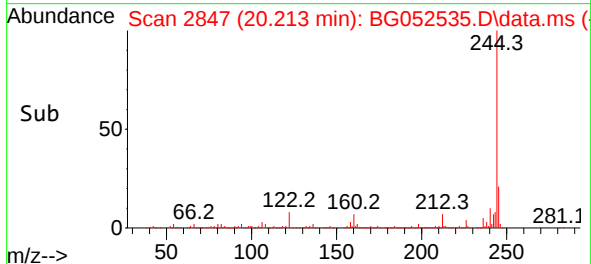
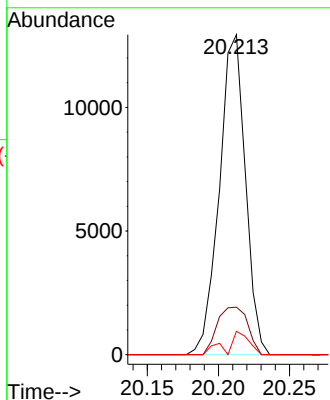
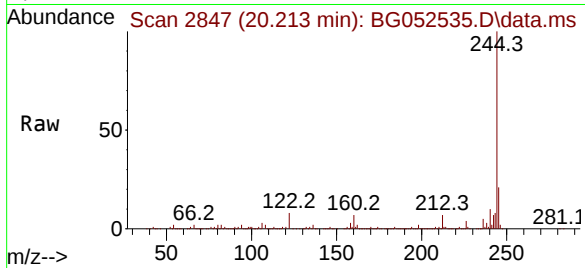




#77
Benzidine
Concen: 3.291 ng
RT: 20.213 min Scan# 2847
Delta R.T. 0.381 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

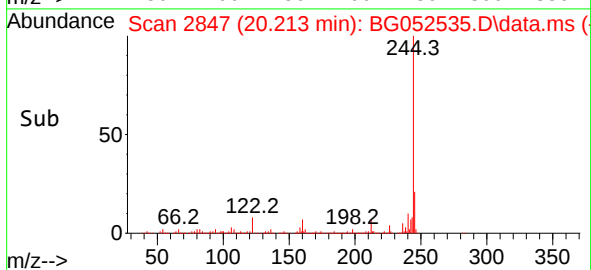
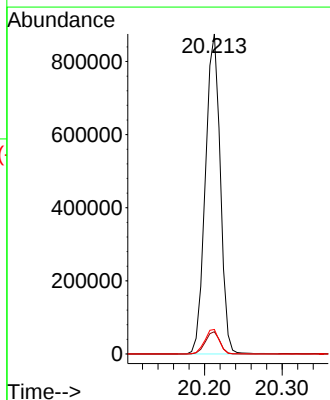
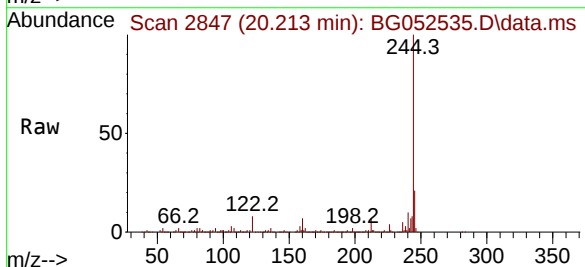
Instrument :
BNA_G
ClientSampleId :
PB143029BL

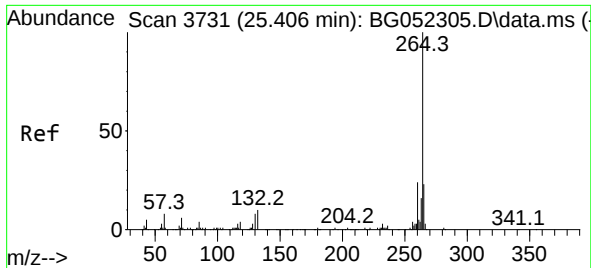
Tgt Ion:184 Resp: 16500
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 7.3 9.8 14.6#



#79
Terphenyl-d14
Concen: 87.721 ng
RT: 20.213 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Tgt Ion:244 Resp: 1165560
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.7 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.394 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052535.D
Acq: 2 Mar 2022 13:01

Instrument :
BNA_G
ClientSampleId :
PB143029BL

Tgt Ion:264 Resp: 230313

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.8	17.8	26.6

