

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052543.D
 Acq On : 2 Mar 2022 19:02
 Operator : CG/JU
 Sample : N1708-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B19-15.5-16.0

Quant Time: Mar 03 02:26:45 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)

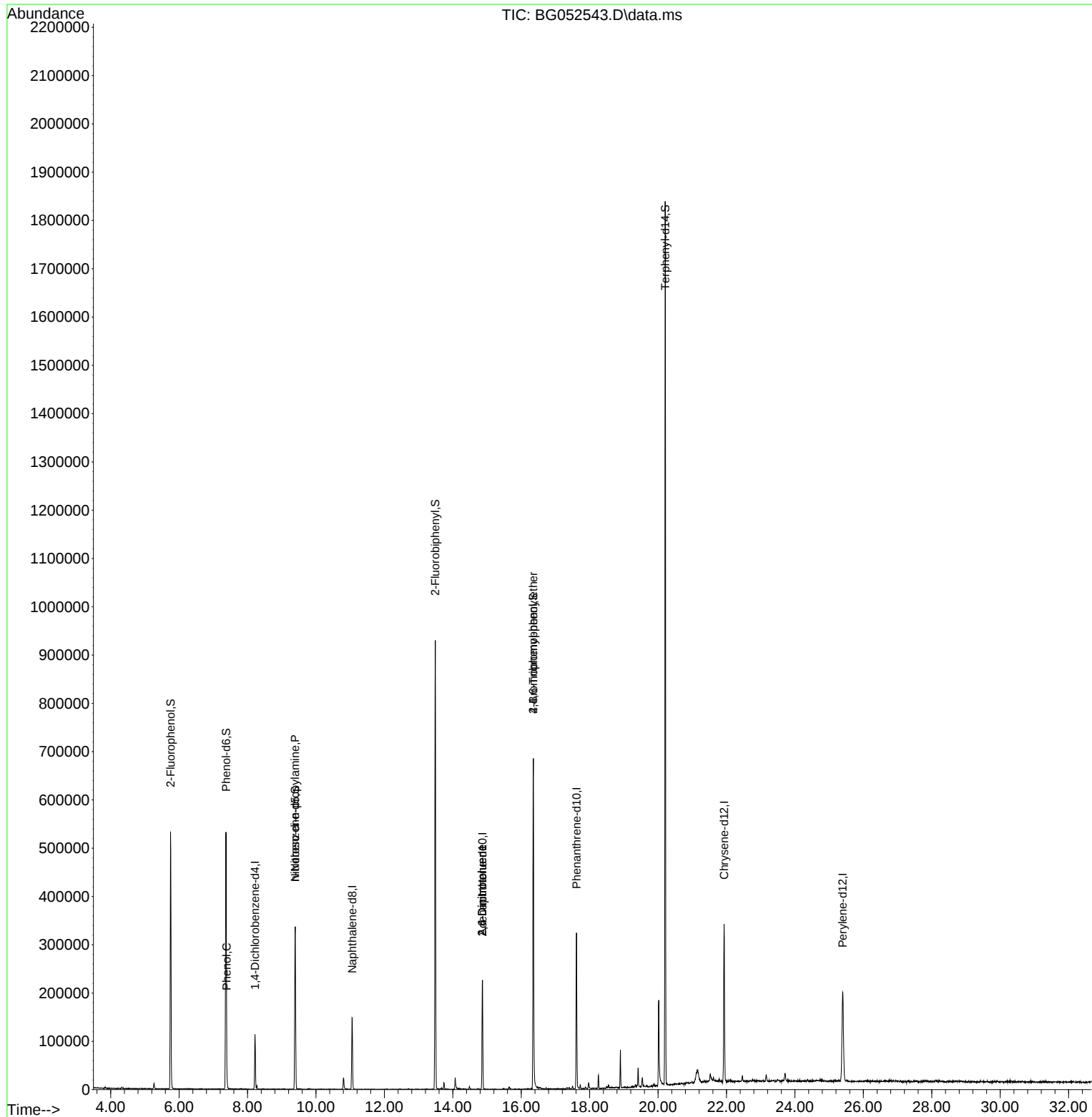
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	32252	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	130257	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	87882	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	215133	20.000	ng	0.00
76) Chrysene-d12	21.928	240	220761	20.000	ng	-0.01
86) Perylene-d12	25.394	264	222755	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	233708	126.293	ng	0.00
7) Phenol-d6	7.372	99	323511	113.304	ng	0.00
23) Nitrobenzene-d5	9.392	82	221404	73.873	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	153542	121.611	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	499715	79.012	ng	0.00
79) Terphenyl-d14	20.207	244	951890	76.142	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.366	77	476	Below Cal	#	8
10) Phenol	7.389	94	7757	2.734	ng	# 53
19) n-Nitroso-di-n-propyla...	9.392	70	30403	14.124	ng	# 72
51) 2,6-Dinitrotoluene	14.861	165	12209	8.404	ng	# 16
57) 2,4-Dinitrotoluene	14.861	165	12209	5.905	ng	# 15
67) 4-Bromophenyl-phenylether	16.354	248	9592	3.666	ng	# 1

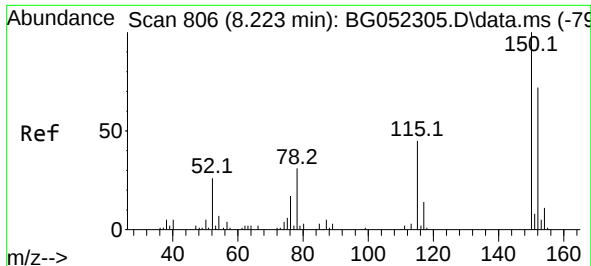
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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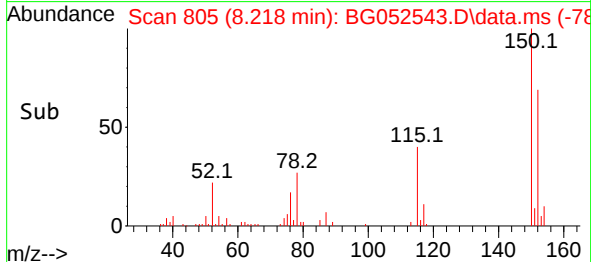
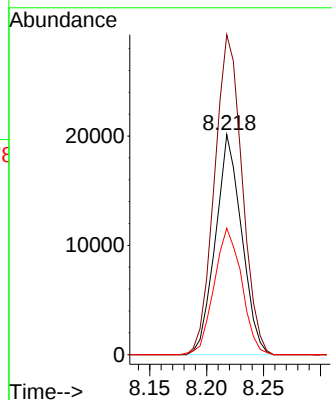
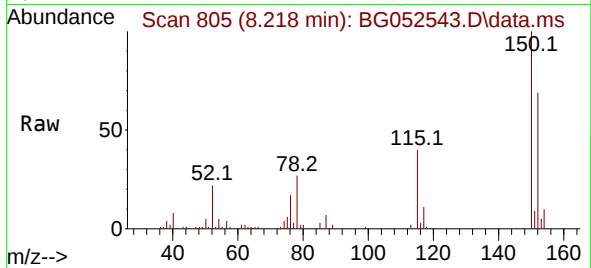




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

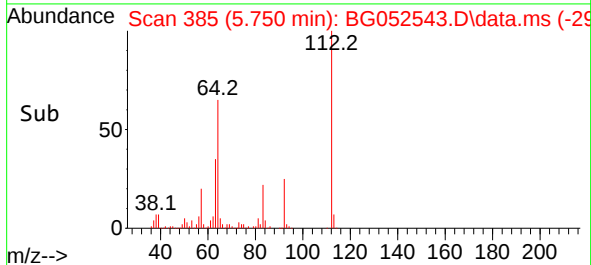
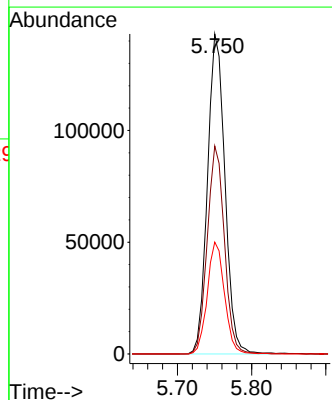
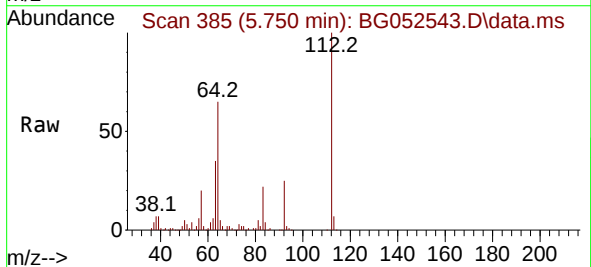
Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0

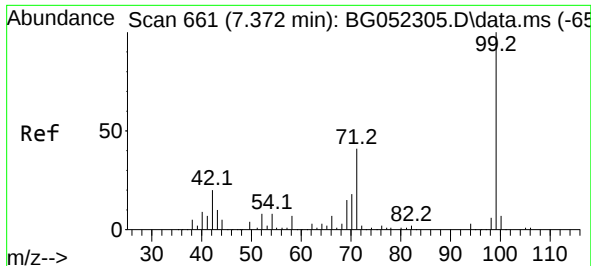
Tgt Ion:152 Resp: 32252
Ion Ratio Lower Upper
152 100
150 145.3 117.8 176.8
115 57.4 50.2 75.2



#5
2-Fluorophenol
Concen: 126.293 ng
RT: 5.750 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

Tgt Ion:112 Resp: 233708
Ion Ratio Lower Upper
112 100
64 65.0 60.4 90.6
63 34.9 33.3 49.9

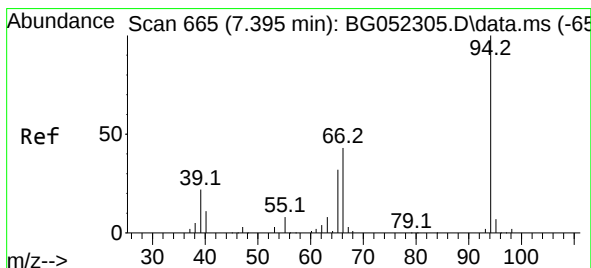
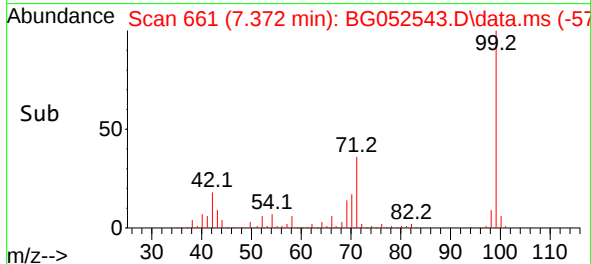
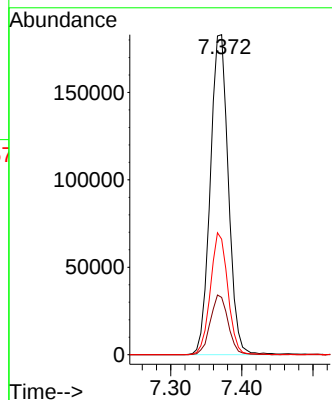
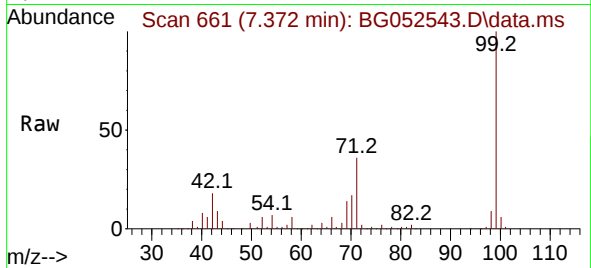




#7
Phenol-d6
Concen: 113.304 ng
RT: 7.372 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

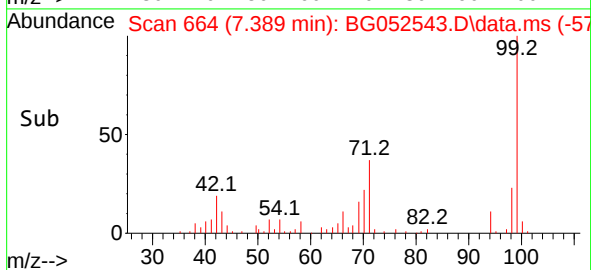
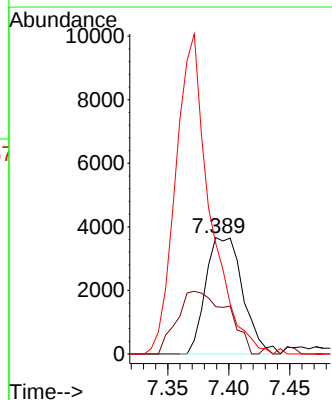
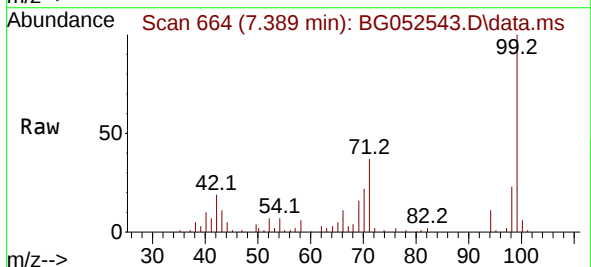
Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0

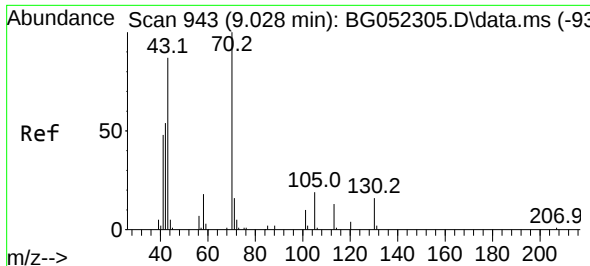
Tgt Ion: 99 Resp: 323511
Ion Ratio Lower Upper
99 100
42 17.9 19.1 28.7#
71 36.1 33.4 50.2



#10
Phenol
Concen: 2.734 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

Tgt Ion: 94 Resp: 7757
Ion Ratio Lower Upper
94 100
65 40.7 14.1 54.1
66 95.2 26.6 66.6#

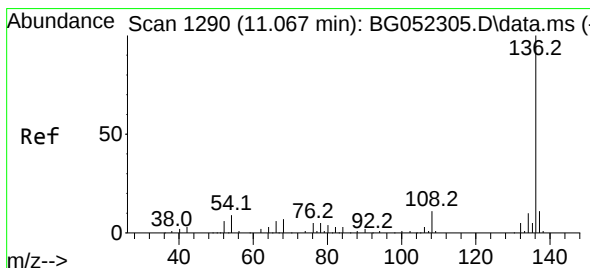
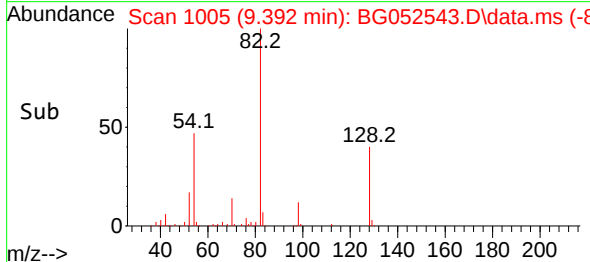
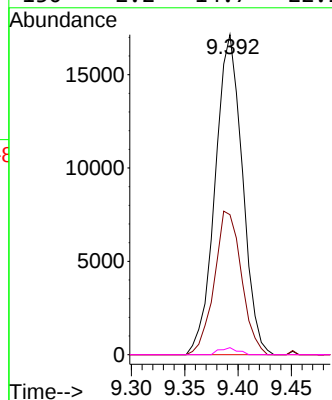
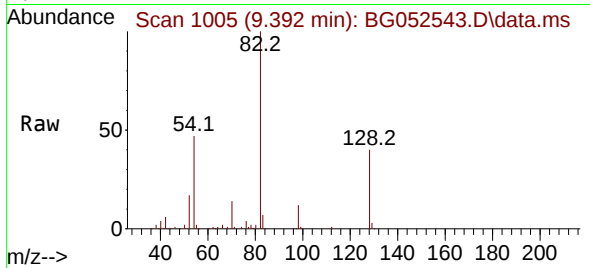




#19
n-Nitroso-di-n-propylamine
Concen: 14.124 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

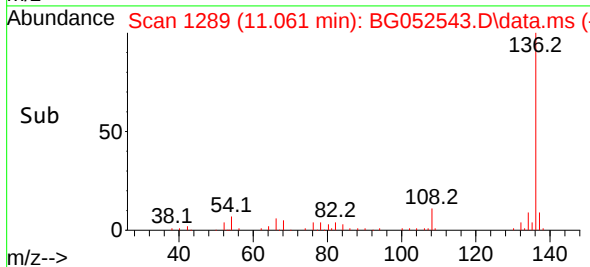
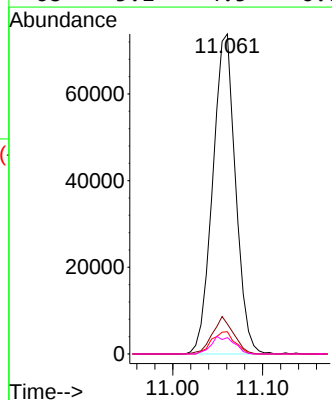
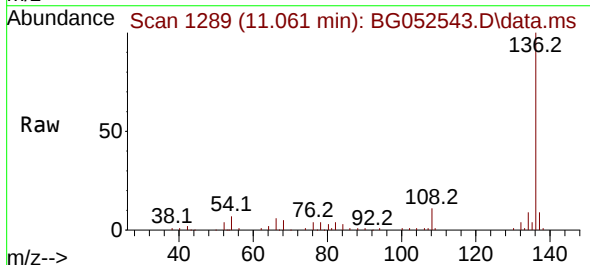
Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0

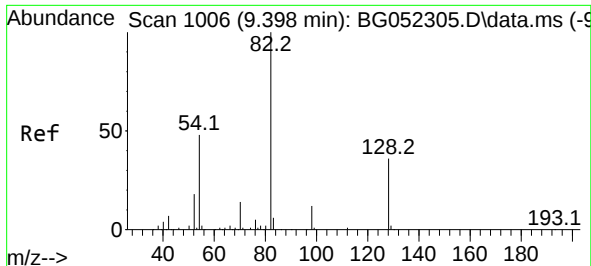
Tgt Ion: 70 Resp: 30403
Ion Ratio Lower Upper
70 100
42 43.7 51.8 77.6#
101 0.0 6.6 10.0#
130 2.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

Tgt Ion:136 Resp: 130257
Ion Ratio Lower Upper
136 100
137 9.3 9.1 13.7
54 7.0 8.3 12.5#
68 5.1 4.5 6.7

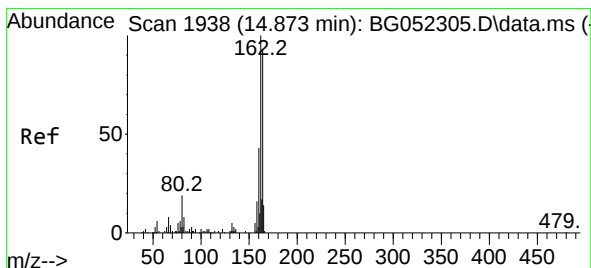
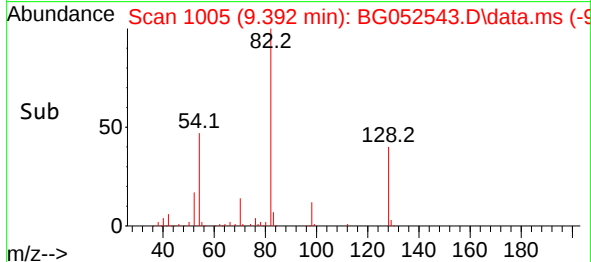
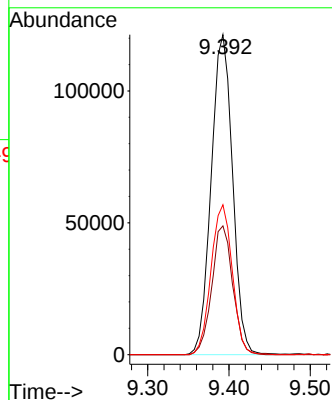
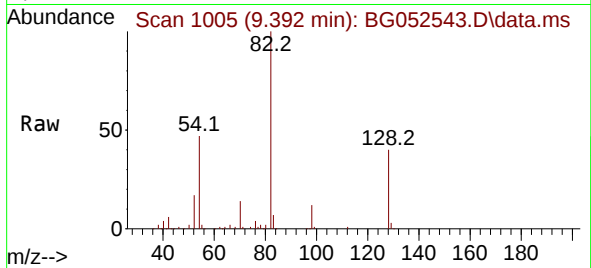




#23
Nitrobenzene-d5
Concen: 73.873 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

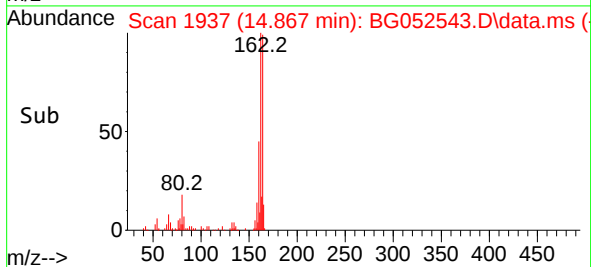
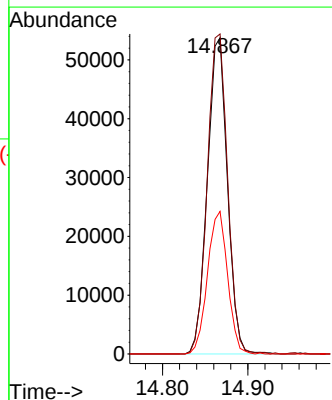
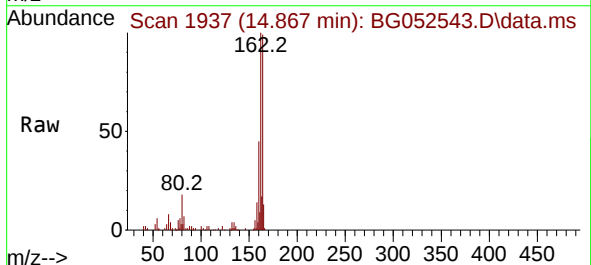
Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0

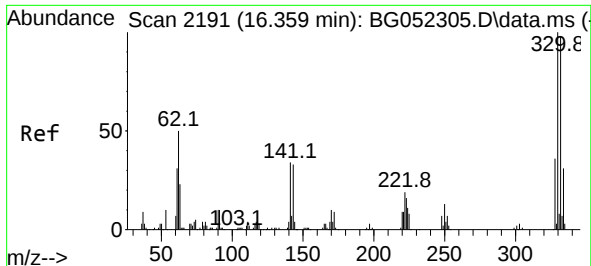
Tgt Ion: 82 Resp: 221404
Ion Ratio Lower Upper
82 100
128 40.3 27.0 40.4
54 46.8 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

Tgt Ion: 164 Resp: 87882
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 121.611 ng

RT: 16.354 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG052543.D

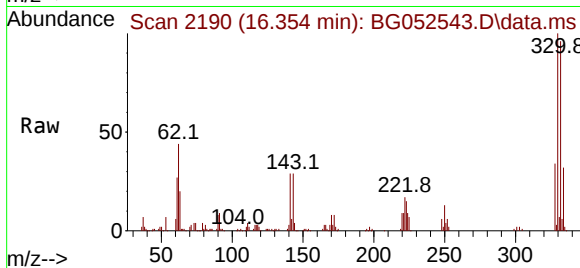
Acq: 2 Mar 2022 19:02

Instrument :

BNA_G

ClientSampleId :

PPSP-B19-15.5-16.0



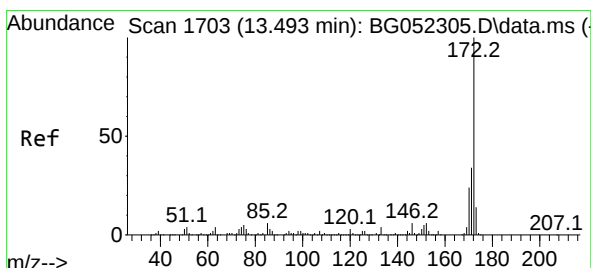
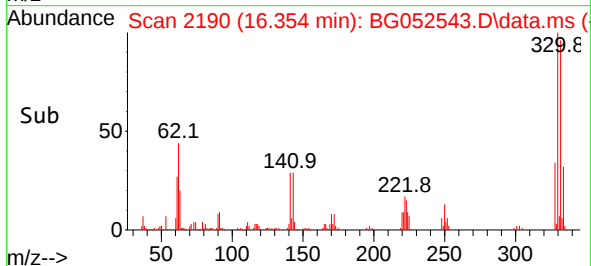
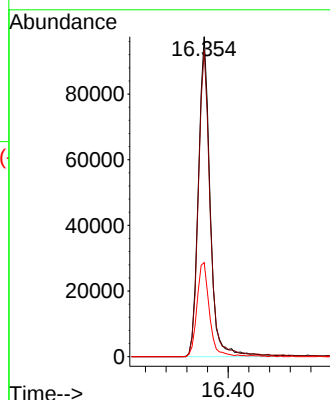
Tgt Ion:330 Resp: 153542

Ion Ratio Lower Upper

330 100

332 96.0 78.6 117.8

141 31.1 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 79.012 ng

RT: 13.487 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BG052543.D

Acq: 2 Mar 2022 19:02

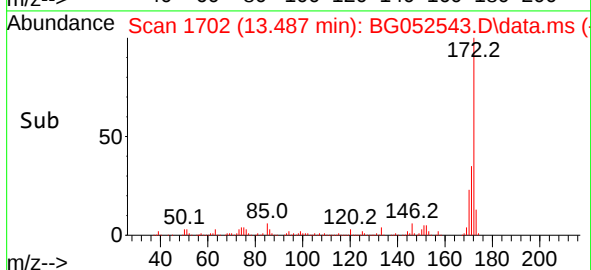
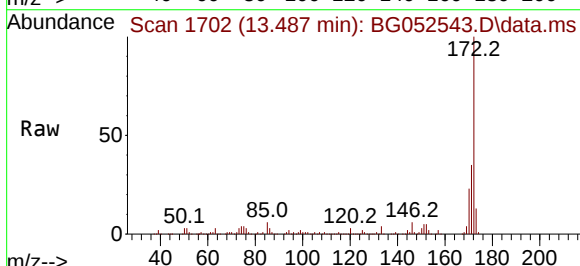
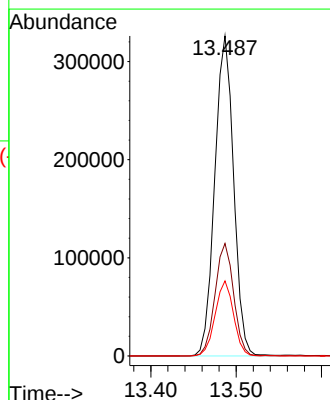
Tgt Ion:172 Resp: 499715

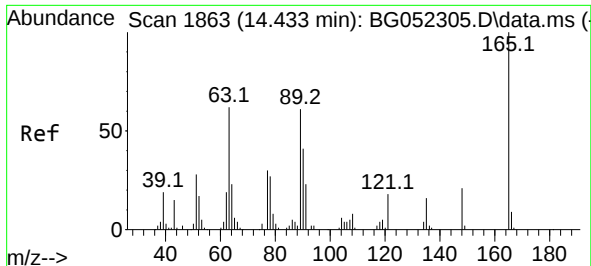
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 18.3 27.5

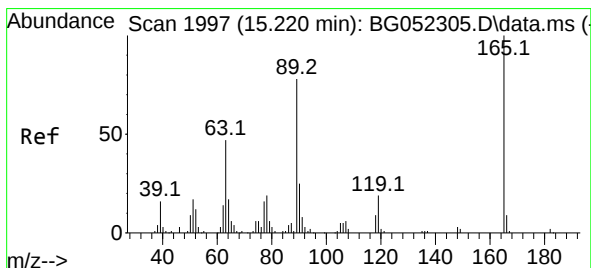
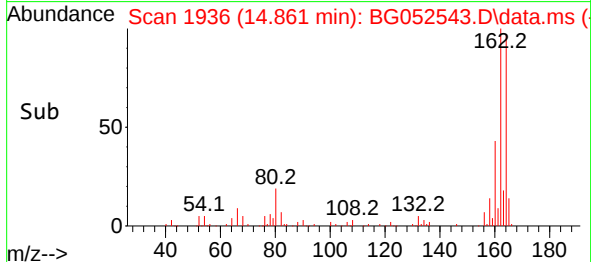
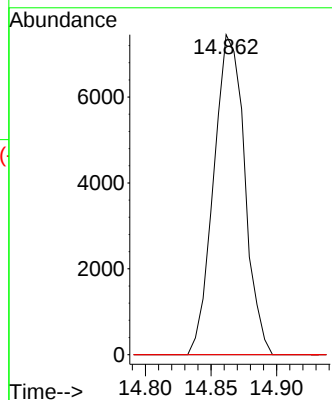
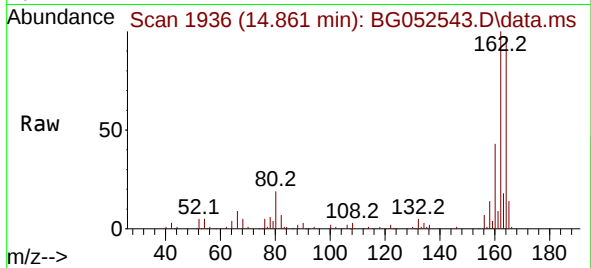




#51
2,6-Dinitrotoluene
Concen: 8.404 ng
RT: 14.861 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

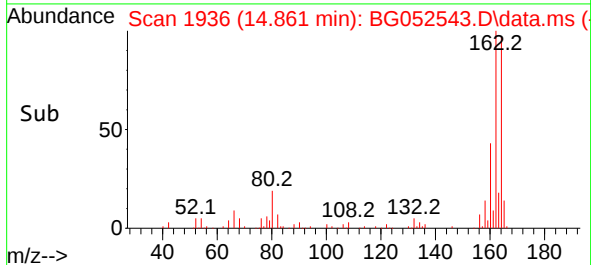
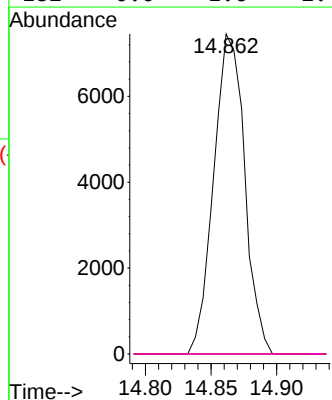
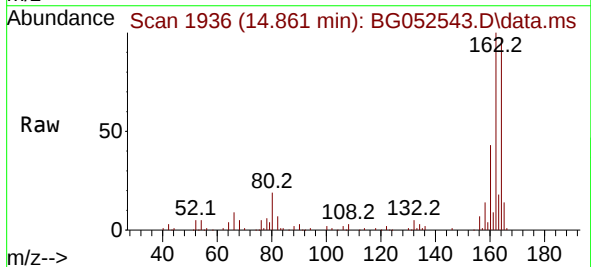
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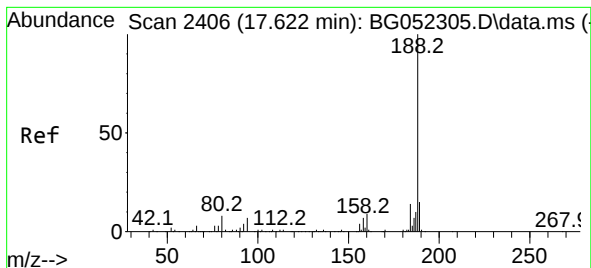
Tgt Ion:165 Resp: 12209
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.905 ng
RT: 14.861 min Scan# 1936
Delta R.T. -0.358 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

Tgt Ion:165 Resp: 12209
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.617 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG052543.D

Acq: 2 Mar 2022 19:02

Instrument :

BNA_G

ClientSampleId :

PPSP-B19-15.5-16.0

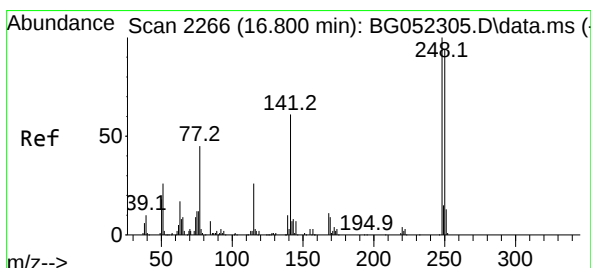
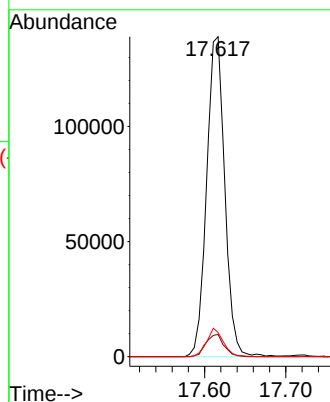
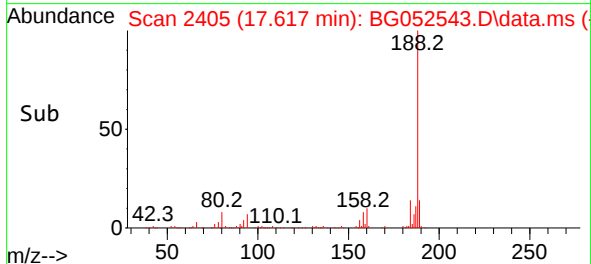
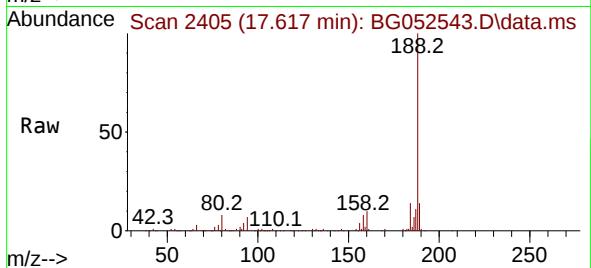
Tgt Ion:188 Resp: 215133

Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

80 7.5 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.666 ng

RT: 16.354 min Scan# 2190

Delta R.T. -0.446 min

Lab File: BG052543.D

Acq: 2 Mar 2022 19:02

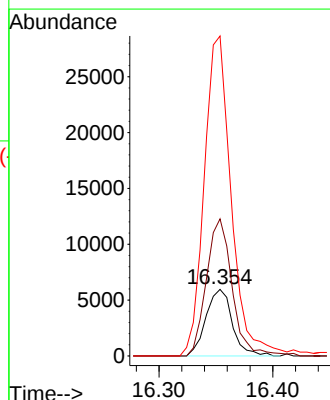
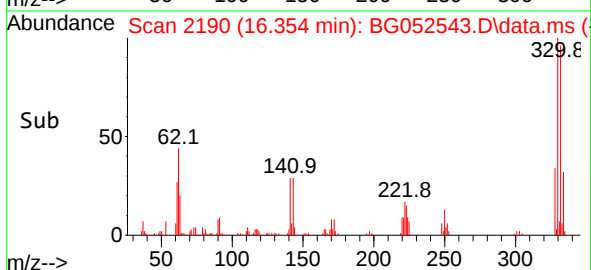
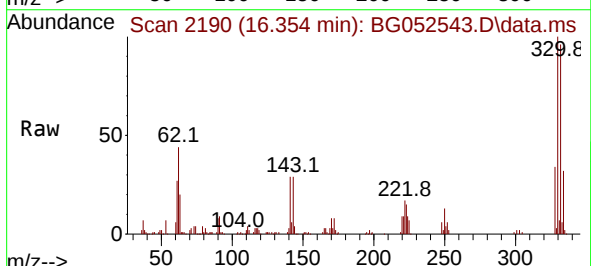
Tgt Ion:248 Resp: 9592

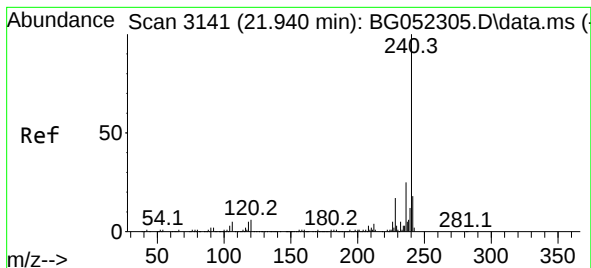
Ion Ratio Lower Upper

248 100

250 205.8 79.6 119.4#

141 480.4 54.6 81.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.928 min Scan# 3141

Delta R.T. -0.012 min

Lab File: BG052543.D

Acq: 2 Mar 2022 19:02

Instrument :

BNA_G

ClientSampleId :

PPSP-B19-15.5-16.0

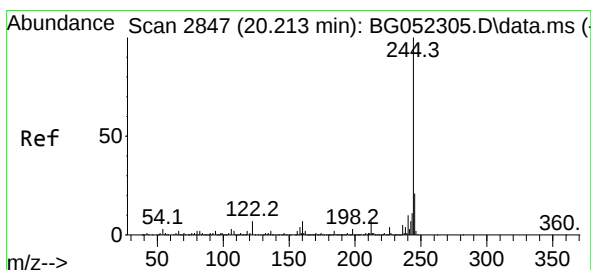
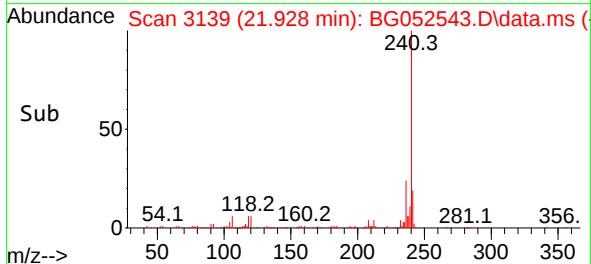
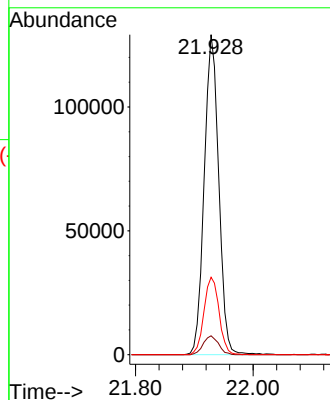
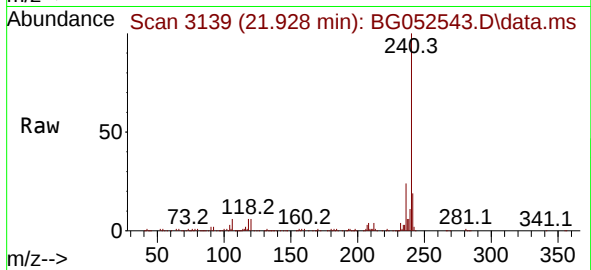
Tgt Ion:240 Resp: 220761

Ion Ratio Lower Upper

240 100

120 5.9 4.4 6.6

236 24.2 20.8 31.2



#79

Terphenyl-d14

Concen: 76.142 ng

RT: 20.207 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BG052543.D

Acq: 2 Mar 2022 19:02

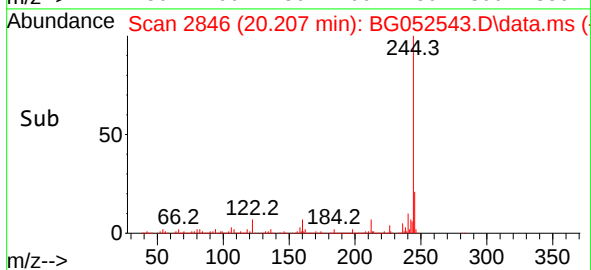
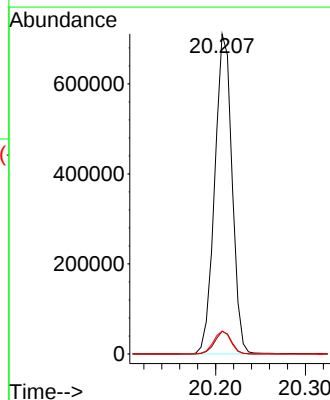
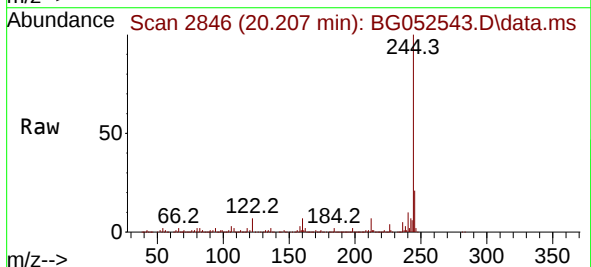
Tgt Ion:244 Resp: 951890

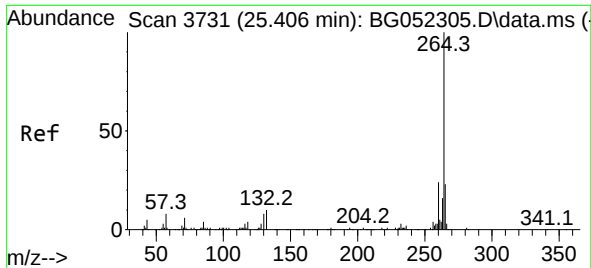
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

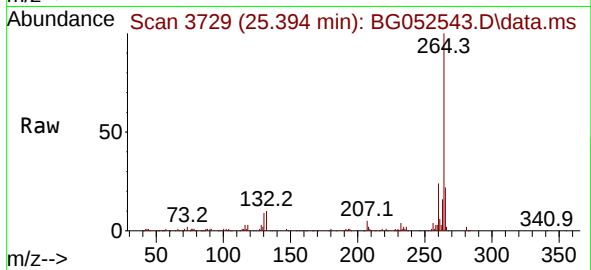
122 7.2 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.394 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052543.D
Acq: 2 Mar 2022 19:02

Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0



Tgt Ion:264 Resp: 222755

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	22.4	17.8	26.6

