

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052518.D
 Acq On : 1 Mar 2022 14:26
 Operator : CG/JU
 Sample : N1653-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20220223F

Quant Time: Mar 02 01:51:46 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)

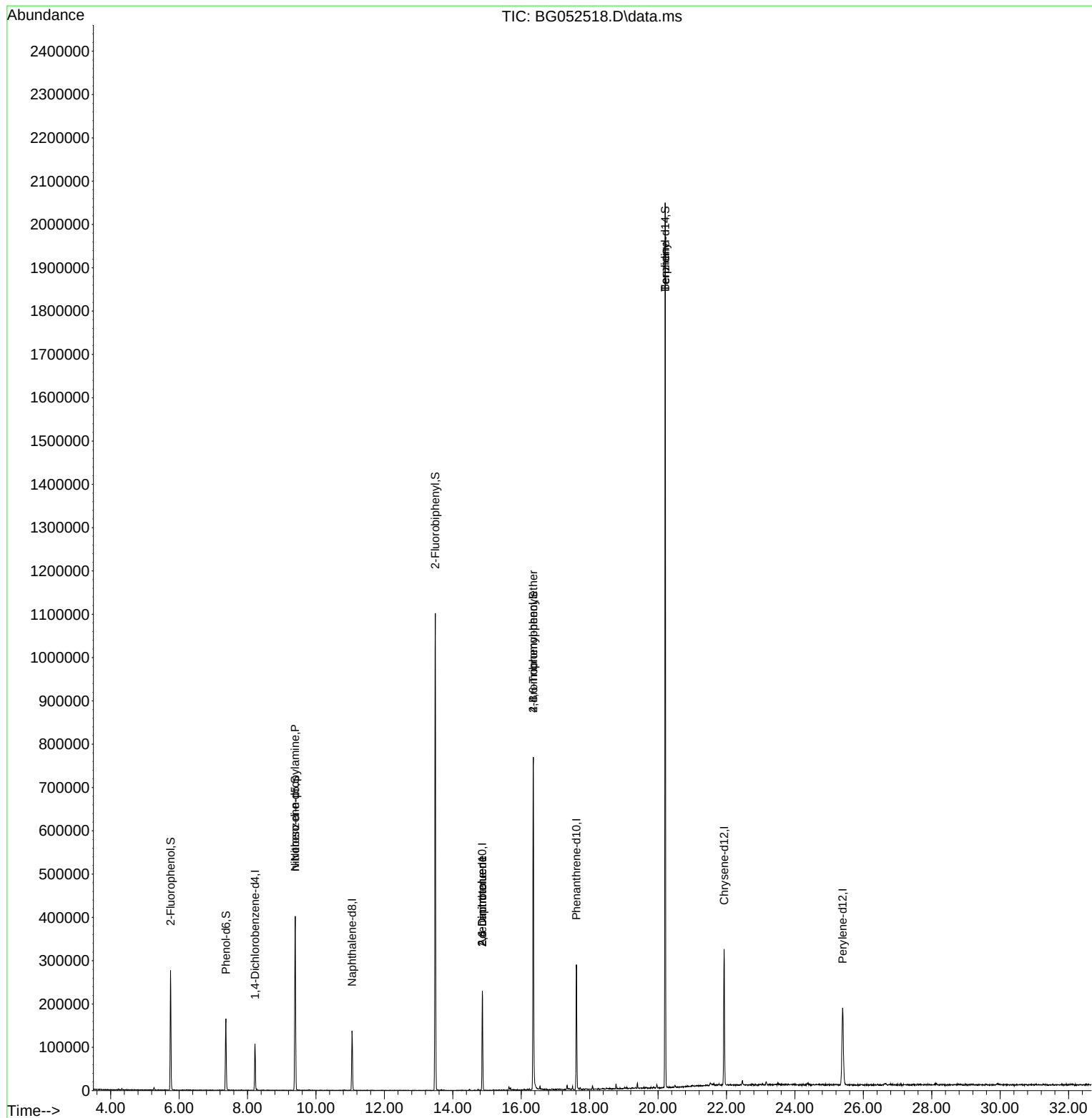
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	30820	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	117027	20.000	ng	#-0.01
39) Acenaphthene-d10	14.863	164	83432	20.000	ng	-0.01
64) Phenanthrene-d10	17.612	188	194635	20.000	ng	-0.01
76) Chrysene-d12	21.930	240	212190	20.000	ng	#-0.01
86) Perylene-d12	25.395	264	211711	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	120155	67.947	ng	0.00
7) Phenol-d6	7.367	99	96413	35.336	ng	0.00
23) Nitrobenzene-d5	9.394	82	258817	96.119	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	170038	141.860	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	601456	100.171	ng	0.00
79) Terphenyl-d14	20.208	244	1040601	86.600	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.355	77	53	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.394	70	35810	17.409	ng	# 76
51) 2,6-Dinitrotoluene	14.863	165	11917	8.640	ng	# 17
57) 2,4-Dinitrotoluene	14.863	165	11917	6.071	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	10737	4.536	ng	# 1
77) Benzidine	20.208	184	14662	3.234	ng	# 89

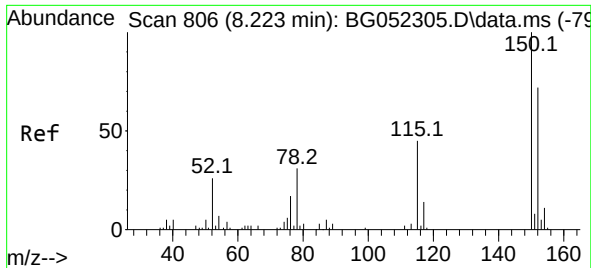
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
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Quant Time: Mar 02 01:51:46 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

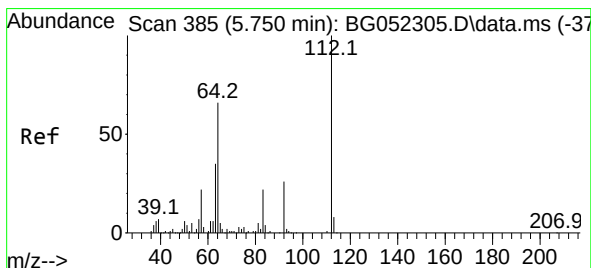
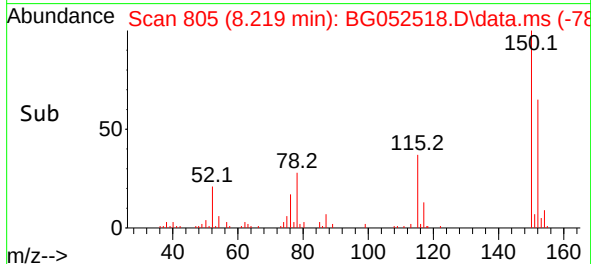
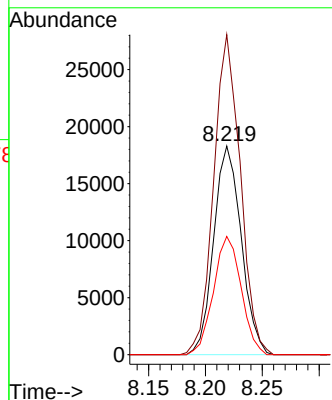
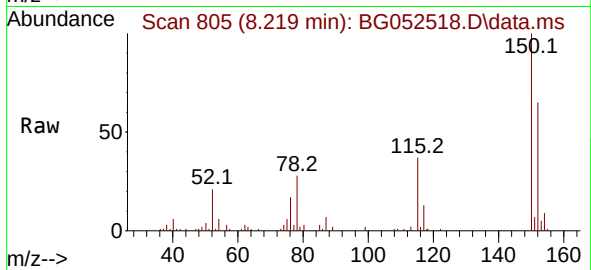




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

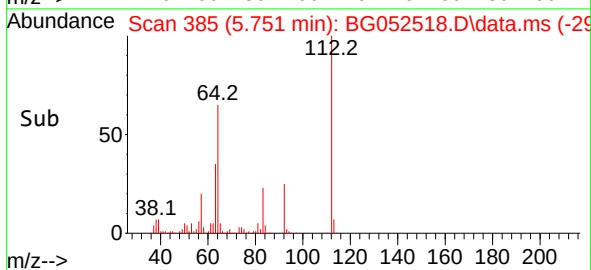
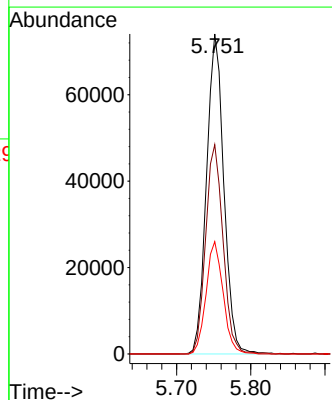
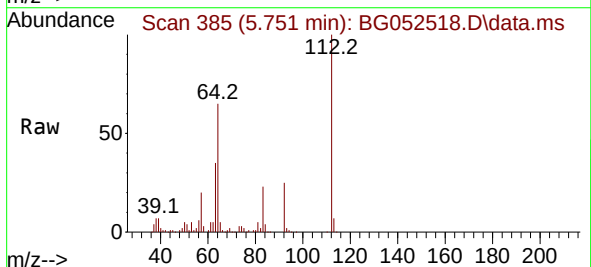
Instrument :
BNA_G
ClientSampleId :
SP-303-20220223F

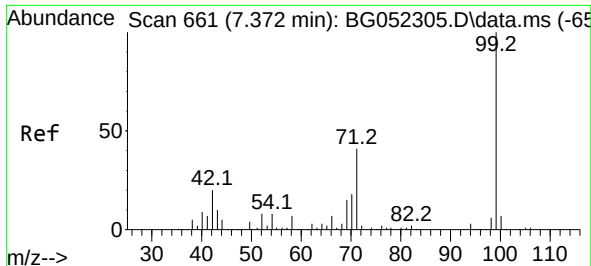
Tgt Ion:152 Resp: 30820
Ion Ratio Lower Upper
152 100
150 153.4 117.8 176.8
115 56.7 50.2 75.2



#5
2-Fluorophenol
Concen: 67.947 ng
RT: 5.751 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

Tgt Ion:112 Resp: 120155
Ion Ratio Lower Upper
112 100
64 65.4 60.4 90.6
63 35.1 33.3 49.9

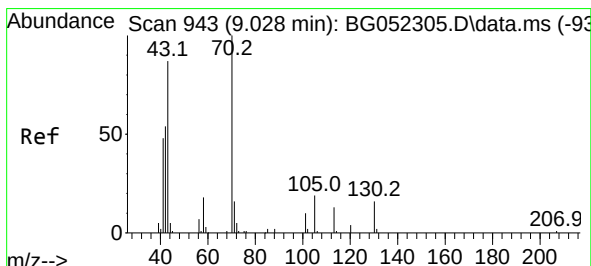
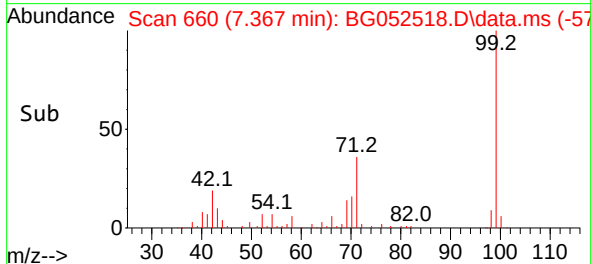
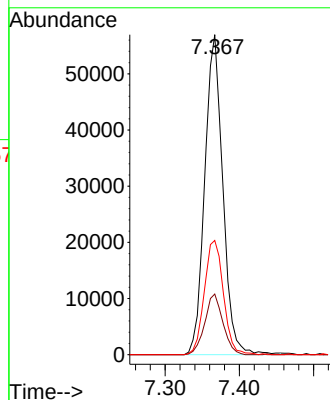
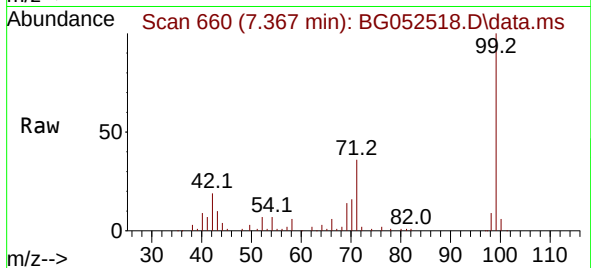




#7
Phenol-d6
Concen: 35.336 ng
RT: 7.367 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

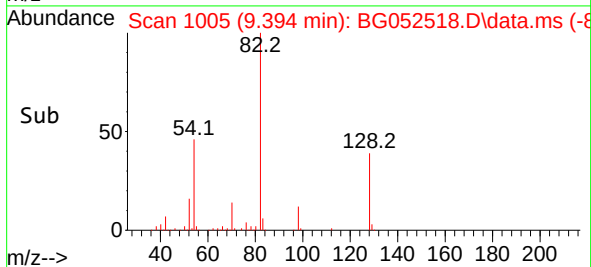
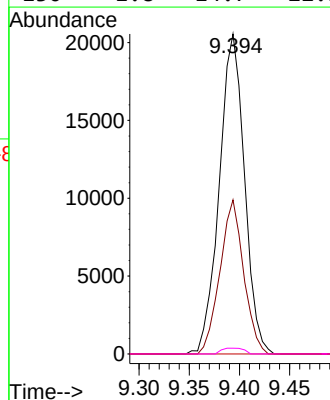
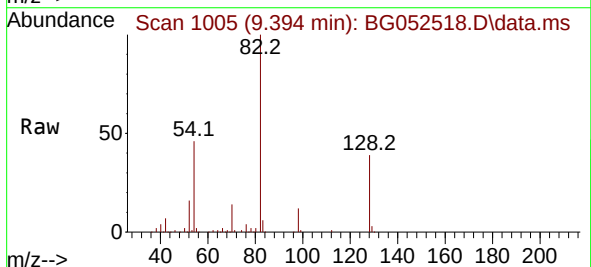
Instrument :
BNA_G
ClientSampleId :
SP-303-20220223F

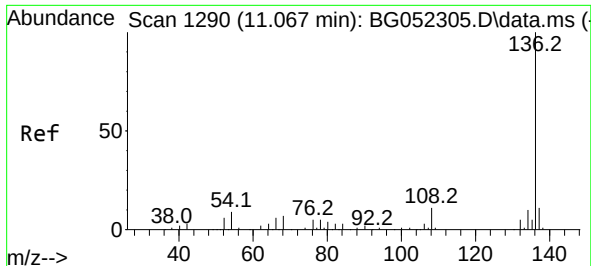
Tgt Ion: 99 Resp: 96413
Ion Ratio Lower Upper
99 100
42 19.0 19.1 28.7#
71 35.7 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.409 ng
RT: 9.394 min Scan# 1005
Delta R.T. 0.365 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

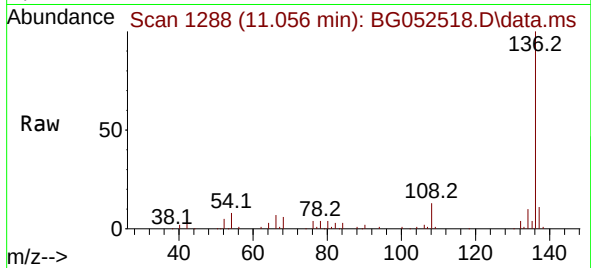
Tgt Ion: 70 Resp: 35810
Ion Ratio Lower Upper
70 100
42 48.2 51.8 77.6#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#



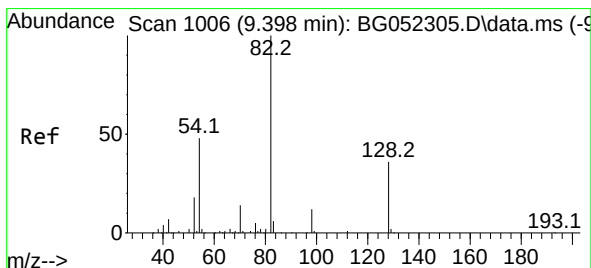
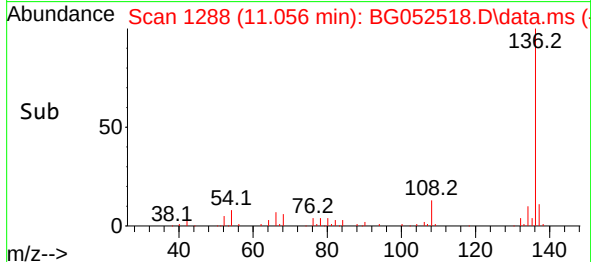
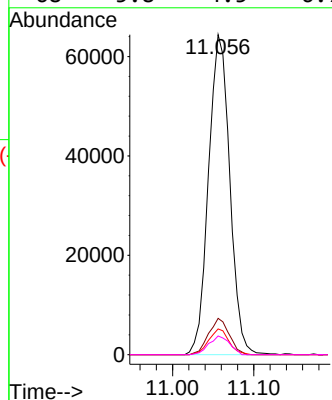


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

Instrument :
BNA_G
ClientSampleId :
SP-303-20220223F

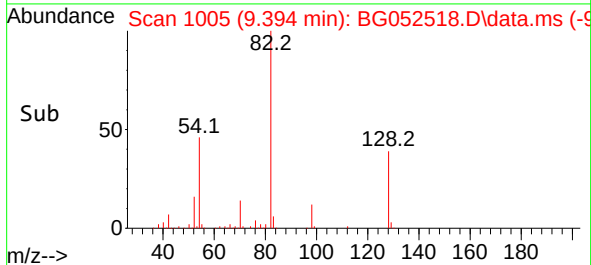
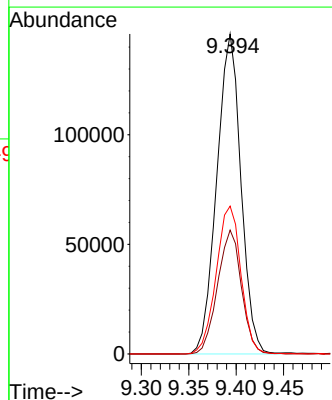
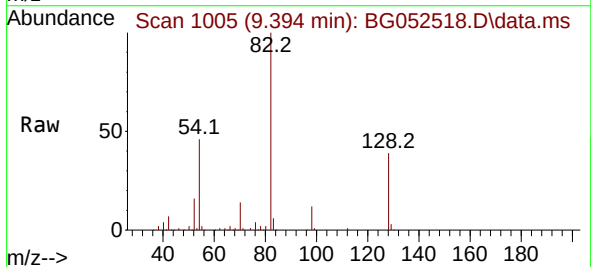


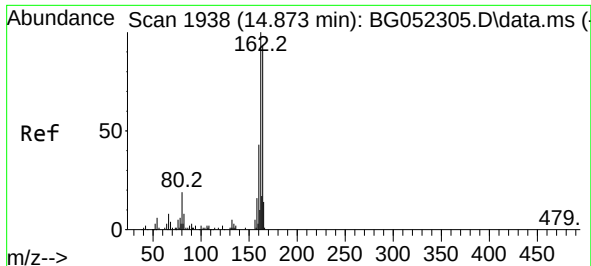
Tgt Ion:136 Resp: 117027
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.0 8.3 12.5#
68 5.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 96.119 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

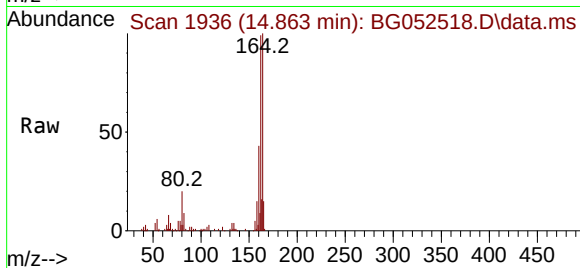
Tgt Ion: 82 Resp: 258817
Ion Ratio Lower Upper
82 100
128 38.7 27.0 40.4
54 46.2 41.0 61.6



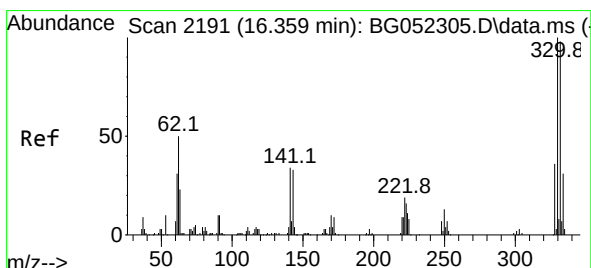
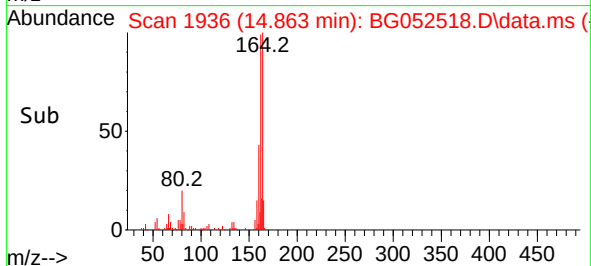
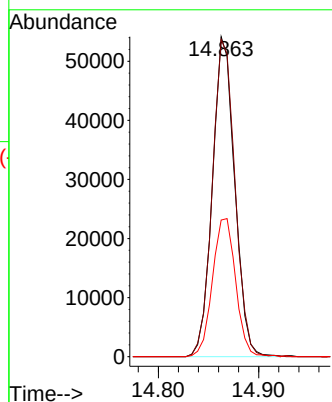


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

Instrument :
BNA_G
ClientSampleId :
SP-303-20220223F

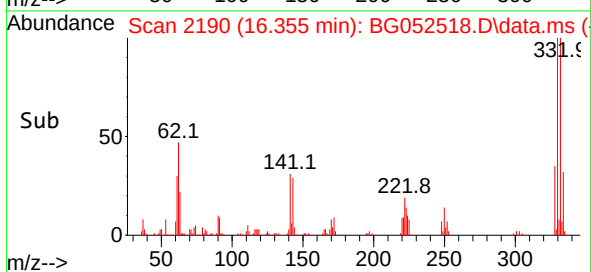
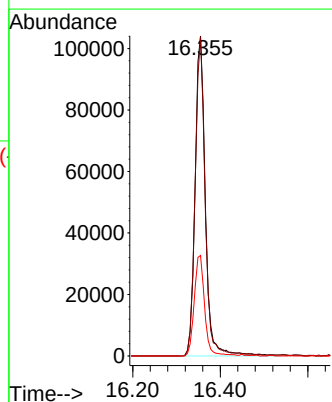
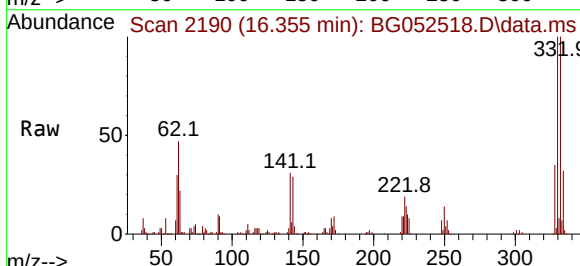


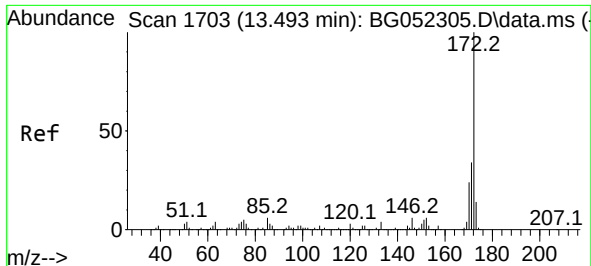
Tgt Ion:164 Resp: 83432
Ion Ratio Lower Upper
164 100
162 99.1 82.2 123.2
160 42.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 141.860 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

Tgt Ion:330 Resp: 170038
Ion Ratio Lower Upper
330 100
332 97.6 78.6 117.8
141 31.8 28.8 43.2

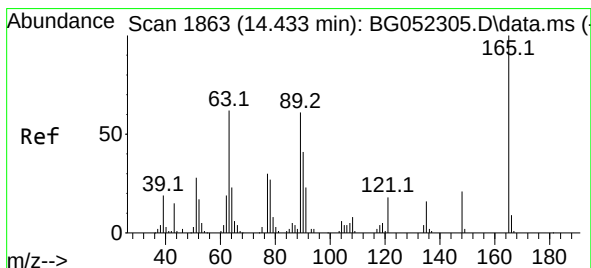
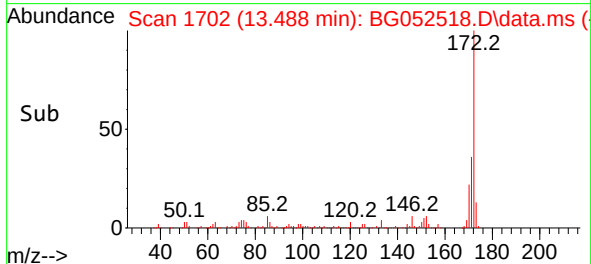
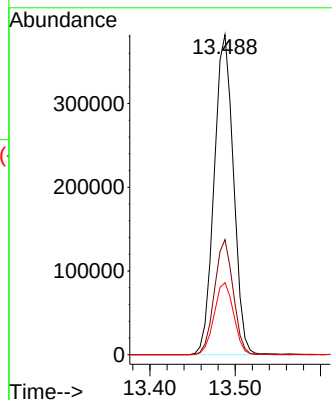
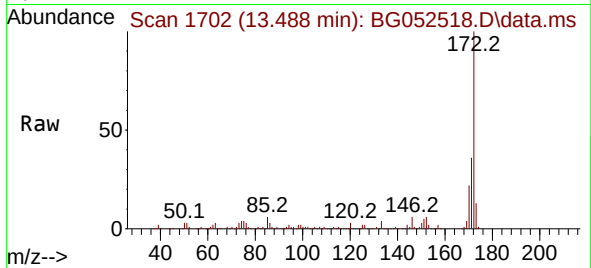




#45
2-Fluorobiphenyl
Concen: 100.171 ng
RT: 13.488 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

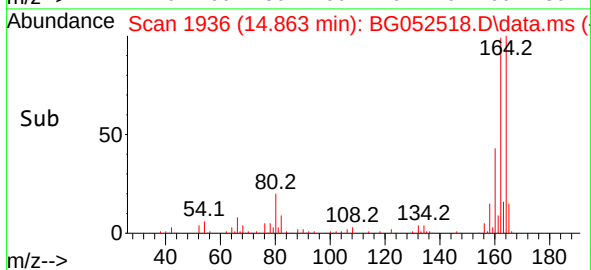
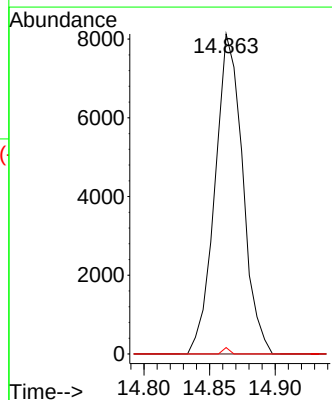
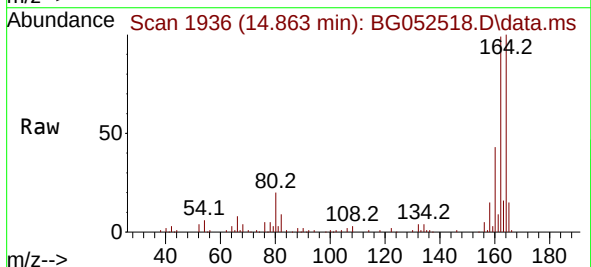
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ClientSampleId :
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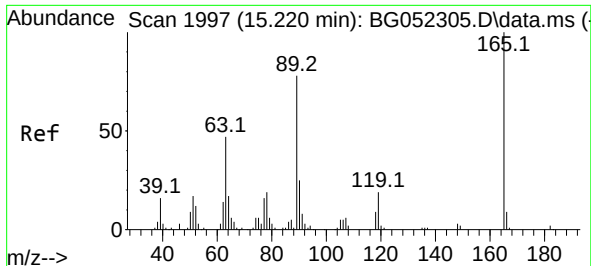
Tgt Ion:172 Resp: 601456
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.5 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.640 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.430 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

Tgt Ion:165 Resp: 11917
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 6.071 ng

RT: 14.863 min Scan# 19

Delta R.T. -0.357 min

Lab File: BG052518.D

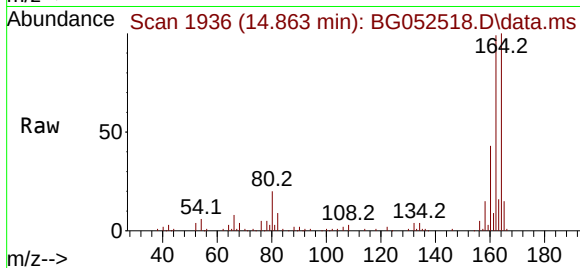
Acq: 1 Mar 2022 14:26

Instrument :

BNA_G

ClientSampleId :

SP-303-20220223F



Tgt Ion:165 Resp: 11917

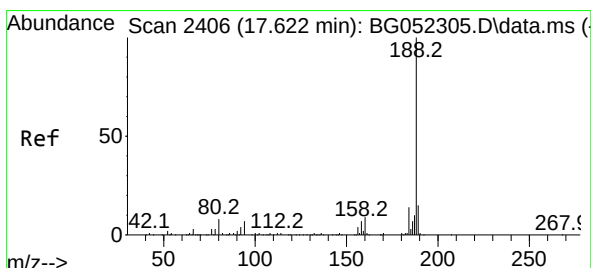
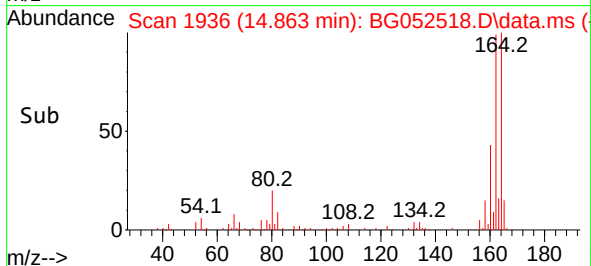
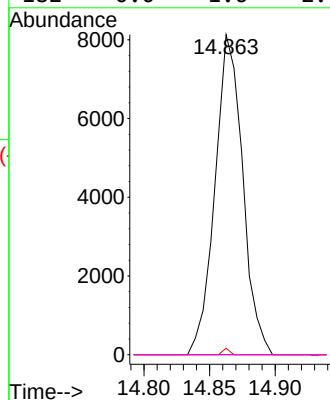
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.0 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2404

Delta R.T. -0.011 min

Lab File: BG052518.D

Acq: 1 Mar 2022 14:26

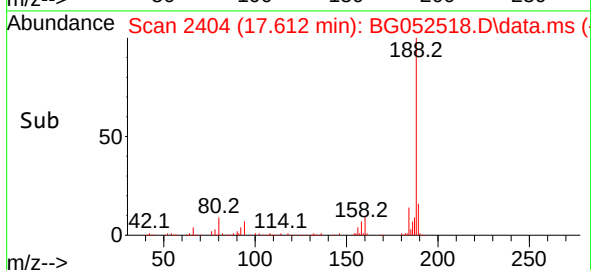
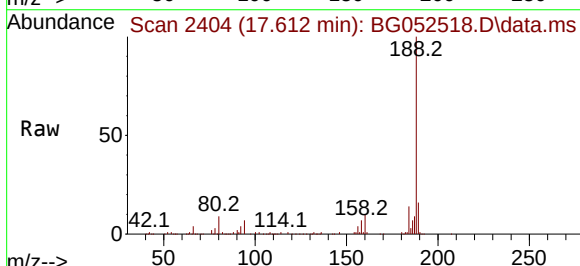
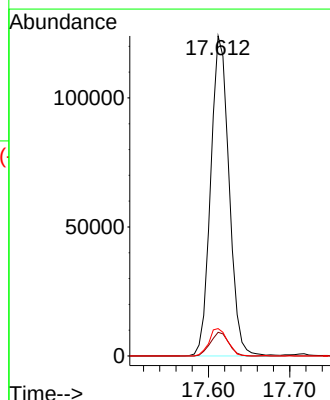
Tgt Ion:188 Resp: 194635

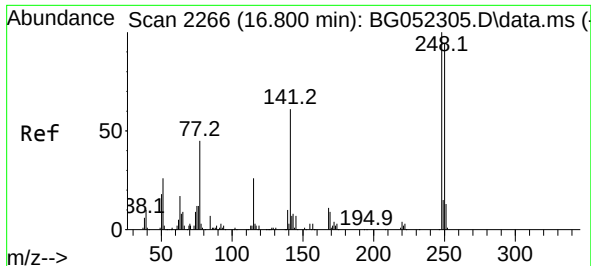
Ion Ratio Lower Upper

188 100

94 7.4 5.9 8.9

80 8.5 6.6 10.0

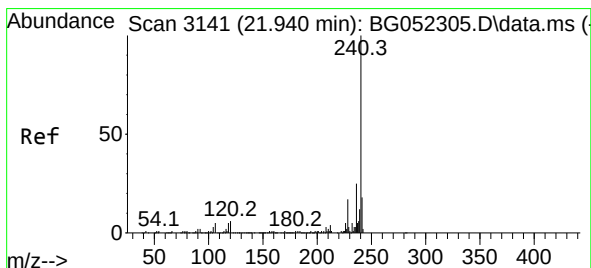
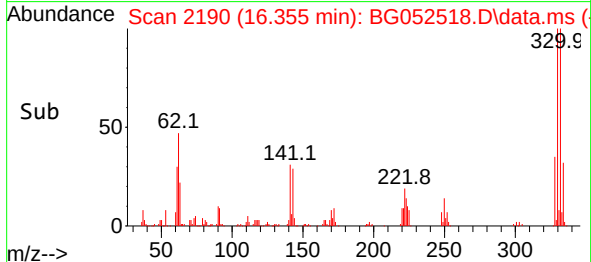
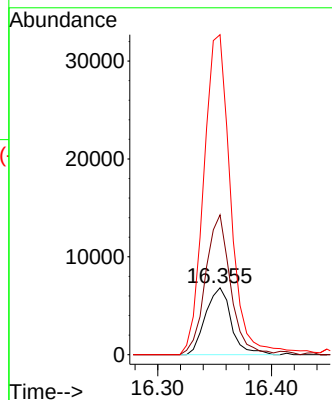
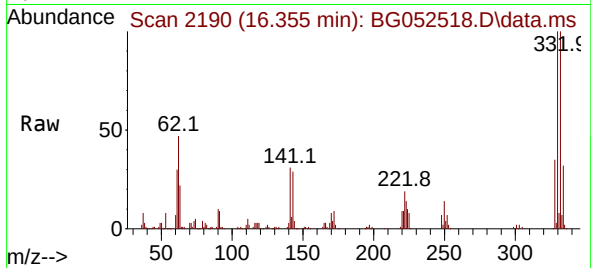




#67
4-Bromophenyl-phenylether
Concen: 4.536 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

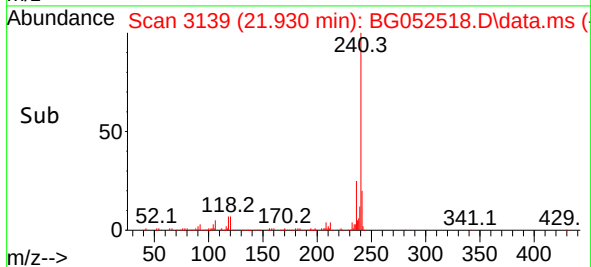
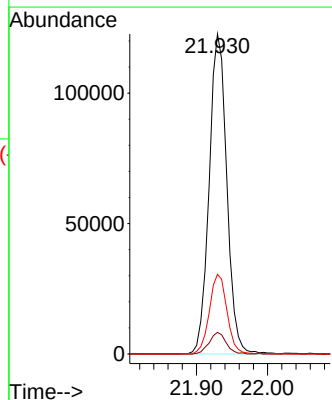
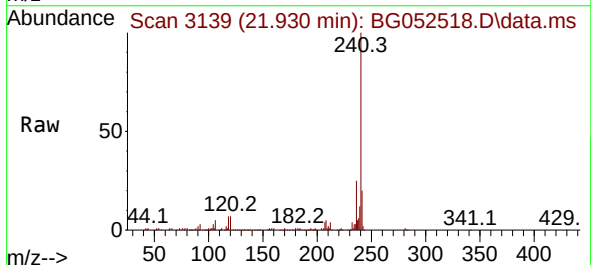
Instrument :
BNA_G
ClientSampleId :
SP-303-20220223F

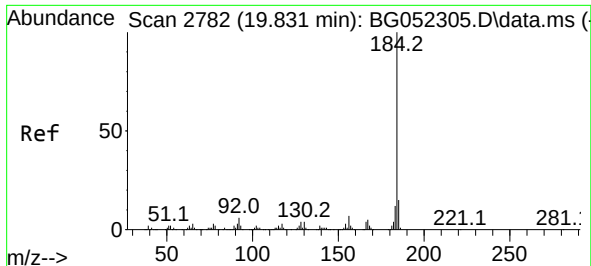
Tgt Ion:248 Resp: 10737
Ion Ratio Lower Upper
248 100
250 209.1 79.6 119.4#
141 478.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

Tgt Ion:240 Resp: 212190
Ion Ratio Lower Upper
240 100
120 6.8 4.4 6.6#
236 24.9 20.8 31.2

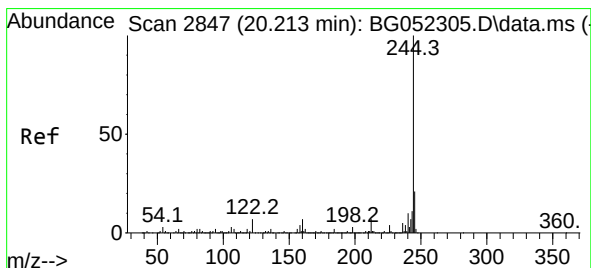
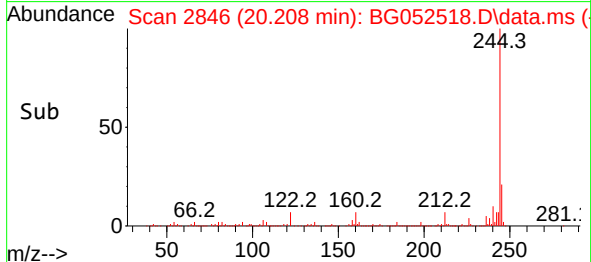
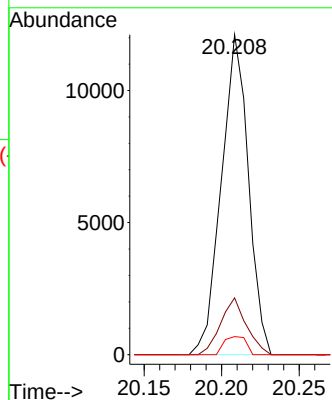
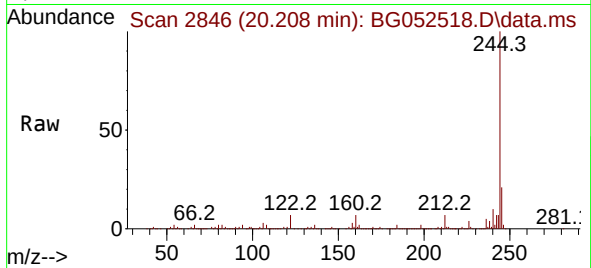




#77
Benzidine
Concen: 3.234 ng
RT: 20.208 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

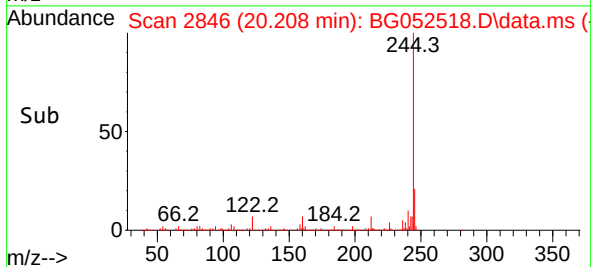
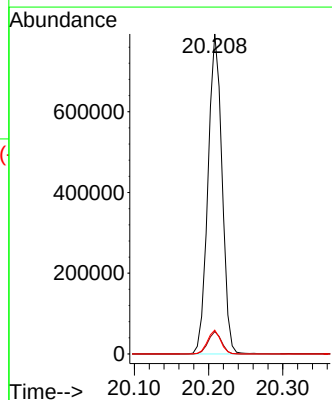
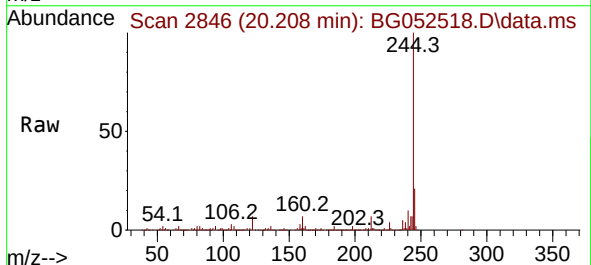
Instrument :
BNA_G
ClientSampleId :
SP-303-20220223F

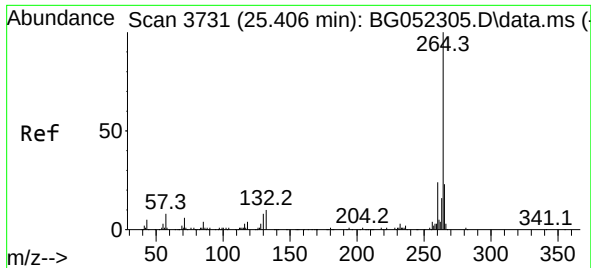
Tgt Ion:184 Resp: 14662
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.8
183 5.7 9.8 14.6#



#79
Terphenyl-d14
Concen: 86.600 ng
RT: 20.208 min Scan# 2846
Delta R.T. -0.005 min
Lab File: BG052518.D
Acq: 1 Mar 2022 14:26

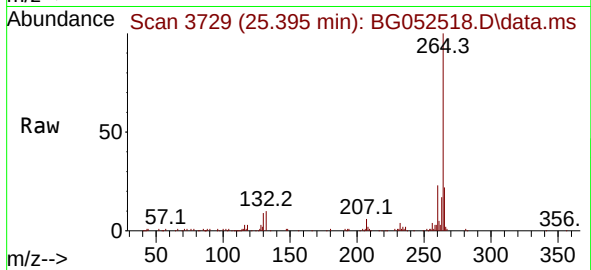
Tgt Ion:244 Resp: 1040601
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.4 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.395 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG052518.D
 Acq: 1 Mar 2022 14:26

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20220223F



Tgt Ion:264 Resp: 211711
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.8 17.8 26.6

