

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054982.D
 Acq On : 20 Sep 2022 11:53
 Operator : CG/JU
 Sample : N4697-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 14:28:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

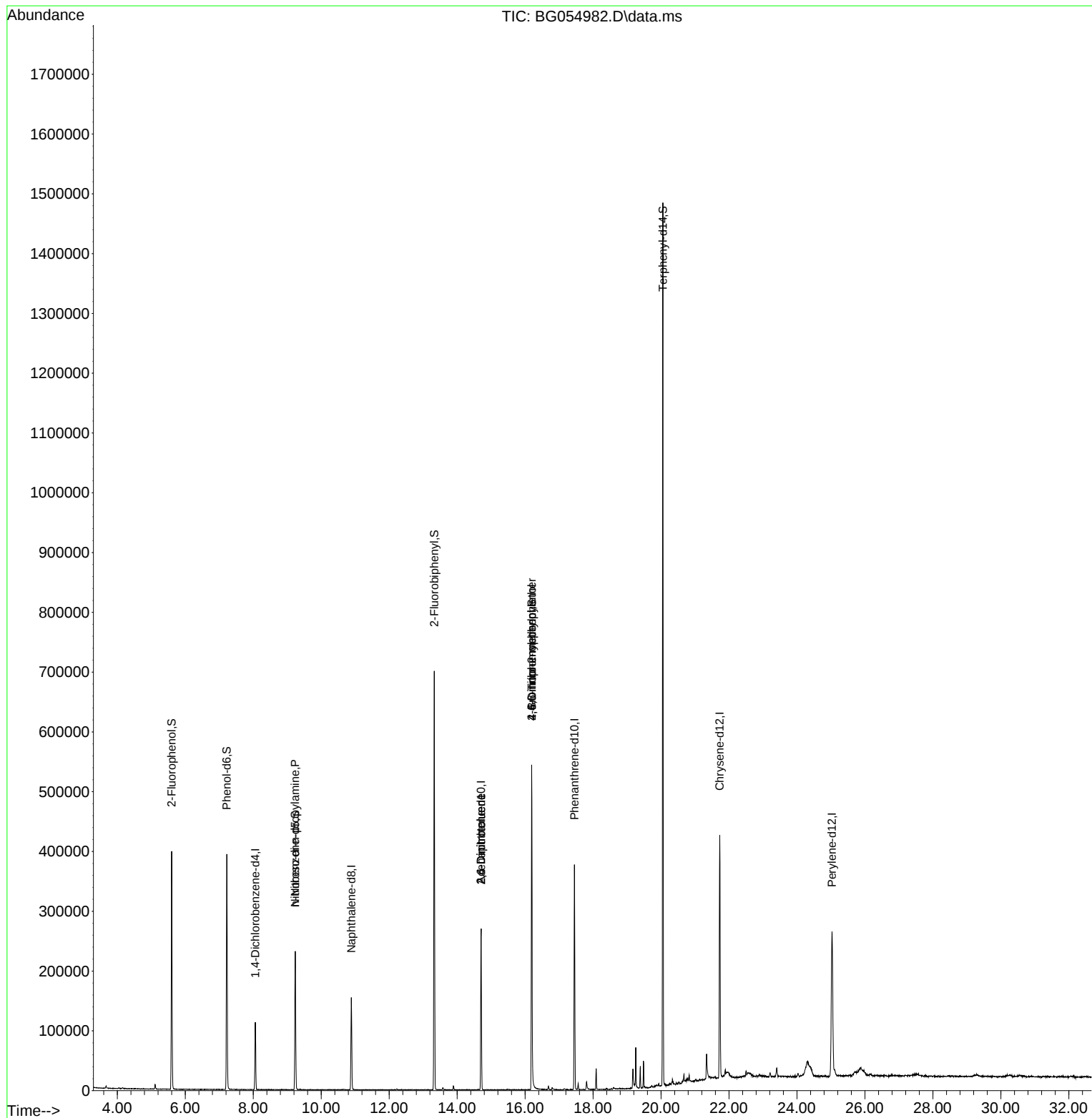
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	35697	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	142512	20.000	ng	# 0.00
39) Acenaphthene-d10	14.706	164	99912	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	248944	20.000	ng	0.00
76) Chrysene-d12	21.728	240	262709	20.000	ng	0.00
86) Perylene-d12	25.030	264	275052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	195702	107.271	ng	0.00
7) Phenol-d6	7.221	99	259574	106.151	ng	0.00
23) Nitrobenzene-d5	9.236	82	146612	59.629	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	132078	112.842	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	380608	60.036	ng	0.00
79) Terphenyl-d14	20.053	244	735847	58.592	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.236	70	17830	10.594	ng	# 81
51) 2,6-Dinitrotoluene	14.706	165	13377	8.316	ng	# 20
57) 2,4-Dinitrotoluene	14.706	165	13377	5.847	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.193	198	145	5.092	ng	# 1
67) 4-Bromophenyl-phenylether	16.193	248	8003	2.915	ng	# 1

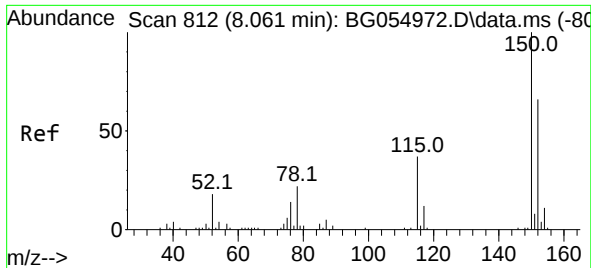
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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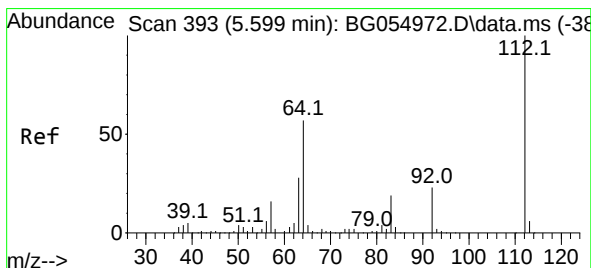
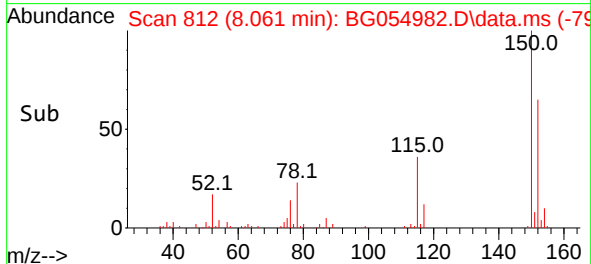
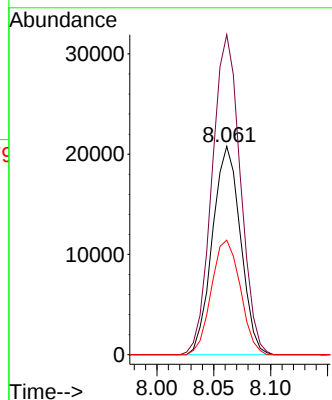
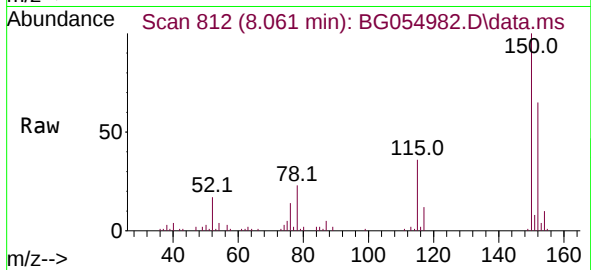




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

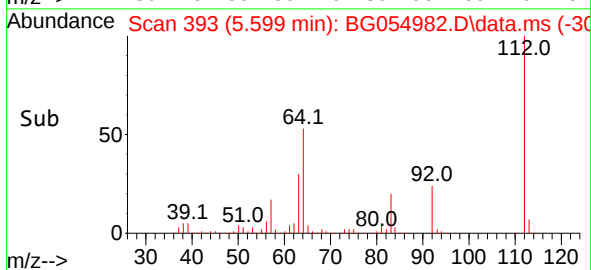
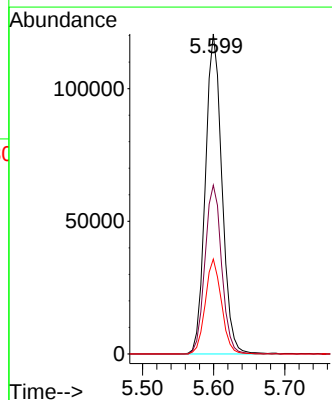
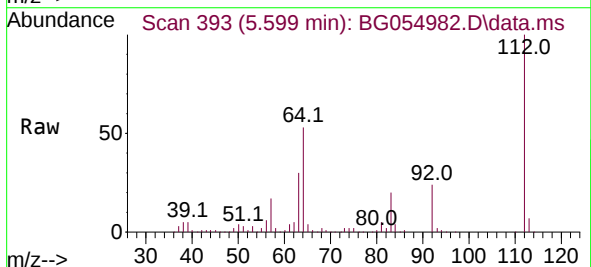
Instrument :
BNA_G
ClientSampleId :

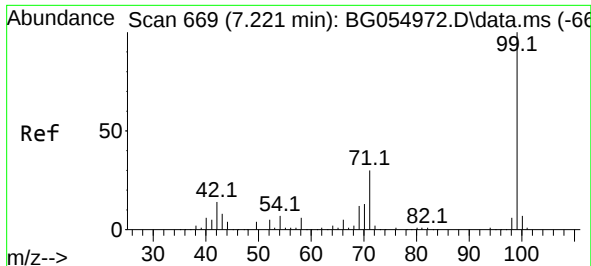
Tgt Ion:152 Resp: 35697
Ion Ratio Lower Upper
152 100
150 153.6 125.2 187.8
115 55.0 47.9 71.9



#5
2-Fluorophenol
Concen: 107.271 ng
RT: 5.599 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

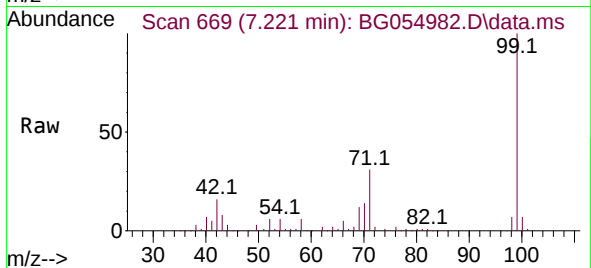
Tgt Ion:112 Resp: 195702
Ion Ratio Lower Upper
112 100
64 52.8 49.3 73.9
63 29.7 26.3 39.5



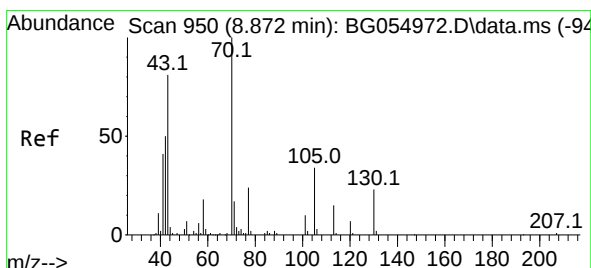
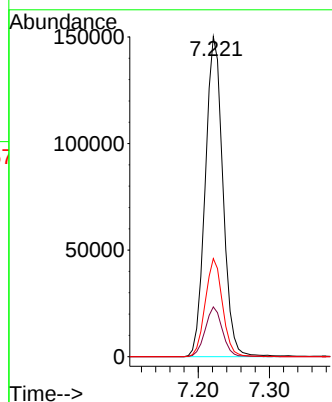
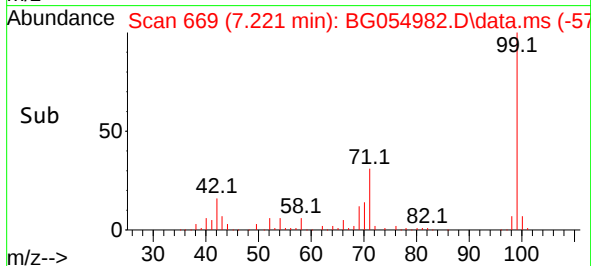


#7
Phenol-d6
Concen: 106.151 ng
RT: 7.221 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

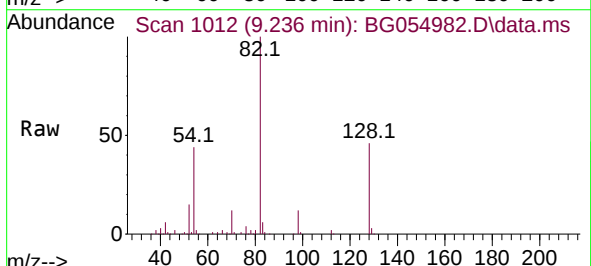
Instrument :
BNA_G
ClientSampleId :



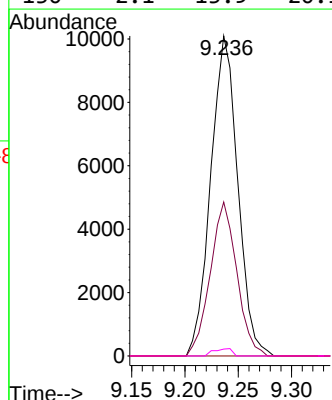
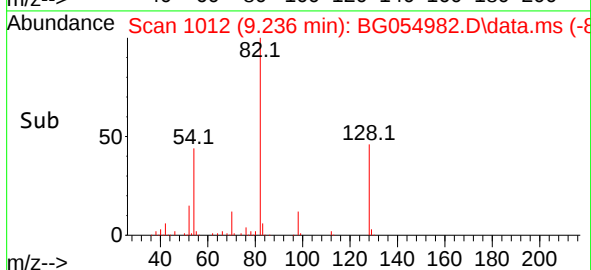
Tgt Ion:	99	Resp:	259574
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.6	22.0
71	30.6	24.6	37.0

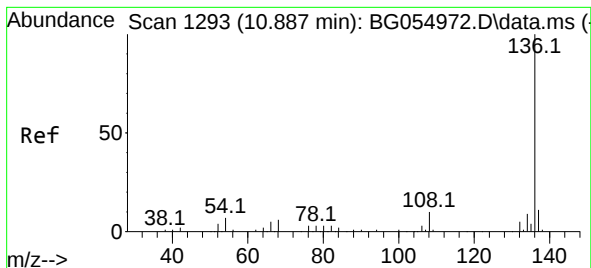


#19
n-Nitroso-di-n-propylamine
Concen: 10.594 ng
RT: 9.236 min Scan# 1012
Delta R.T. 0.365 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53



Tgt Ion:	70	Resp:	17830
Ion	Ratio	Lower	Upper
70	100		
42	48.1	46.6	69.8
101	0.0	7.7	11.5#
130	2.1	13.9	20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.887 min Scan# 1012

Delta R.T. 0.001 min

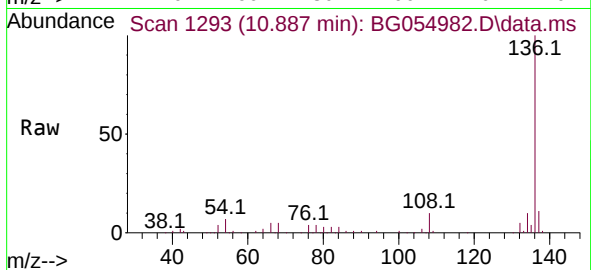
Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 142512

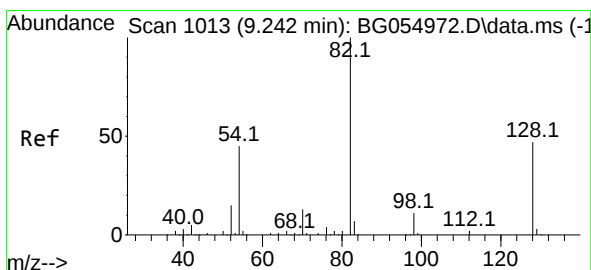
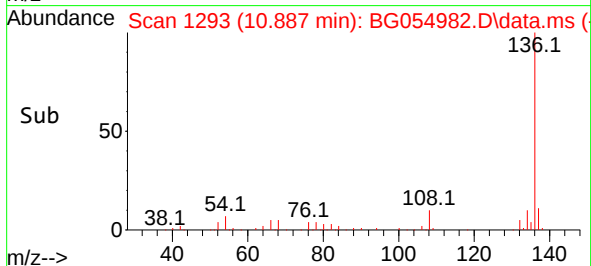
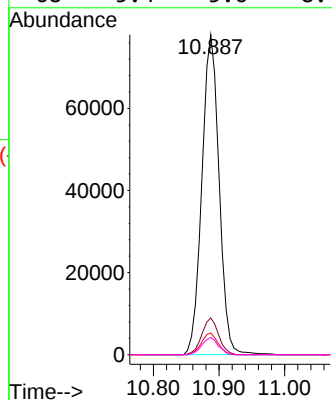
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.8 7.7 11.5#

68 5.4 5.6 8.4#



#23

Nitrobenzene-d5

Concen: 59.629 ng

RT: 9.236 min Scan# 1012

Delta R.T. -0.005 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

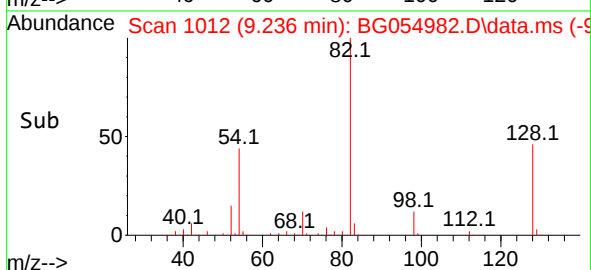
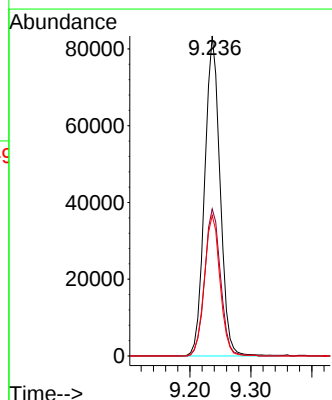
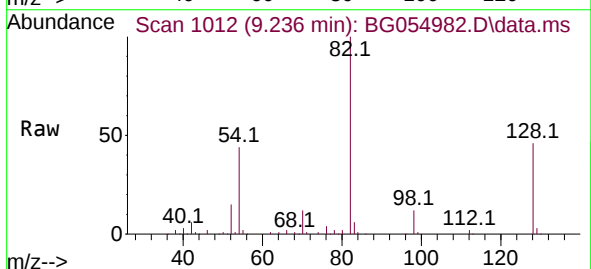
Tgt Ion: 82 Resp: 146612

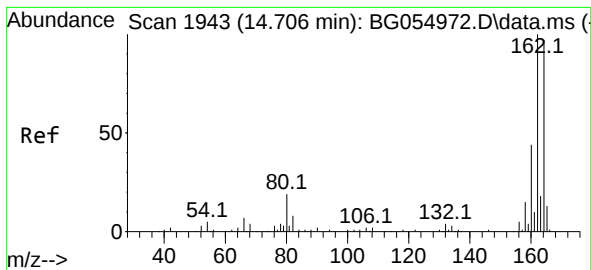
Ion Ratio Lower Upper

82 100

128 46.0 32.2 48.2

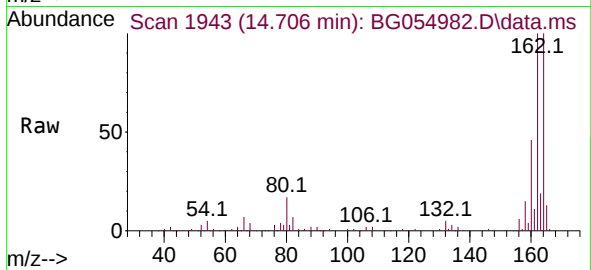
54 43.9 41.4 62.0



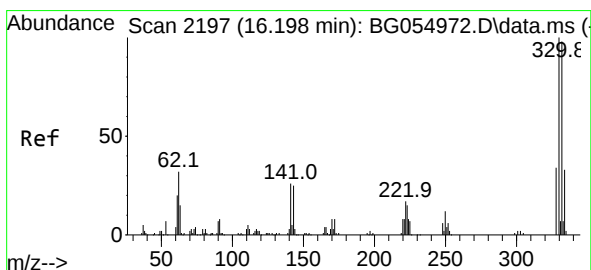
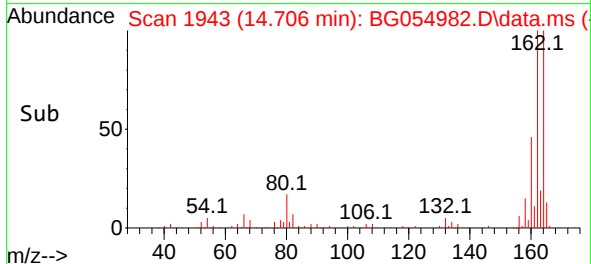
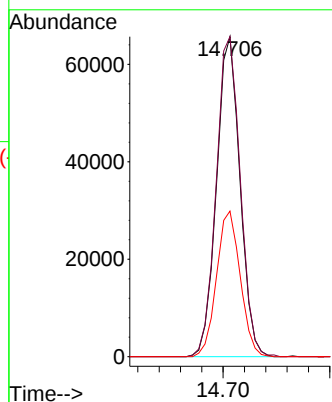


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.706 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: BG054982.D
 Acq: 20 Sep 2022 11:53

Instrument :
 BNA_G
 ClientSampleId :

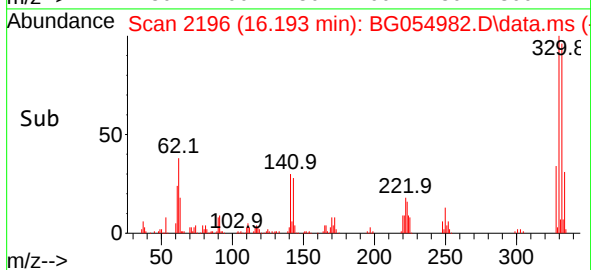
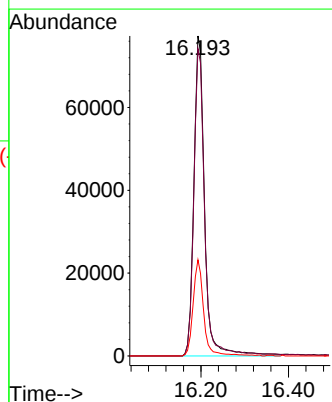
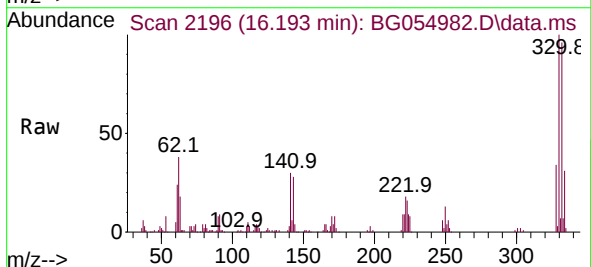


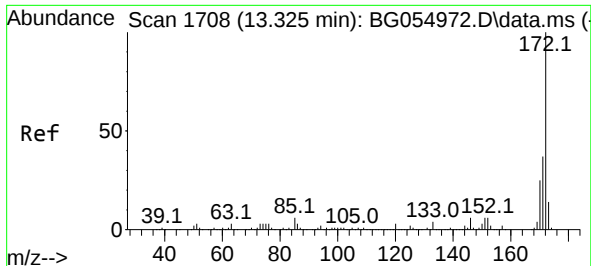
Tgt Ion:	164	Resp:	99912
Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.0	124.4
160	45.5	38.0	57.0



#42
 2,4,6-Tribromophenol
 Concen: 112.842 ng
 RT: 16.193 min Scan# 2196
 Delta R.T. -0.005 min
 Lab File: BG054982.D
 Acq: 20 Sep 2022 11:53

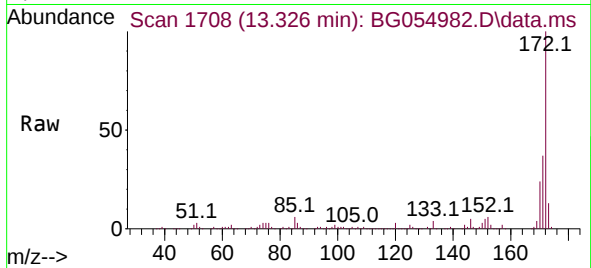
Tgt Ion:	330	Resp:	132078
Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.8	119.6
141	29.6	26.8	40.2



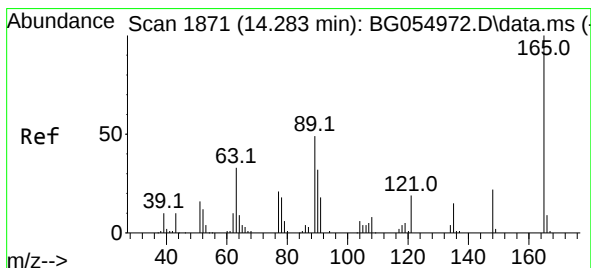
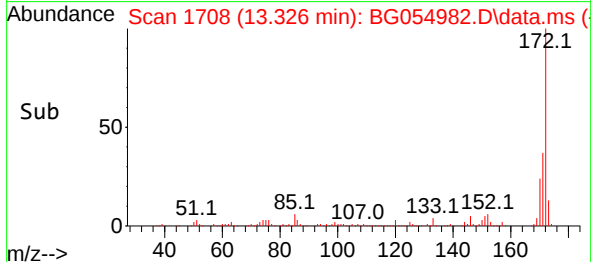
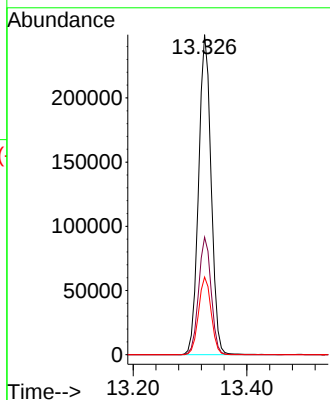


#45
 2-Fluorobiphenyl
 Concen: 60.036 ng
 RT: 13.326 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG054982.D
 Acq: 20 Sep 2022 11:53

Instrument :
 BNA_G
 ClientSampleId :

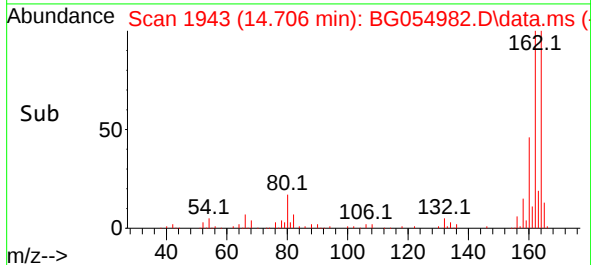
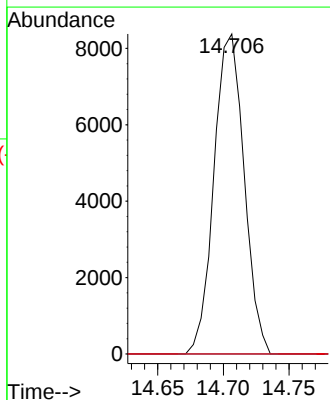
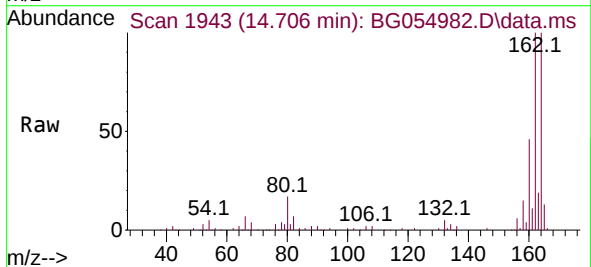


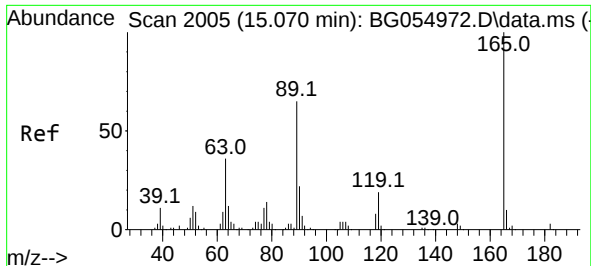
Tgt Ion:172 Resp: 380608
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.2 46.8
 170 24.2 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 8.316 ng
 RT: 14.706 min Scan# 1943
 Delta R.T. 0.424 min
 Lab File: BG054982.D
 Acq: 20 Sep 2022 11:53

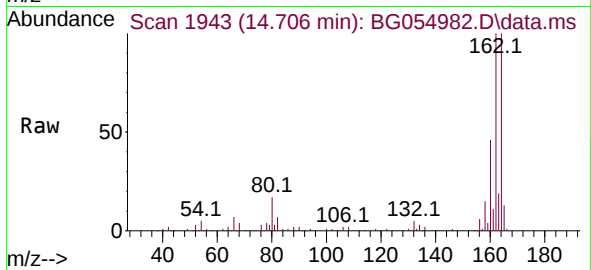
Tgt Ion:165 Resp: 13377
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.0 69.0#
 89 0.0 50.3 75.5#



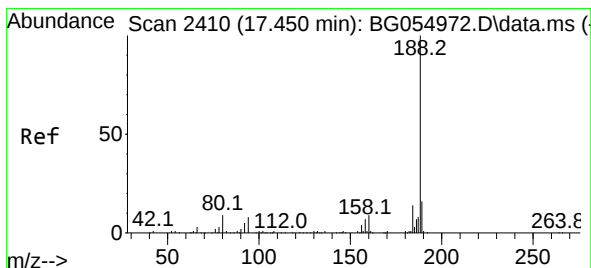
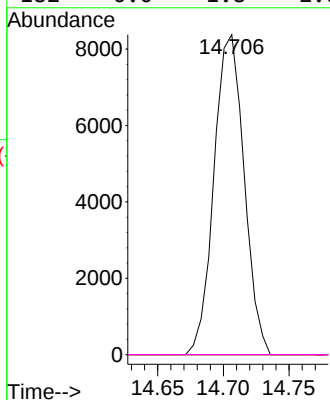
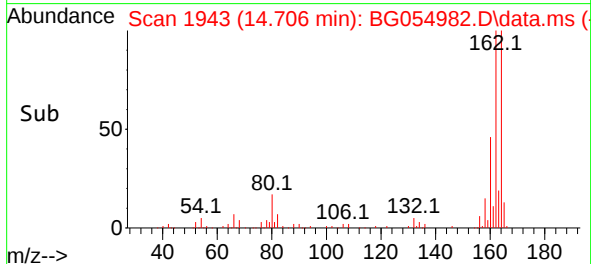


#57
2,4-Dinitrotoluene
Concen: 5.847 ng
RT: 14.706 min Scan# 1943
Delta R.T. -0.364 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

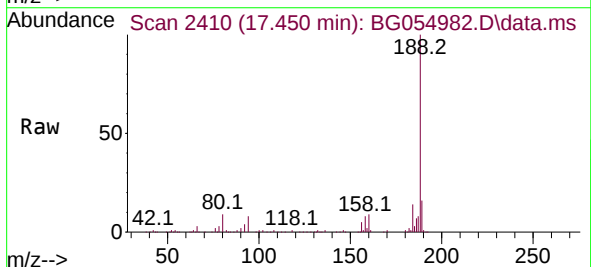
Instrument :
BNA_G
ClientSampleId :



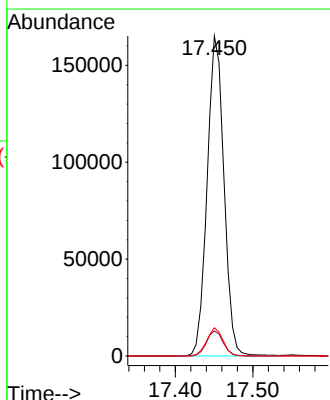
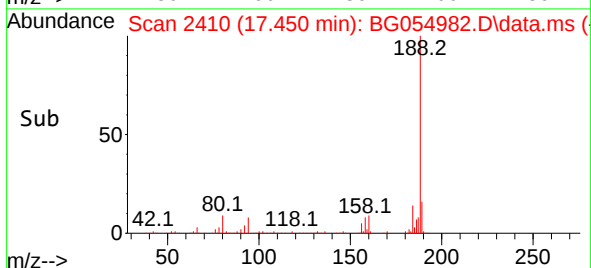
Tgt Ion:165 Resp: 13377
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

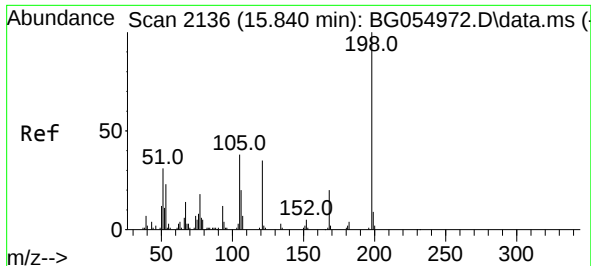


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53



Tgt Ion:188 Resp: 248944
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.8 7.9 11.9

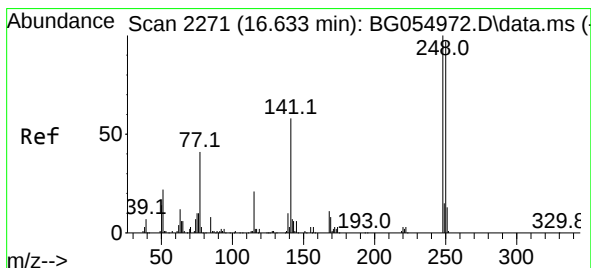
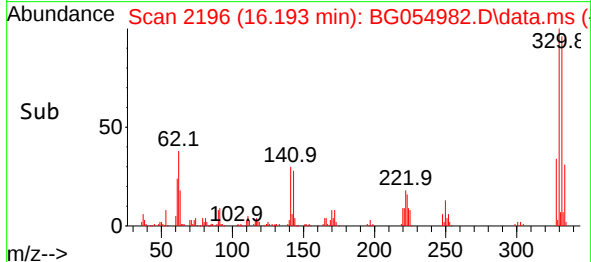
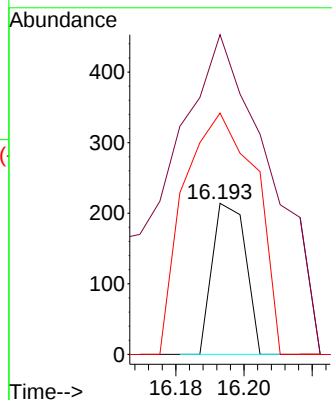
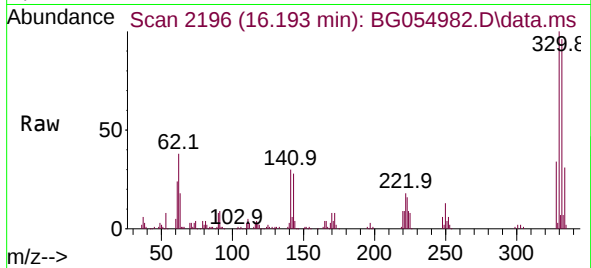




#65
4,6-Dinitro-2-methylphenol
Concen: 5.092 ng
RT: 16.193 min Scan# 2196
Delta R.T. 0.353 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

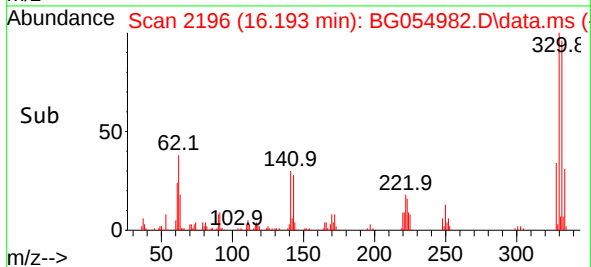
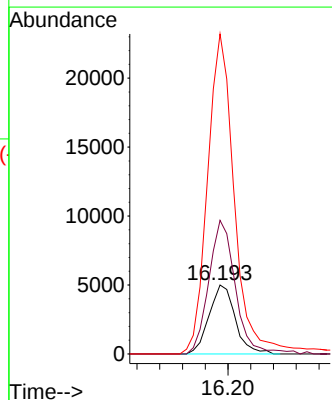
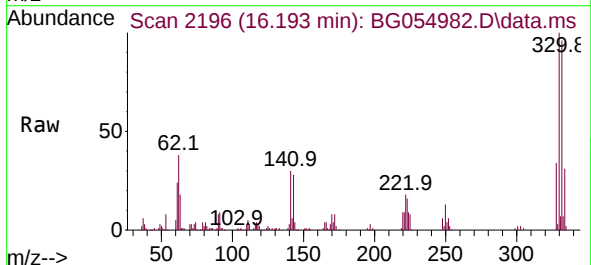
Instrument :
BNA_G
ClientSampleId :

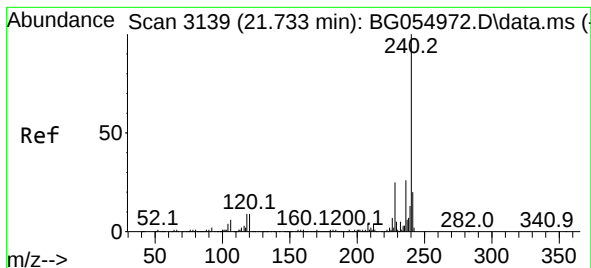
Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 211.7 19.9 59.9#
105 159.8 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 2.915 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.440 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

Tgt Ion:248 Resp: 8003
Ion Ratio Lower Upper
248 100
250 193.6 78.8 118.2#
141 463.9 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.728 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

Instrument :

BNA_G

ClientSampleId :

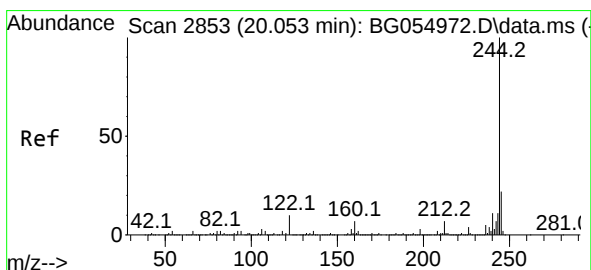
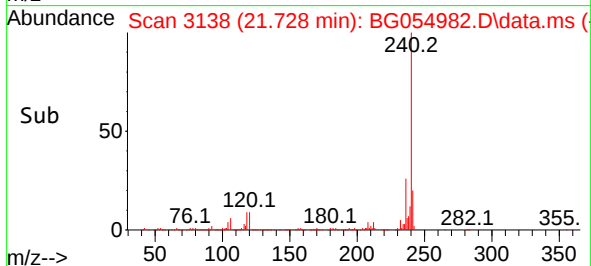
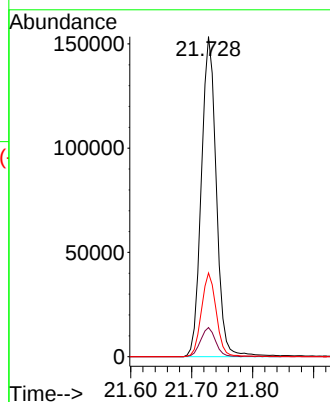
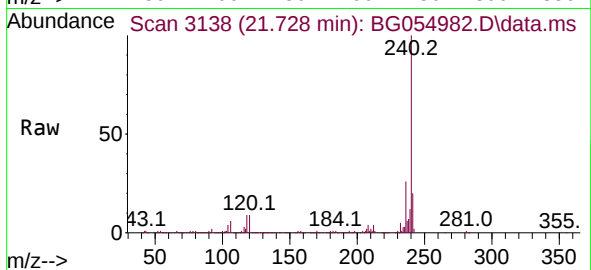
Tgt Ion:240 Resp: 262709

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.4

236 26.2 21.2 31.8



#79

Terphenyl-d14

Concen: 58.592 ng

RT: 20.053 min Scan# 2853

Delta R.T. 0.001 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

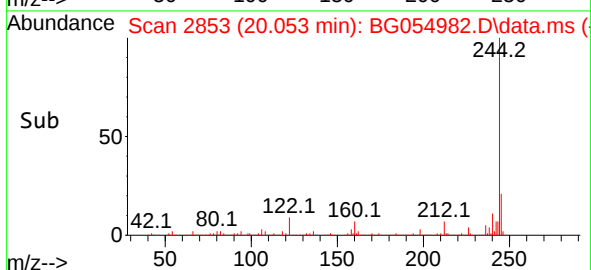
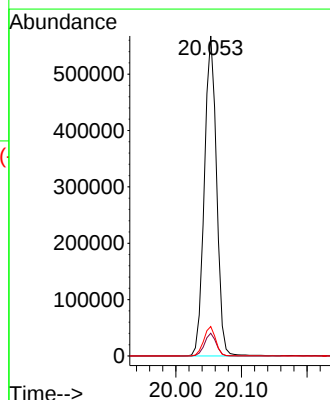
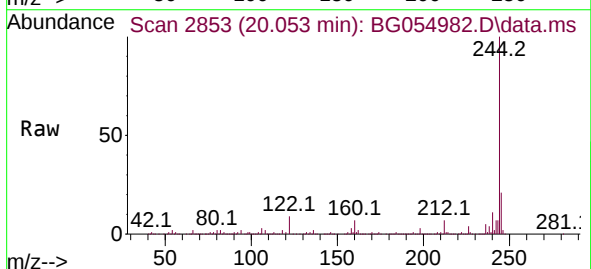
Tgt Ion:244 Resp: 735847

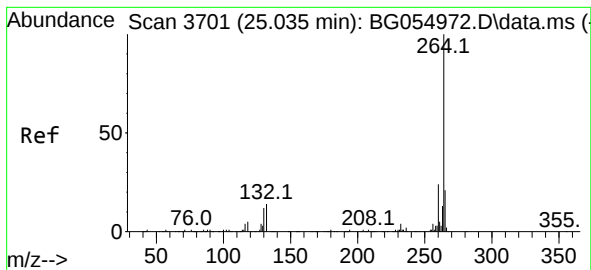
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

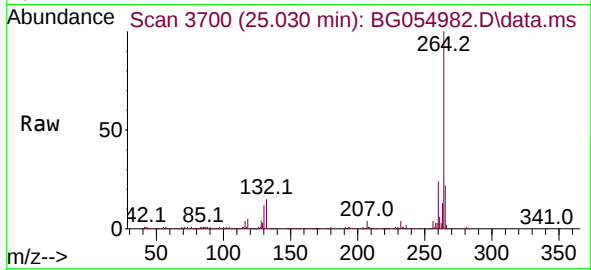
122 9.2 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 275052
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.8 16.9 25.3

