

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056996.D
 Acq On : 5 Apr 2023 18:39
 Operator : CG/JU
 Sample : 02109-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB01

Quant Time: Apr 06 02:02:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

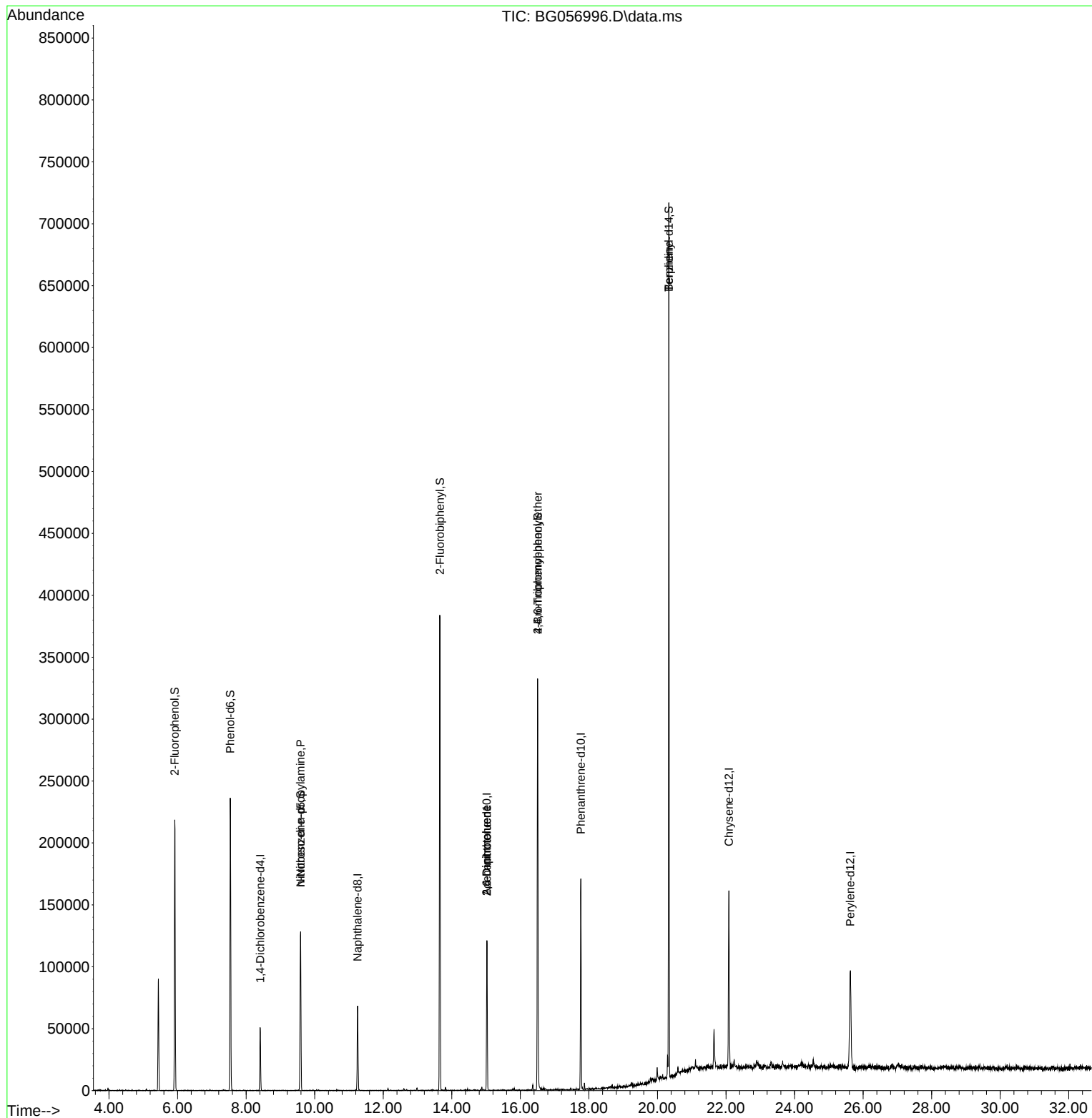
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	13339	20.000	ng	-0.01
21) Naphthalene-d8	11.251	136	55417	20.000	ng	-0.01
39) Acenaphthene-d10	15.022	164	44225	20.000	ng	-0.01
64) Phenanthrene-d10	17.766	188	111290	20.000	ng	0.00
76) Chrysene-d12	22.083	240	91047	20.000	ng	-0.01
86) Perylene-d12	25.626	264	95426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	88715	106.443	ng	0.00
7) Phenol-d6	7.538	99	133000	106.696	ng	0.00
23) Nitrobenzene-d5	9.588	82	83833	61.899	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	68938	97.576	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	201554	61.800	ng	0.00
79) Terphenyl-d14	20.333	244	336655	62.569	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.588	70	12060	13.526	ng	# 75
51) 2,6-Dinitrotoluene	15.022	165	6204	8.240	ng	# 20
57) 2,4-Dinitrotoluene	15.022	165	6204	5.843	ng	# 21
67) 4-Bromophenyl-phenylether	16.503	248	4345	3.155	ng	# 1
77) Benzidine	20.333	184	6230	2.503	ng	# 92

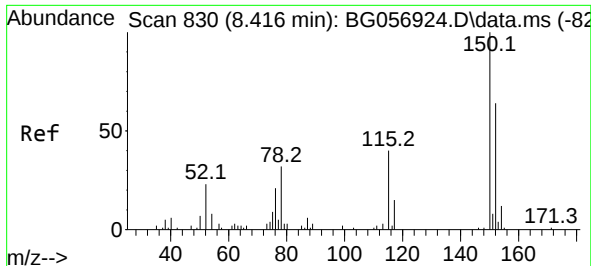
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056996.D
Acq On : 5 Apr 2023 18:39
Operator : CG/JU
Sample : 02109-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-30-SB01

Quant Time: Apr 06 02:02:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

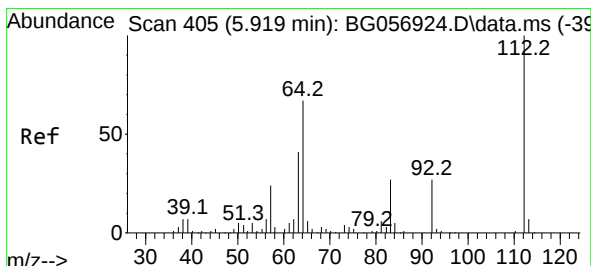
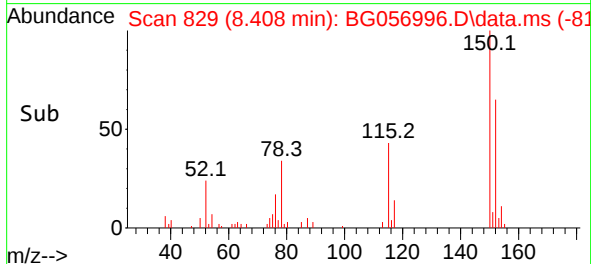
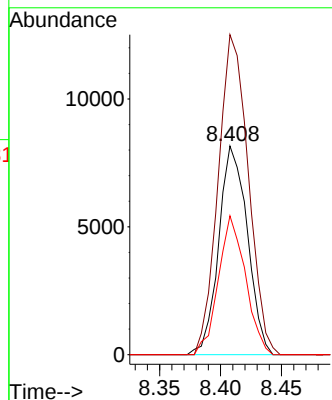
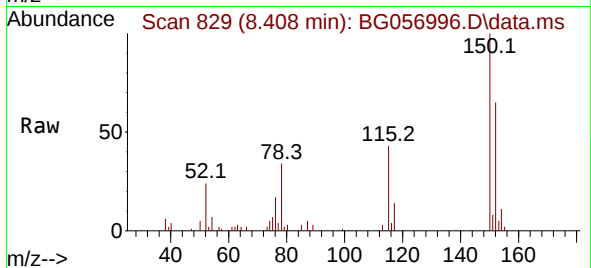




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

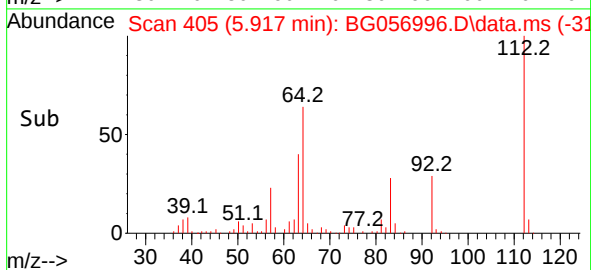
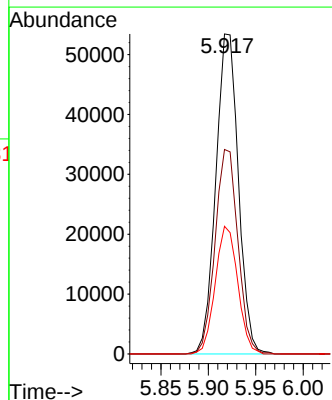
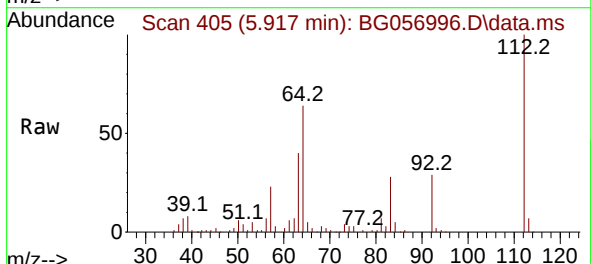
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

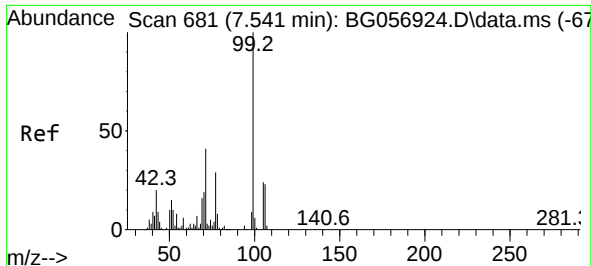
Tgt Ion:152 Resp: 13339
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 66.6 49.1 73.7



#5
2-Fluorophenol
Concen: 106.443 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:112 Resp: 88715
Ion Ratio Lower Upper
112 100
64 63.9 53.2 79.8
63 39.9 32.6 48.8

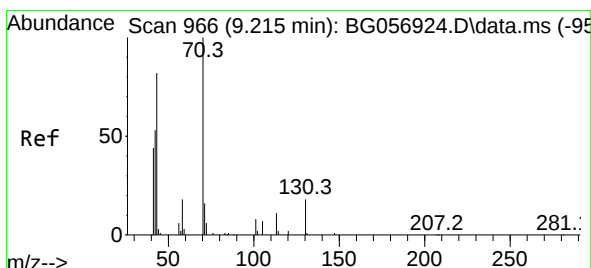
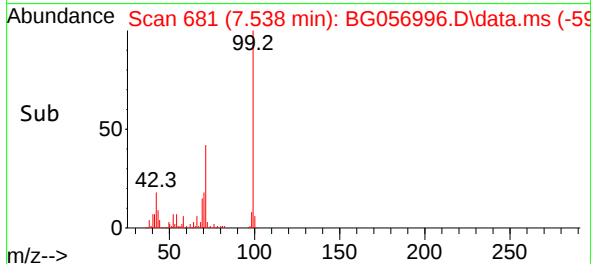
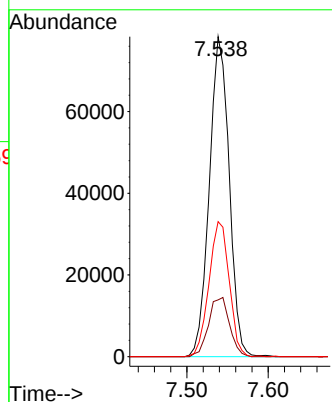
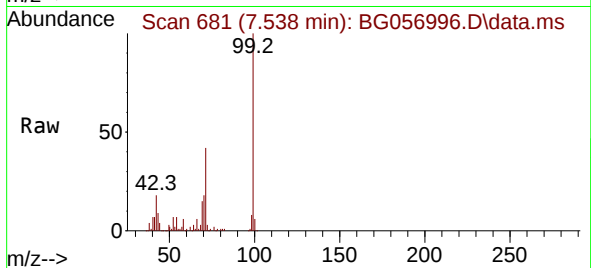




#7
Phenol-d6
Concen: 106.696 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

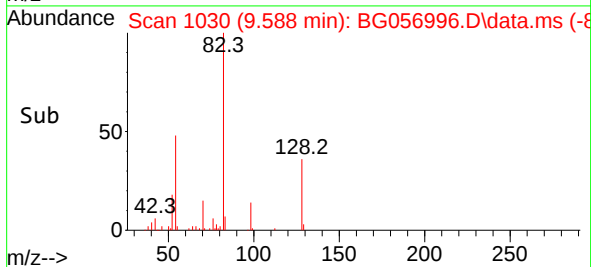
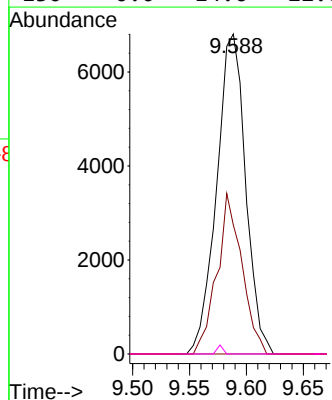
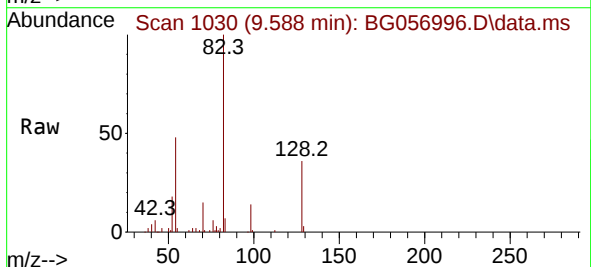
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

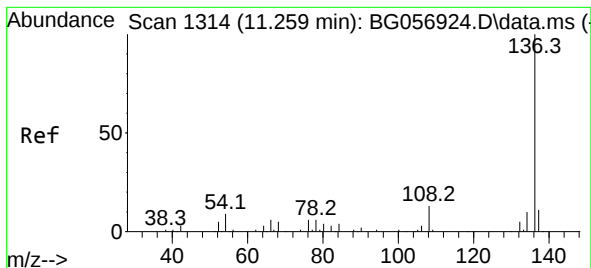
Tgt Ion: 99 Resp: 133000
Ion Ratio Lower Upper
99 100
42 17.7 15.7 23.5
71 42.2 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.526 ng
RT: 9.588 min Scan# 1030
Delta R.T. 0.370 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion: 70 Resp: 12060
Ion Ratio Lower Upper
70 100
42 40.3 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

Instrument :

BNA_G

ClientSampleId :

B-30-SB01

Tgt Ion:136 Resp: 55417

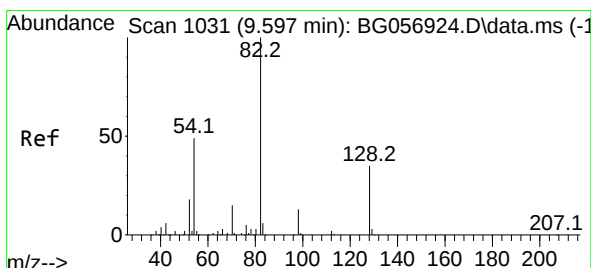
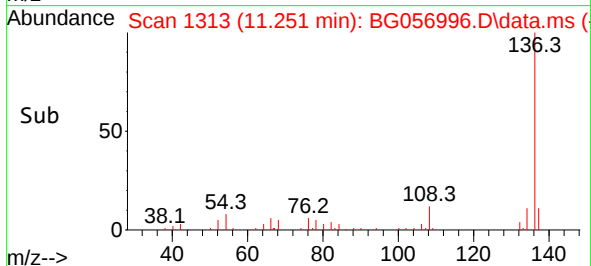
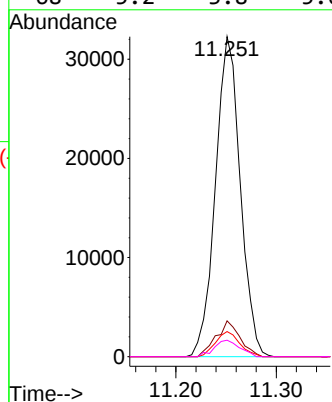
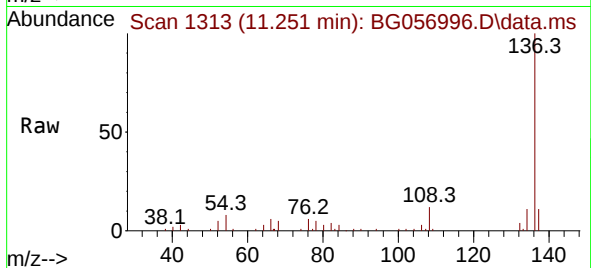
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.8 6.9 10.3

68 5.2 3.8 5.6



#23

Nitrobenzene-d5

Concen: 61.899 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

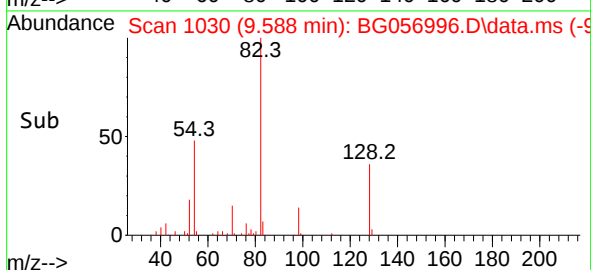
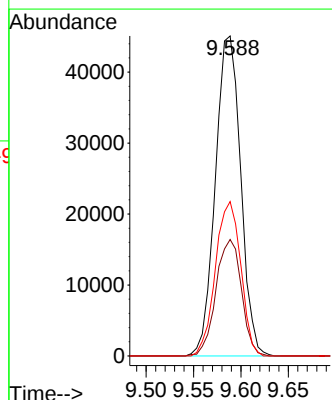
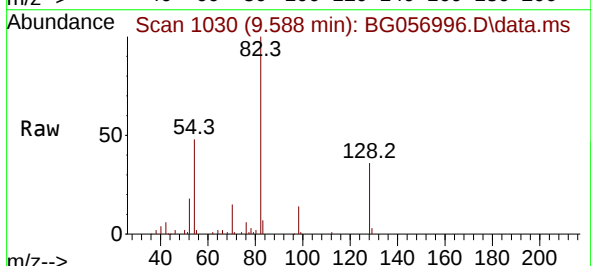
Tgt Ion: 82 Resp: 83833

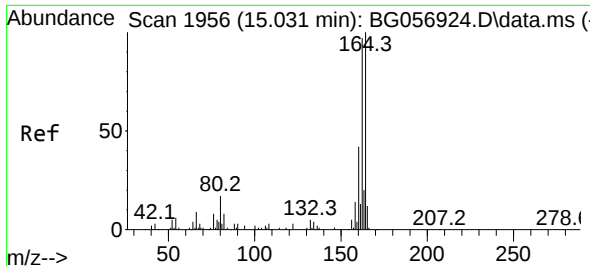
Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

54 48.3 39.4 59.2

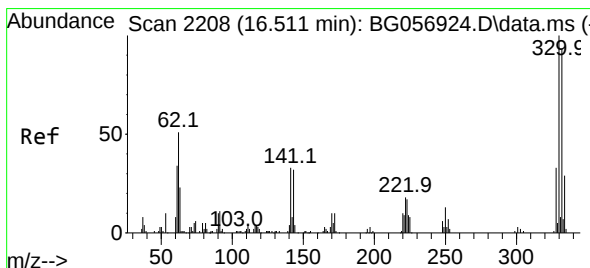
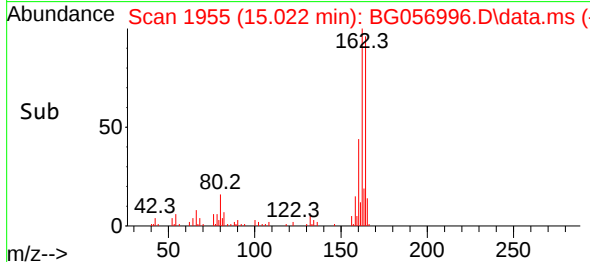
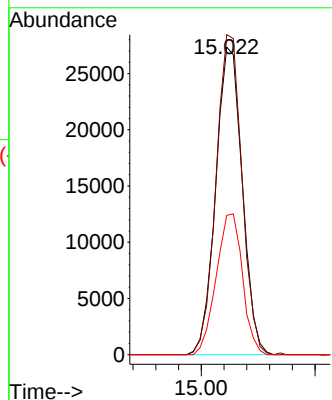
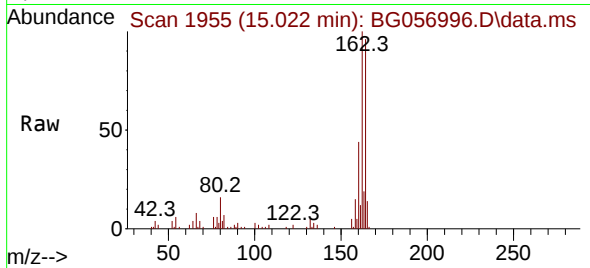




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

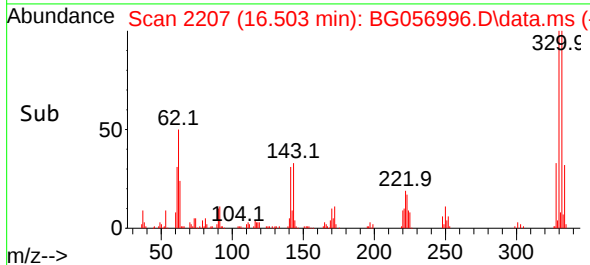
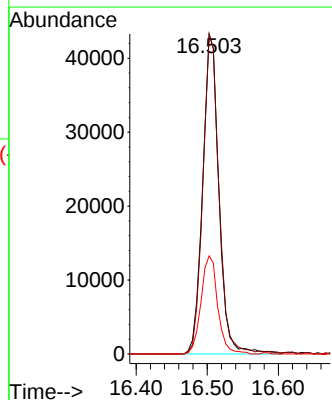
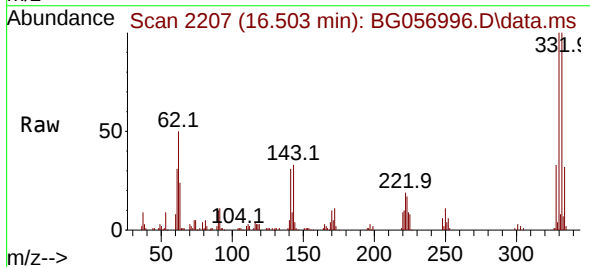
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

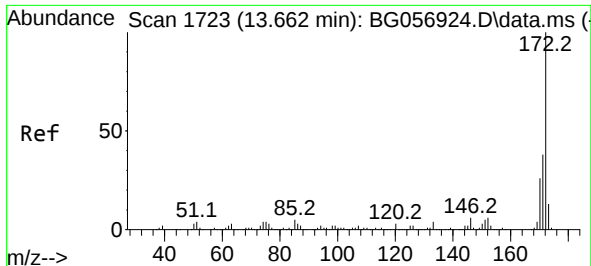
Tgt Ion:164 Resp: 44225
Ion Ratio Lower Upper
164 100
162 104.1 77.8 116.8
160 45.3 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 97.576 ng
RT: 16.503 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:330 Resp: 68938
Ion Ratio Lower Upper
330 100
332 99.0 76.1 114.1
141 31.3 25.8 38.6

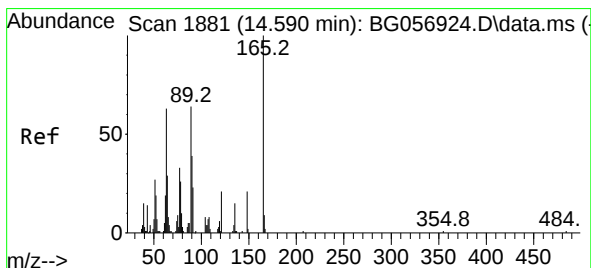
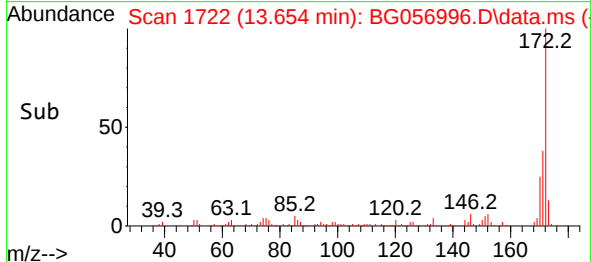
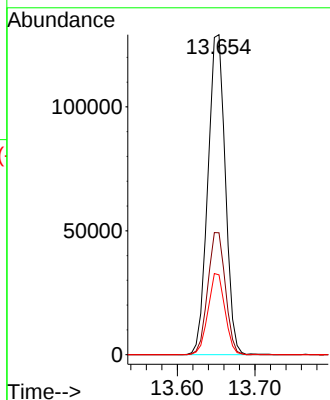
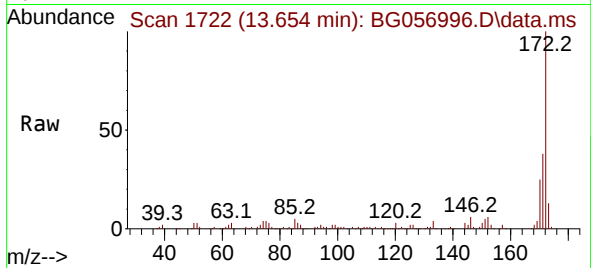




#45
2-Fluorobiphenyl
Concen: 61.800 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

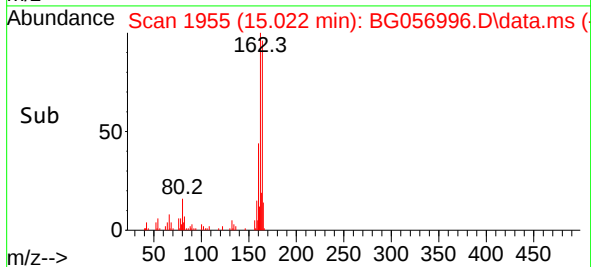
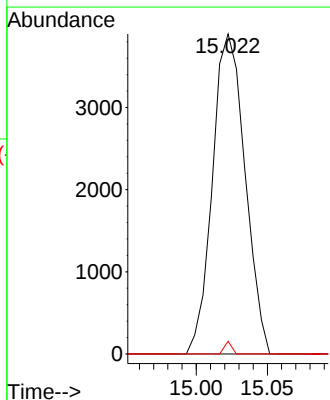
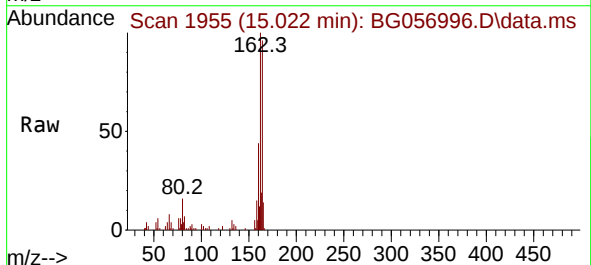
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

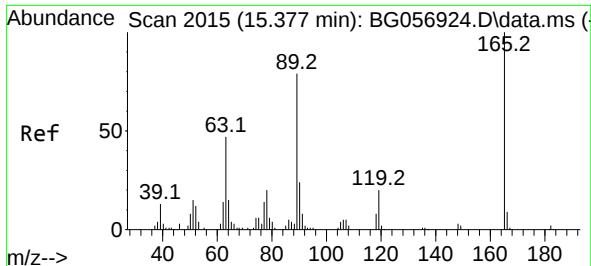
Tgt Ion:172 Resp: 201554
Ion Ratio Lower Upper
172 100
171 38.1 30.6 46.0
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.240 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.429 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:165 Resp: 6204
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 3.9 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.843 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.353 min

Lab File: BG056996.D

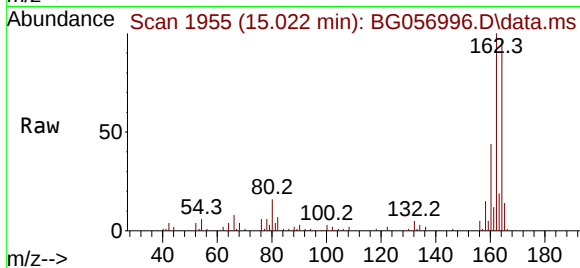
Acq: 5 Apr 2023 18:39

Instrument :

BNA_G

ClientSampleId :

B-30-SB01



Tgt Ion:165 Resp: 6204

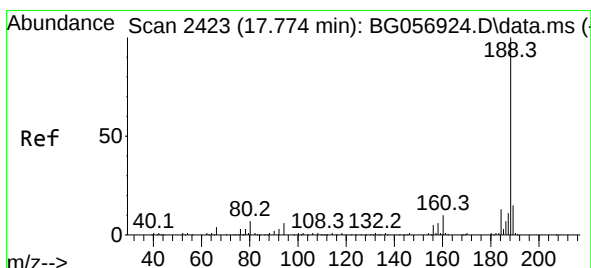
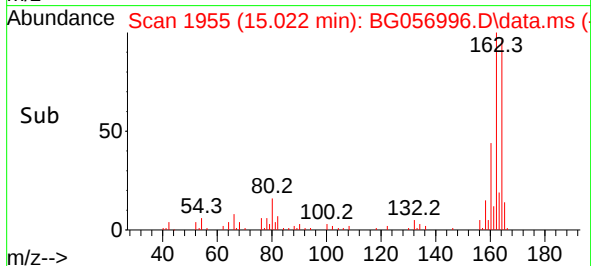
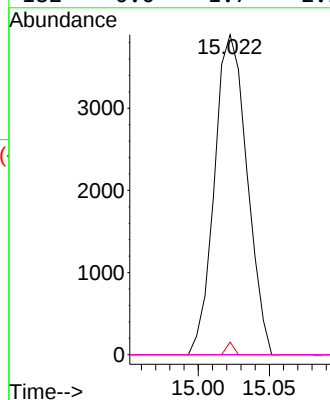
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 3.9 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

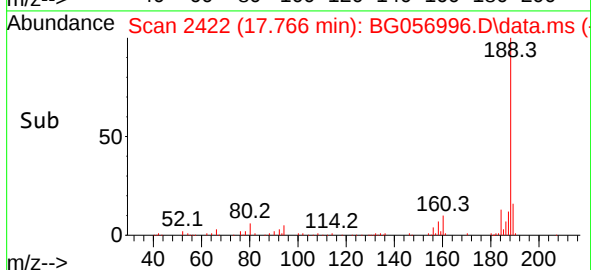
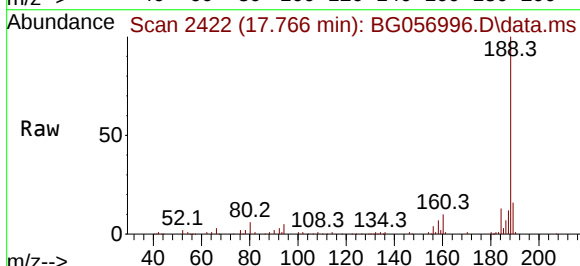
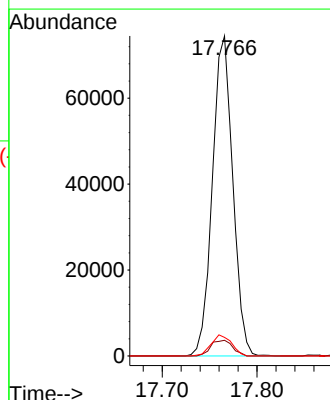
Tgt Ion:188 Resp: 111290

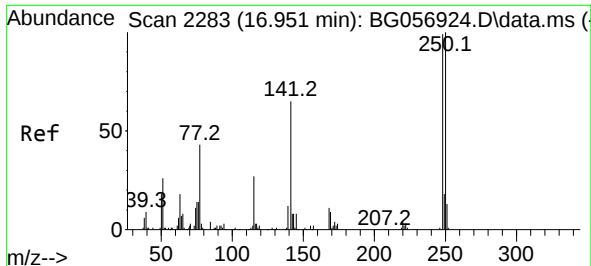
Ion Ratio Lower Upper

188 100

94 4.9 4.6 6.8

80 5.8 5.5 8.3

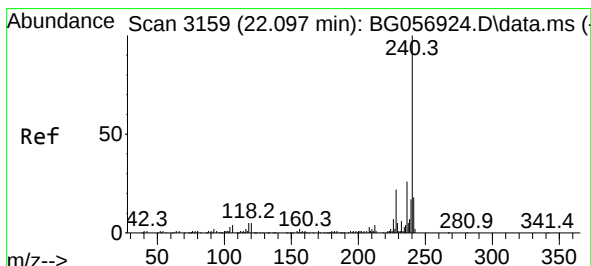
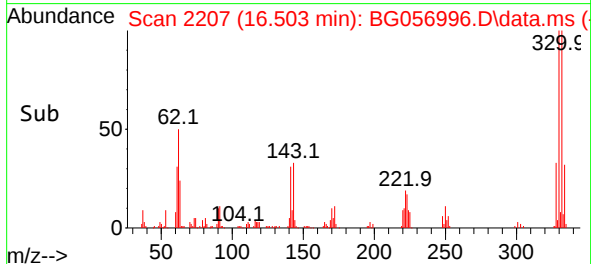
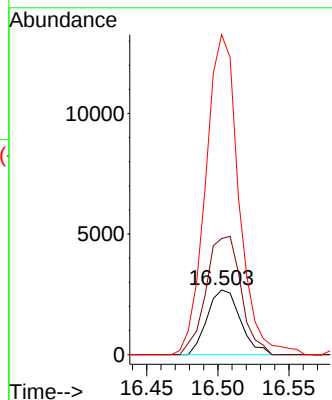
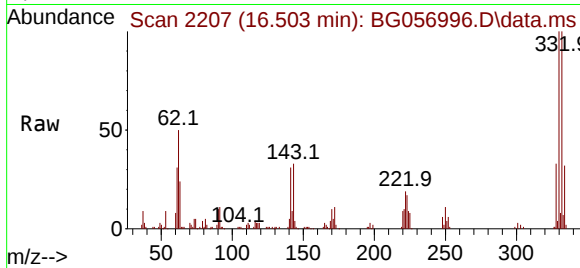




#67
4-Bromophenyl-phenylether
Concen: 3.155 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

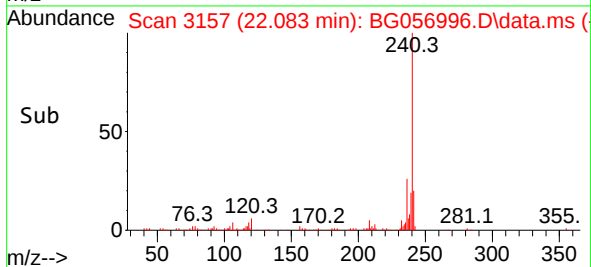
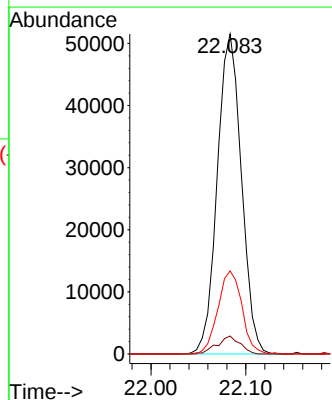
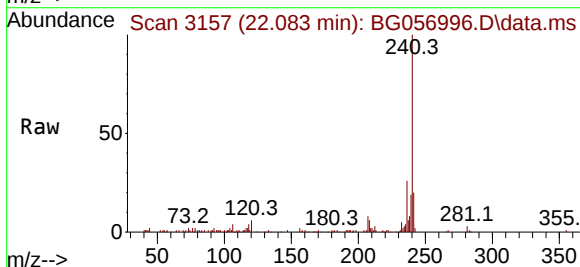
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

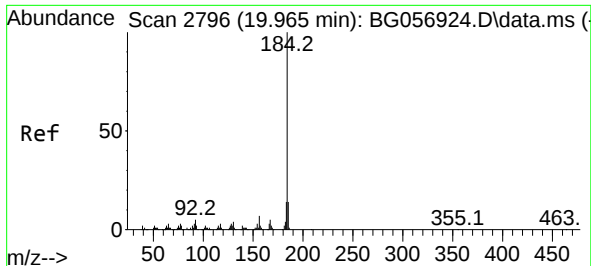
Tgt Ion:248 Resp: 4345
Ion Ratio Lower Upper
248 100
250 179.6 80.5 120.7#
141 494.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:240 Resp: 91047
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 25.9 21.0 31.6

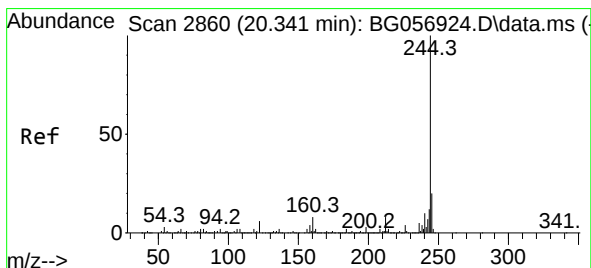
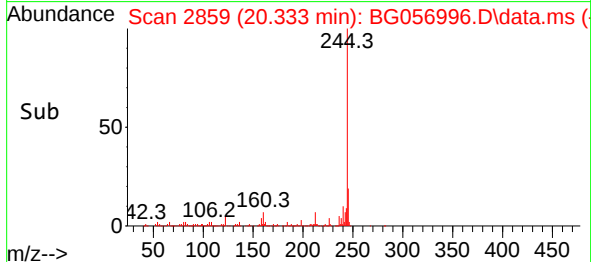
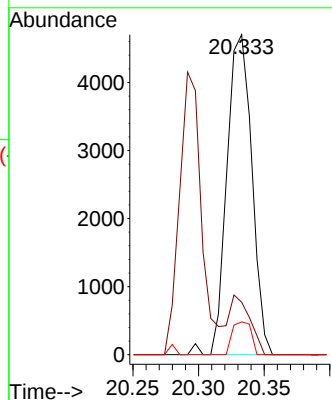
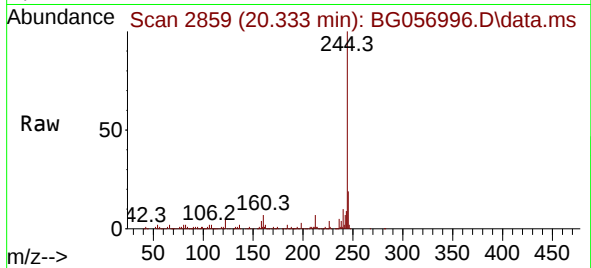




#77
Benzidine
Concen: 2.503 ng
RT: 20.333 min Scan# 2859
Delta R.T. 0.370 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

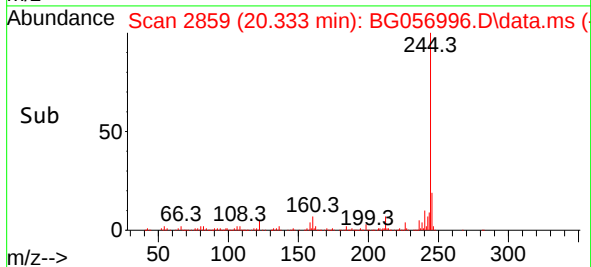
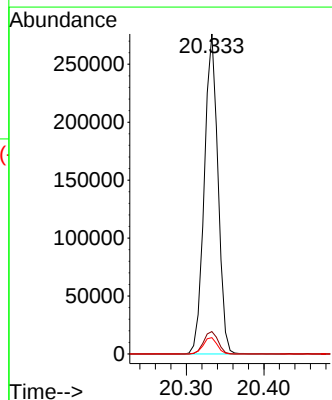
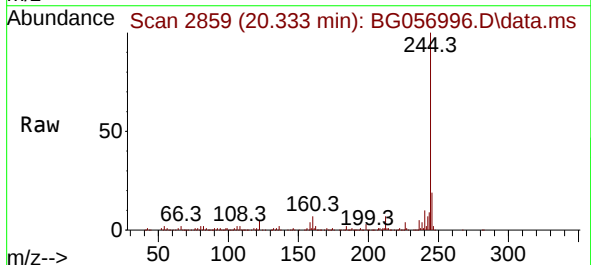
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

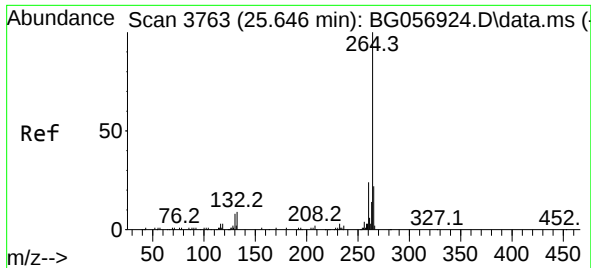
Tgt Ion:184 Resp: 6230
Ion Ratio Lower Upper
184 100
185 16.4 11.0 16.4
183 10.3 11.4 17.0#



#79
Terphenyl-d14
Concen: 62.569 ng
RT: 20.333 min Scan# 2859
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:244 Resp: 336655
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.626 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Instrument :
BNA_G
ClientSampleId :
B-30-SB01

Tgt Ion:264 Resp: 95426

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.7	17.8	26.6

