

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056974.D
 Acq On : 4 Apr 2023 20:59
 Operator : CG/JU
 Sample : 02161-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Apr 05 04:11:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

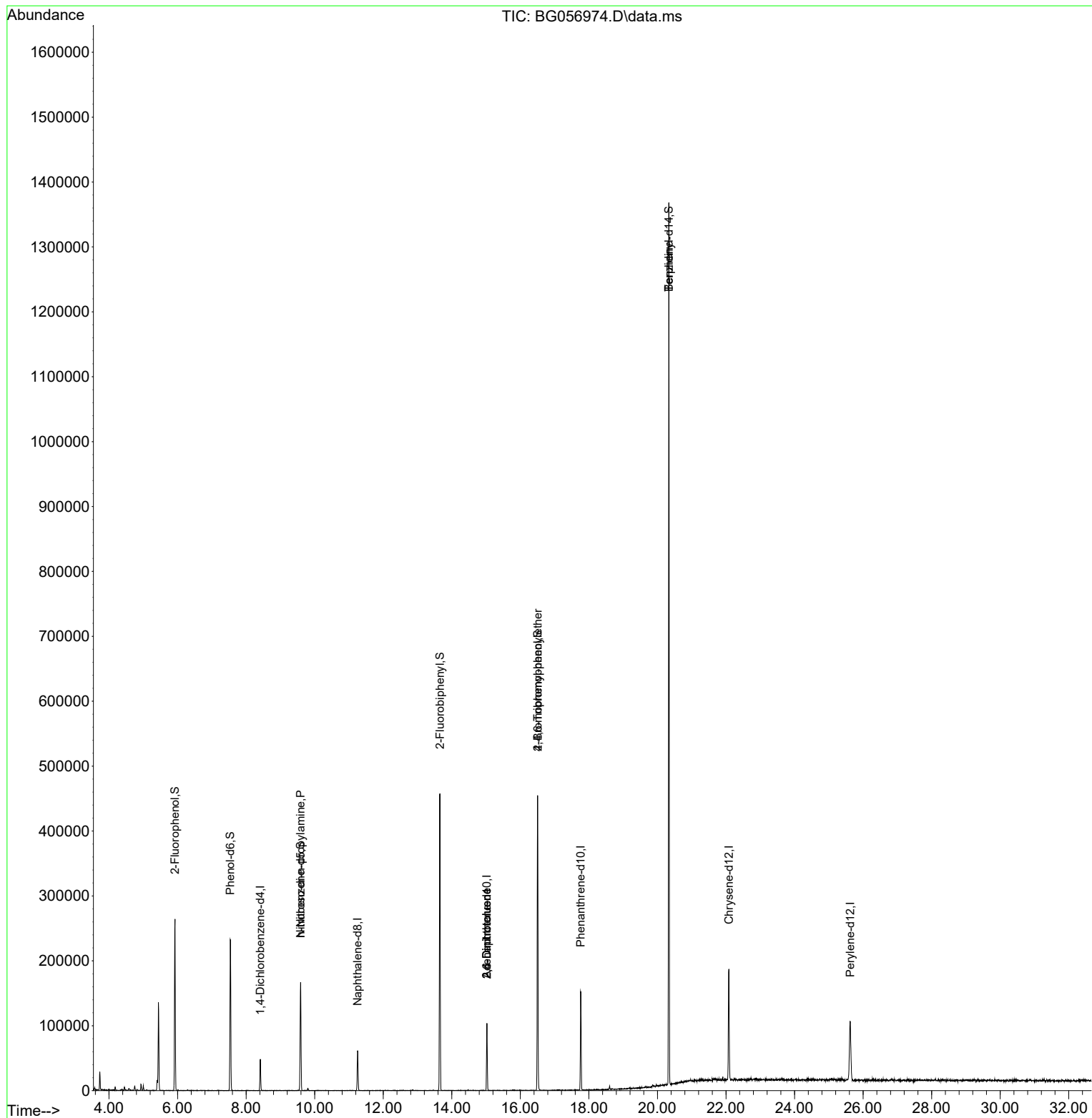
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	12777	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	49111	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	36424	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	102799	20.000	ng	-0.01
76) Chrysene-d12	22.084	240	112767	20.000	ng	-0.01
86) Perylene-d12	25.626	264	112024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	101781	127.491	ng	0.00
7) Phenol-d6	7.539	99	129364	108.344	ng	0.00
23) Nitrobenzene-d5	9.589	82	103315	86.079	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	90849	156.129	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	235818	87.791	ng	0.00
79) Terphenyl-d14	20.333	244	650504	97.613	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.589	70	15574	18.236	ng	# 77
51) 2,6-Dinitrotoluene	15.023	165	5056	8.154	ng	# 18
57) 2,4-Dinitrotoluene	15.023	165	5056	5.781	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	6112	4.805	ng	# 1
77) Benzidine	20.333	184	11251	3.650	ng	# 81

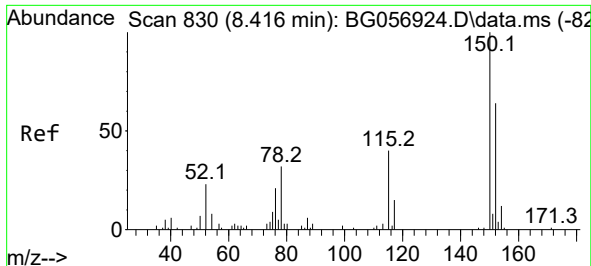
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

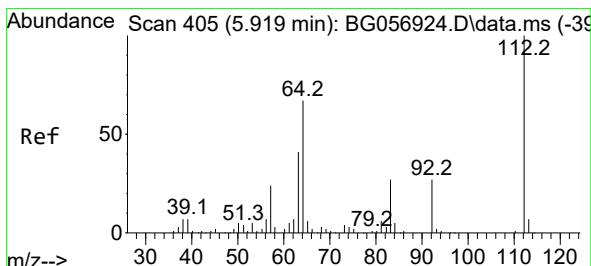
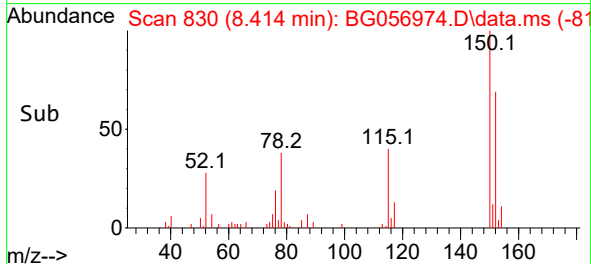
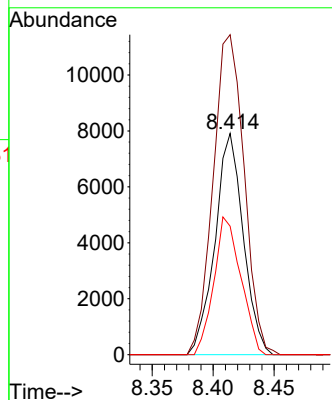
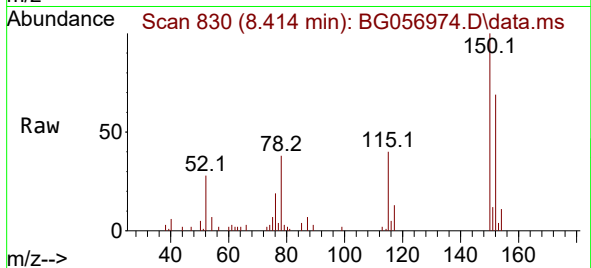




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

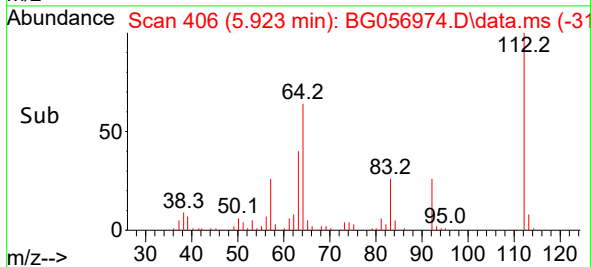
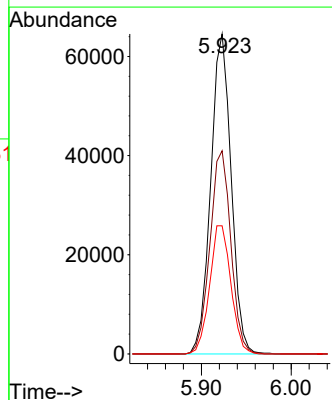
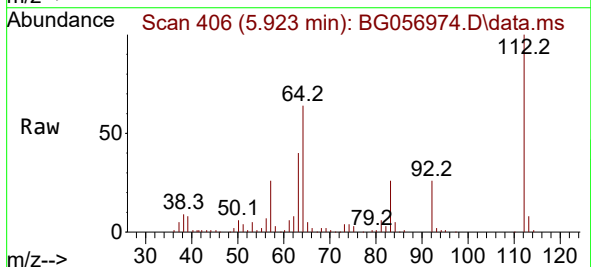
Instrument :
BNA_G
ClientSampleId :
WC-5

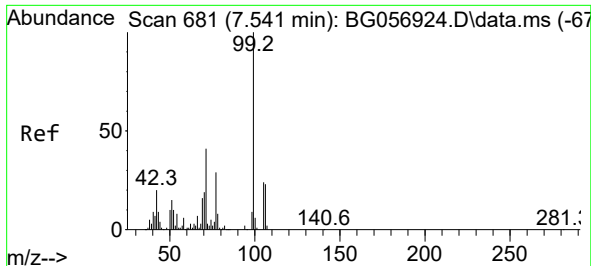
Tgt Ion:152 Resp: 12777
Ion Ratio Lower Upper
152 100
150 144.6 124.1 186.1
115 58.1 49.1 73.7



#5
2-Fluorophenol
Concen: 127.491 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.004 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:112 Resp: 101781
Ion Ratio Lower Upper
112 100
64 63.5 53.2 79.8
63 40.1 32.6 48.8

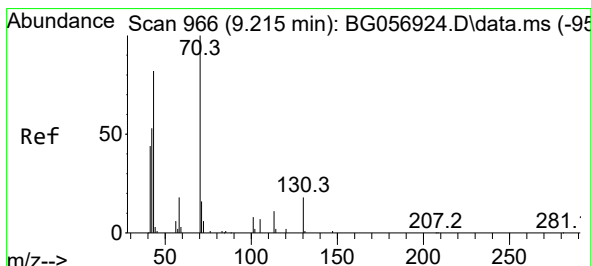
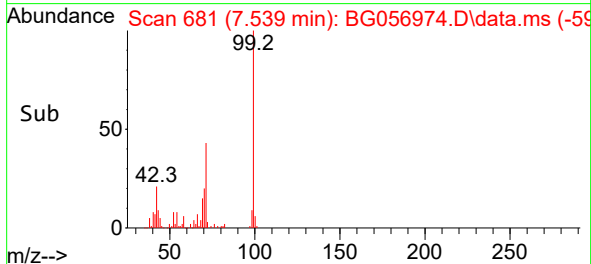
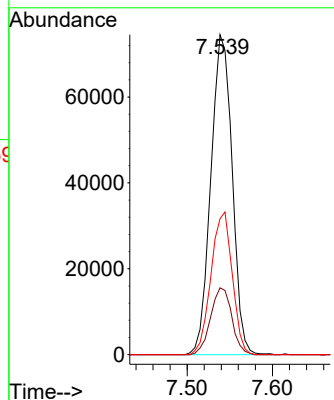
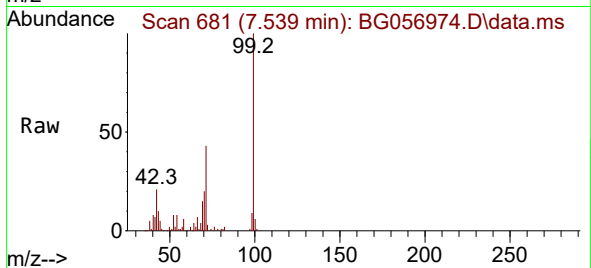




#7
Phenol-d6
Concen: 108.344 ng
RT: 7.539 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

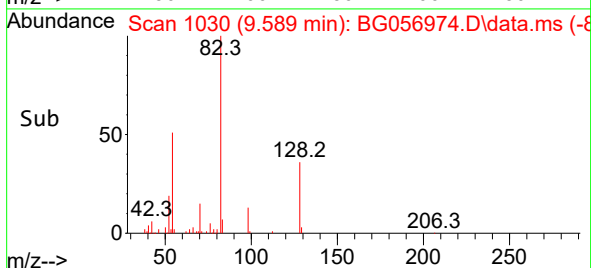
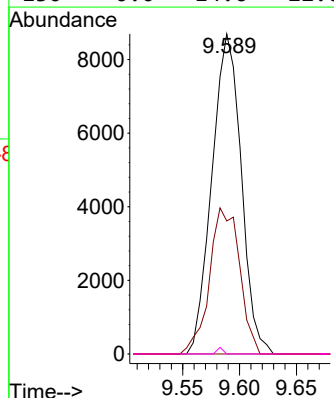
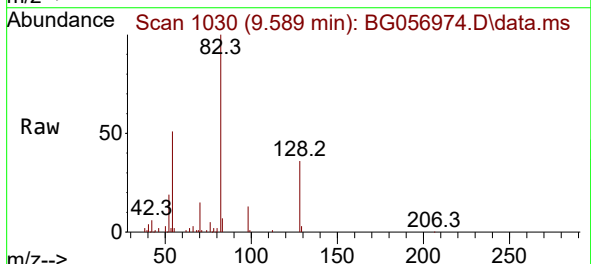
Instrument :
BNA_G
ClientSampleId :
WC-5

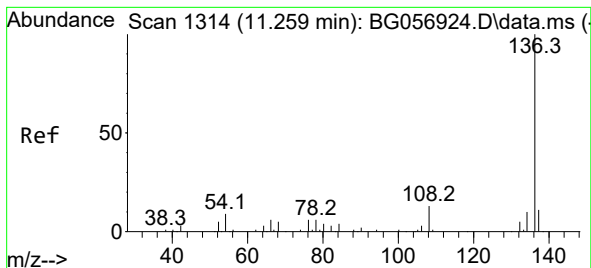
Tgt Ion: 99 Resp: 129364
Ion Ratio Lower Upper
99 100
42 20.9 15.7 23.5
71 42.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.236 ng
RT: 9.589 min Scan# 1030
Delta R.T. 0.374 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion: 70 Resp: 15574
Ion Ratio Lower Upper
70 100
42 41.6 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. -0.008 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

Instrument :

BNA_G

ClientSampleId :

WC-5

Tgt Ion:136 Resp: 49111

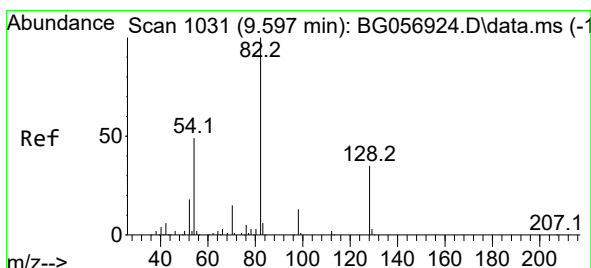
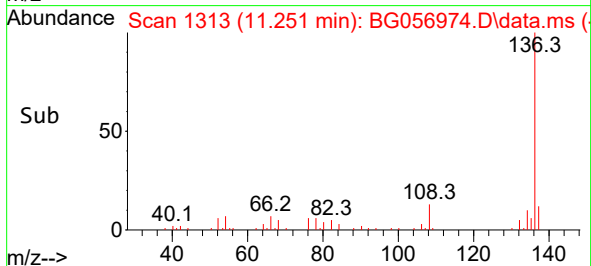
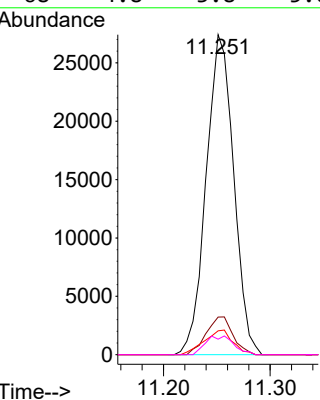
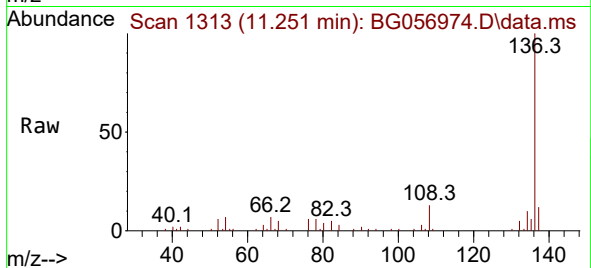
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 7.5 6.9 10.3

68 4.8 3.8 5.6



#23

Nitrobenzene-d5

Concen: 86.079 ng

RT: 9.589 min Scan# 1030

Delta R.T. -0.008 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

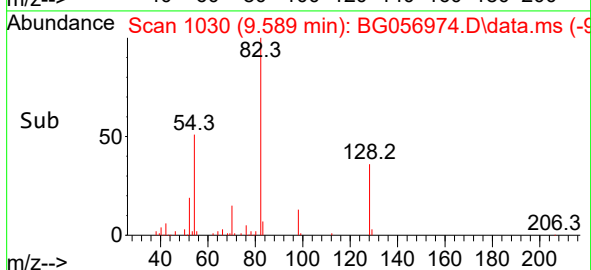
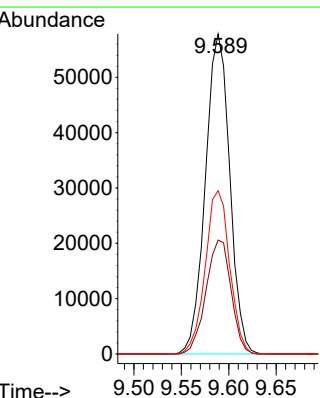
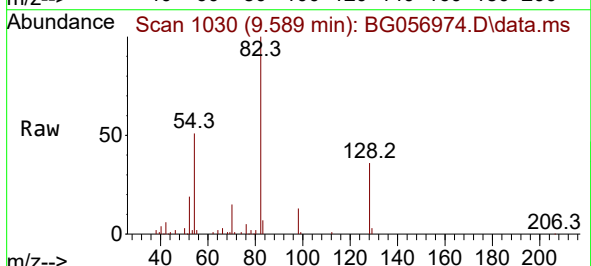
Tgt Ion: 82 Resp: 103315

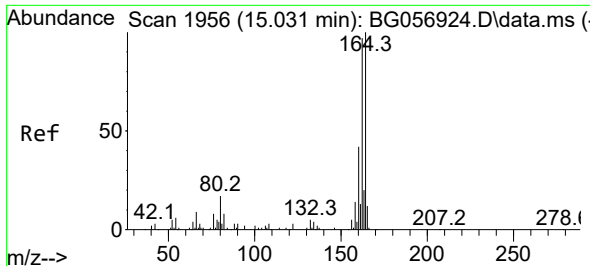
Ion Ratio Lower Upper

82 100

128 35.6 27.9 41.9

54 51.0 39.4 59.2

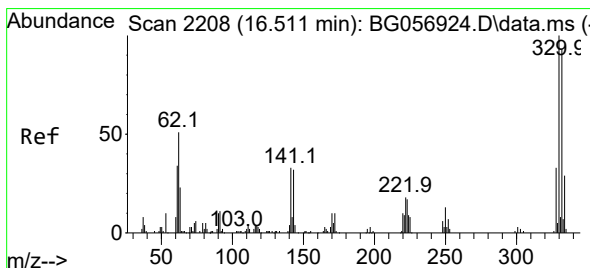
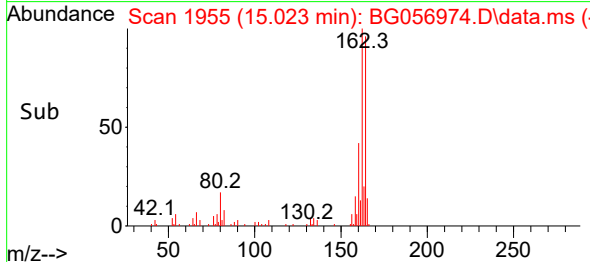
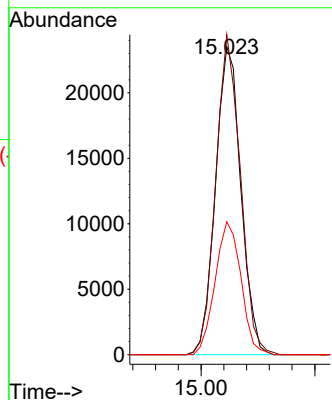
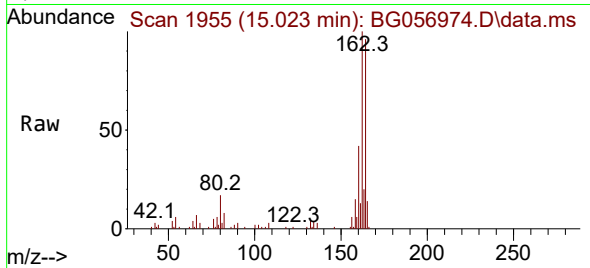




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.023 min Scan# 1955
Delta R.T. -0.008 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

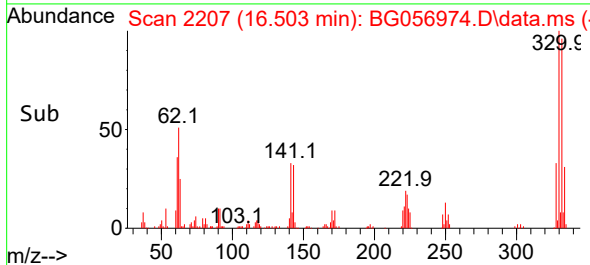
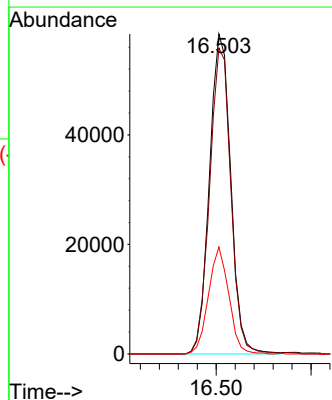
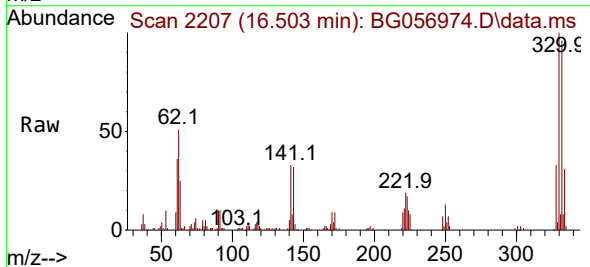
Instrument :
BNA_G
ClientSampleId :
WC-5

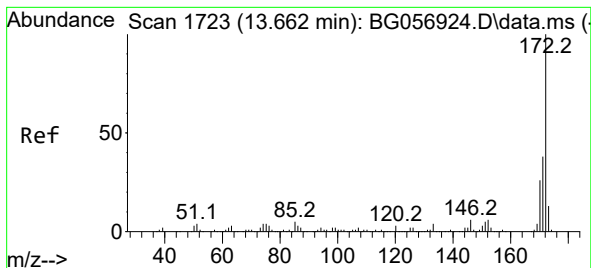
Tgt Ion:164 Resp: 36424
Ion Ratio Lower Upper
164 100
162 103.9 77.8 116.8
160 43.2 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 156.129 ng
RT: 16.503 min Scan# 2207
Delta R.T. -0.008 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:330 Resp: 90849
Ion Ratio Lower Upper
330 100
332 95.6 76.1 114.1
141 31.9 25.8 38.6

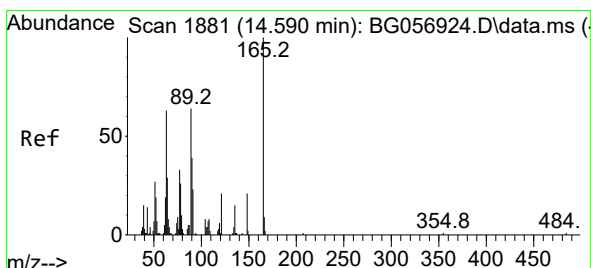
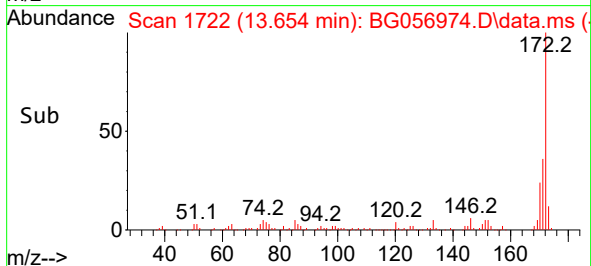
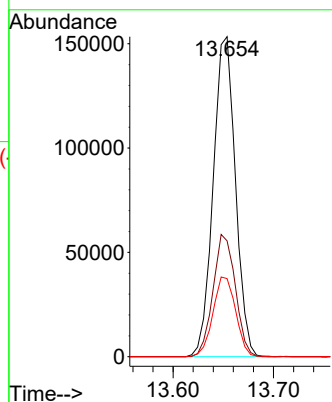
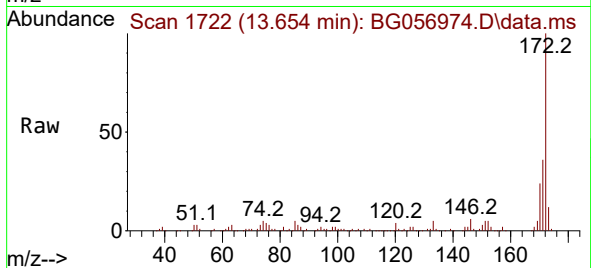




#45
2-Fluorobiphenyl
Concen: 87.791 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

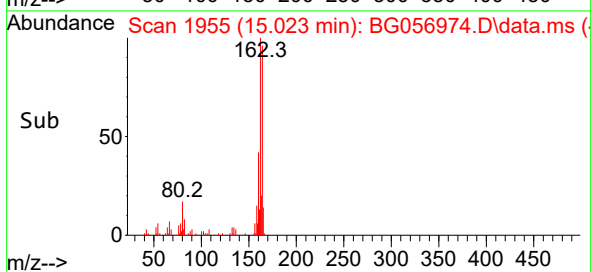
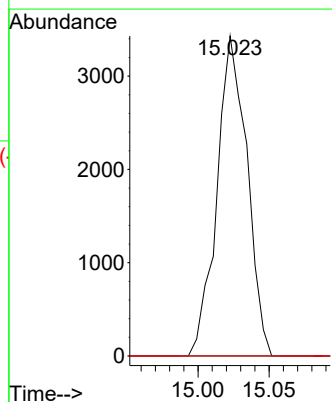
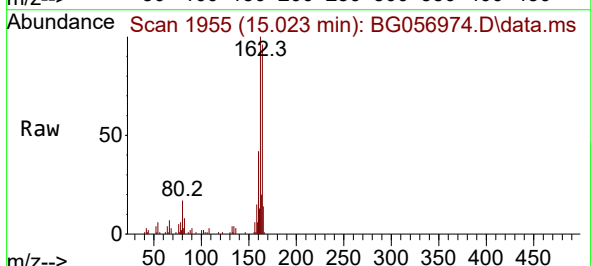
Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:172 Resp: 235818
Ion Ratio Lower Upper
172 100
171 36.2 30.6 46.0
170 24.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.154 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.433 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:165 Resp: 5056
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.781 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.355 min

Lab File: BG056974.D

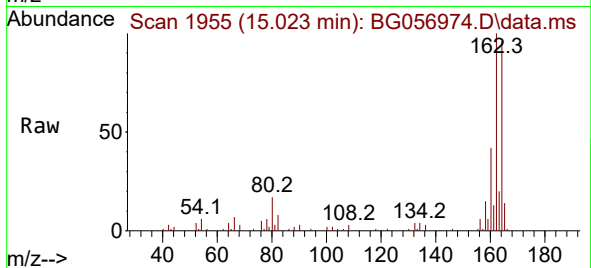
Acq: 4 Apr 2023 20:59

Instrument :

BNA_G

ClientSampleId :

WC-5



Tgt Ion:165 Resp: 5056

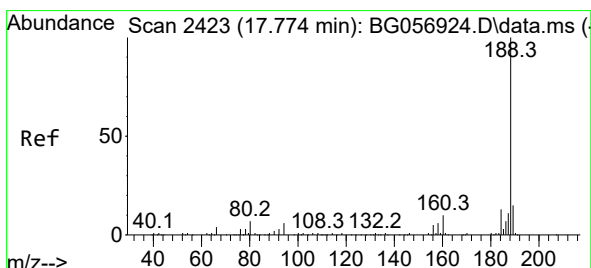
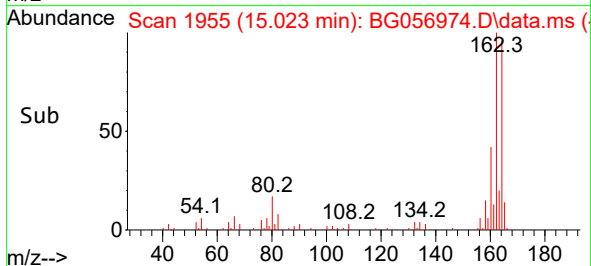
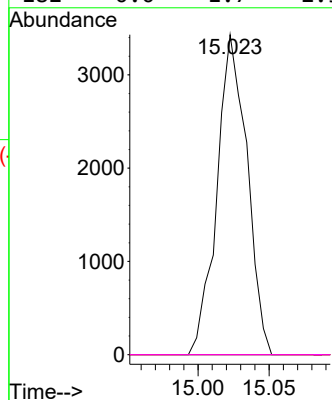
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.760 min Scan# 2421

Delta R.T. -0.014 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

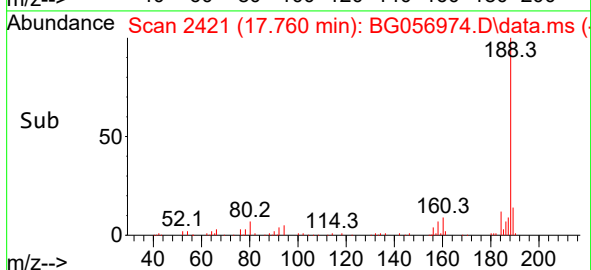
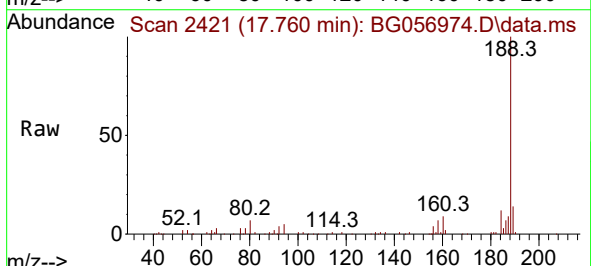
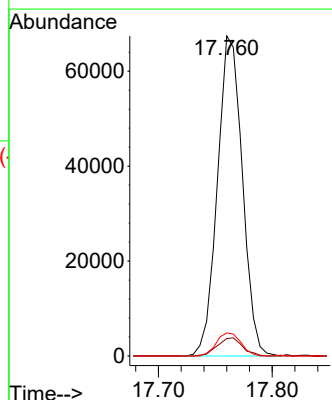
Tgt Ion:188 Resp: 102799

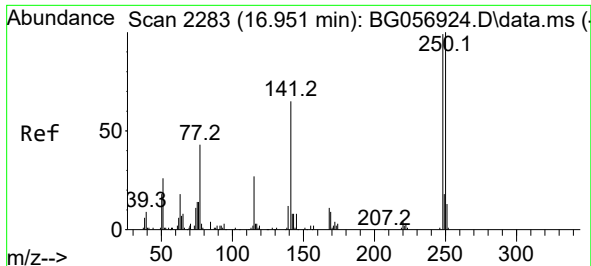
Ion Ratio Lower Upper

188 100

94 5.5 4.6 6.8

80 7.2 5.5 8.3

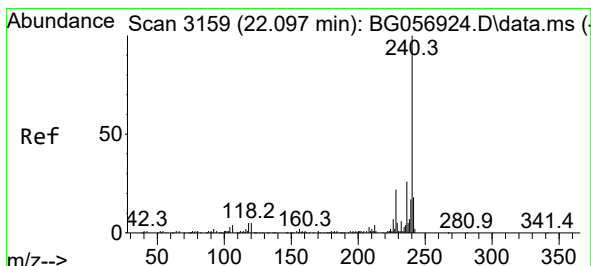
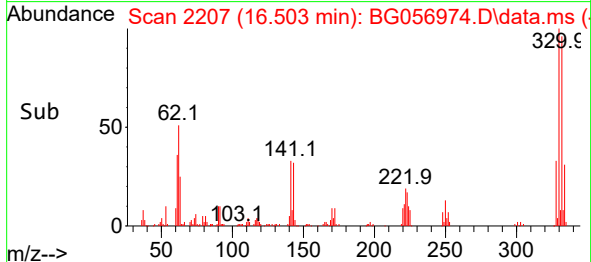
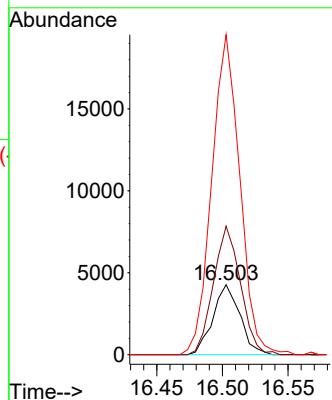
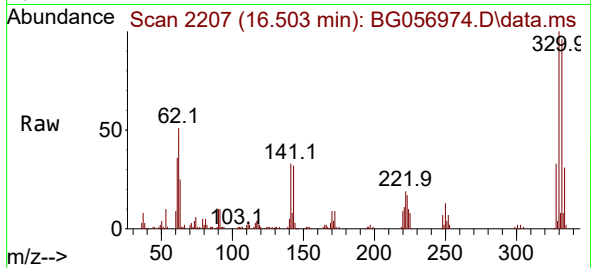




#67
4-Bromophenyl-phenylether
Concen: 4.805 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

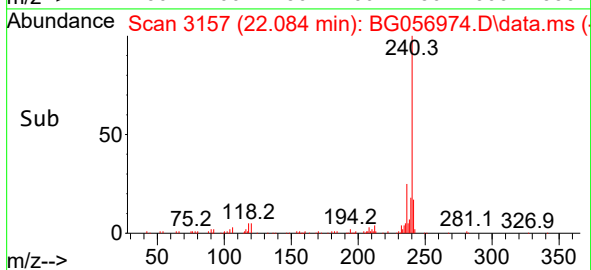
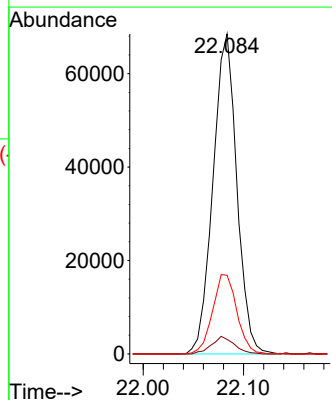
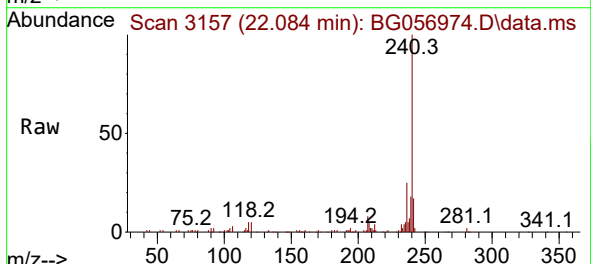
Instrument :
BNA_G
ClientSampleId :
WC-5

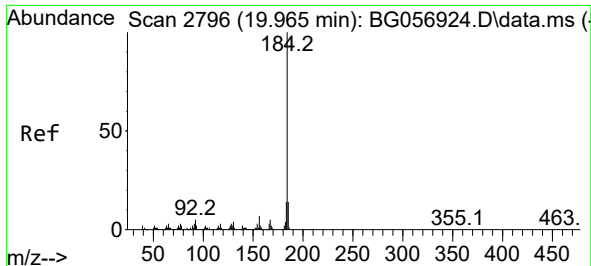
Tgt Ion:248 Resp: 6112
Ion Ratio Lower Upper
248 100
250 183.8 80.5 120.7#
141 457.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.084 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:240 Resp: 112767
Ion Ratio Lower Upper
240 100
120 4.6 3.8 5.6
236 24.6 21.0 31.6

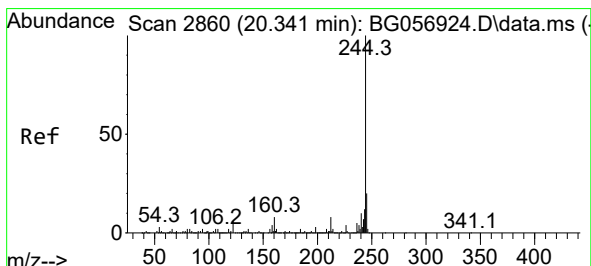
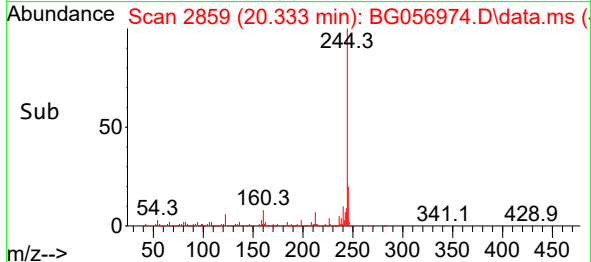
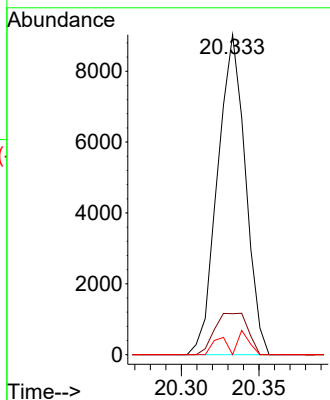
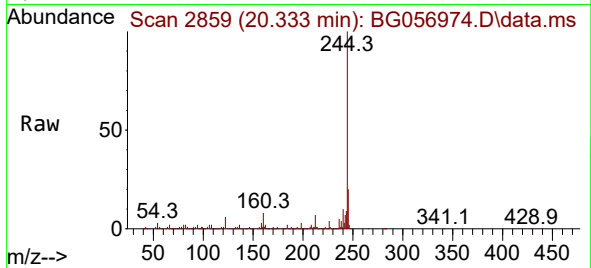




#77
Benzidine
Concen: 3.650 ng
RT: 20.333 min Scan# 2859
Delta R.T. 0.368 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

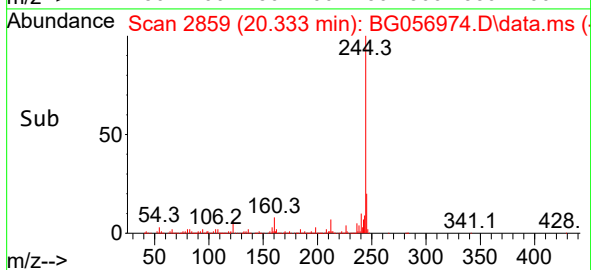
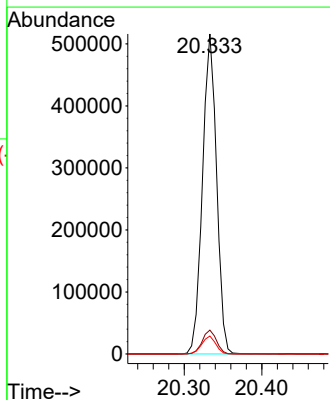
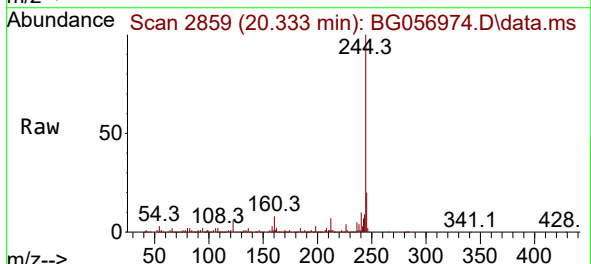
Instrument :
BNA_G
ClientSampleId :
WC-5

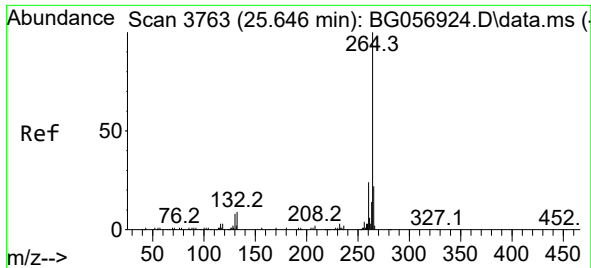
Tgt Ion:184 Resp: 11251
Ion Ratio Lower Upper
184 100
185 12.8 11.0 16.4
183 0.0 11.4 17.0#



#79
Terphenyl-d14
Concen: 97.613 ng
RT: 20.333 min Scan# 2859
Delta R.T. -0.008 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:244 Resp: 650504
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 5.6 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.626 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:264 Resp: 112024

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	20.0	17.8	26.6

