

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057092.D
 Acq On : 13 Apr 2023 22:11
 Operator : CG/JU
 Sample : 02292-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 14 01:24:32 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 13 05:15:23 2023
 Response via : Initial Calibration

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

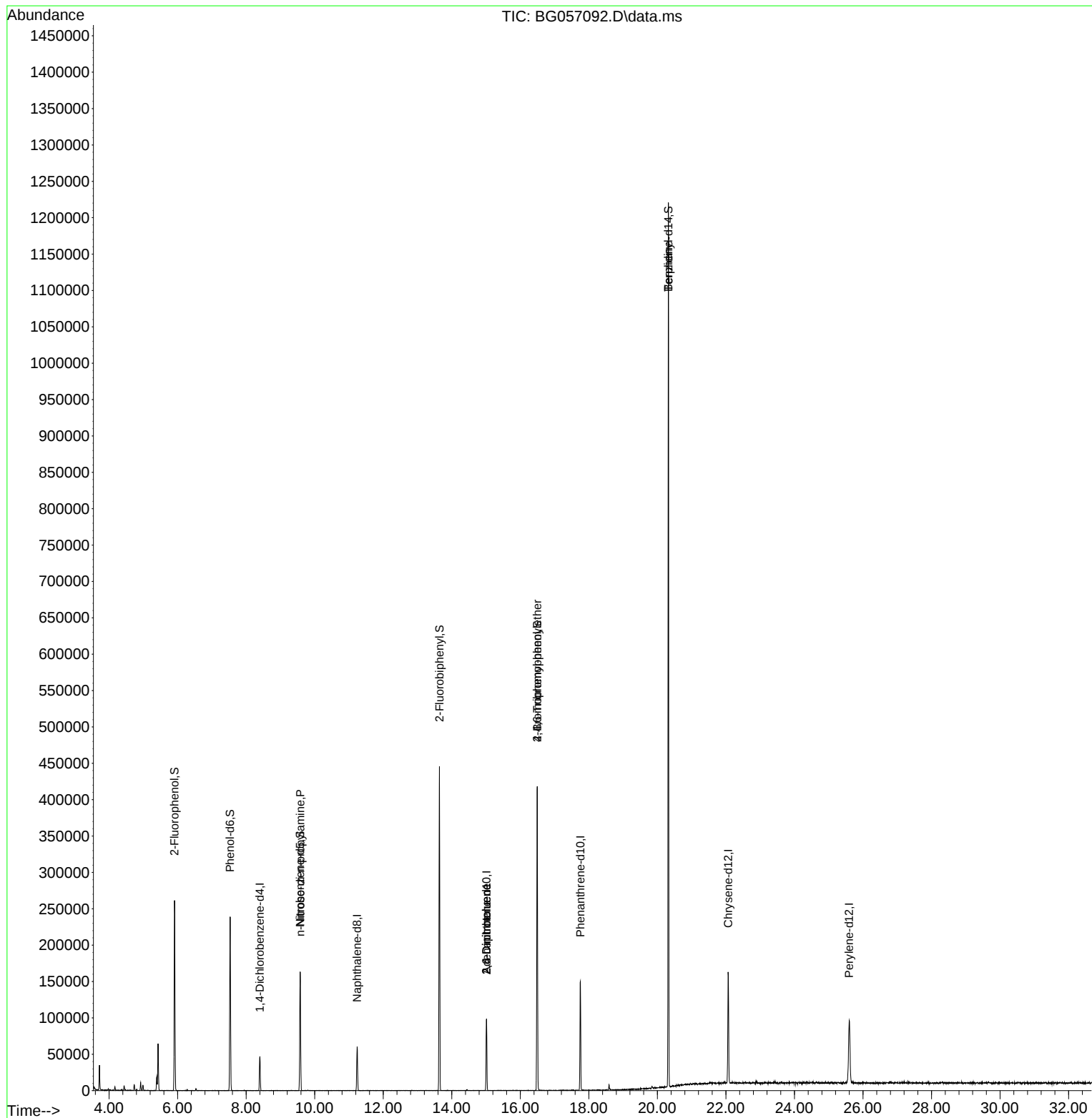
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	12826	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	50270	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	36866	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	100711	20.000	ng	0.00
76) Chrysene-d12	22.065	240	97903	20.000	ng	#-0.02
86) Perylene-d12	25.596	264	105641	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	109615	136.779	ng	0.00
7) Phenol-d6	7.532	99	134444	112.168	ng	0.00
23) Nitrobenzene-d5	9.576	82	104860	85.351	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	87736	148.971	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	227761	83.775	ng	0.00
79) Terphenyl-d14	20.321	244	581050	100.429	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	13667	15.942	ng	# 76
51) 2,6-Dinitrotoluene	15.016	165	4123	6.569	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	4123	4.658	ng	# 18
67) 4-Bromophenyl-phenylether	16.496	248	5529	4.437	ng	# 1
77) Benzidine	20.321	184	9090	3.397	ng	# 86

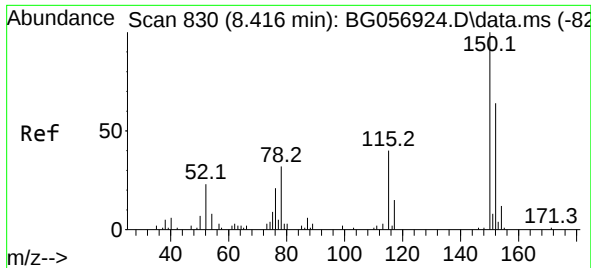
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
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Quant Time: Apr 14 01:24:32 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 13 05:15:23 2023
Response via : Initial Calibration

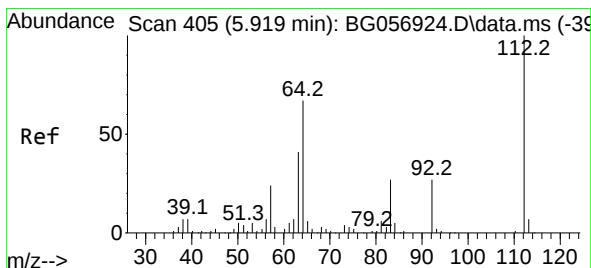
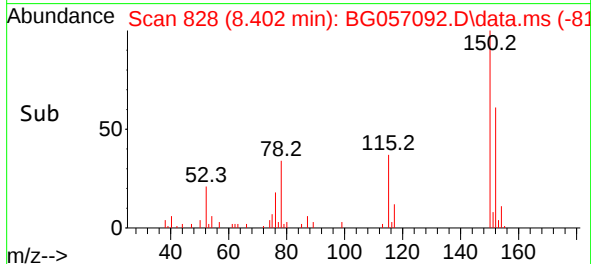
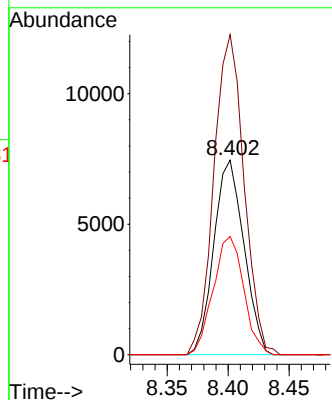
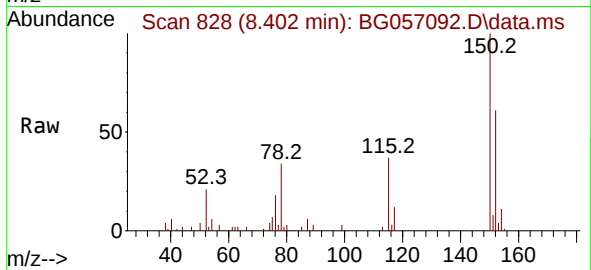




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

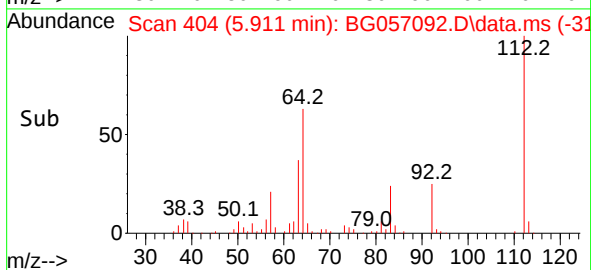
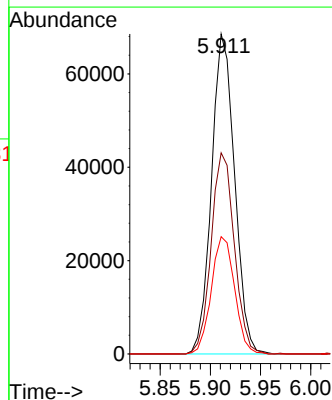
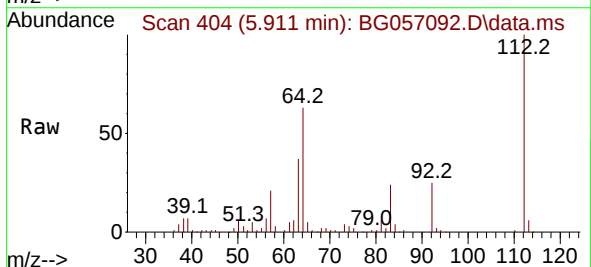
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

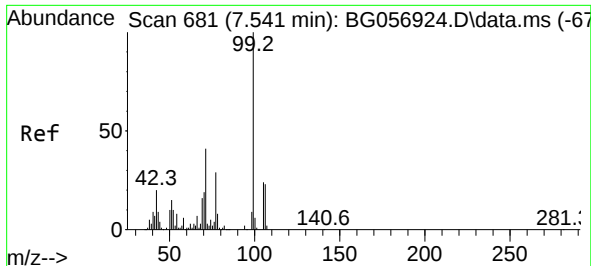
Tgt Ion:152 Resp: 12826
Ion Ratio Lower Upper
152 100
150 164.4 124.1 186.1
115 60.7 49.1 73.7



#5
2-Fluorophenol
Concen: 136.779 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion:112 Resp: 109615
Ion Ratio Lower Upper
112 100
64 62.9 53.2 79.8
63 36.7 32.6 48.8

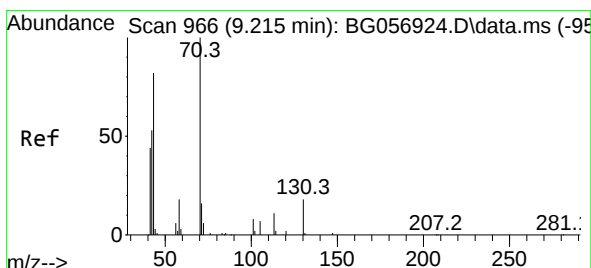
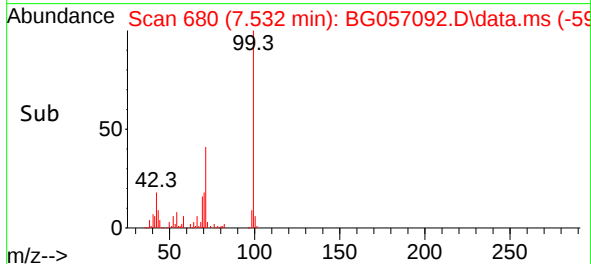
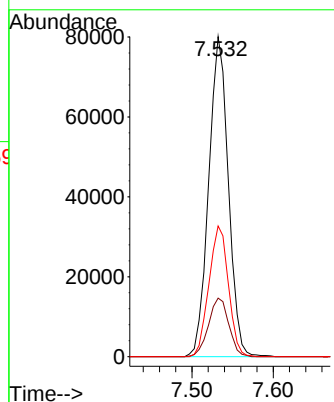
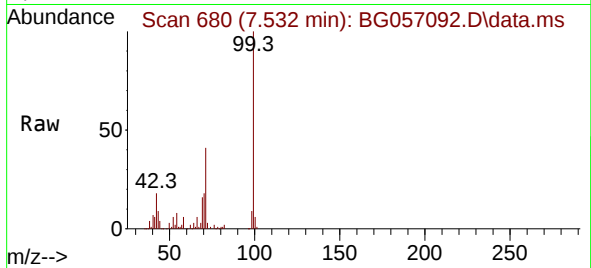




#7
Phenol-d6
Concen: 112.168 ng
RT: 7.532 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

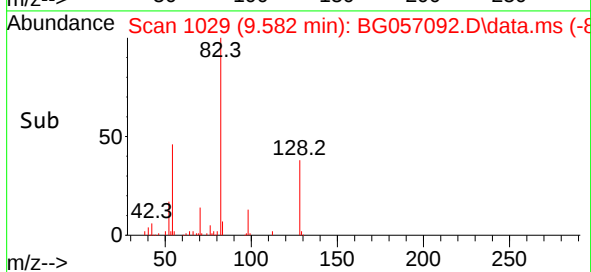
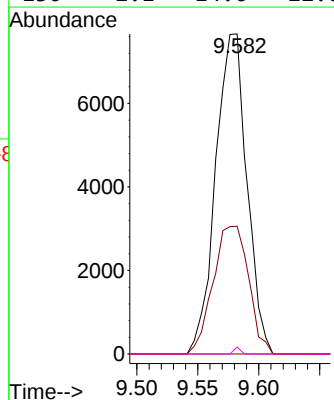
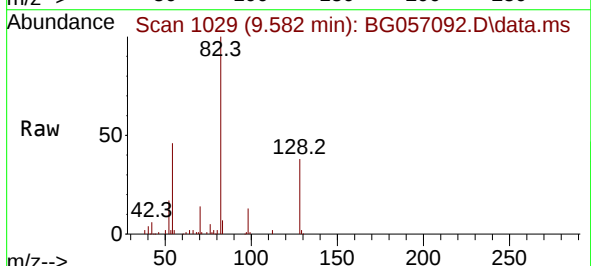
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

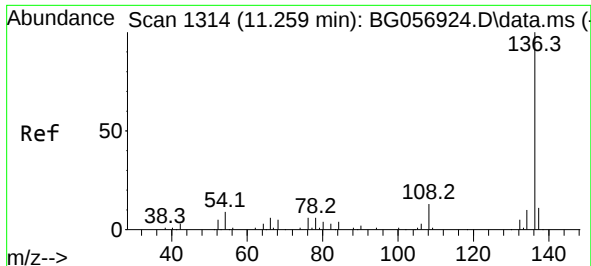
Tgt Ion: 99 Resp: 134444
Ion Ratio Lower Upper
99 100
42 18.3 15.7 23.5
71 40.8 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.942 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

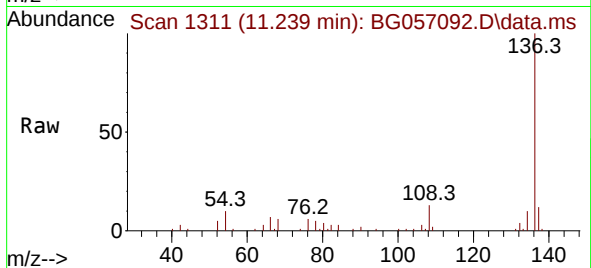
Tgt Ion: 70 Resp: 13667
Ion Ratio Lower Upper
70 100
42 39.9 43.4 65.0#
101 0.0 6.2 9.2#
130 2.1 14.6 22.0#



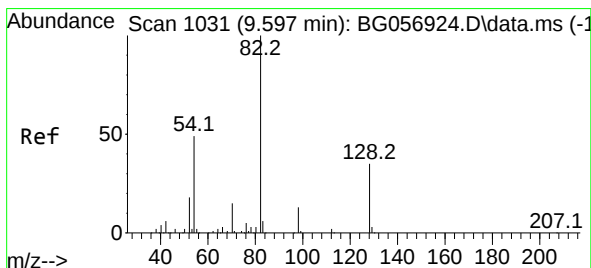
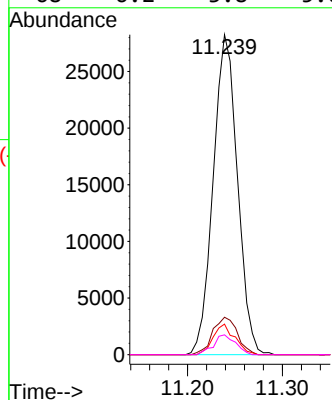
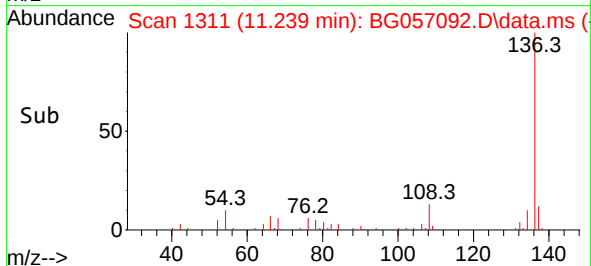


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

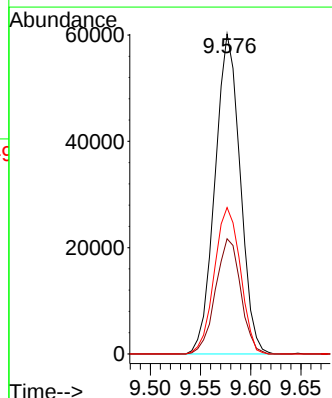
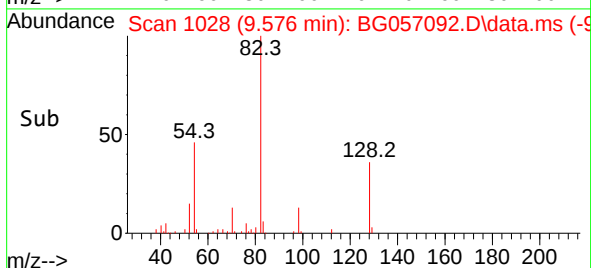
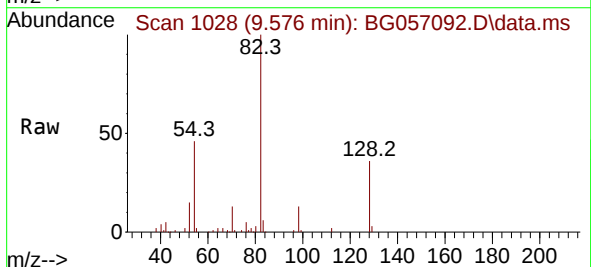


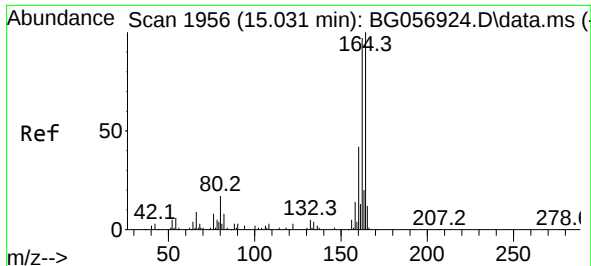
Tgt Ion:136 Resp: 50270
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.6 6.9 10.3
68 6.2 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 85.351 ng
RT: 9.576 min Scan# 1028
Delta R.T. -0.010 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion: 82 Resp: 104860
Ion Ratio Lower Upper
82 100
128 36.0 27.9 41.9
54 45.7 39.4 59.2

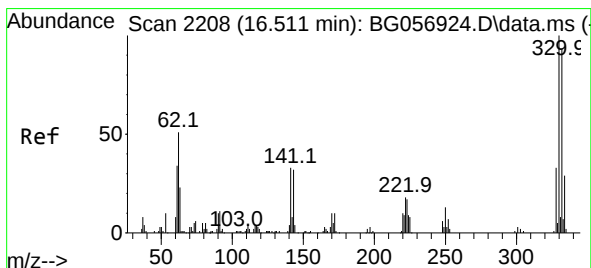
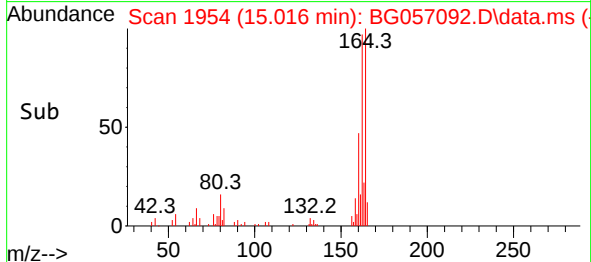
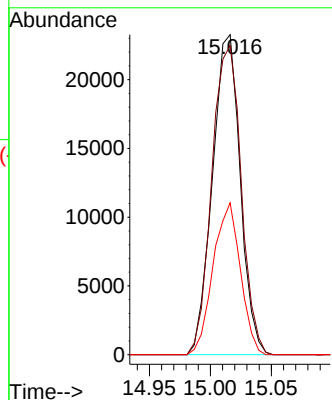
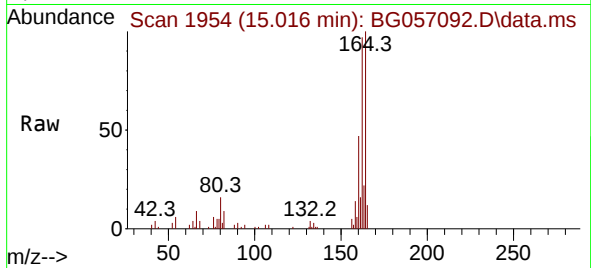




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.016 min Scan# 1954
 Delta R.T. -0.004 min
 Lab File: BG057092.D
 Acq: 13 Apr 2023 22:11

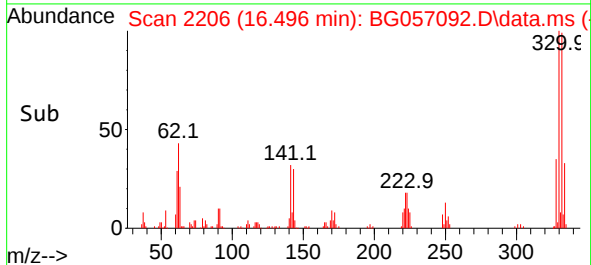
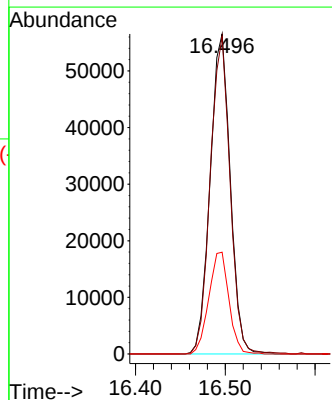
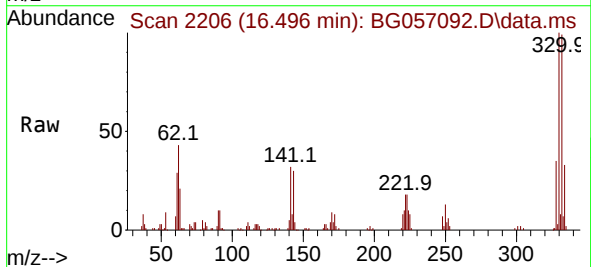
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G1-041123

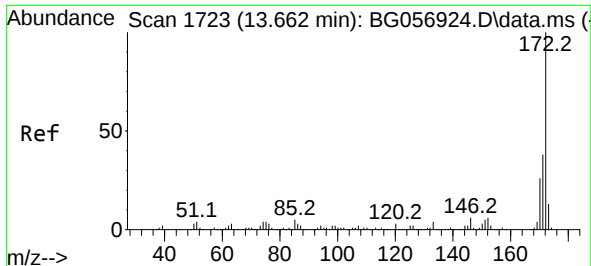
Tgt Ion:164	Resp:	36866
Ion Ratio	Lower	Upper
164	100	
162	96.6	77.8 116.8
160	47.5	33.5 50.3



#42
 2,4,6-Tribromophenol
 Concen: 148.971 ng
 RT: 16.496 min Scan# 2206
 Delta R.T. -0.004 min
 Lab File: BG057092.D
 Acq: 13 Apr 2023 22:11

Tgt Ion:330	Resp:	87736
Ion Ratio	Lower	Upper
330	100	
332	97.7	76.1 114.1
141	31.9	25.8 38.6

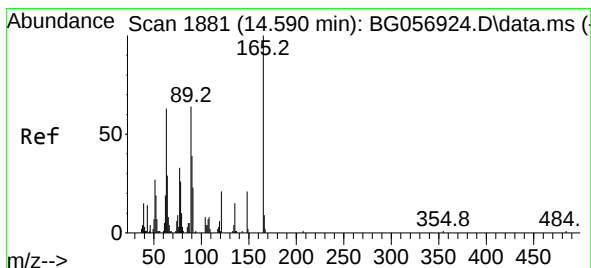
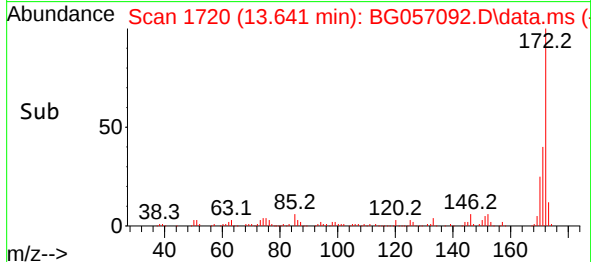
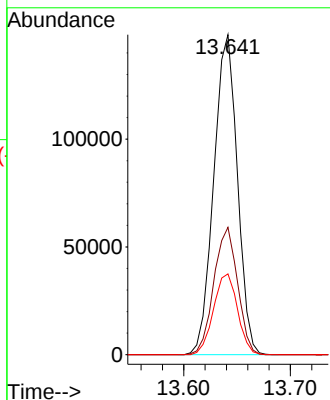
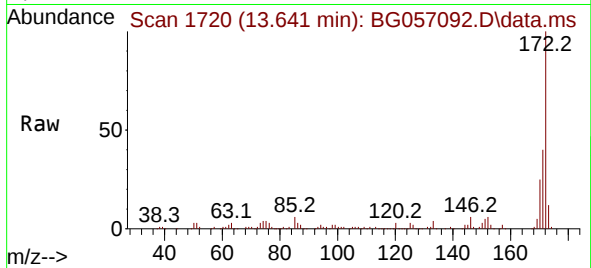




#45
2-Fluorobiphenyl
Concen: 83.775 ng
RT: 13.641 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

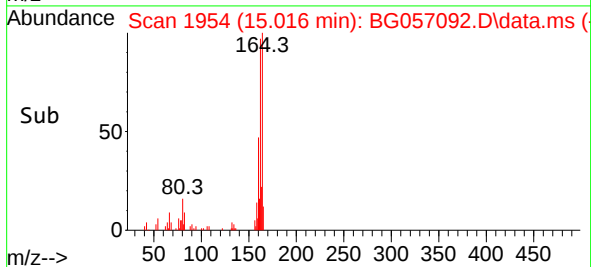
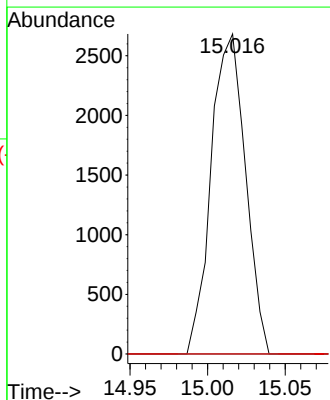
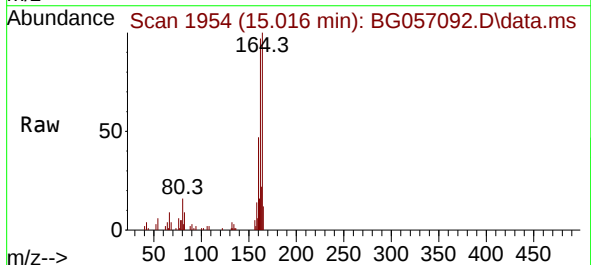
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

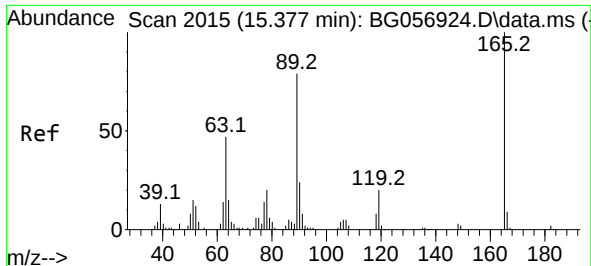
Tgt Ion:172 Resp: 227761
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 25.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 6.569 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion:165 Resp: 4123
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: 4.658 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057092.D

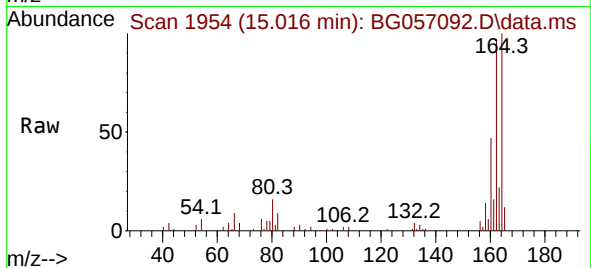
Acq: 13 Apr 2023 22:11

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123



Tgt Ion:165 Resp: 4123

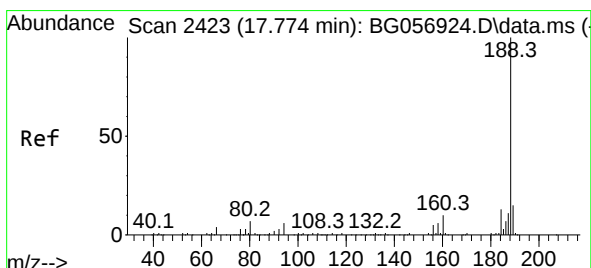
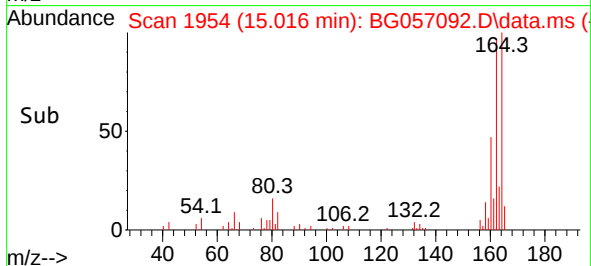
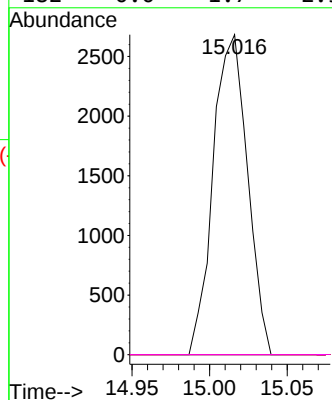
Ion Ratio Lower Upper

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: 17.754 min Scan# 2420

Delta R.T. -0.010 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

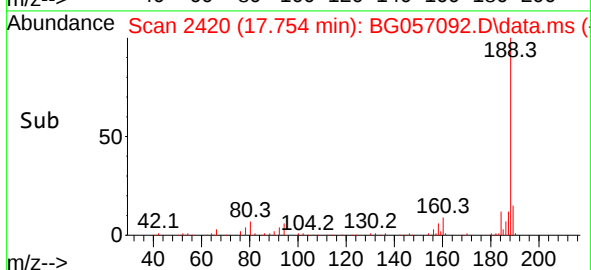
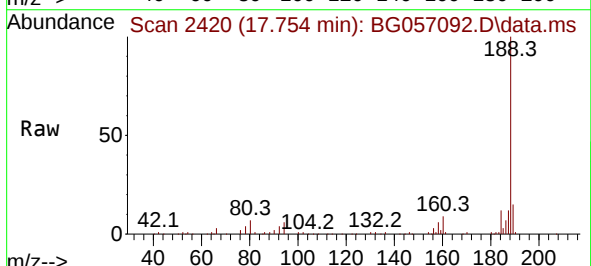
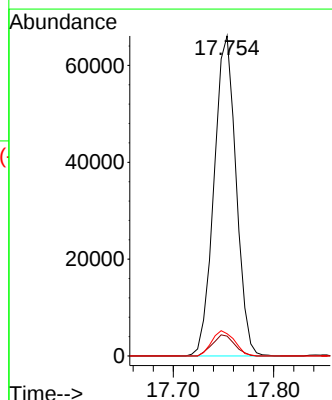
Tgt Ion:188 Resp: 100711

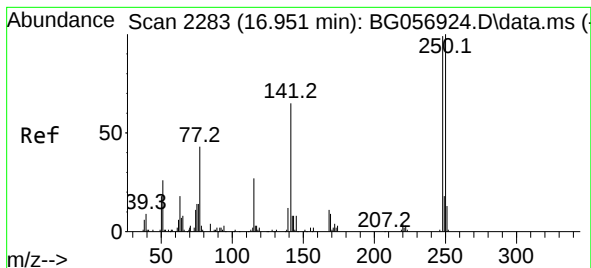
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.0 5.5 8.3

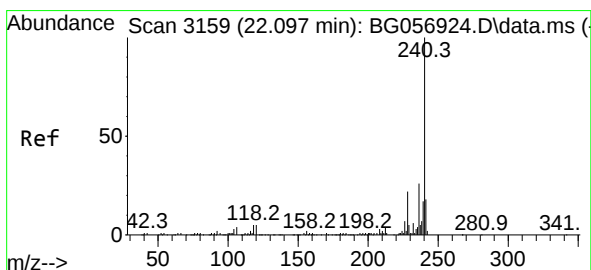
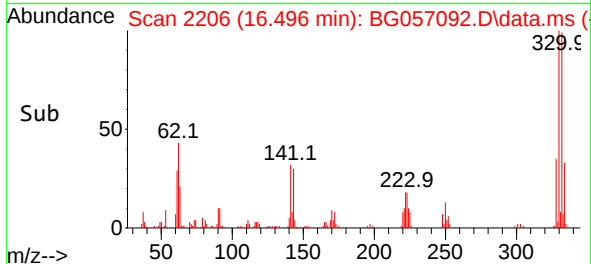
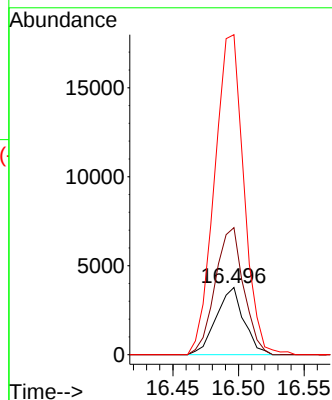
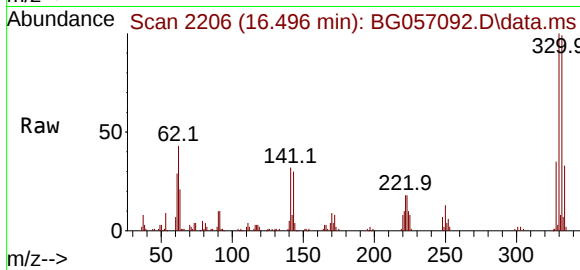




#67
4-Bromophenyl-phenylether
Concen: 4.437 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

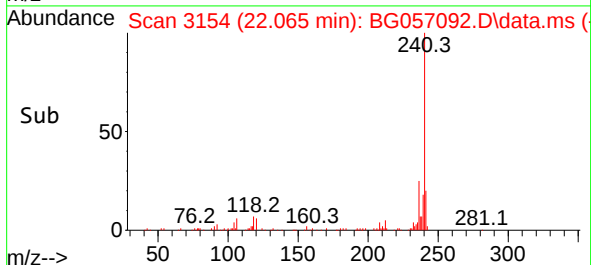
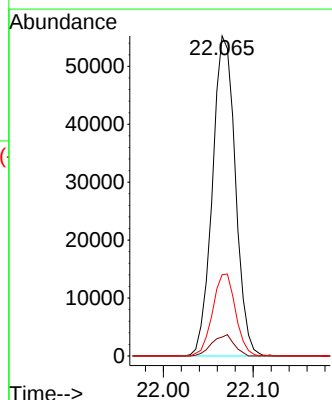
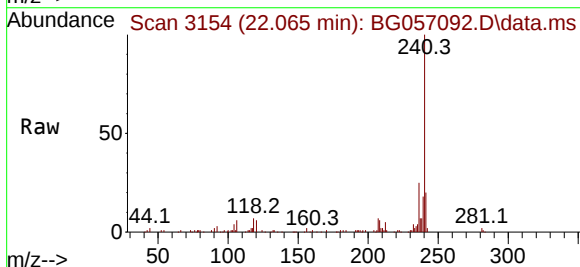
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

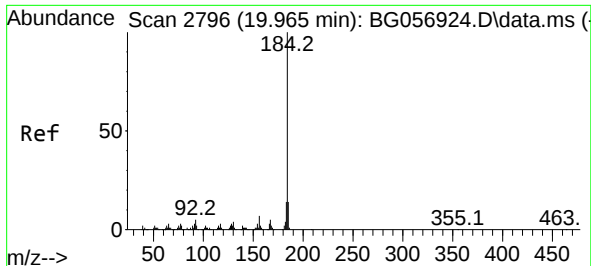
Tgt Ion:248 Resp: 5529
Ion Ratio Lower Upper
248 100
250 188.9 80.5 120.7#
141 475.8 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.065 min Scan# 3154
Delta R.T. -0.016 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion:240 Resp: 97903
Ion Ratio Lower Upper
240 100
120 5.9 3.8 5.6#
236 25.4 21.0 31.6

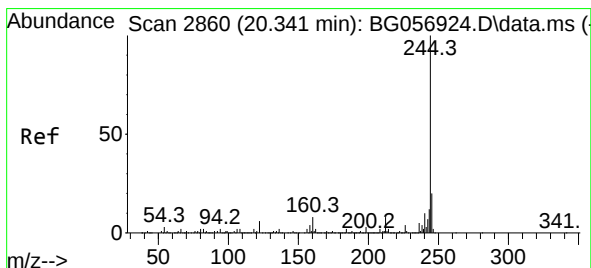
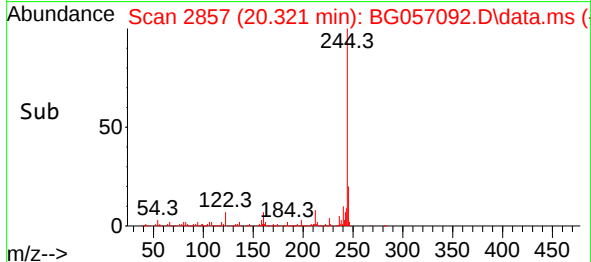
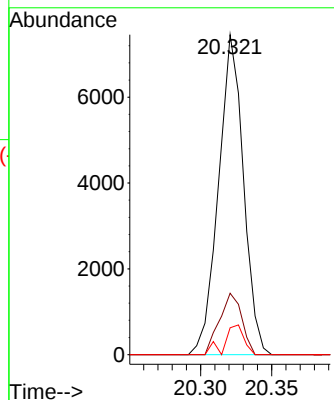
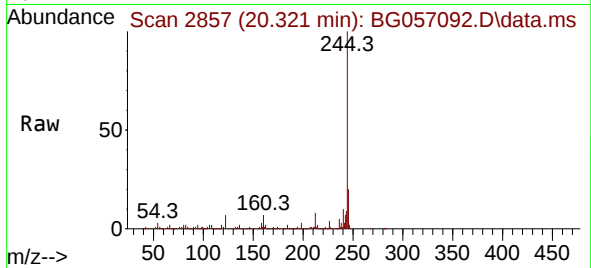




#77
Benzidine
Concen: 3.397 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.366 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

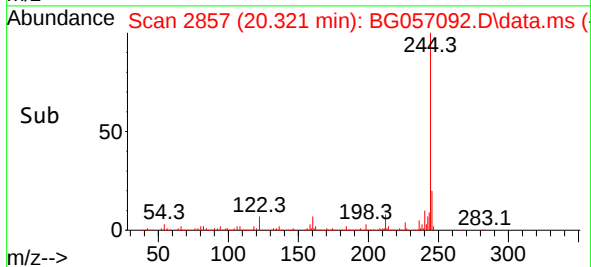
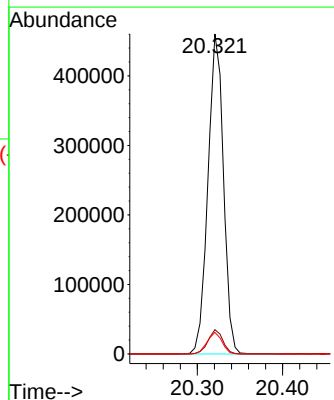
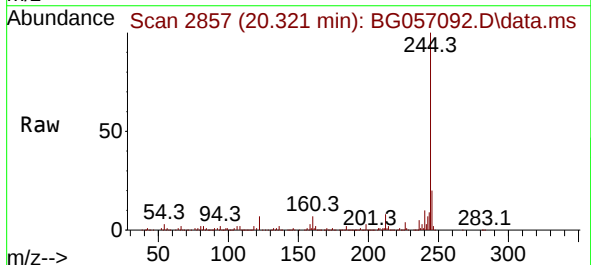
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

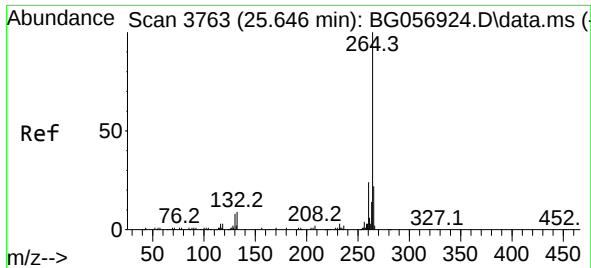
Tgt Ion:184 Resp: 9090
Ion Ratio Lower Upper
184 100
185 19.2 11.0 16.4#
183 8.4 11.4 17.0#



#79
Terphenyl-d14
Concen: 100.429 ng
RT: 20.321 min Scan# 2857
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion:244 Resp: 581050
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 6.8 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.596 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BG057092.D
 Acq: 13 Apr 2023 22:11

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G1-041123

Tgt Ion:264 Resp: 105641
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.5 17.8 26.6

