

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056367.D
 Acq On : 20 Jan 2023 14:34
 Operator : CG/JU
 Sample : 01220-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Quant Time: Jan 22 23:59:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

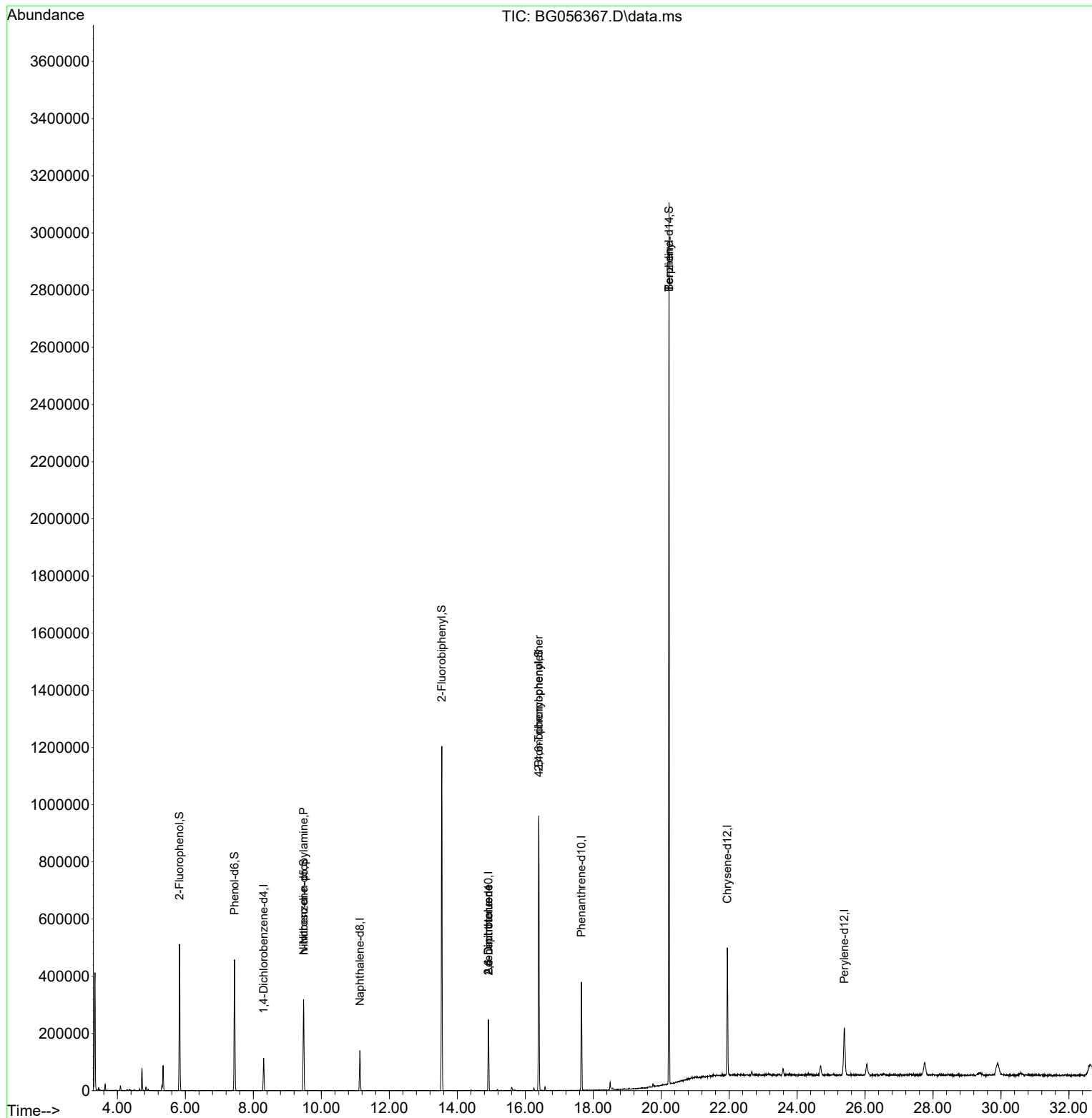
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	37934	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	133031	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	99136	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	274397	20.000	ng	0.00
76) Chrysene-d12	21.948	240	290753	20.000	ng	# 0.00
86) Perylene-d12	25.391	264	158350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	289595	136.308	ng	0.00
7) Phenol-d6	7.448	99	353951	108.483	ng	0.00
23) Nitrobenzene-d5	9.481	82	221567	85.194	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	212350	169.130	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	684565	95.355	ng	0.00
79) Terphenyl-d14	20.233	244	1634255	100.671	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.481	70	27673	13.948	ng	# 73
51) 2,6-Dinitrotoluene	14.915	165	13011	7.630	ng	# 31
57) 2,4-Dinitrotoluene	14.915	165	13011	5.456	ng	# 28
67) 4-Bromophenyl-phenylether	16.396	248	16976	4.858	ng	# 1
77) Benzdine	20.233	184	22623	2.220	ng	# 88

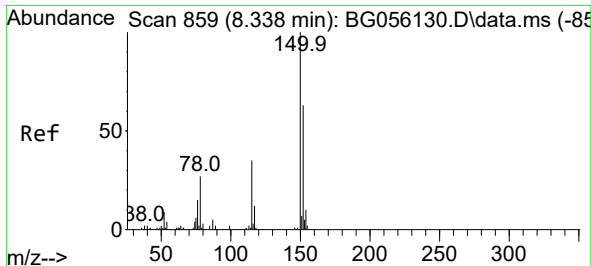
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
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Quant Time: Jan 22 23:59:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

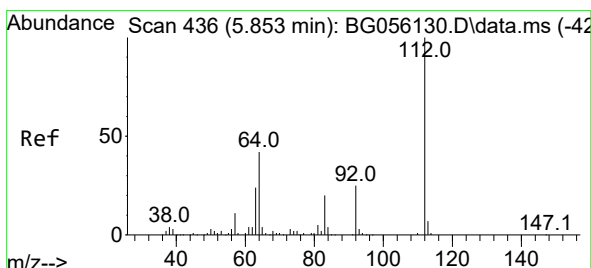
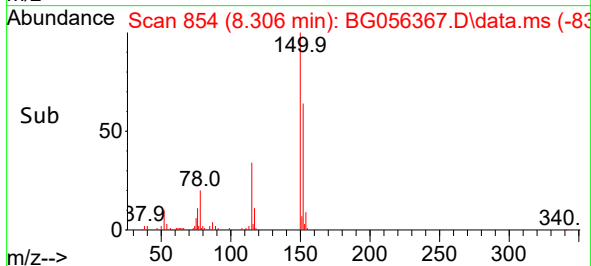
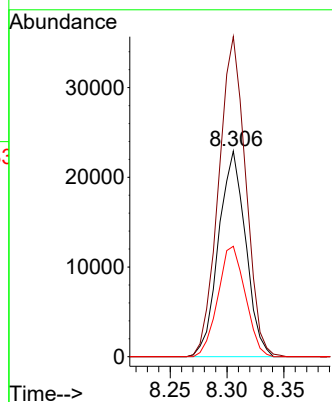
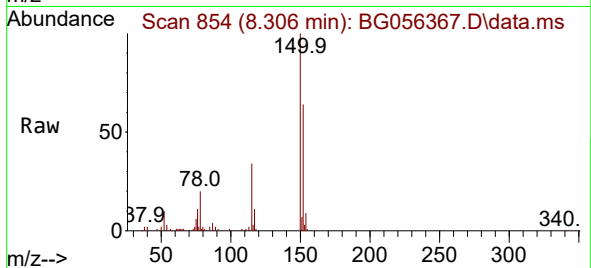




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

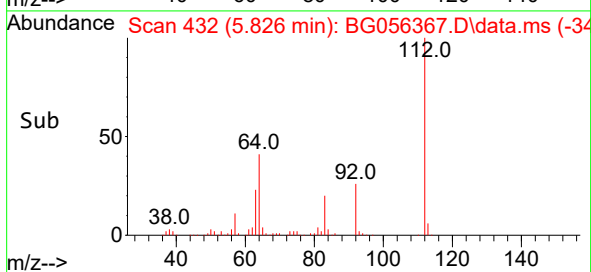
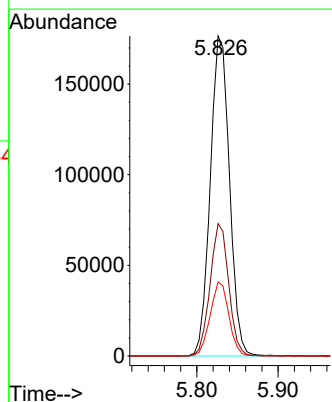
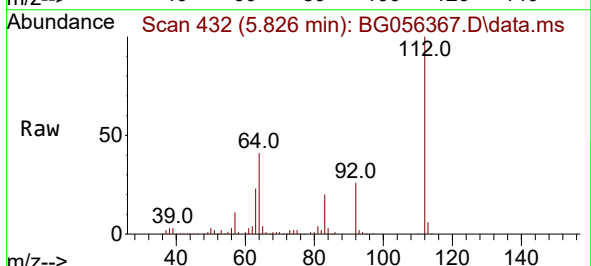
Instrument :
BNA_G
ClientSampleId :
TP-G

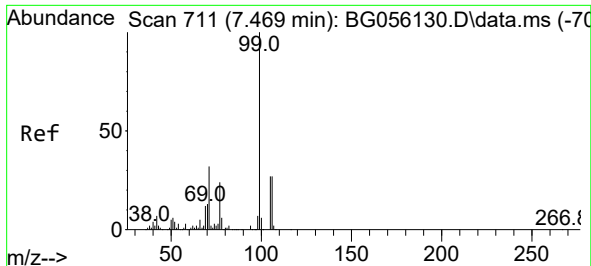
Tgt Ion:152 Resp: 37934
Ion Ratio Lower Upper
152 100
150 155.6 127.9 191.9
115 53.7 44.2 66.2



#5
2-Fluorophenol
Concen: 136.308 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion:112 Resp: 289595
Ion Ratio Lower Upper
112 100
64 41.4 33.3 49.9
63 23.2 19.0 28.4

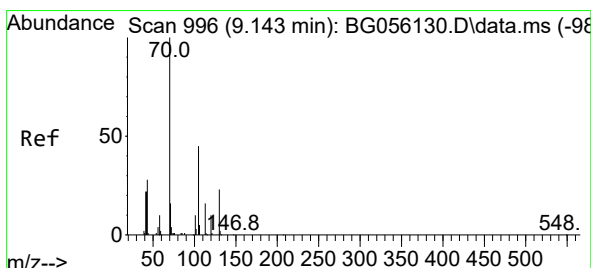
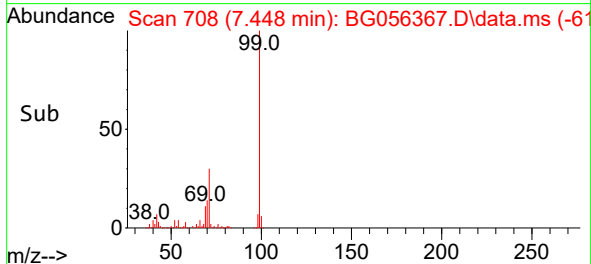
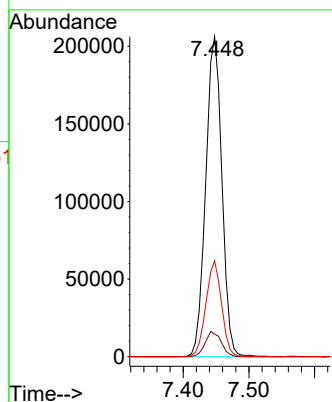
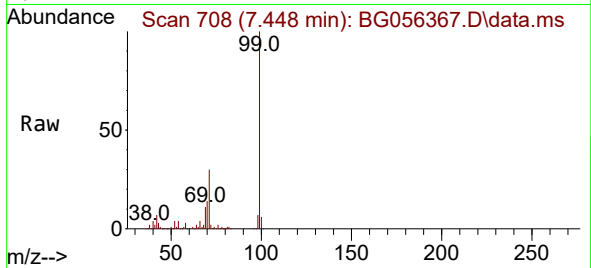




#7
Phenol-d6
Concen: 108.483 ng
RT: 7.448 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

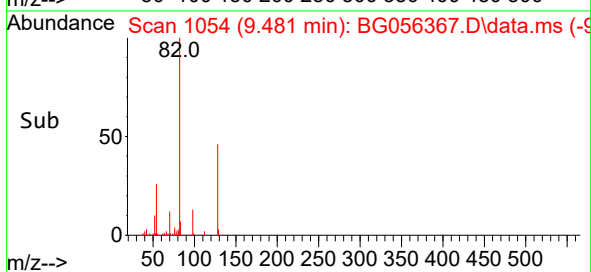
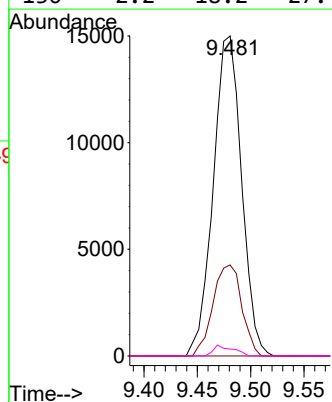
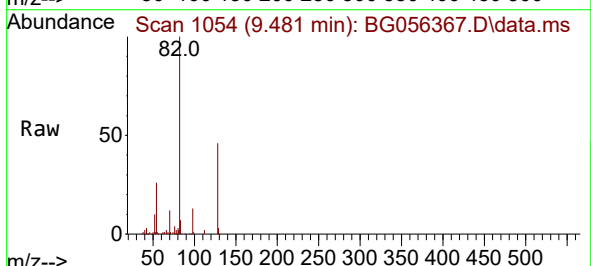
Instrument :
BNA_G
ClientSampleId :
TP-G

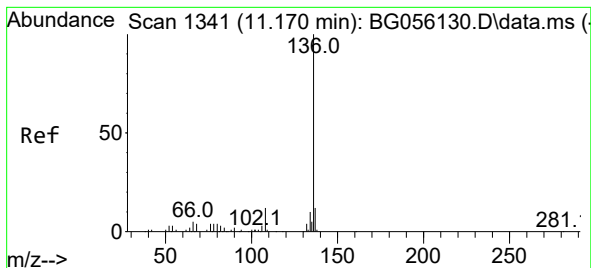
Tgt Ion: 99 Resp: 353951
Ion Ratio Lower Upper
99 100
42 7.1 5.9 8.9
71 30.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.948 ng
RT: 9.481 min Scan# 1054
Delta R.T. 0.370 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion: 70 Resp: 27673
Ion Ratio Lower Upper
70 100
42 28.4 18.2 27.2#
101 0.0 8.3 12.5#
130 2.2 18.2 27.4#

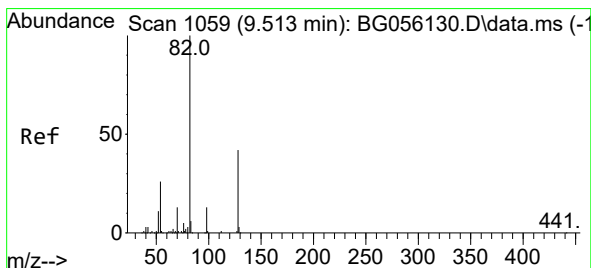
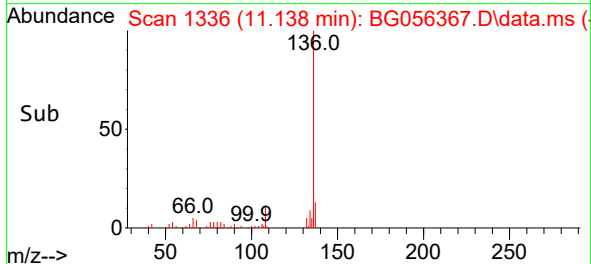
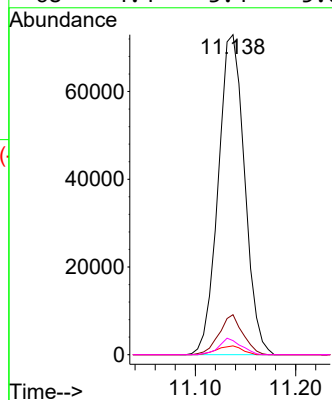
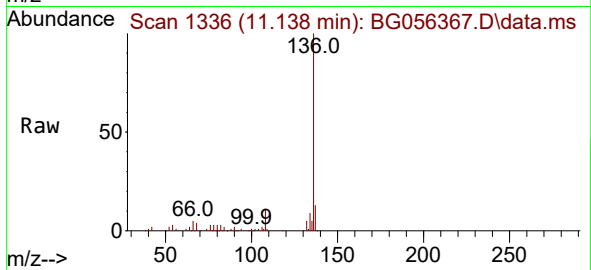




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

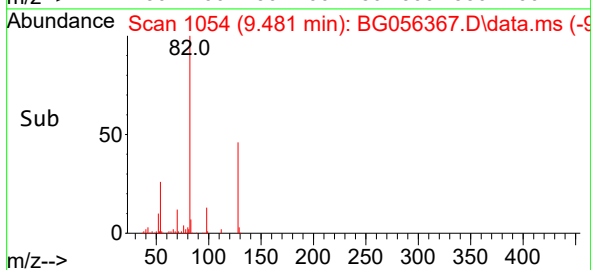
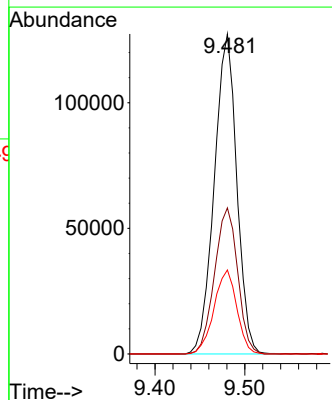
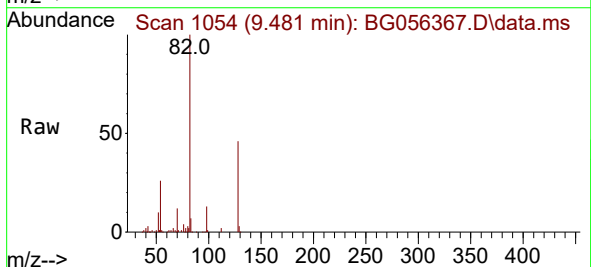
Instrument :
BNA_G
ClientSampleId :
TP-G

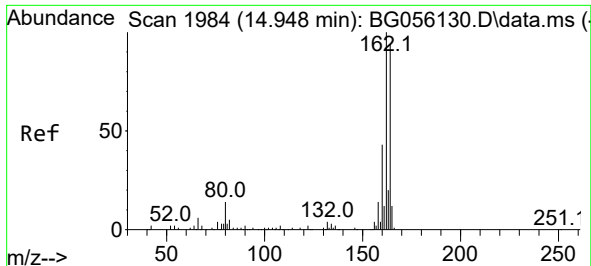
Tgt Ion:136	Resp:	133031	
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	2.7	2.2	3.2
68	4.4	3.4	5.0



#23
Nitrobenzene-d5
Concen: 85.194 ng
RT: 9.481 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion: 82	Resp: 221567
Ion Ratio	Lower Upper
82 100	
128 45.6	33.4 50.2
54 26.3	20.3 30.5

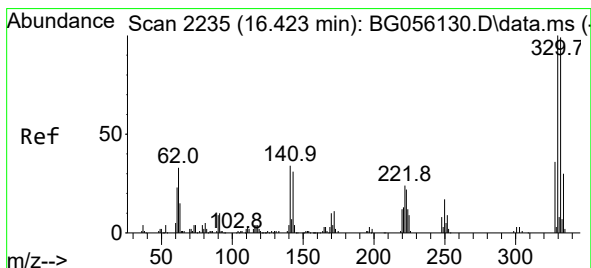
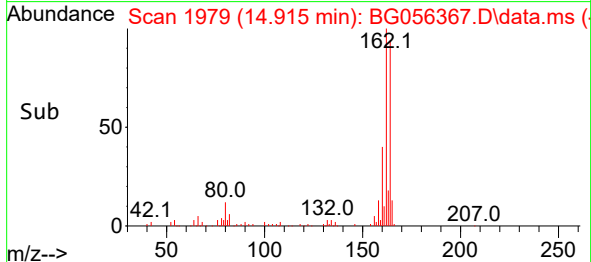
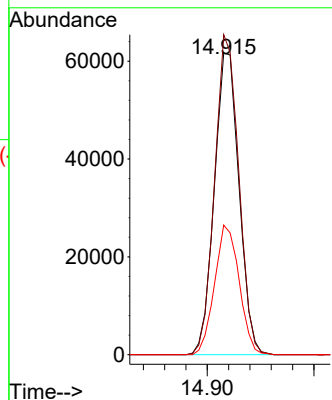
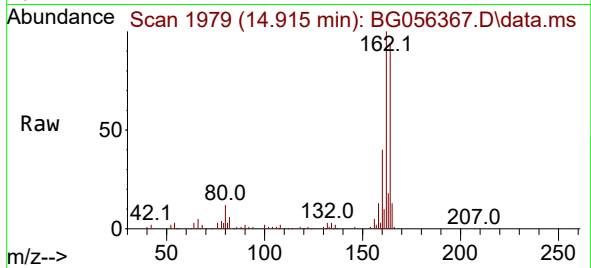




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

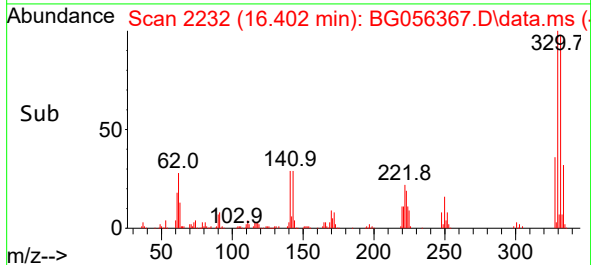
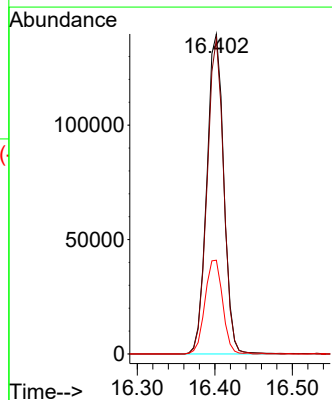
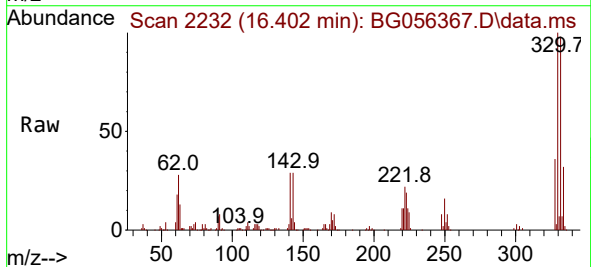
Instrument :
BNA_G
ClientSampleId :
TP-G

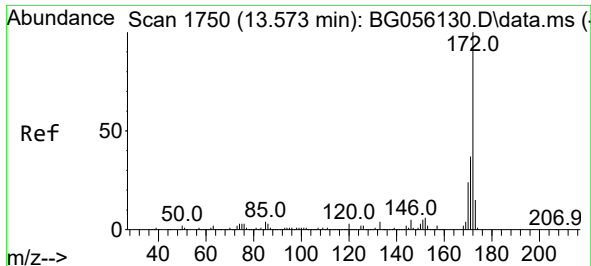
Tgt Ion:164 Resp: 99136
Ion Ratio Lower Upper
164 100
162 106.1 84.7 127.1
160 42.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 169.130 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion:330 Resp: 212350
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.5 27.9 41.9

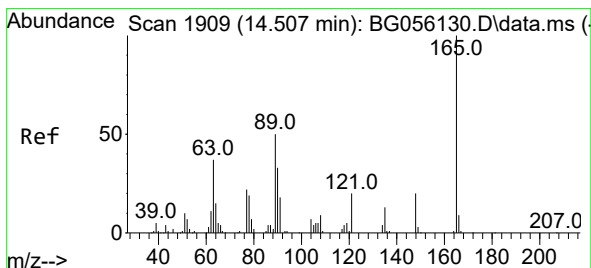
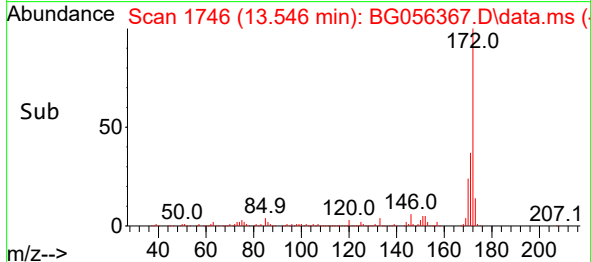
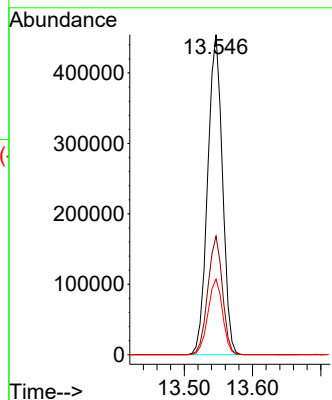
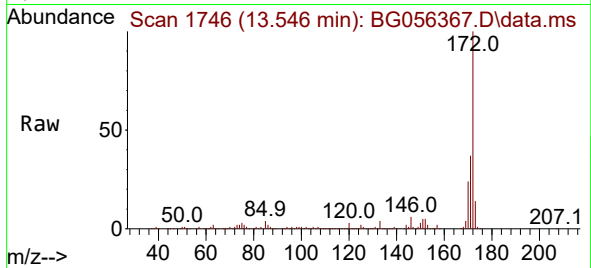




#45
2-Fluorobiphenyl
Concen: 95.355 ng
RT: 13.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

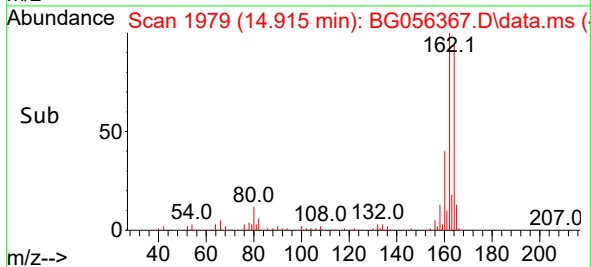
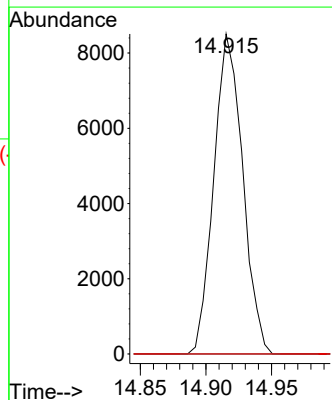
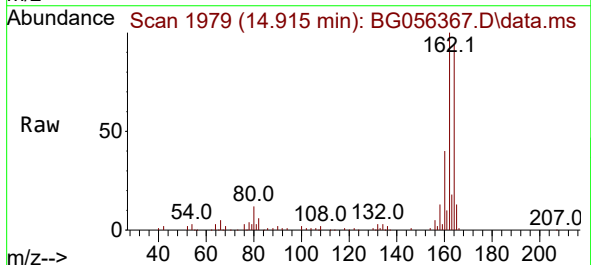
Instrument :
BNA_G
ClientSampleId :
TP-G

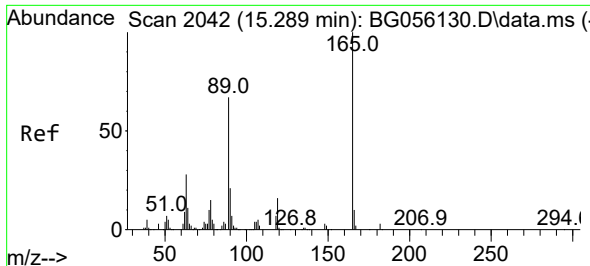
Tgt Ion:172 Resp: 684565
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.6 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.429 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion:165 Resp: 13011
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.456 ng

RT: 14.915 min Scan# 14

Delta R.T. -0.359 min

Lab File: BG056367.D

Acq: 20 Jan 2023 14:34

Instrument :

BNA_G

ClientSampleId :

TP-G

Tgt Ion:165 Resp: 13011

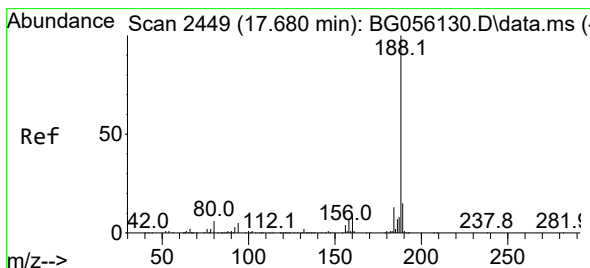
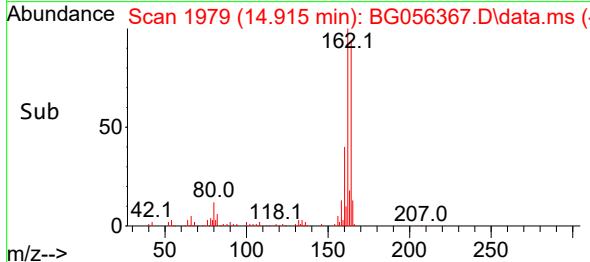
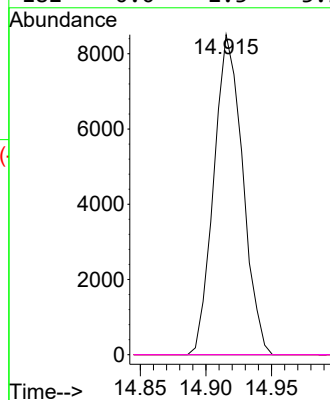
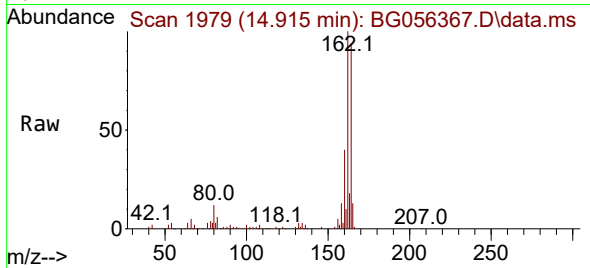
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.653 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BG056367.D

Acq: 20 Jan 2023 14:34

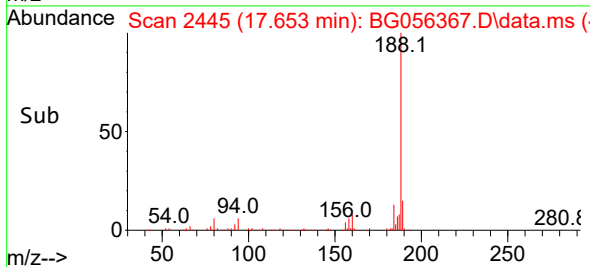
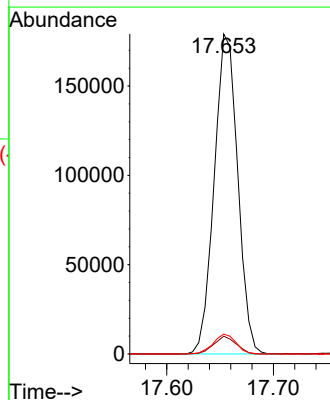
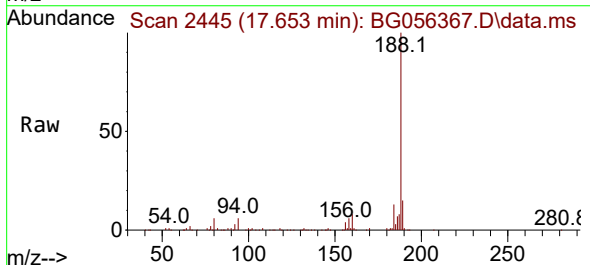
Tgt Ion:188 Resp: 274397

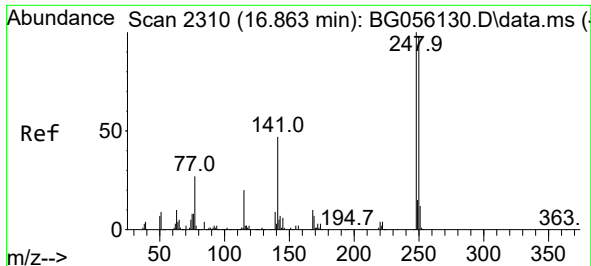
Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

80 6.2 5.0 7.4

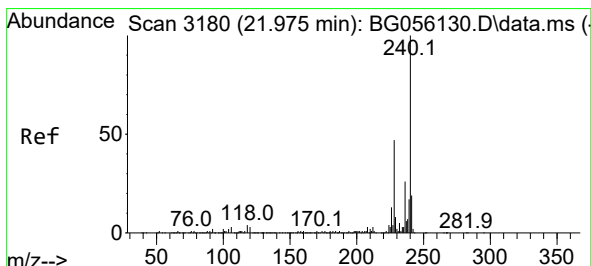
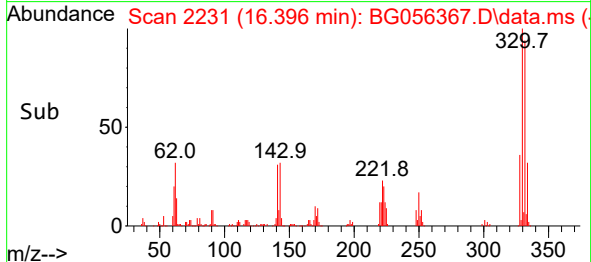
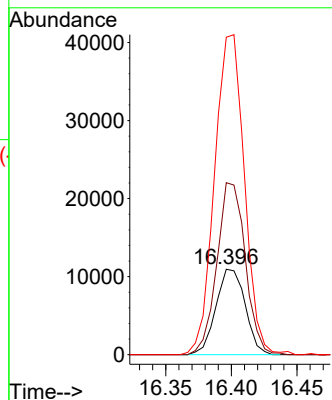
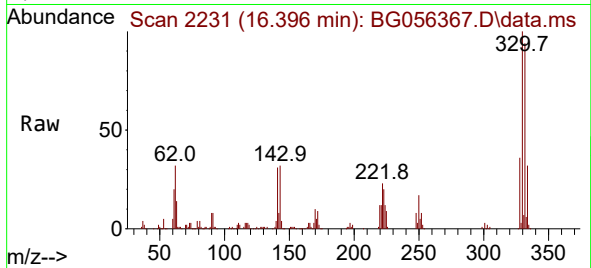




#67
4-Bromophenyl-phenylether
Concen: 4.858 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

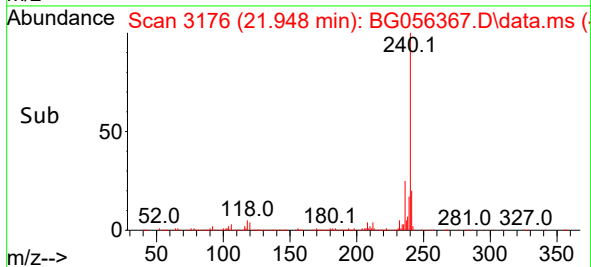
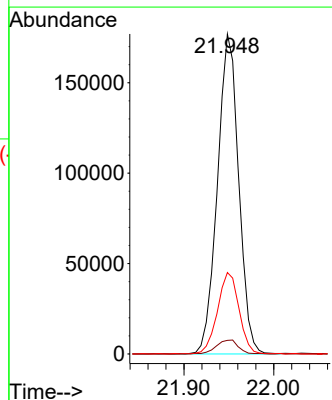
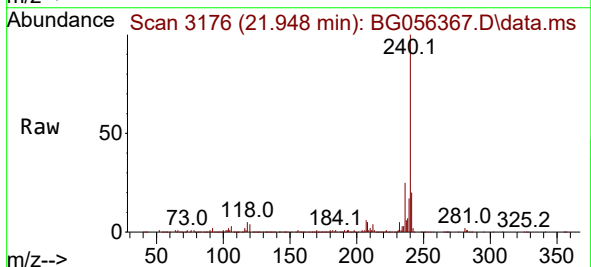
Instrument :
BNA_G
ClientSampleId :
TP-G

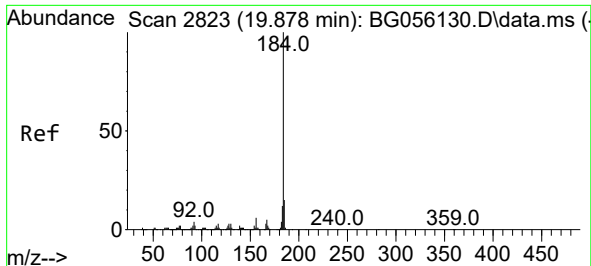
Tgt Ion:248 Resp: 16976
Ion Ratio Lower Upper
248 100
250 201.5 78.2 117.4#
141 371.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion:240 Resp: 290753
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.5 20.8 31.2

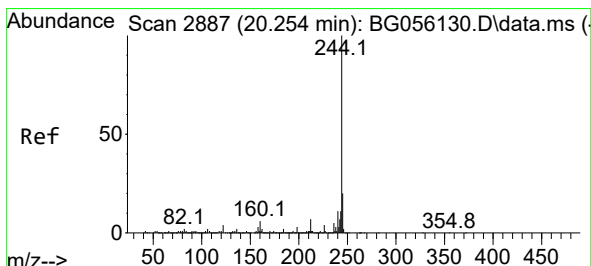
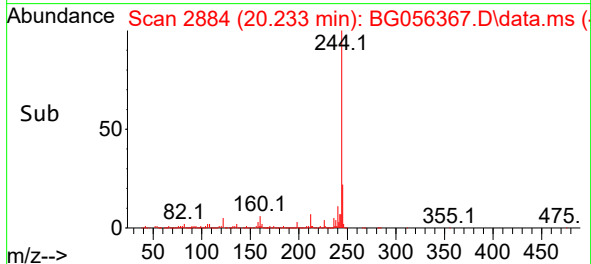
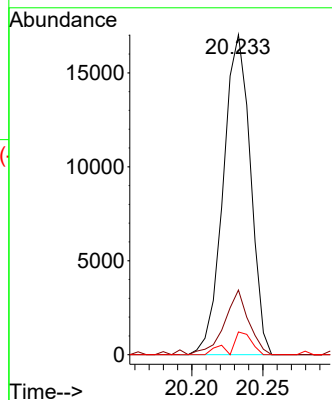
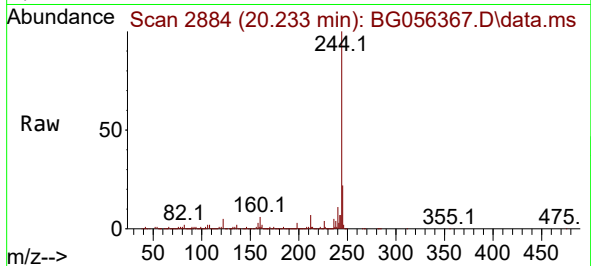




#77
Benzidine
Concen: 2.220 ng
RT: 20.233 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

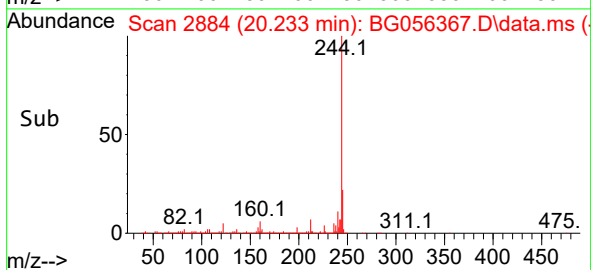
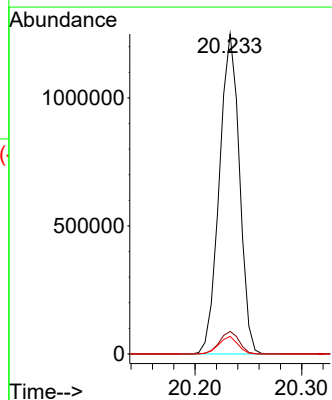
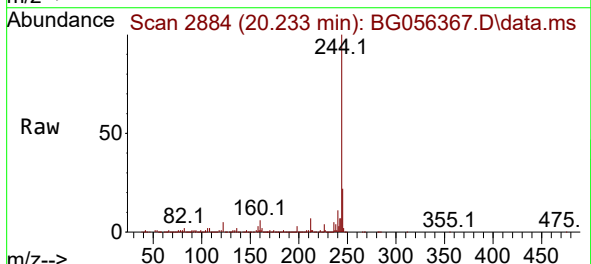
Instrument :
BNA_G
ClientSampleId :
TP-G

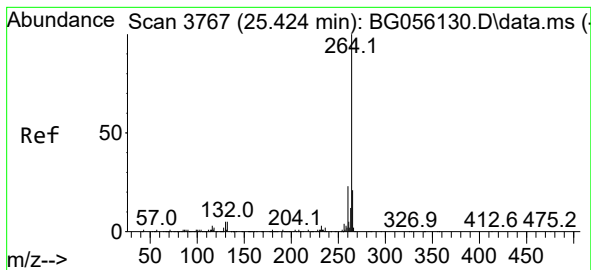
Tgt Ion:184 Resp: 22623
Ion Ratio Lower Upper
184 100
185 20.2 12.2 18.2#
183 7.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 100.671 ng
RT: 20.233 min Scan# 2884
Delta R.T. -0.000 min
Lab File: BG056367.D
Acq: 20 Jan 2023 14:34

Tgt Ion:244 Resp: 1634255
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 5.5 3.5 5.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.391 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG056367.D
 Acq: 20 Jan 2023 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Tgt Ion:264 Resp: 158350
 Ion Ratio Lower Upper
 264 100
 260 26.2 18.6 28.0
 265 19.9 16.7 25.1

