

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056392.D
 Acq On : 23 Jan 2023 20:31
 Operator : CG/JU
 Sample : 01233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-38A

Quant Time: Jan 24 01:24:30 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)

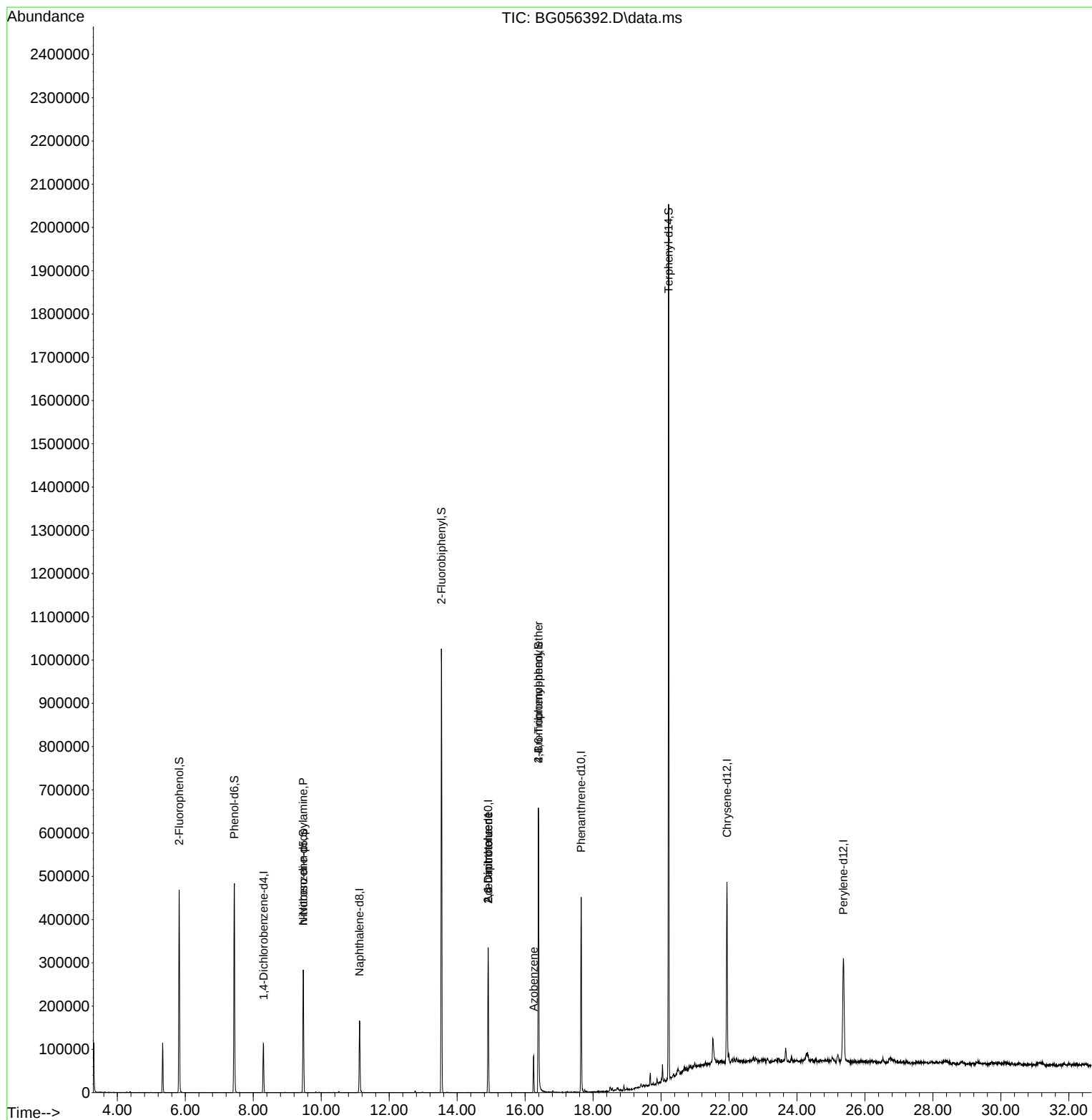
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	36838	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	157784	20.000	ng	#-0.01
39) Acenaphthene-d10	14.910	164	127381	20.000	ng	-0.01
64) Phenanthrene-d10	17.648	188	312833	20.000	ng	-0.01
76) Chrysene-d12	21.937	240	275682	20.000	ng	#-0.02
86) Perylene-d12	25.362	264	296075	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	277598	134.549	ng	0.00
7) Phenol-d6	7.442	99	377847	119.253	ng	0.00
23) Nitrobenzene-d5	9.469	82	196839	63.813	ng	-0.02
42) 2,4,6-Tribromophenol	16.390	330	151963	94.196	ng	-0.01
45) 2-Fluorobiphenyl	13.535	172	607932	65.904	ng	-0.01
79) Terphenyl-d14	20.221	244	1095384	71.165	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.469	70	24335	12.630	ng	# 76
51) 2,6-Dinitrotoluene	14.910	165	16511	7.535	ng	# 31
57) 2,4-Dinitrotoluene	14.910	165	16511	5.388	ng	# 28
63) Azobenzene	16.249	77	22787	3.062	ng	# 1
67) 4-Bromophenyl-phenylether	16.390	248	11594	2.910	ng	# 1

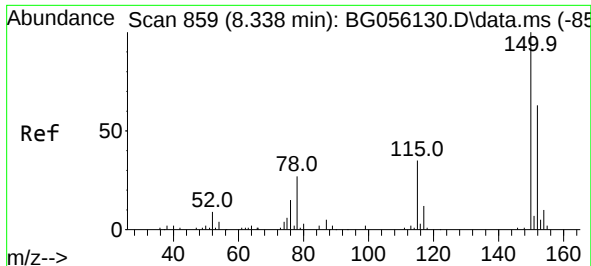
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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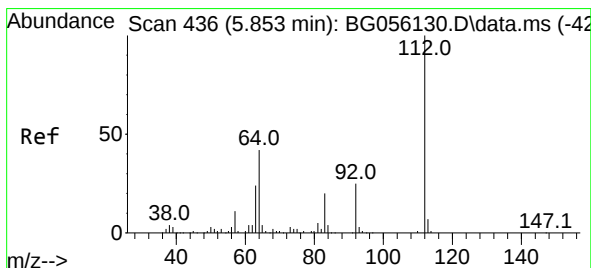
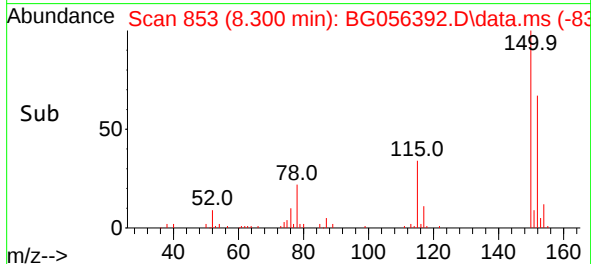
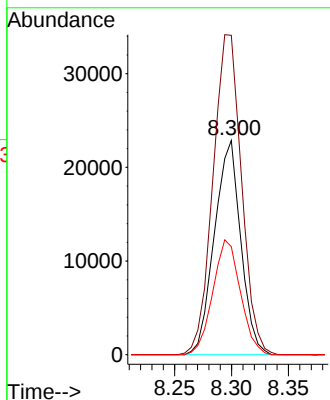
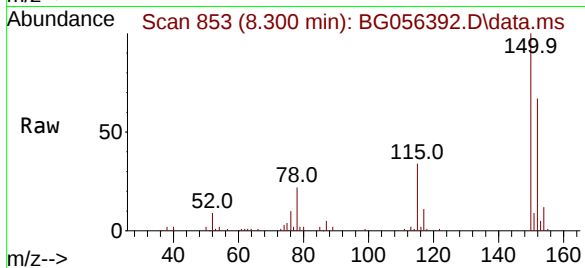




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

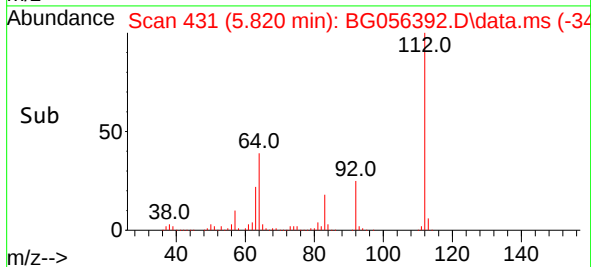
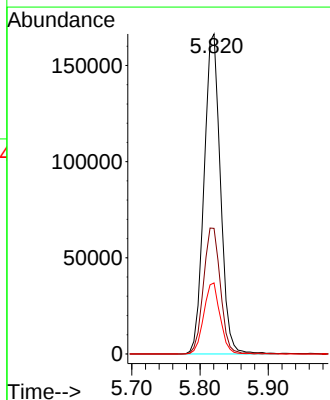
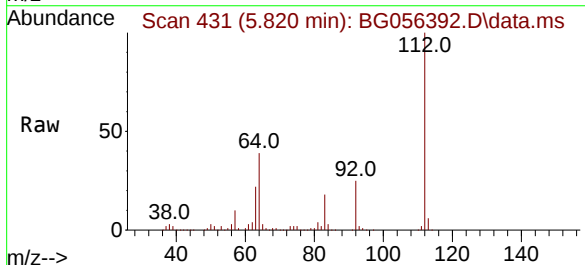
Instrument :
BNA_G
ClientSampleId :
B-38A

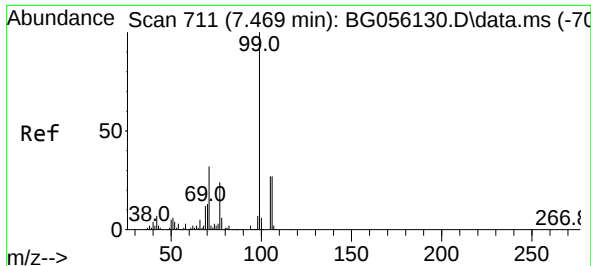
Tgt Ion:152 Resp: 36838
Ion Ratio Lower Upper
152 100
150 149.0 127.9 191.9
115 50.4 44.2 66.2



#5
2-Fluorophenol
Concen: 134.549 ng
RT: 5.820 min Scan# 431
Delta R.T. -0.006 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

Tgt Ion:112 Resp: 277598
Ion Ratio Lower Upper
112 100
64 39.3 33.3 49.9
63 22.2 19.0 28.4

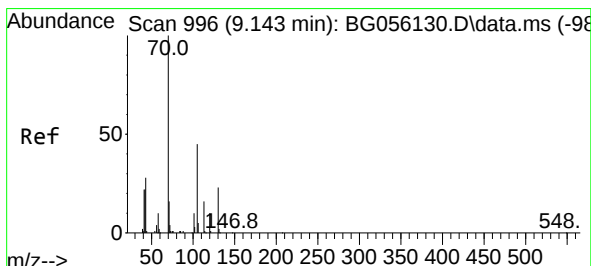
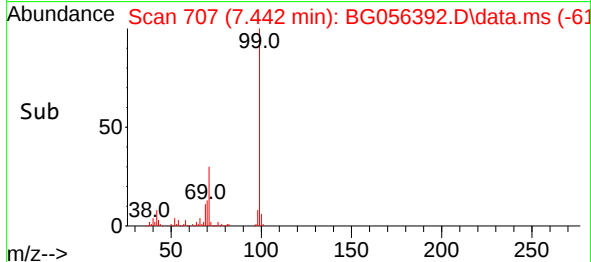
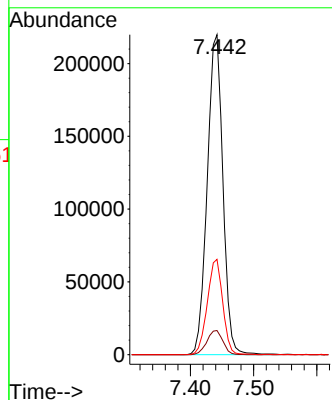
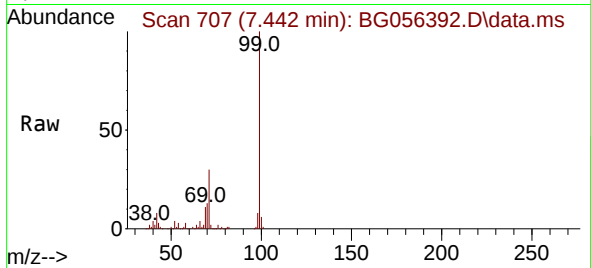




#7
Phenol-d6
Concen: 119.253 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

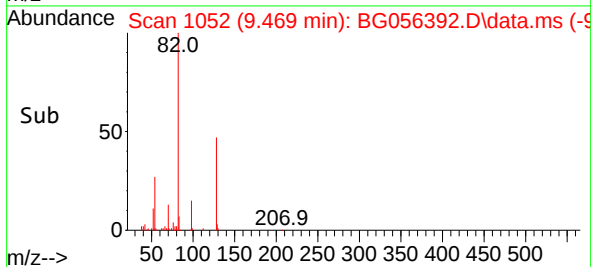
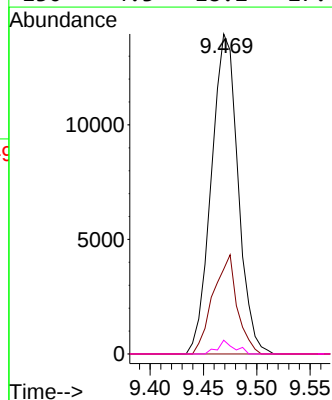
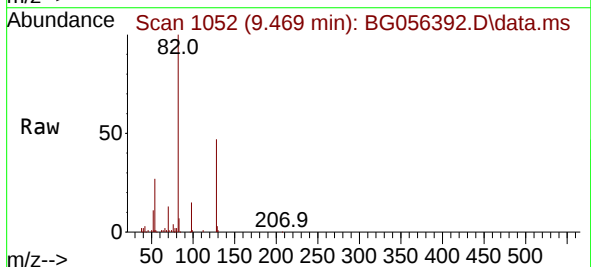
Instrument :
BNA_G
ClientSampleId :
B-38A

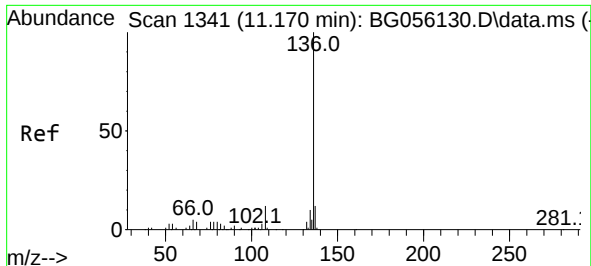
Tgt Ion: 99 Resp: 377847
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.630 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.358 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

Tgt Ion: 70 Resp: 24335
Ion Ratio Lower Upper
70 100
42 26.5 18.2 27.2
101 0.0 8.3 12.5#
130 4.3 18.2 27.4#

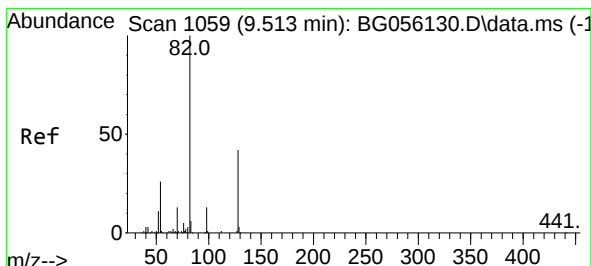
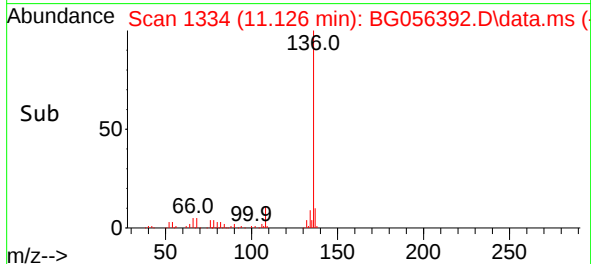
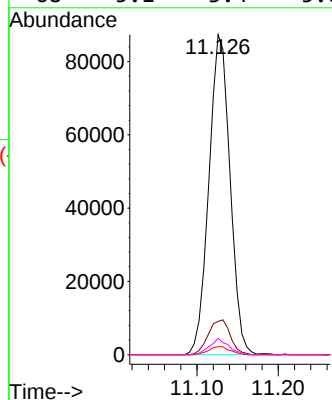
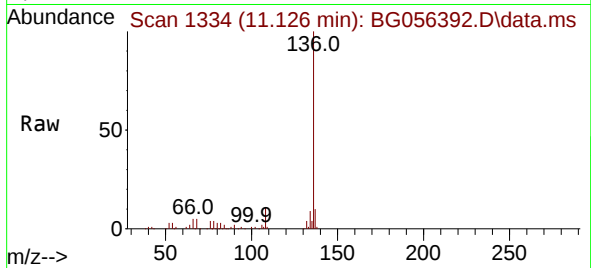




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

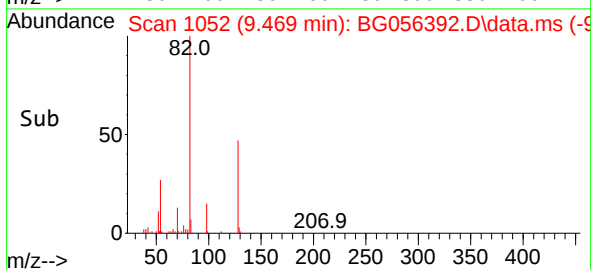
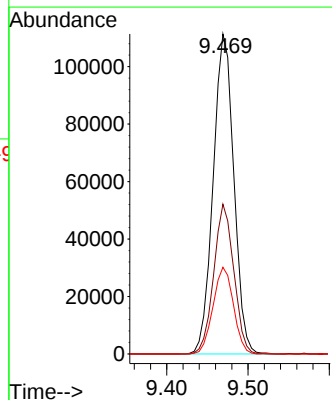
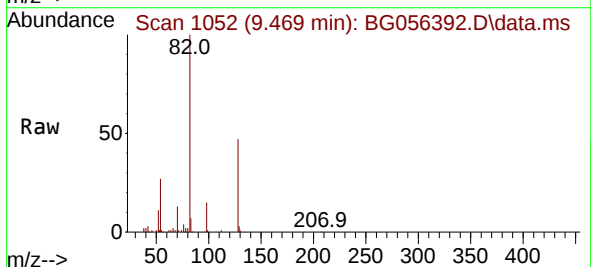
Instrument :
BNA_G
ClientSampleId :
B-38A

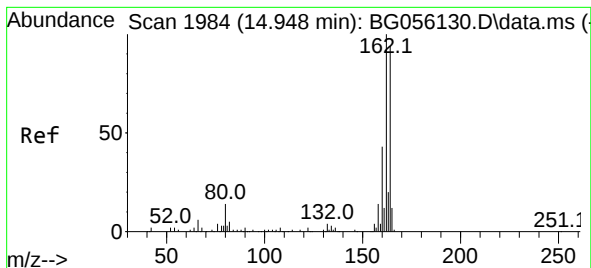
Tgt Ion:136 Resp: 157784
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 2.5 2.2 3.2
68 5.1 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 63.813 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.018 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

Tgt Ion: 82 Resp: 196839
Ion Ratio Lower Upper
82 100
128 46.8 33.4 50.2
54 27.1 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1984

Delta R.T. -0.012 min

Lab File: BG056392.D

Acq: 23 Jan 2023 20:31

Instrument :

BNA_G

ClientSampleId :

B-38A

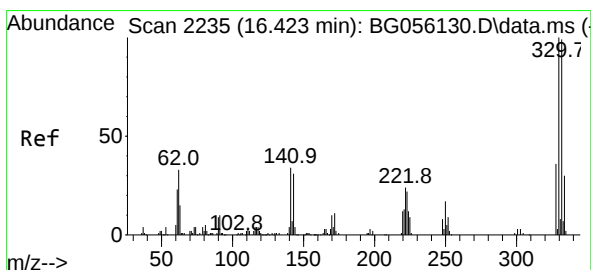
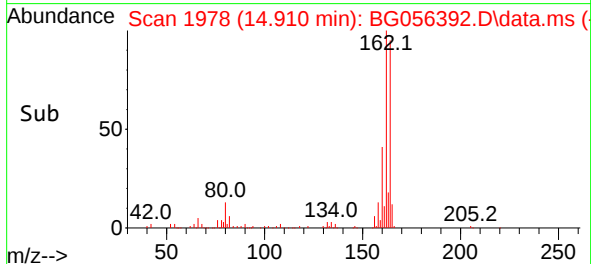
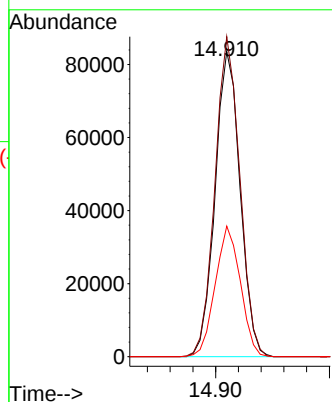
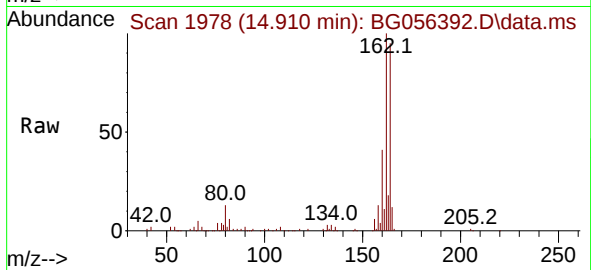
Tgt Ion:164 Resp: 127381

Ion Ratio Lower Upper

164 100

162 104.9 84.7 127.1

160 42.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 94.196 ng

RT: 16.390 min Scan# 2230

Delta R.T. -0.012 min

Lab File: BG056392.D

Acq: 23 Jan 2023 20:31

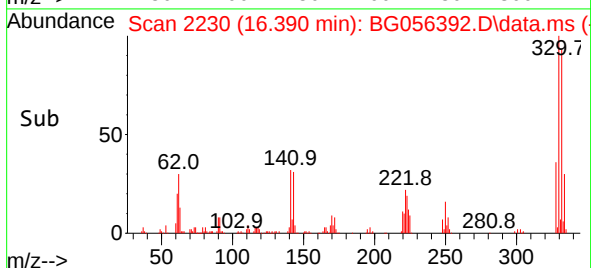
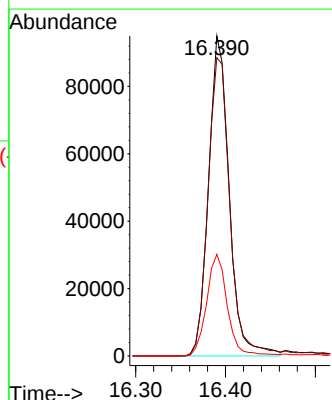
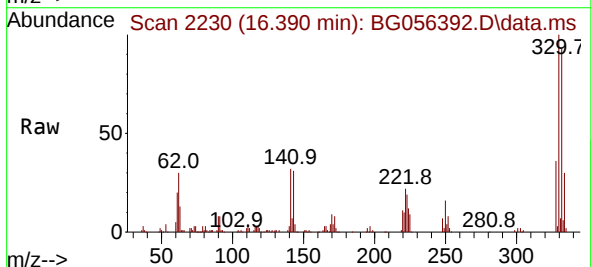
Tgt Ion:330 Resp: 151963

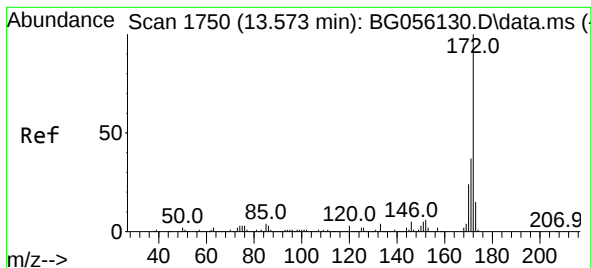
Ion Ratio Lower Upper

330 100

332 100.2 77.3 115.9

141 32.1 27.9 41.9

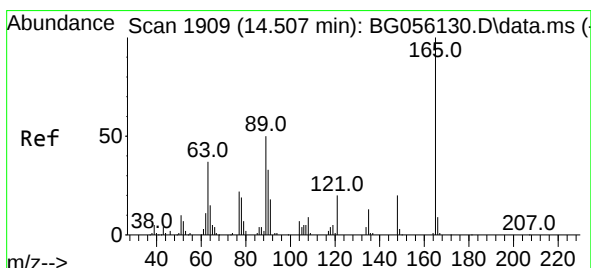
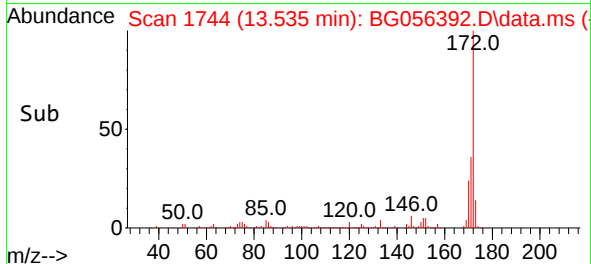
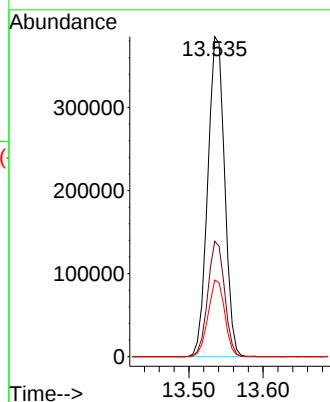
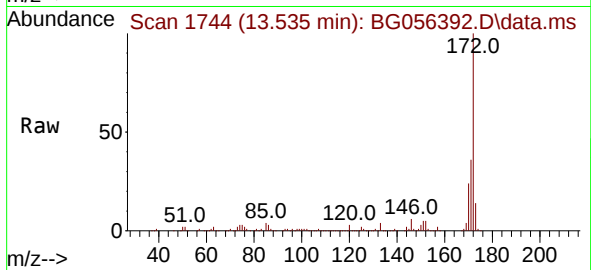




#45
2-Fluorobiphenyl
Concen: 65.904 ng
RT: 13.535 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

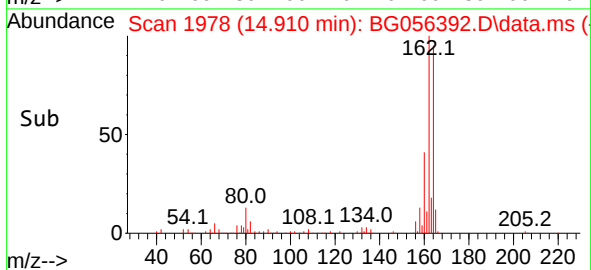
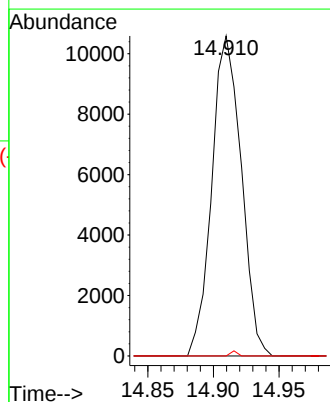
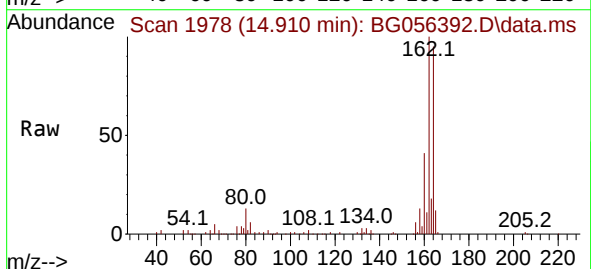
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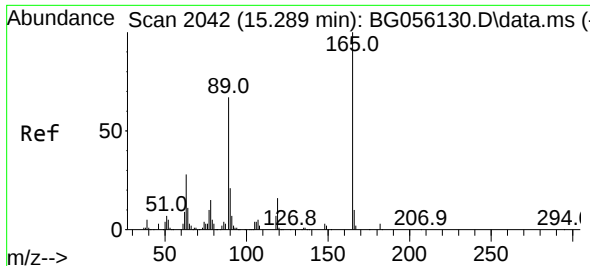
Tgt Ion:172 Resp: 607932
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.535 ng
RT: 14.910 min Scan# 1978
Delta R.T. 0.423 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

Tgt Ion:165 Resp: 16511
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

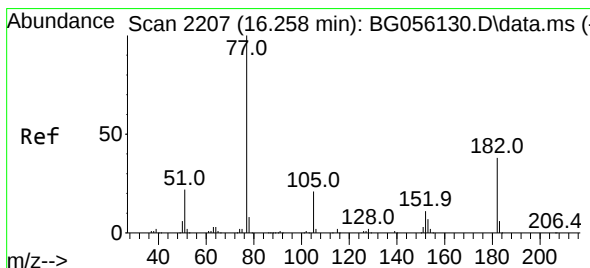
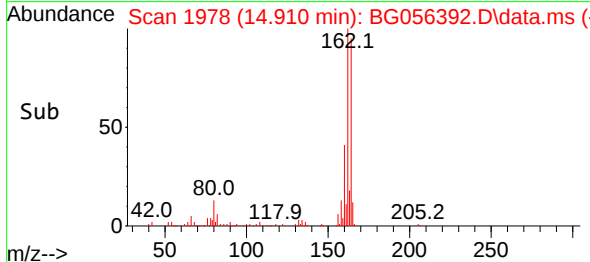
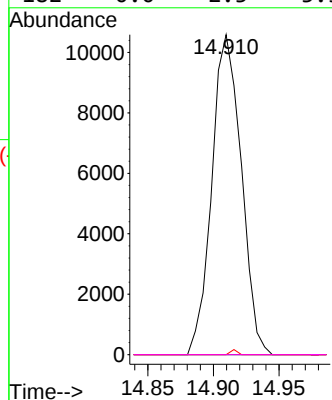
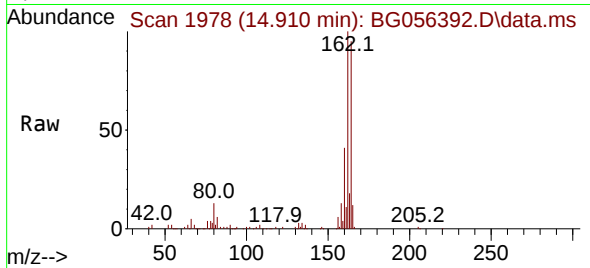




#57
2,4-Dinitrotoluene
Concen: 5.388 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.365 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

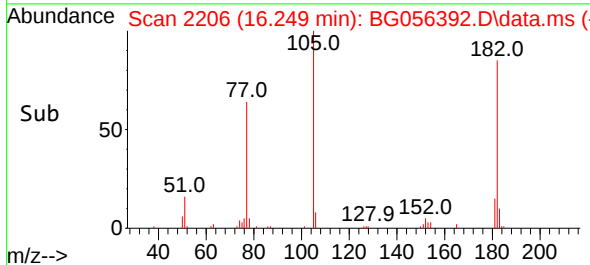
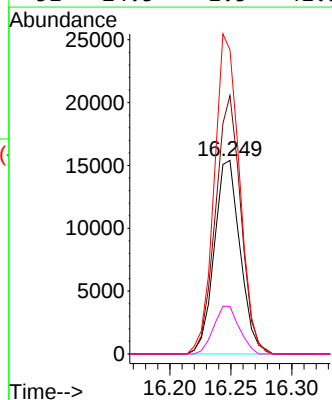
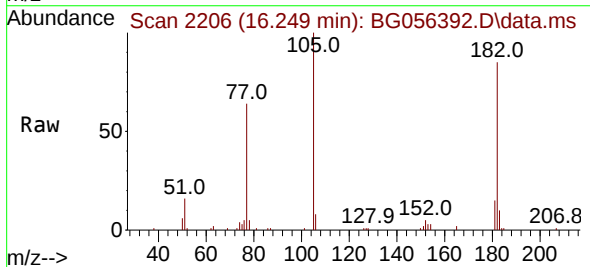
Instrument :
BNA_G
ClientSampleId :
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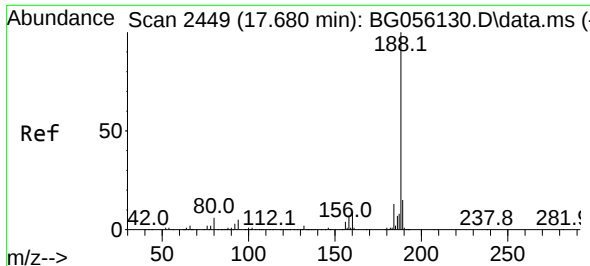
Tgt Ion:165 Resp: 16511
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 3.062 ng
RT: 16.249 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

Tgt Ion: 77 Resp: 22787
Ion Ratio Lower Upper
77 100
182 133.5 18.5 58.5#
105 157.1 1.4 41.4#
51 24.5 1.5 41.5

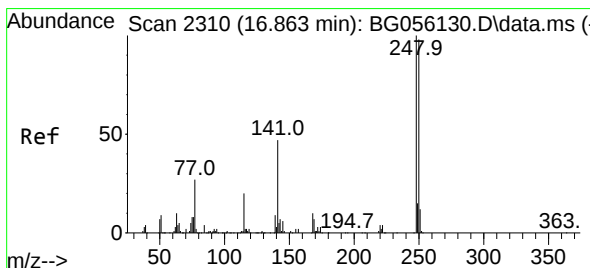
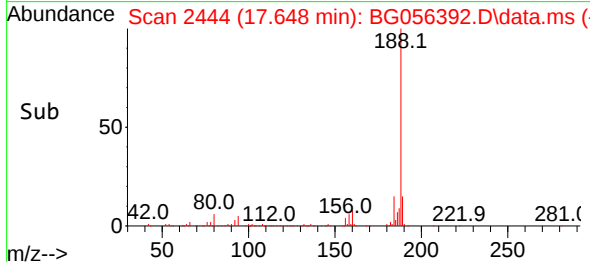
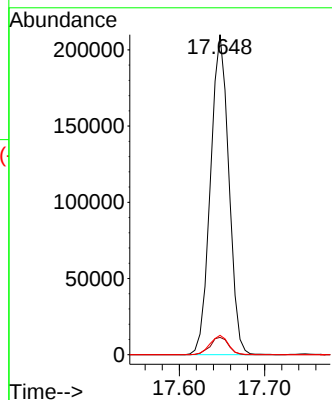
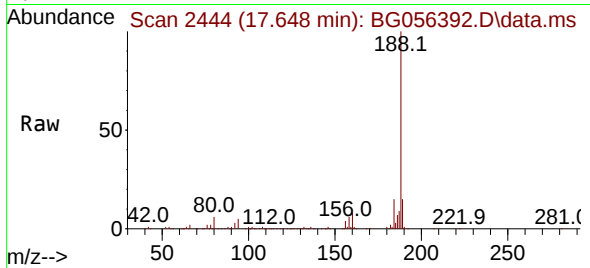




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

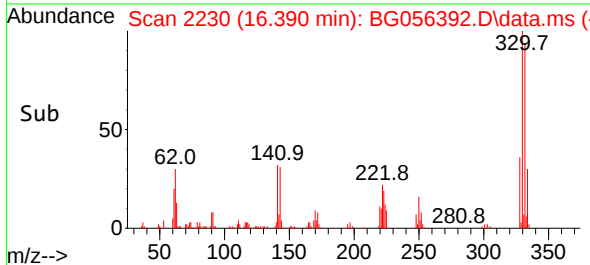
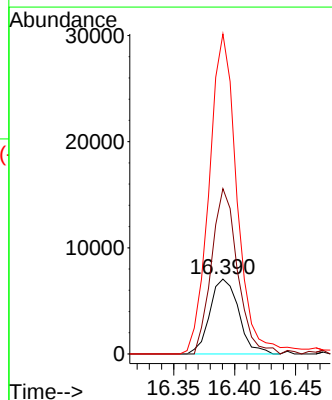
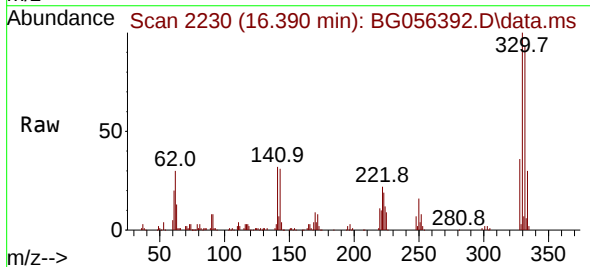
Instrument :
BNA_G
ClientSampleId :
B-38A

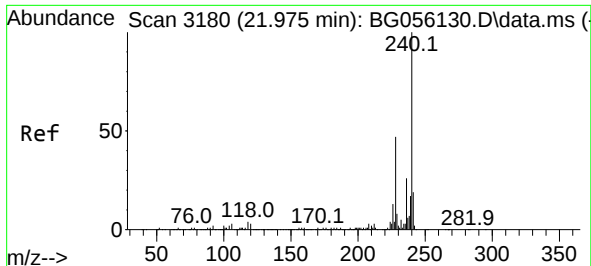
Tgt Ion:188 Resp: 312833
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.1 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 2.910 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.447 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

Tgt Ion:248 Resp: 11594
Ion Ratio Lower Upper
248 100
250 220.7 78.2 117.4#
141 427.3 37.6 56.4#

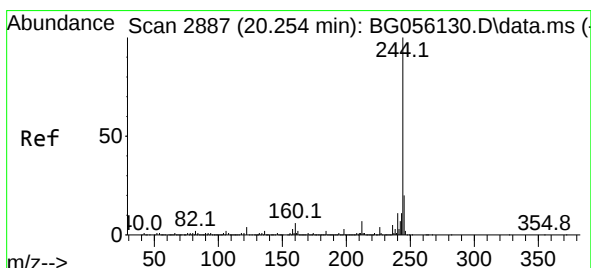
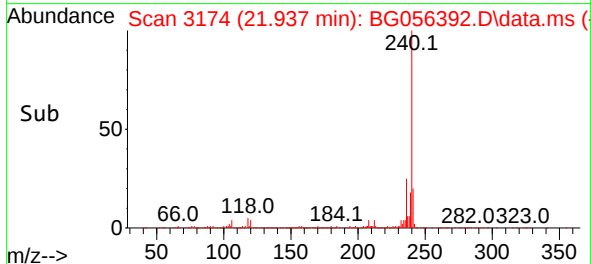
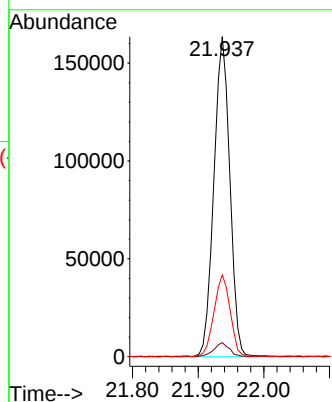
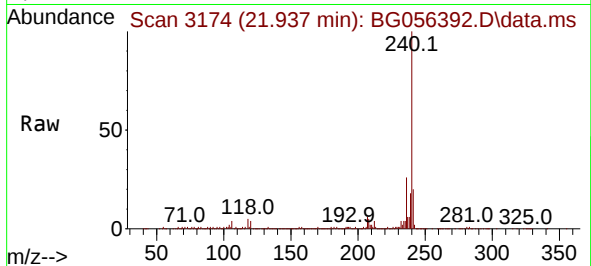




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3180
Delta R.T. -0.018 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

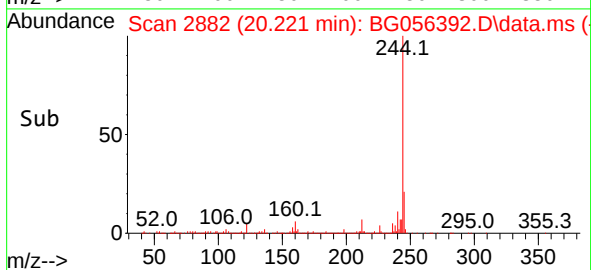
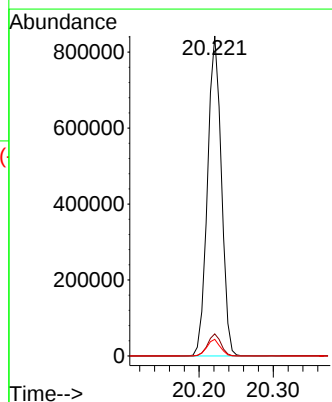
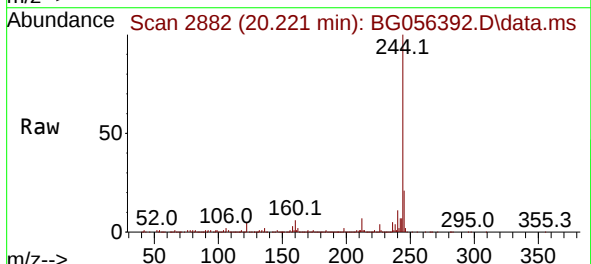
Instrument :
BNA_G
ClientSampleId :
B-38A

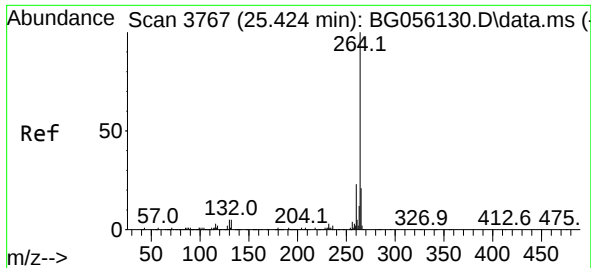
Tgt Ion:240 Resp: 275682
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 71.165 ng
RT: 20.221 min Scan# 2882
Delta R.T. -0.012 min
Lab File: BG056392.D
Acq: 23 Jan 2023 20:31

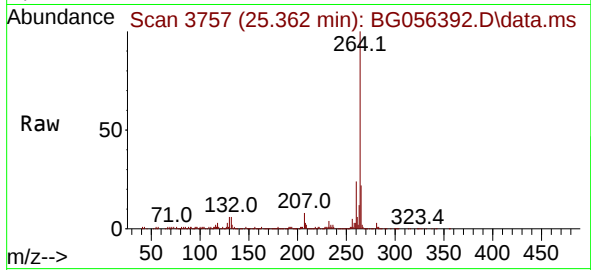
Tgt Ion:244 Resp: 1095384
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.362 min Scan# 31
 Delta R.T. -0.030 min
 Lab File: BG056392.D
 Acq: 23 Jan 2023 20:31

Instrument :
 BNA_G
 ClientSampleId :
 B-38A



Tgt Ion:264 Resp: 296075

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.0	16.7	25.1

