

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056270.D
 Acq On : 12 Jan 2023 15:56
 Operator : CG/JU
 Sample : 01106-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Jan 13 04:26:53 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 12 03:38:40 2023
 Response via : Initial Calibration

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

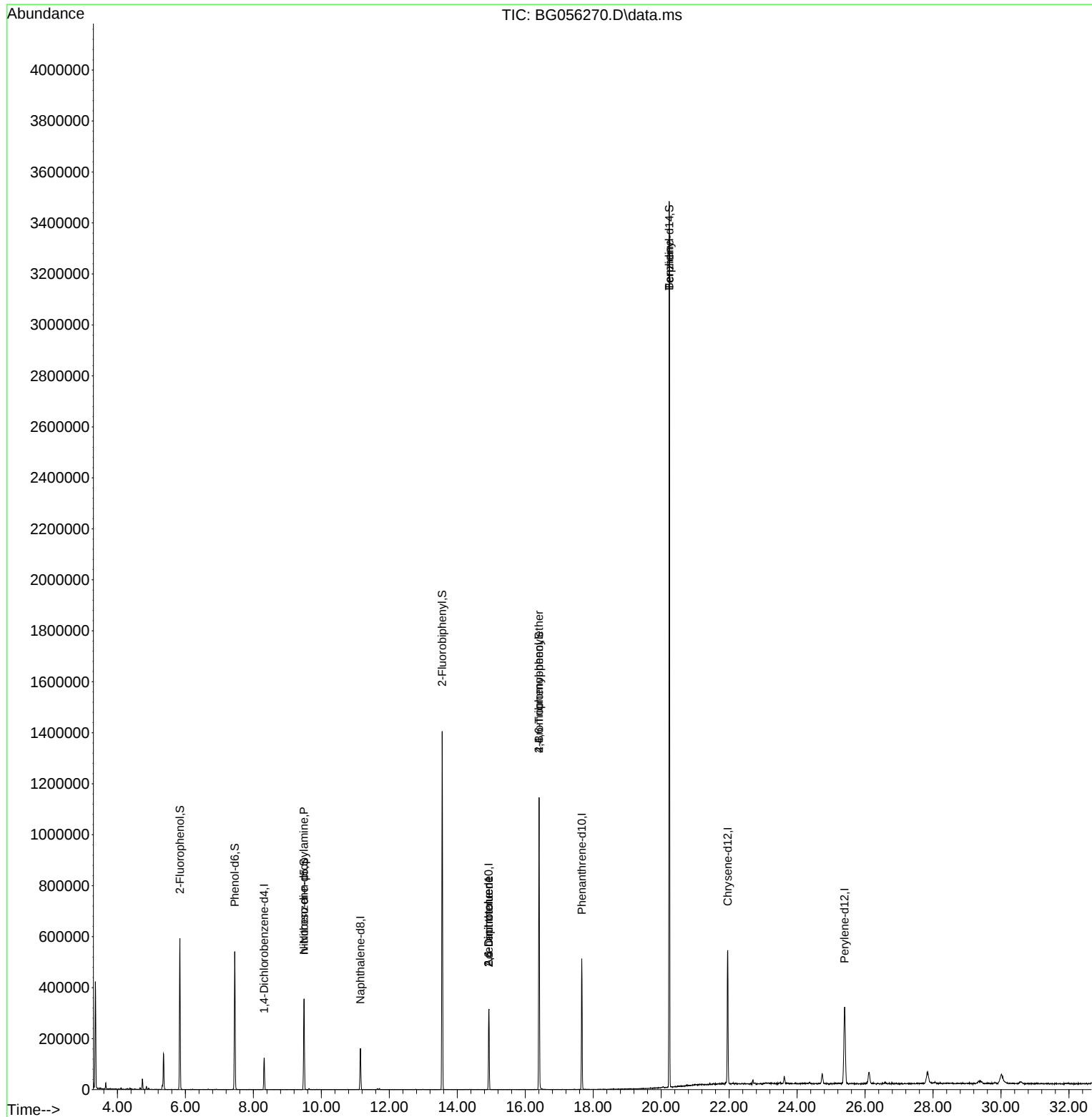
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.316	152	41015	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	150013	20.000	ng	0.00
39) Acenaphthene-d10	14.926	164	126558	20.000	ng	0.00
64) Phenanthrene-d10	17.664	188	354280	20.000	ng	0.00
76) Chrysene-d12	21.959	240	362520	20.000	ng	# 0.00
86) Perylene-d12	25.396	264	387782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	317359	138.155	ng	0.01
7) Phenol-d6	7.452	99	410387	116.332	ng	0.00
23) Nitrobenzene-d5	9.491	82	255108	86.987	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	240609	150.114	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	806673	88.018	ng	0.00
79) Terphenyl-d14	20.237	244	1875382	92.654	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.491	70	30901	14.405	ng	# 75
51) 2,6-Dinitrotoluene	14.926	165	16551	7.603	ng	# 31
57) 2,4-Dinitrotoluene	14.926	165	16551	5.436	ng	# 28
67) 4-Bromophenyl-phenylether	16.407	248	20057	4.446	ng	# 1
77) Benzidine	20.237	184	26413	2.079	ng	# 91

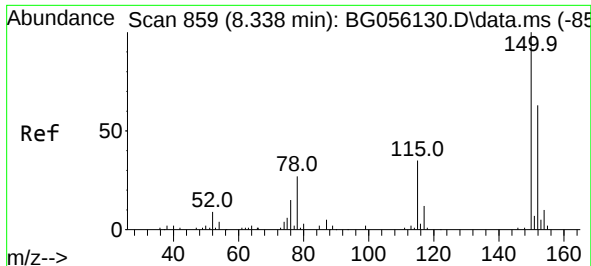
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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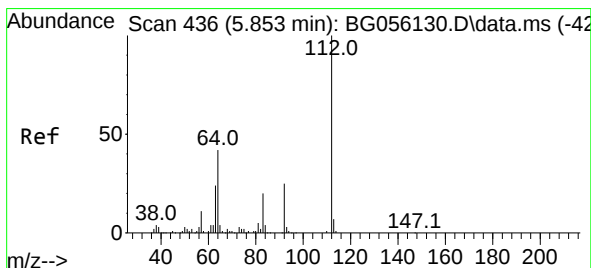
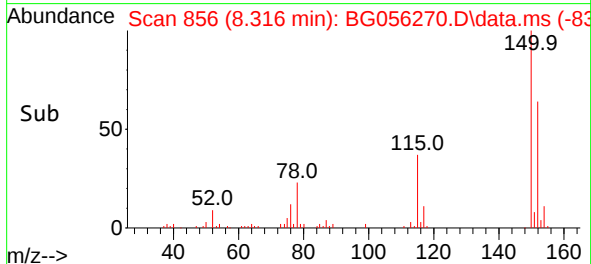
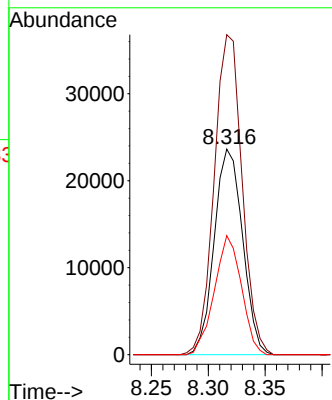
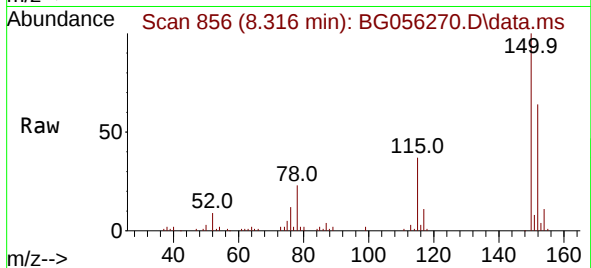




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.316 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG056270.D
 Acq: 12 Jan 2023 15:56

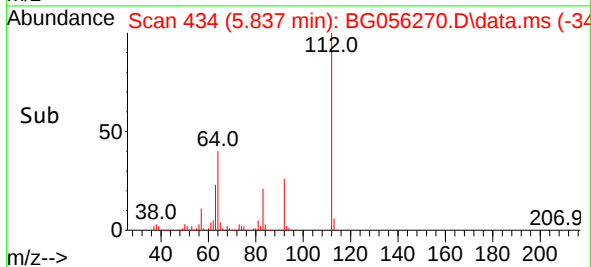
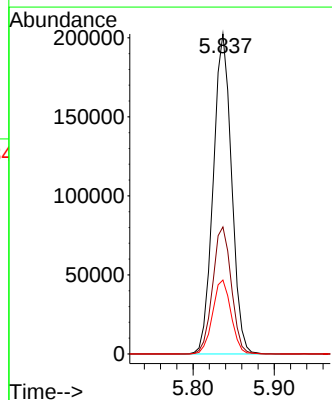
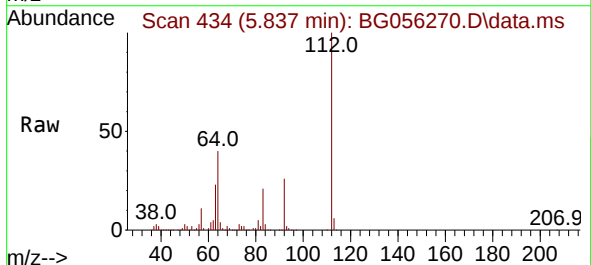
Instrument :
 BNA_G
 ClientSampleId :
 TP-B

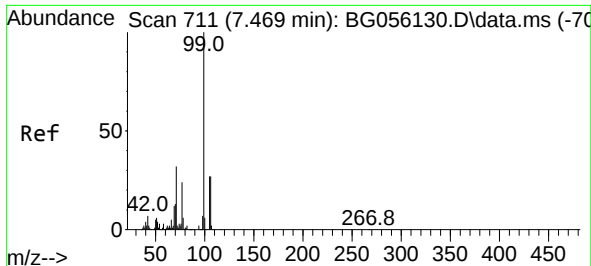
Tgt Ion:152 Resp: 41015
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.9 191.9
 115 57.9 44.2 66.2



#5
 2-Fluorophenol
 Concen: 138.155 ng
 RT: 5.837 min Scan# 434
 Delta R.T. 0.011 min
 Lab File: BG056270.D
 Acq: 12 Jan 2023 15:56

Tgt Ion:112 Resp: 317359
 Ion Ratio Lower Upper
 112 100
 64 39.7 33.3 49.9
 63 23.1 19.0 28.4

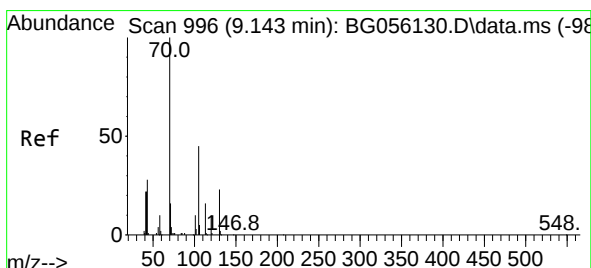
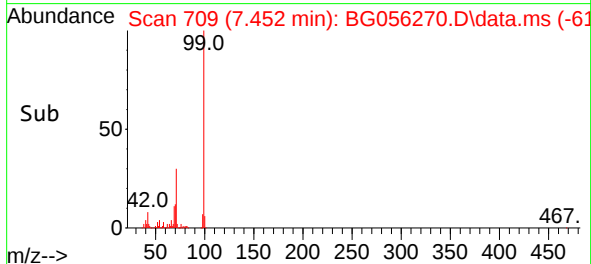
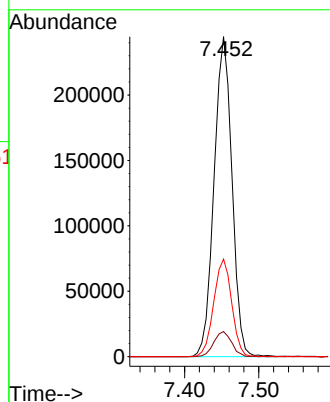
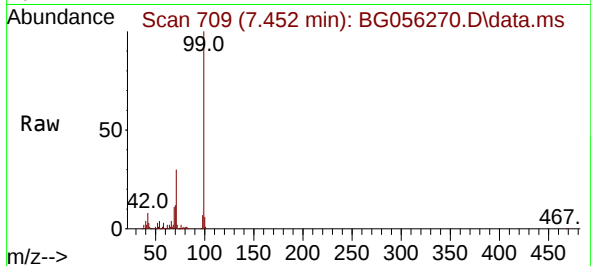




#7
Phenol-d6
Concen: 116.332 ng
RT: 7.452 min Scan# 70
Delta R.T. 0.005 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

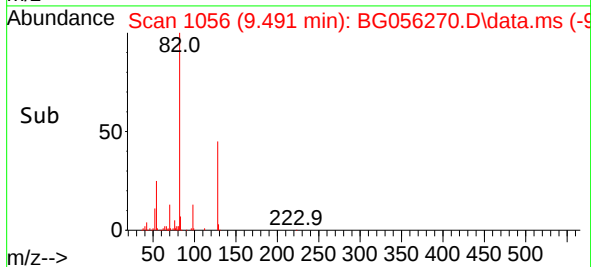
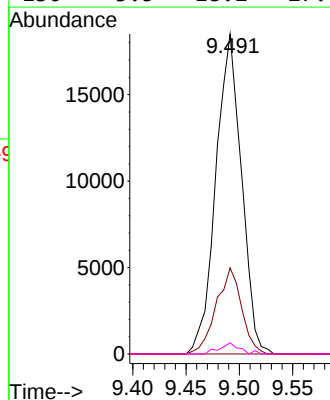
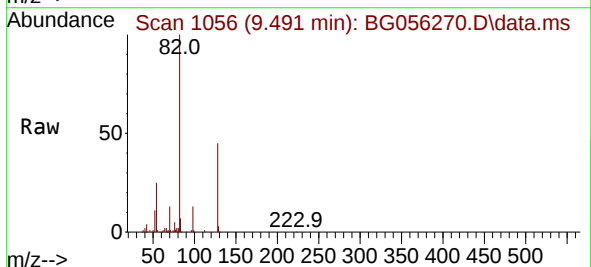
Instrument :
BNA_G
ClientSampleId :
TP-B

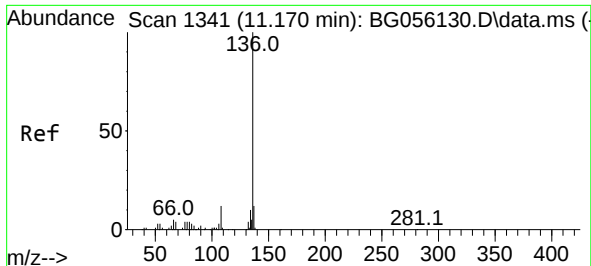
Tgt Ion: 99 Resp: 410387
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.405 ng
RT: 9.491 min Scan# 1056
Delta R.T. 0.375 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion: 70 Resp: 30901
Ion Ratio Lower Upper
70 100
42 26.9 18.2 27.2
101 0.0 8.3 12.5#
130 3.5 18.2 27.4#

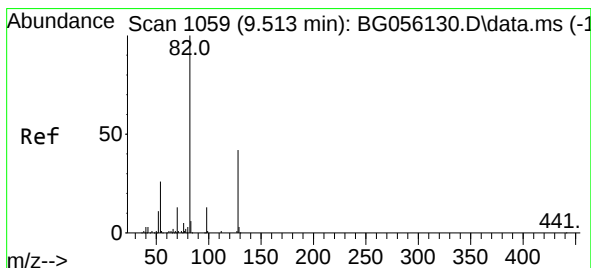
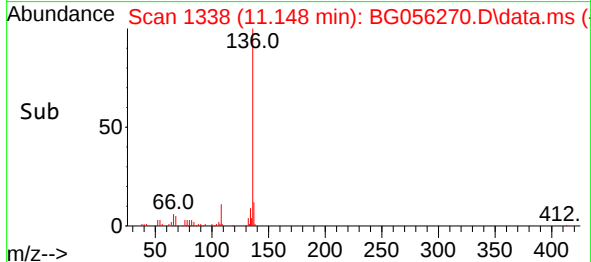
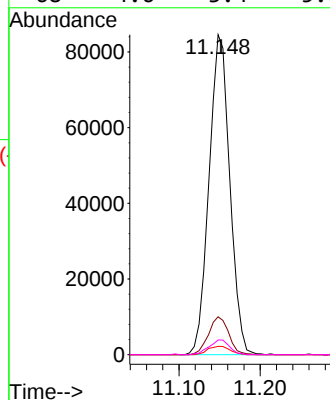
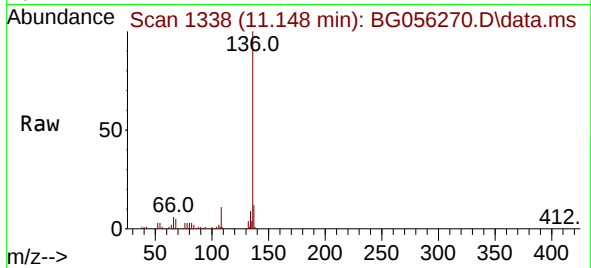




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.148 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

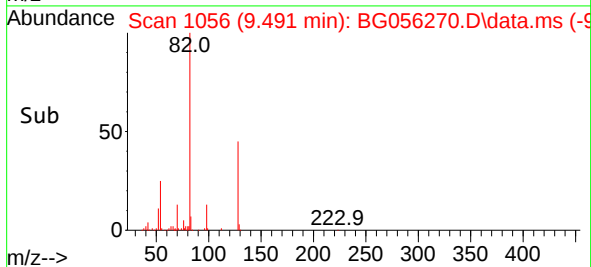
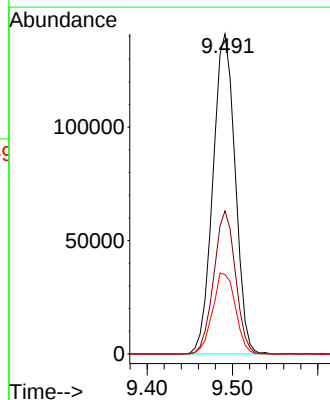
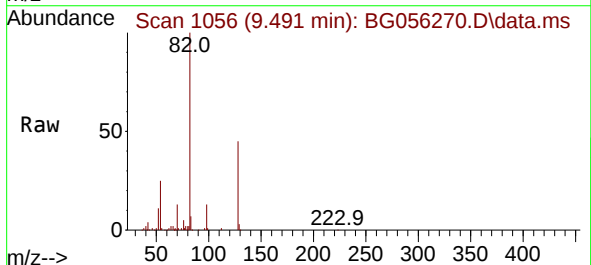
Instrument :
BNA_G
ClientSampleId :
TP-B

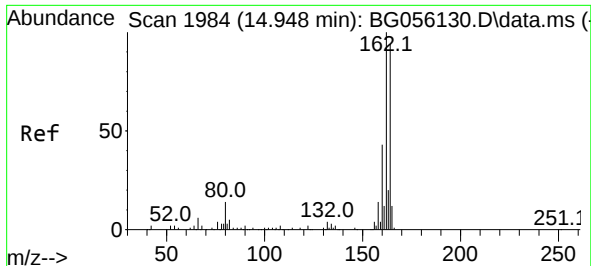
Tgt Ion:	136	Resp:	150013
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.4	14.0
54	2.6	2.2	3.2
68	4.6	3.4	5.0



#23
Nitrobenzene-d5
Concen: 86.987 ng
RT: 9.491 min Scan# 1056
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:	82	Resp:	255108
Ion Ratio	Lower	Upper	
82	100		
128	44.7	33.4	50.2
54	24.8	20.3	30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.926 min Scan# 1981

Delta R.T. -0.001 min

Lab File: BG056270.D

Acq: 12 Jan 2023 15:56

Instrument :

BNA_G

ClientSampleId :

TP-B

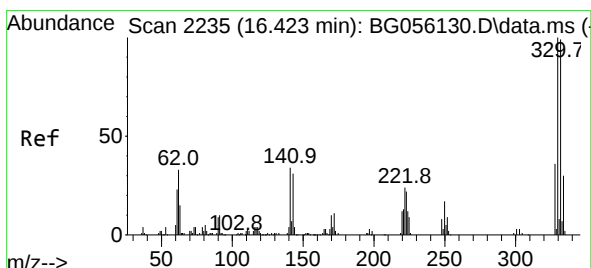
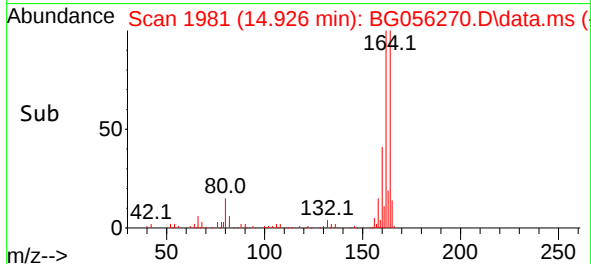
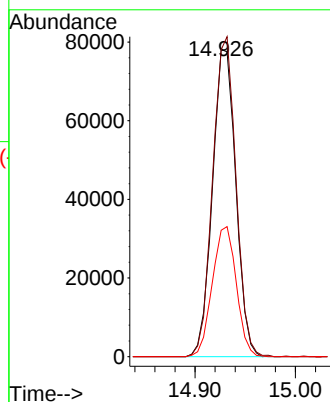
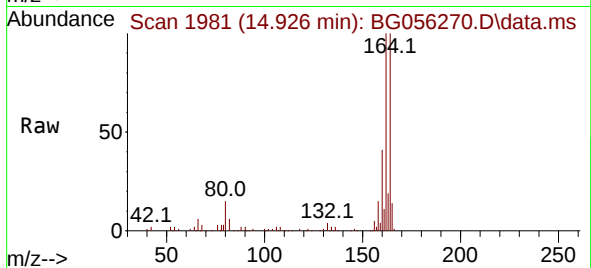
Tgt Ion:164 Resp: 126558

Ion Ratio Lower Upper

164 100

162 99.9 84.7 127.1

160 41.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 150.114 ng

RT: 16.407 min Scan# 2233

Delta R.T. -0.001 min

Lab File: BG056270.D

Acq: 12 Jan 2023 15:56

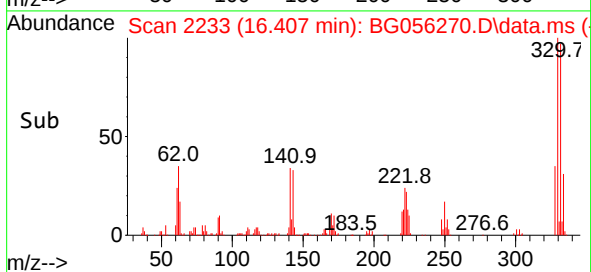
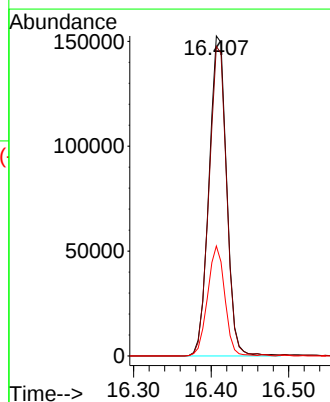
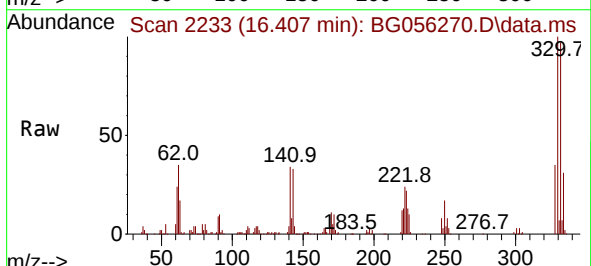
Tgt Ion:330 Resp: 240609

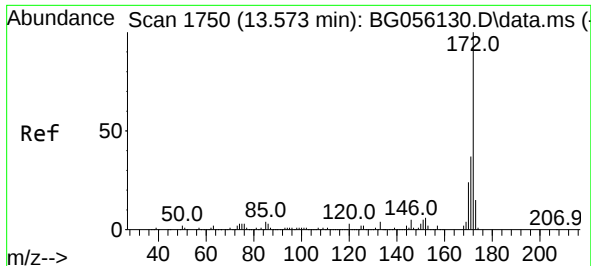
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.5 27.9 41.9

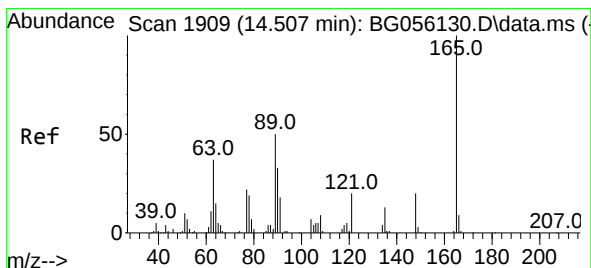
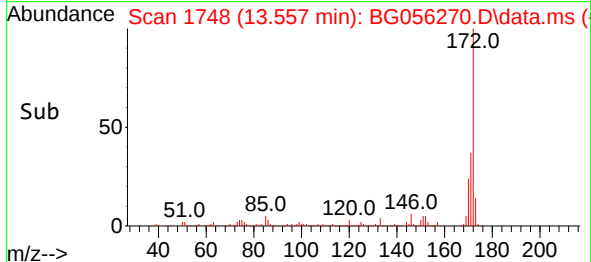
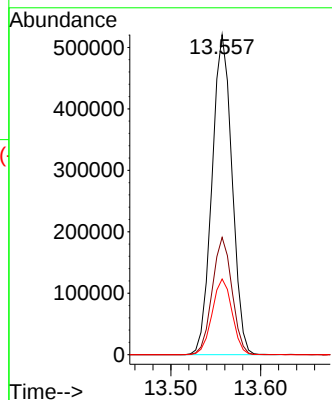
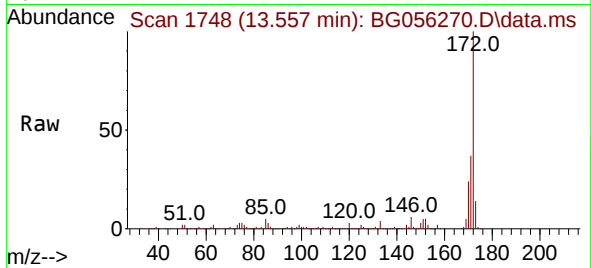




#45
2-Fluorobiphenyl
Concen: 88.018 ng
RT: 13.557 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

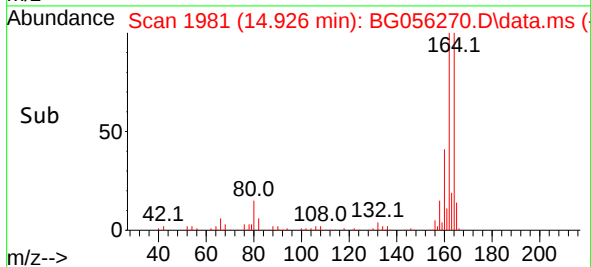
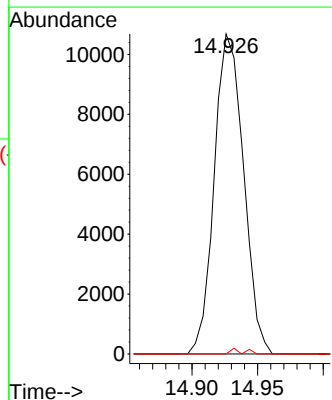
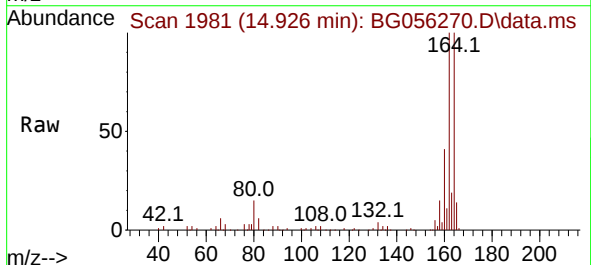
Instrument :
BNA_G
ClientSampleId :
TP-B

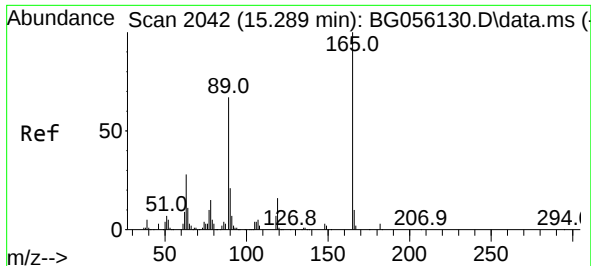
Tgt Ion:172 Resp: 806673
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.6 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.603 ng
RT: 14.926 min Scan# 1981
Delta R.T. 0.434 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:165 Resp: 16551
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

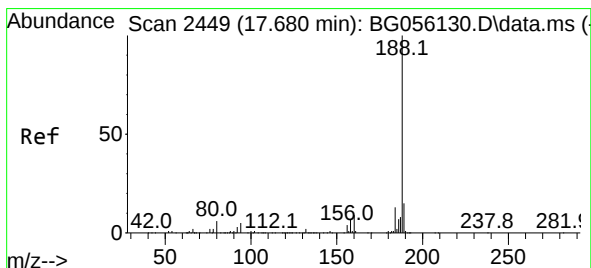
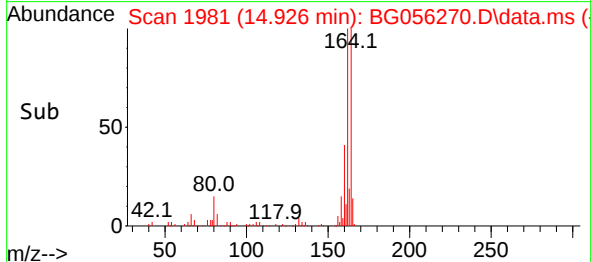
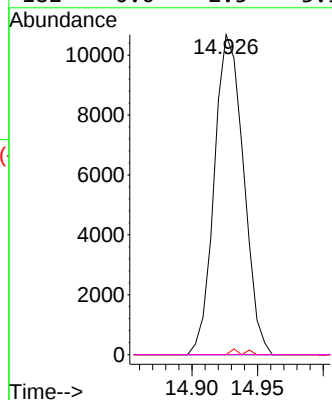
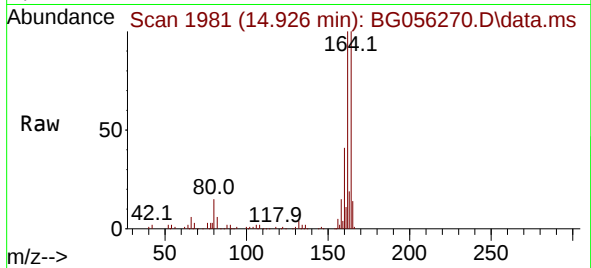




#57
2,4-Dinitrotoluene
Concen: 5.436 ng
RT: 14.926 min Scan# 1981
Delta R.T. -0.347 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

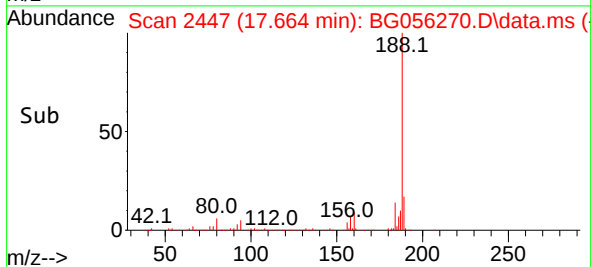
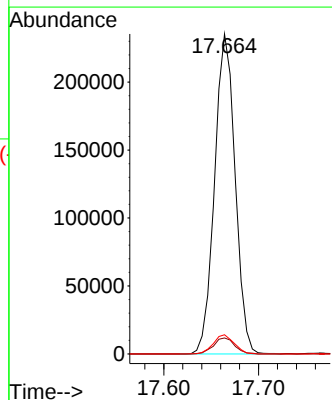
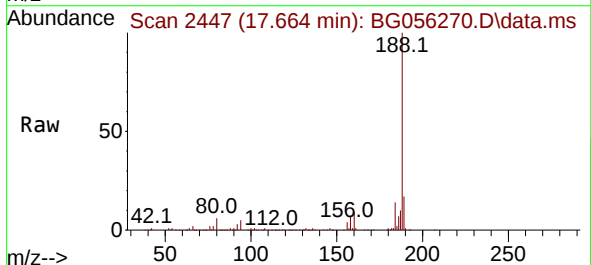
Instrument :
BNA_G
ClientSampleId :
TP-B

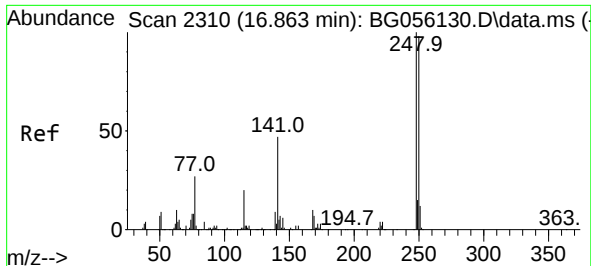
Tgt Ion:165	Resp:	16551
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.6 34.0#
89	0.0	53.2 79.8#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:188	Resp:	354280
Ion Ratio	Lower	Upper
188	100	
94	5.0	4.2 6.2
80	6.0	5.0 7.4

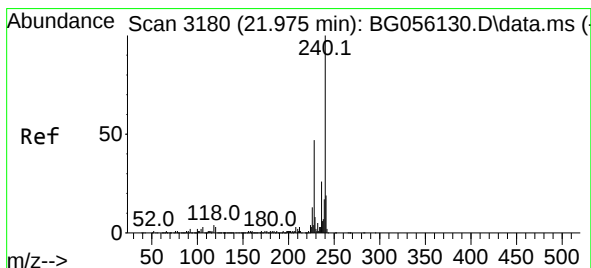
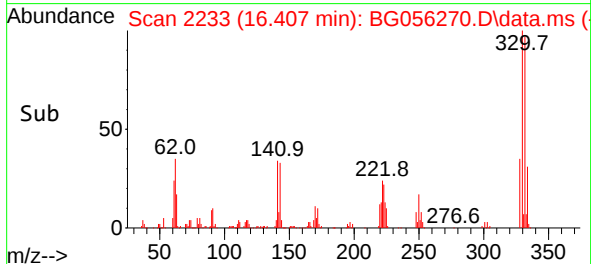
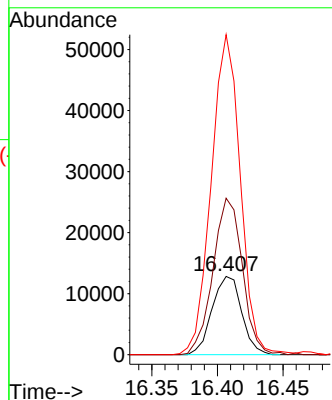
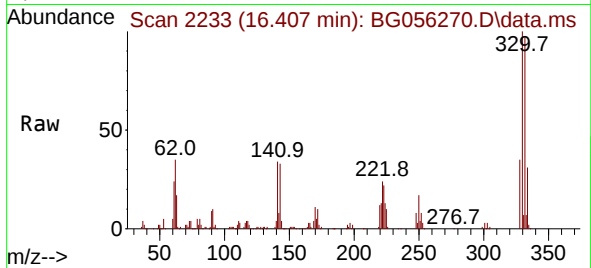




#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 16.407 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

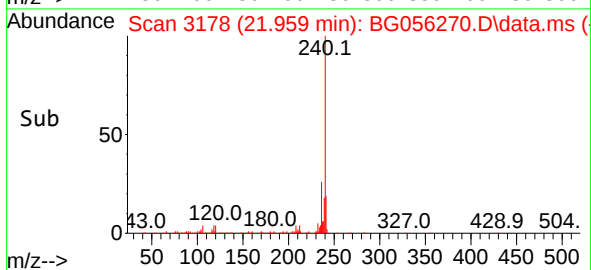
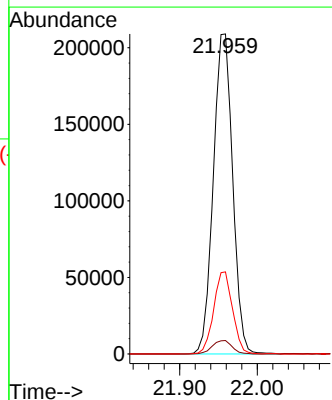
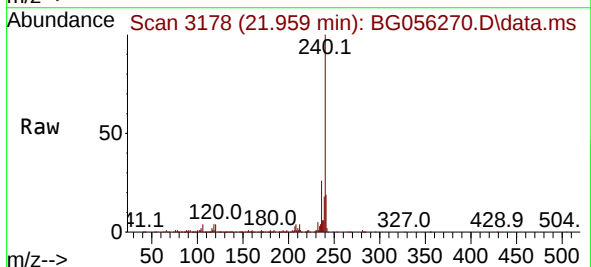
Instrument :
BNA_G
ClientSampleId :
TP-B

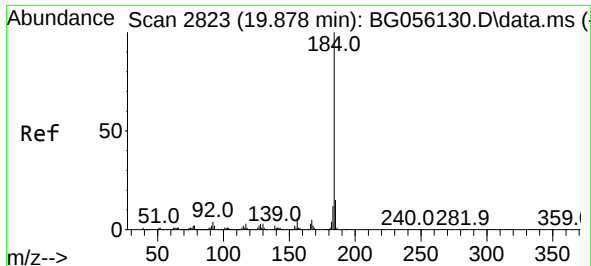
Tgt Ion:248 Resp: 20057
Ion Ratio Lower Upper
248 100
250 150.8 78.2 117.4#
141 308.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.959 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:240 Resp: 362520
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2

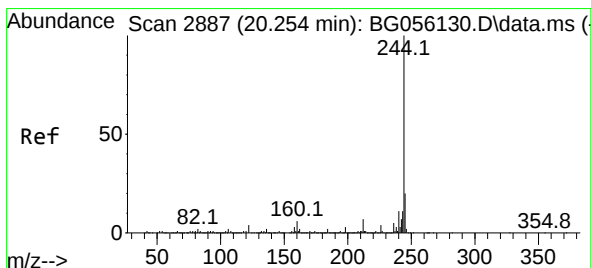
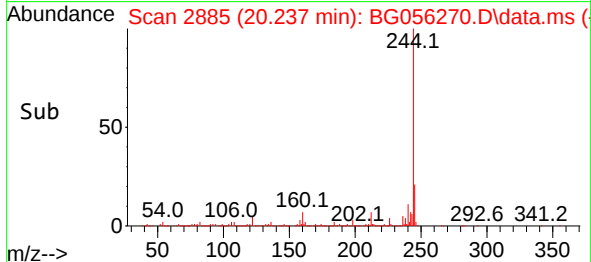
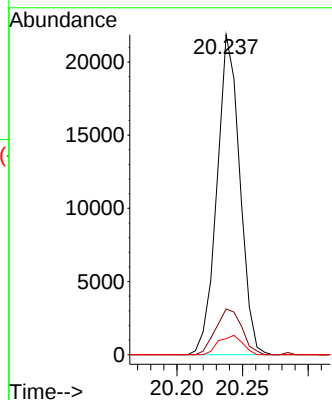
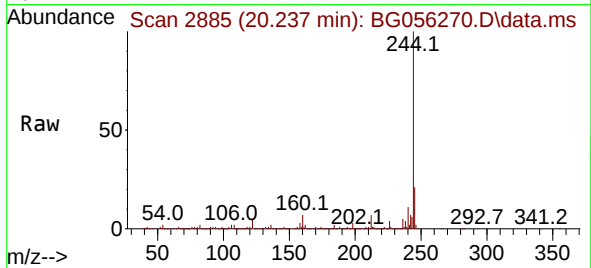




#77
Benzidine
Concen: 2.079 ng
RT: 20.237 min Scan# 2885
Delta R.T. 0.375 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

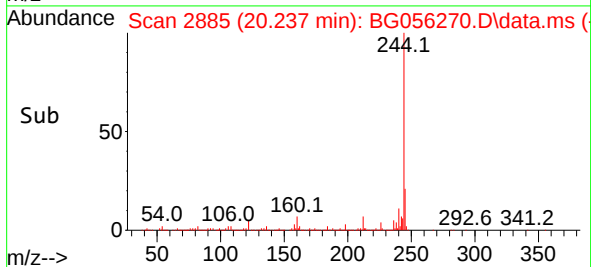
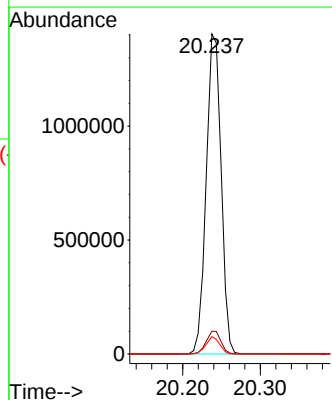
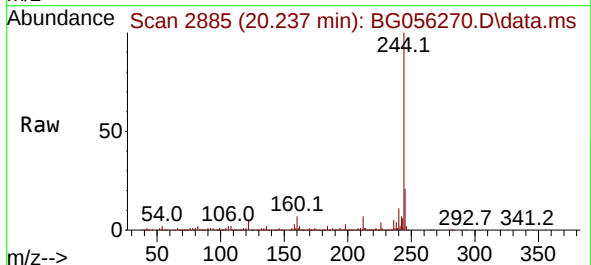
Instrument :
BNA_G
ClientSampleId :
TP-B

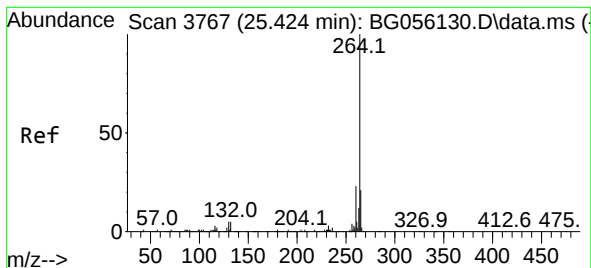
Tgt Ion:184 Resp: 26413
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 5.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.654 ng
RT: 20.237 min Scan# 2885
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:244 Resp: 1875382
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.4 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.396 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056270.D

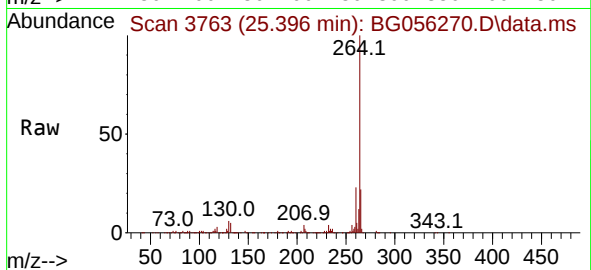
Acq: 12 Jan 2023 15:56

Instrument :

BNA_G

ClientSampleId :

TP-B



Tgt Ion:264 Resp: 387782

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.7 16.7 25.1

