

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055269.D
 Acq On : 25 Oct 2022 9:41
 Operator : CG/JU
 Sample : PB148536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 12:40:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

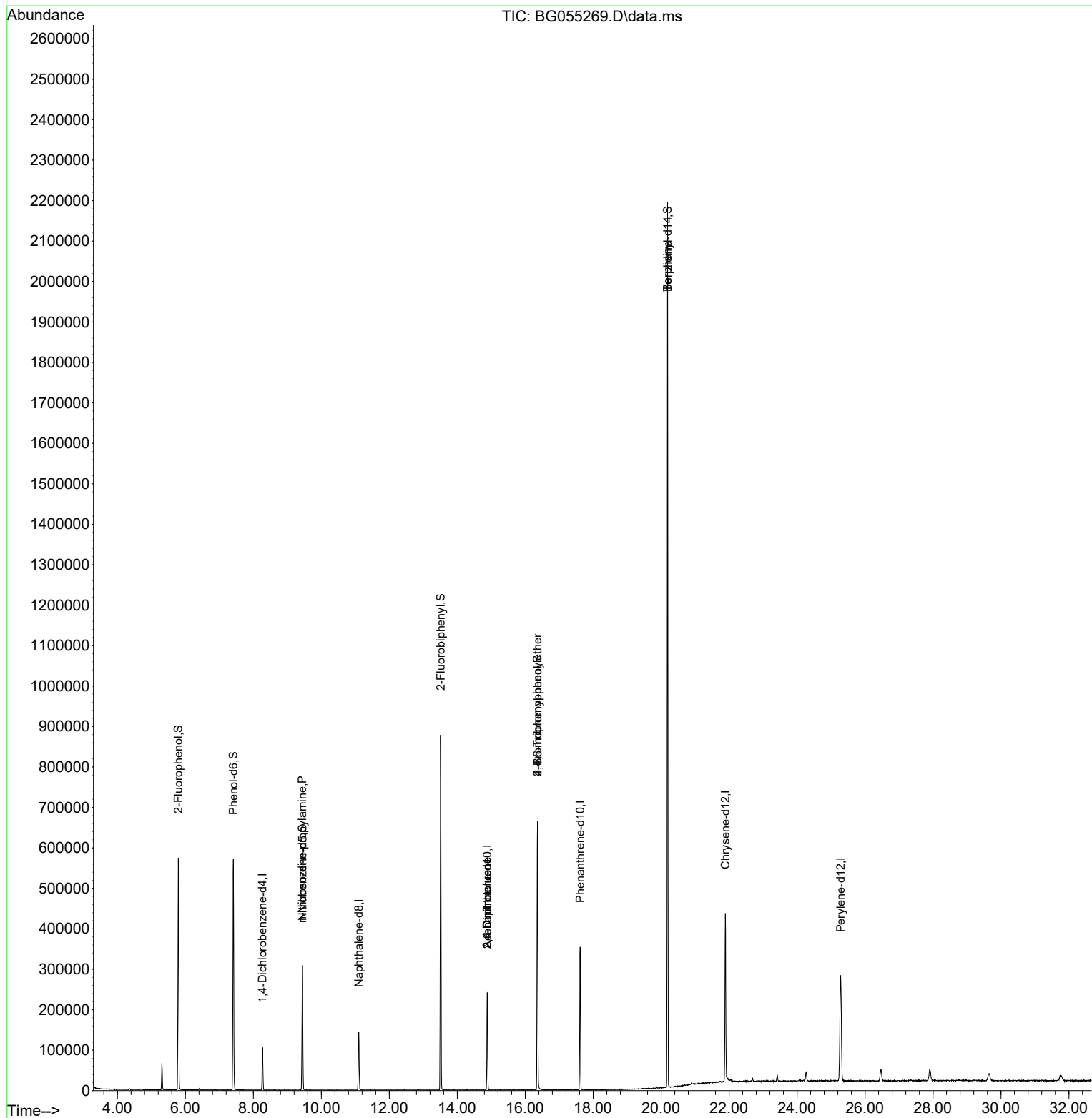
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	29934	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	126130	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	85753	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	217185	20.000	ng	0.00
76) Chrysene-d12	21.889	240	248098	20.000	ng	-0.01
86) Perylene-d12	25.285	264	258342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	253969	148.558	ng	0.00
7) Phenol-d6	7.412	99	341512	137.886	ng	0.00
23) Nitrobenzene-d5	9.445	82	202378	81.932	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	131417	140.974	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	438225	83.643	ng	0.00
79) Terphenyl-d14	20.191	244	1013739	84.895	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.439	70	26602	12.934	ng	# 79
51) 2,6-Dinitrotoluene	14.880	165	11132	8.125	ng	# 19
57) 2,4-Dinitrotoluene	14.880	165	11132	5.599	ng	# 18
67) 4-Bromophenyl-phenylether	16.360	248	8371	3.967	ng	# 1
77) Benzidine	20.191	184	16014	2.666	ng	# 89

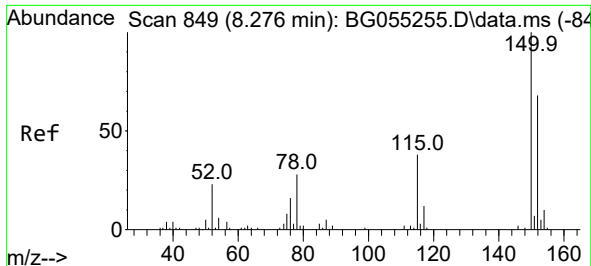
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055269.D
Acq On : 25 Oct 2022 9:41
Operator : CG/JU
Sample : PB148536BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

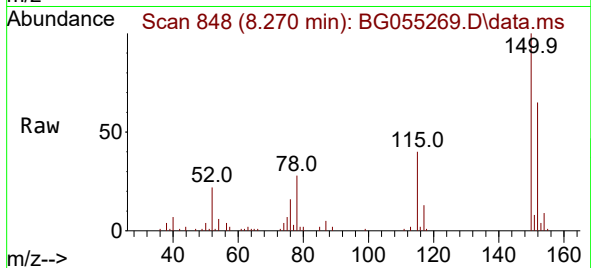
Quant Time: Oct 25 12:40:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



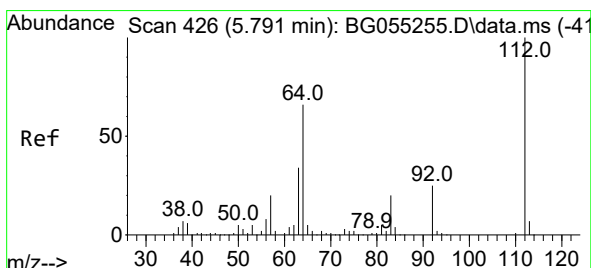
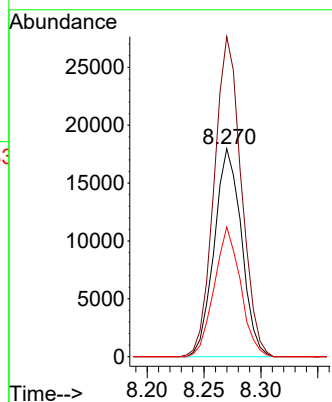
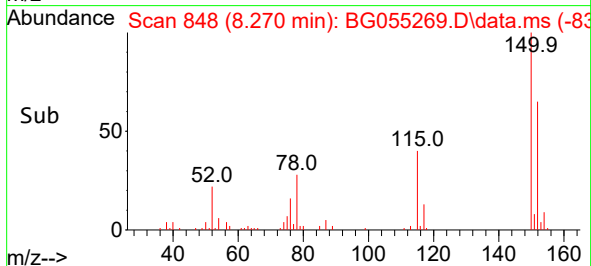


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

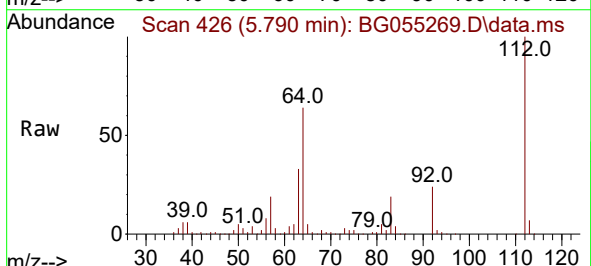
Instrument :
BNA_G
ClientSampleId :



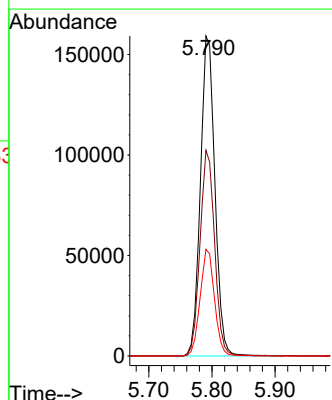
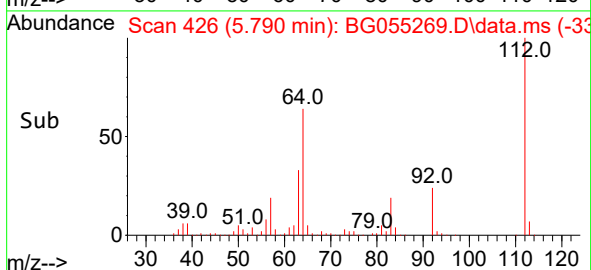
Tgt Ion:152 Resp: 29934
Ion Ratio Lower Upper
152 100
150 153.9 118.2 177.4
115 62.3 44.5 66.7

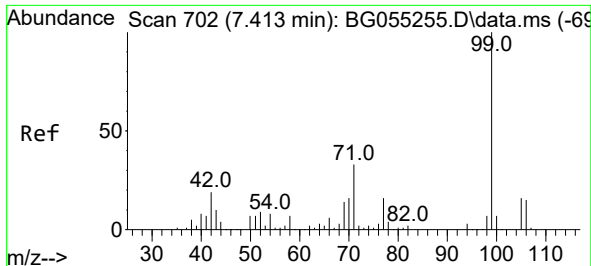


#5
2-Fluorophenol
Concen: 148.558 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.001 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41



Tgt Ion:112 Resp: 253969
Ion Ratio Lower Upper
112 100
64 64.2 52.6 78.8
63 33.3 27.1 40.7

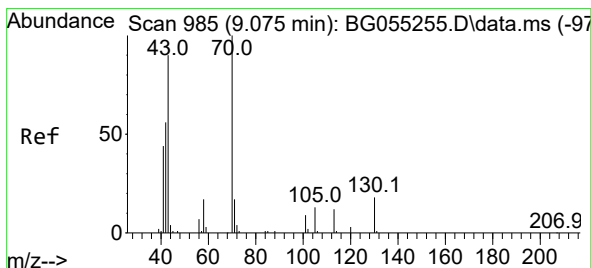
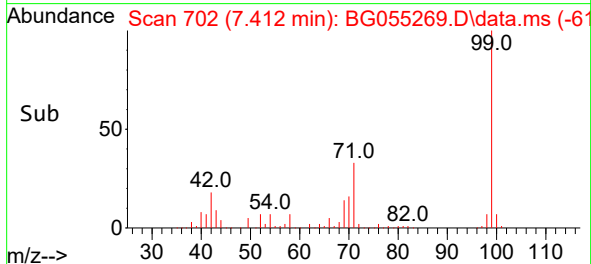
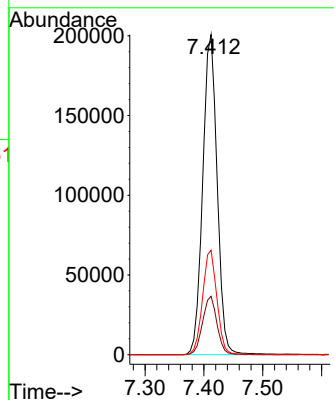
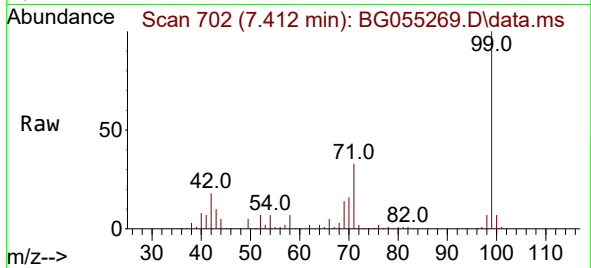




#7
Phenol-d6
Concen: 137.886 ng
RT: 7.412 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

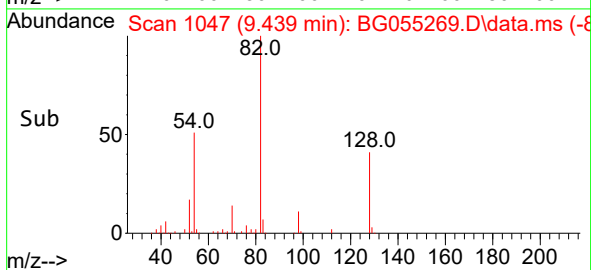
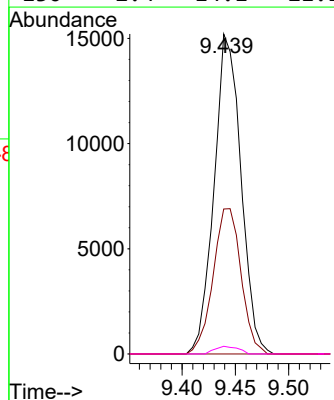
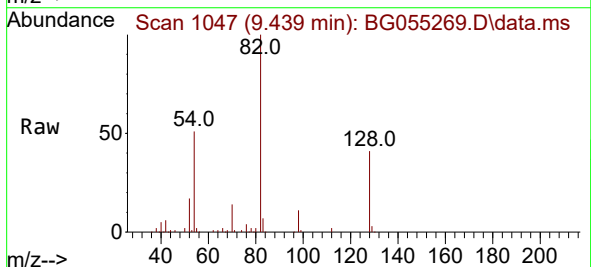
Instrument :
BNA_G
ClientSampleId :

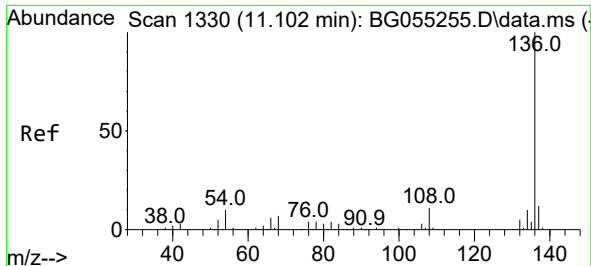
Tgt Ion: 99 Resp: 341512
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 32.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.934 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

Tgt Ion: 70 Resp: 26602
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.6#
101 0.0 7.4 11.0#
130 2.4 14.1 21.1#

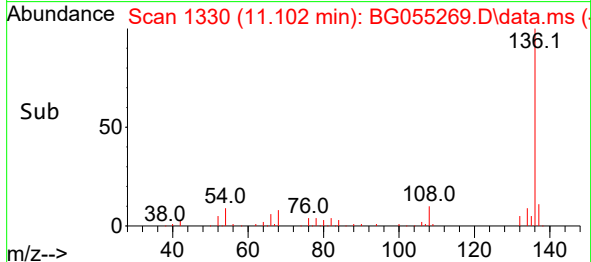
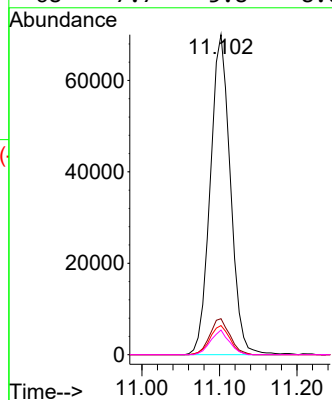
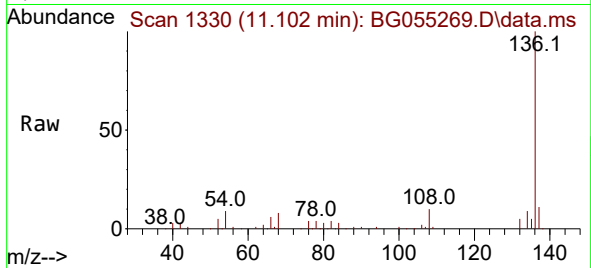




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

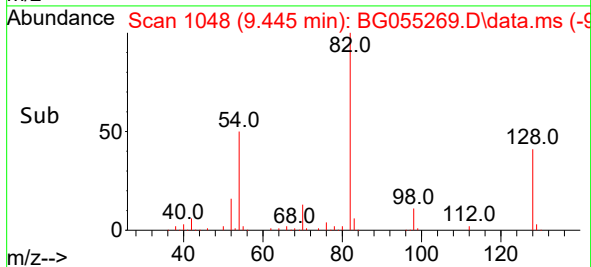
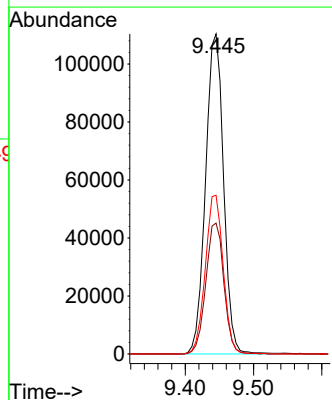
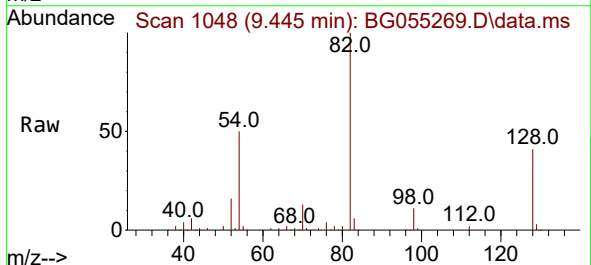
Instrument :
BNA_G
ClientSampleId :

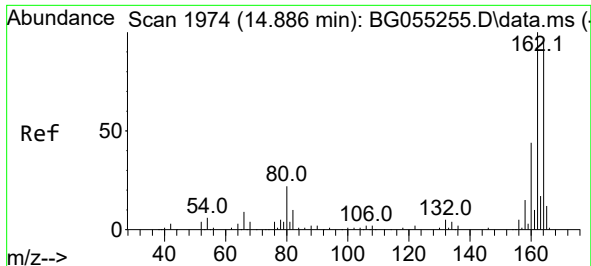
Tgt Ion:	136	Resp:	126130
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	9.1	7.8	11.8
68	7.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 81.932 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

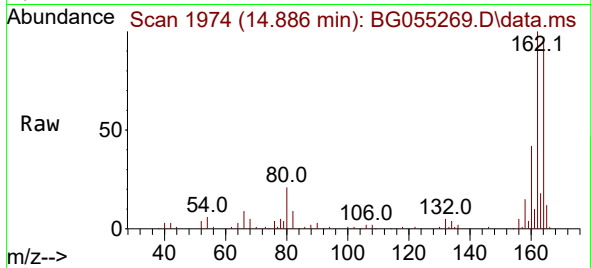
Tgt Ion:	82	Resp:	202378
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.0	48.0
54	49.6	40.9	61.3



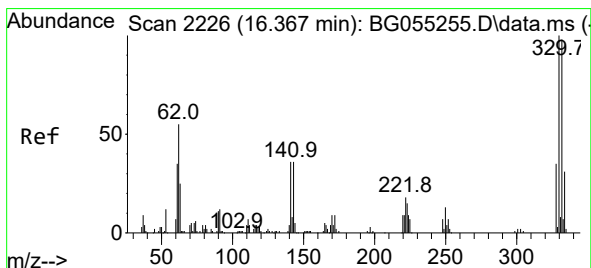
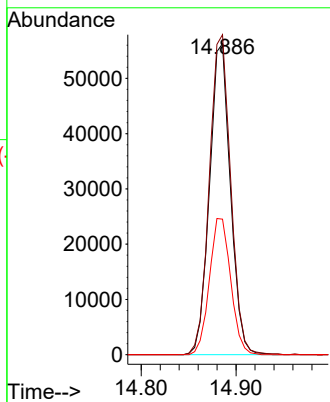
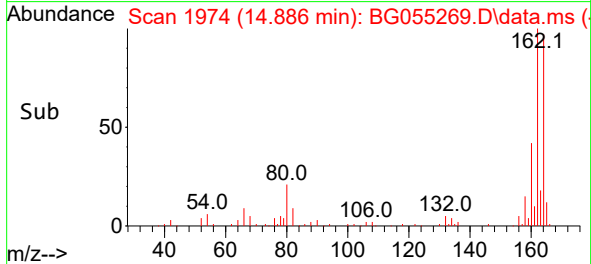


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

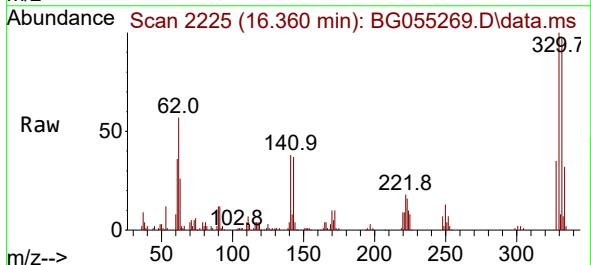
Instrument :
BNA_G
ClientSampleId :



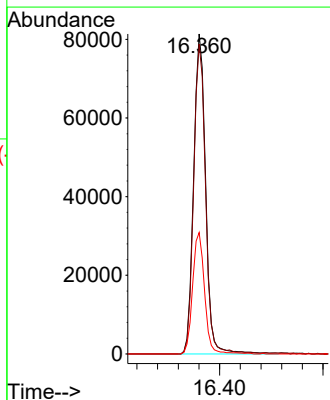
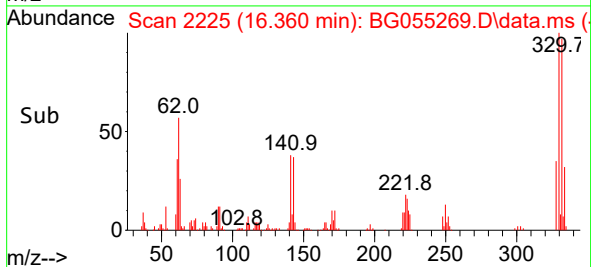
Tgt Ion:164 Resp: 85753
Ion Ratio Lower Upper
164 100
162 102.9 84.0 126.0
160 43.6 36.7 55.1

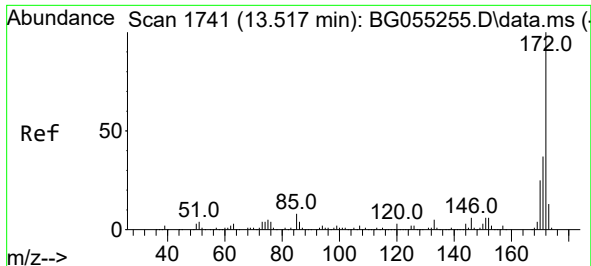


#42
2,4,6-Tribromophenol
Concen: 140.974 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41



Tgt Ion:330 Resp: 131417
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 37.7 29.8 44.8

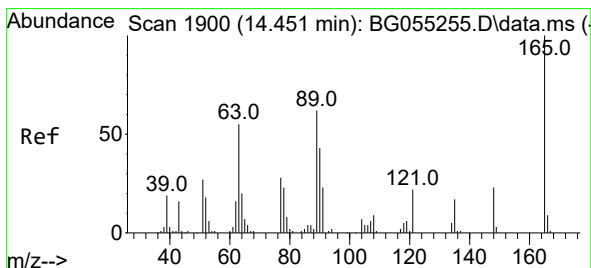
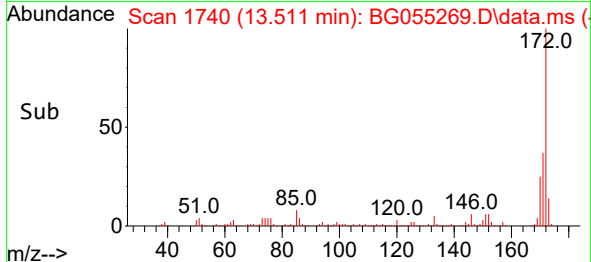
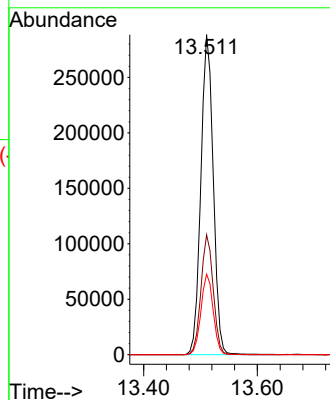
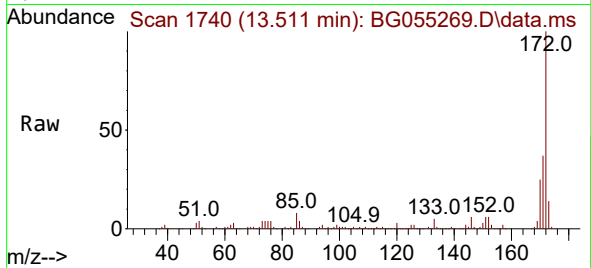




#45
2-Fluorobiphenyl
Concen: 83.643 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

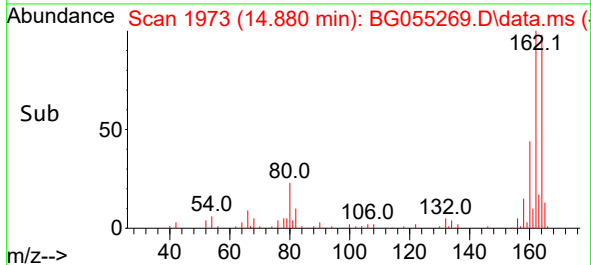
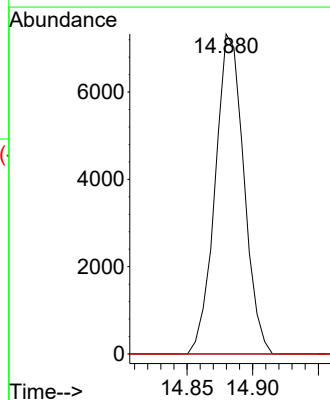
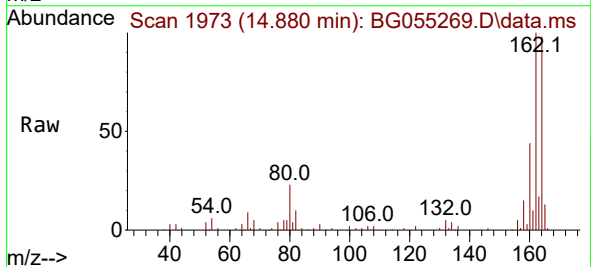
Instrument :
BNA_G
ClientSampleId :

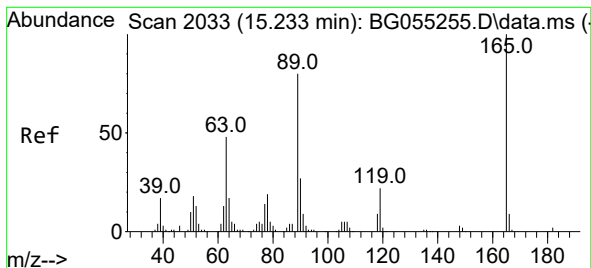
Tgt Ion:172 Resp: 438225
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.1 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.125 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.428 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

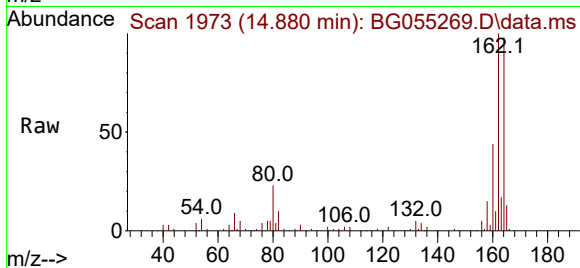
Tgt Ion:165 Resp: 11132
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#



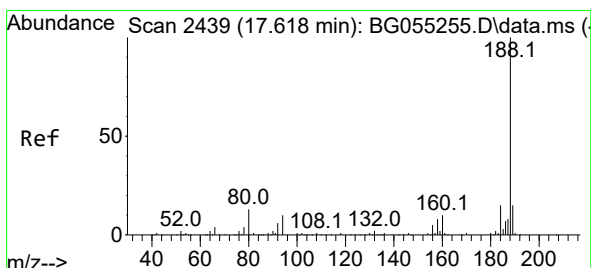
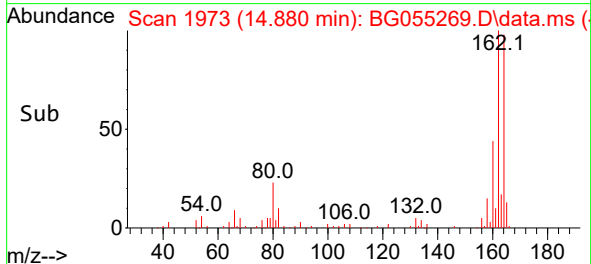
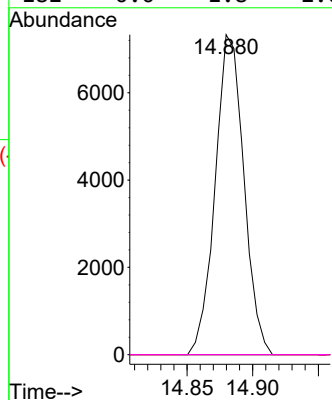


#57
2,4-Dinitrotoluene
Concen: 5.599 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.353 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

Instrument :
BNA_G
ClientSampleId :

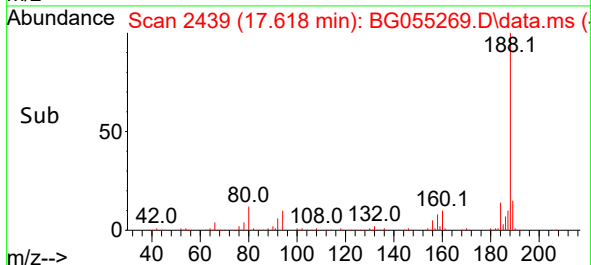
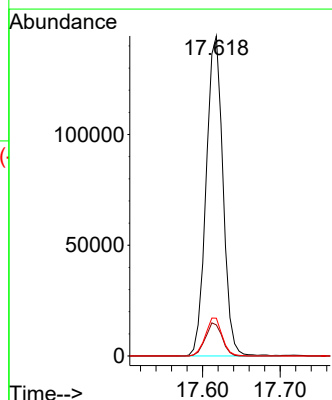
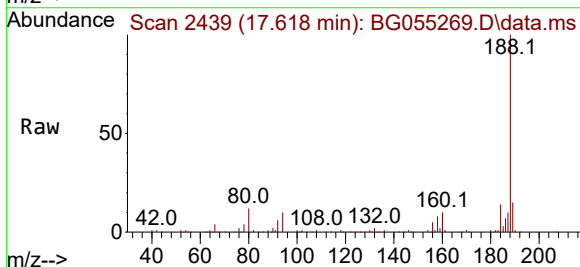


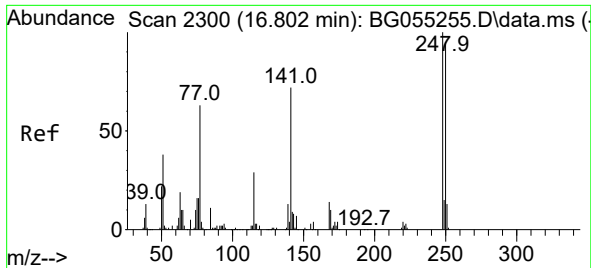
Tgt Ion:165 Resp: 11132
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

Tgt Ion:188 Resp: 217185
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.8 10.1 15.1

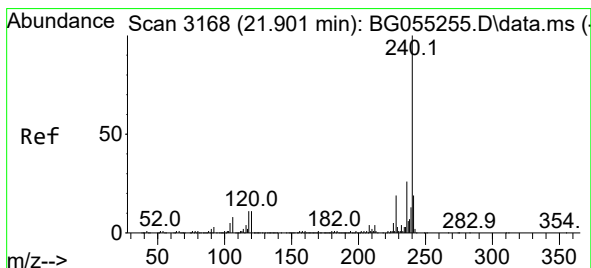
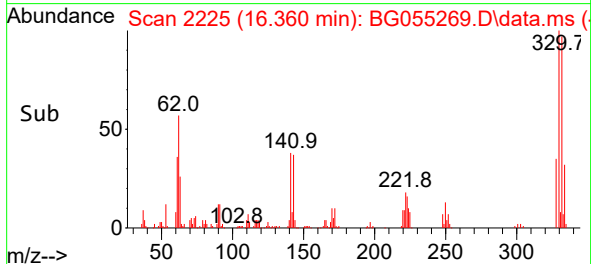
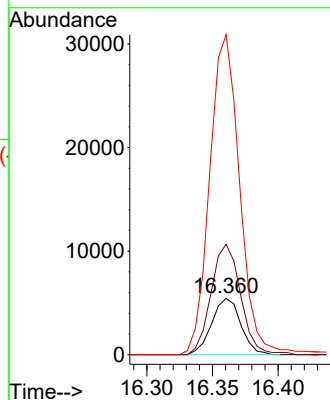
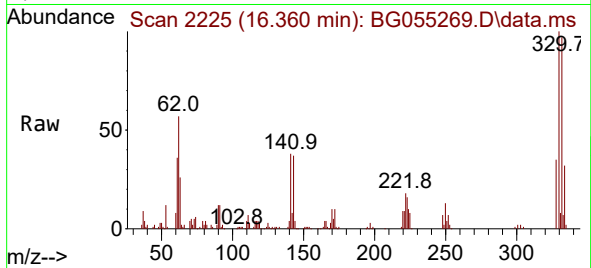




#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

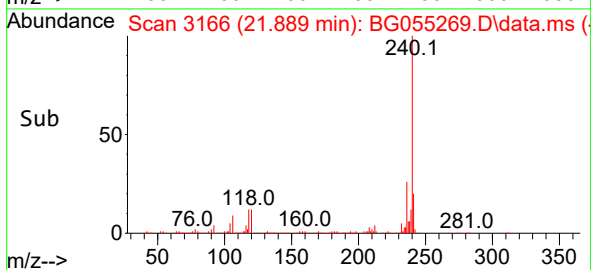
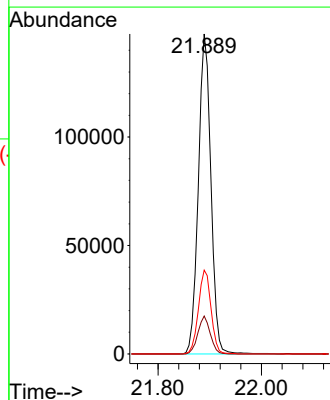
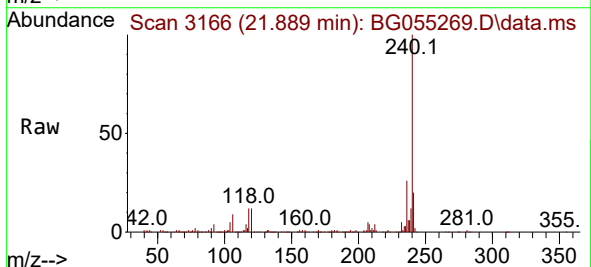
Instrument :
BNA_G
ClientSampleId :

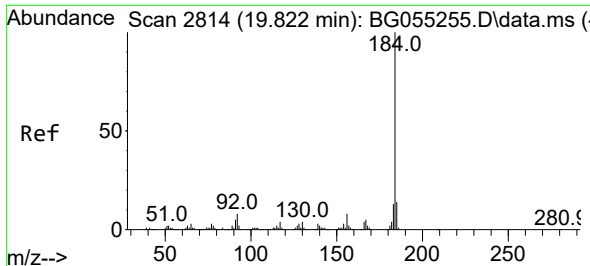
Tgt Ion:248 Resp: 8371
Ion Ratio Lower Upper
248 100
250 196.1 76.0 114.0#
141 568.0 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

Tgt Ion:240 Resp: 248098
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.2 21.0 31.4

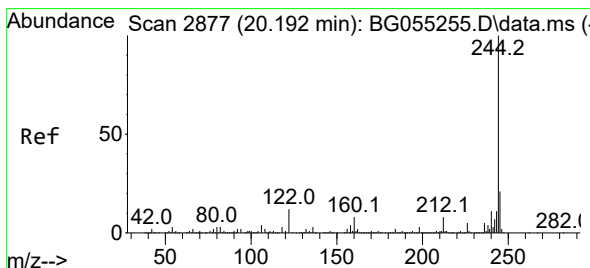
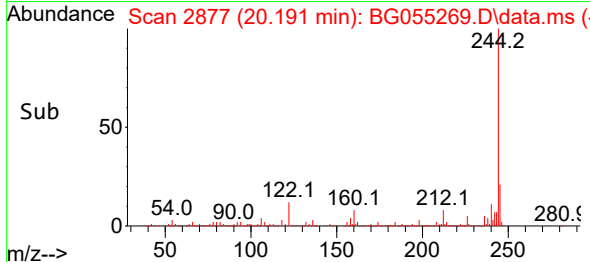
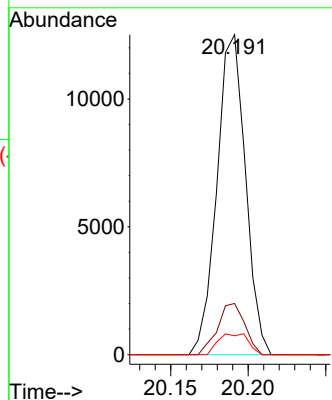
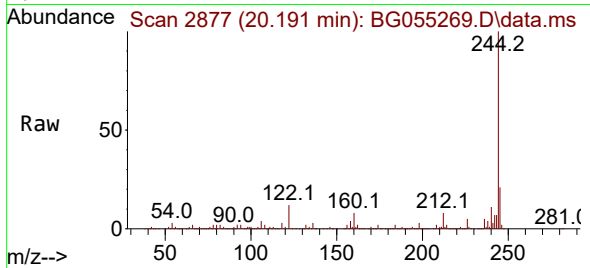




#77
Benzidine
Concen: 2.666 ng
RT: 20.191 min Scan# 2814
Delta R.T. 0.369 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

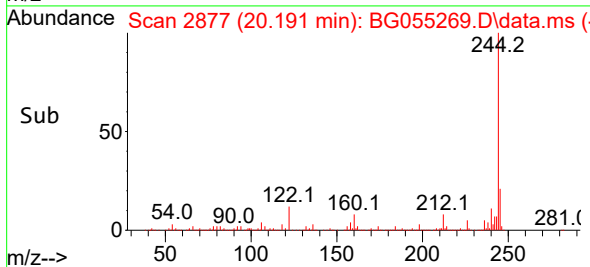
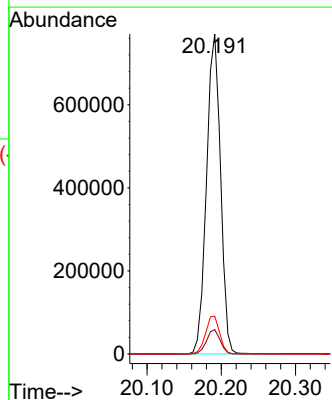
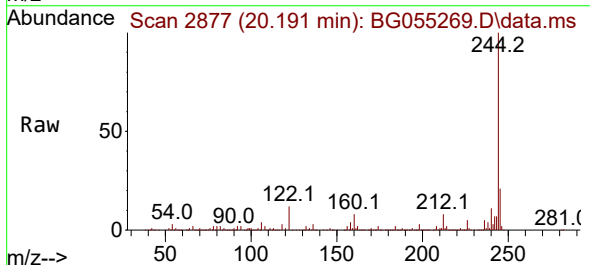
Instrument :
BNA_G
ClientSampleId :

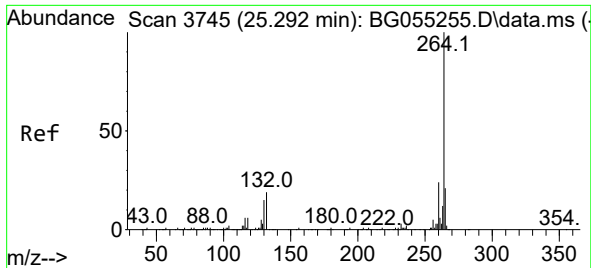
Tgt Ion:184 Resp: 16014
Ion Ratio Lower Upper
184 100
185 16.0 11.0 16.6
183 5.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 84.895 ng
RT: 20.191 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

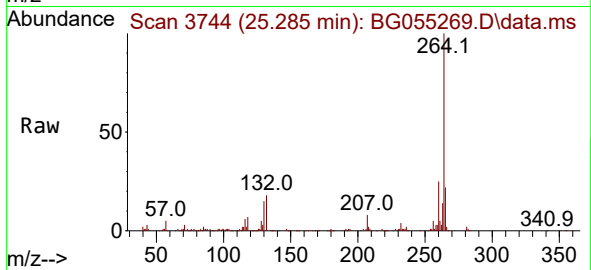
Tgt Ion:244 Resp: 1013739
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 11.8 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055269.D
 Acq: 25 Oct 2022 9:41

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 258342
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 21.6 17.4 26.2

