

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
 Data File : BG055213.D
 Acq On : 19 Oct 2022 19:54
 Operator : CG/JU
 Sample : PB148413BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148413BL

Quant Time: Oct 20 09:40:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

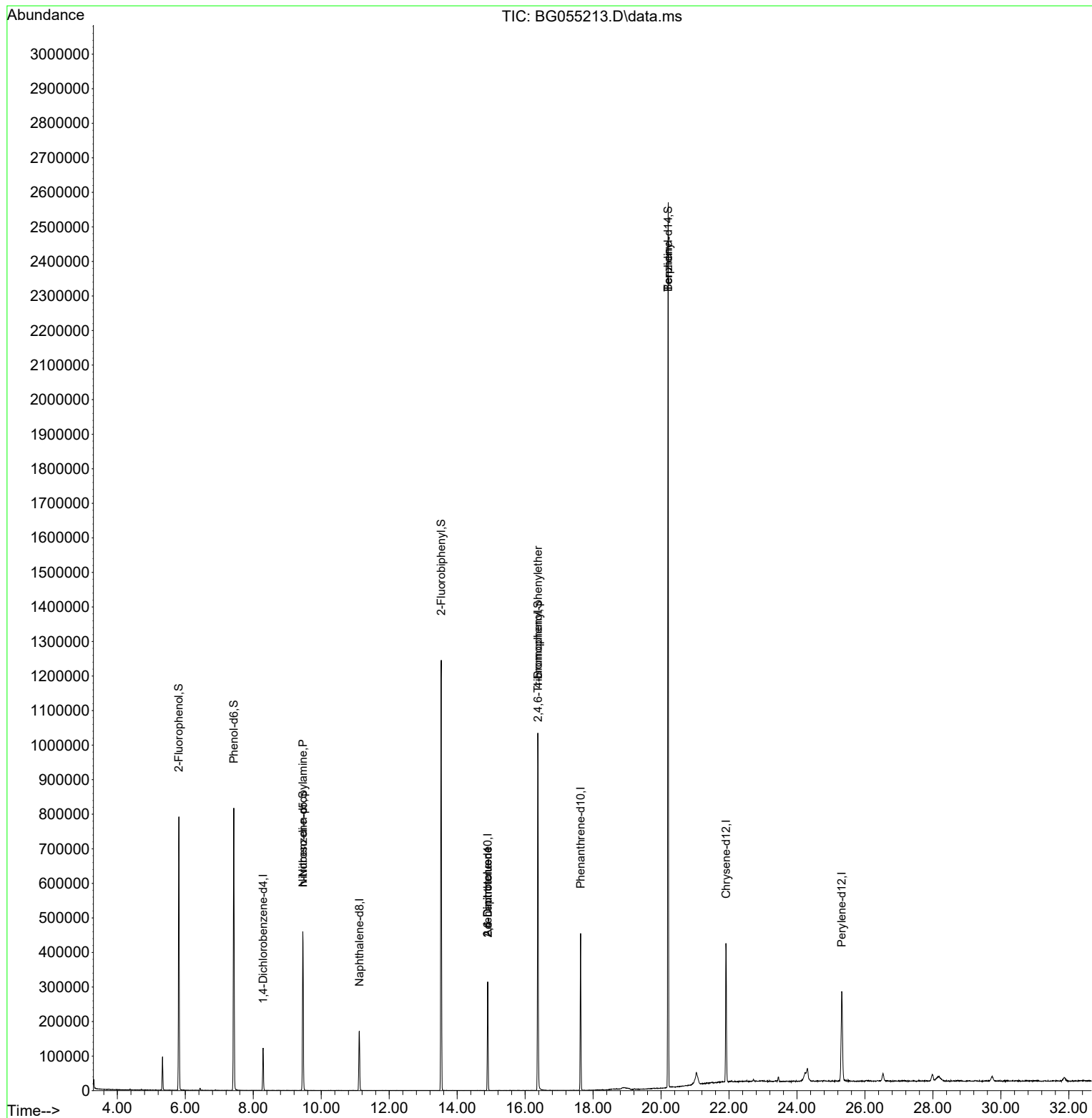
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.289	152	32296	20.000	ng	0.00
21) Naphthalene-d8	11.121	136	151232	20.000	ng	0.00
39) Acenaphthene-d10	14.899	164	105614	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	261710	20.000	ng	0.00
76) Chrysene-d12	21.908	240	236297	20.000	ng	-0.01
86) Perylene-d12	25.316	264	241133	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	335294	186.785	ng	0.00
7) Phenol-d6	7.425	99	462944	169.248	ng	0.00
23) Nitrobenzene-d5	9.458	82	285186	91.040	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	180336	164.785	ng	0.00
45) 2-Fluorobiphenyl	13.530	172	619226	93.652	ng	0.00
79) Terphenyl-d14	20.210	244	1203228	94.879	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.458	70	37766	16.098	ng	# 80
51) 2,6-Dinitrotoluene	14.899	165	13574	8.143	ng	# 17
57) 2,4-Dinitrotoluene	14.899	165	13574	5.824	ng	# 18
67) 4-Bromophenyl-phenylether	16.373	248	11439	4.484	ng	# 1
77) Benzidine	20.210	184	20776	3.458	ng	# 92

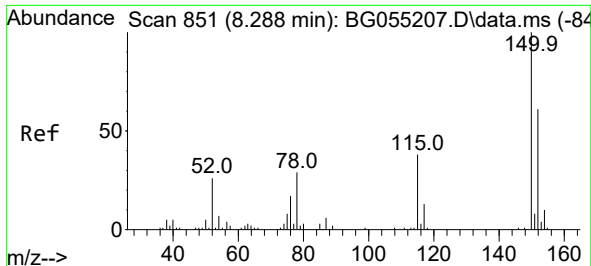
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
Data File : BG055213.D
Acq On : 19 Oct 2022 19:54
Operator : CG/JU
Sample : PB148413BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148413BL

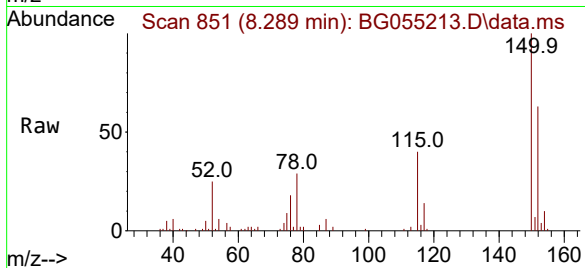
Quant Time: Oct 20 09:40:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration



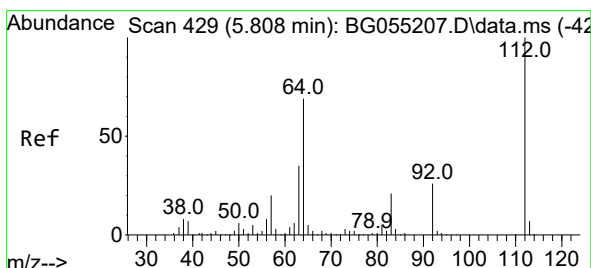
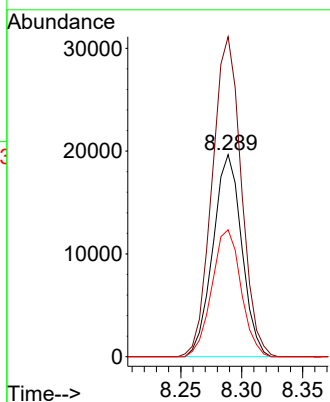
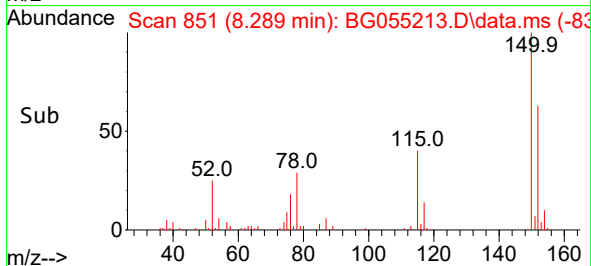


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.289 min Scan# 851
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

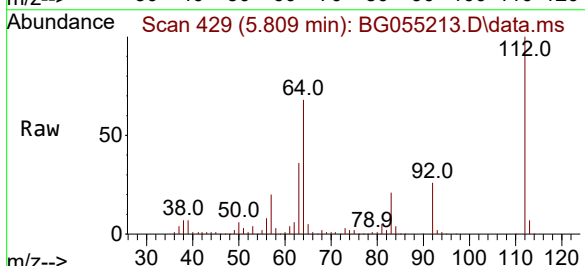
Instrument :
BNA_G
ClientSampleId :
PB148413BL



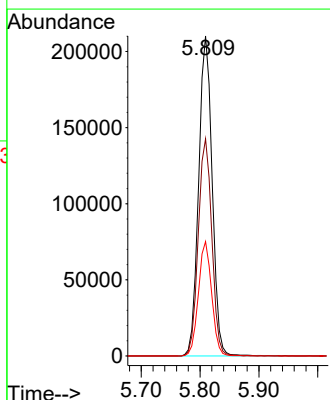
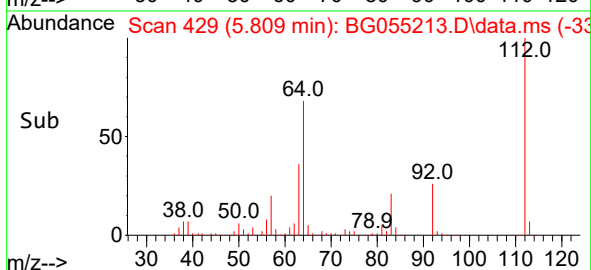
Tgt Ion:152 Resp: 32296
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.2
115 62.7 50.0 75.0

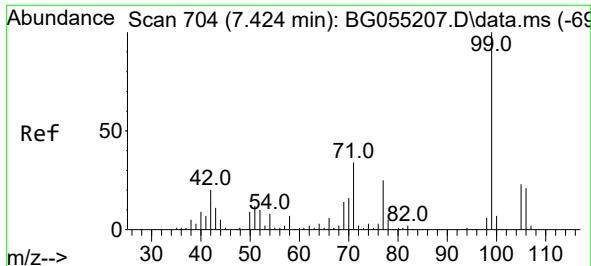


#5
2-Fluorophenol
Concen: 186.785 ng
RT: 5.809 min Scan# 429
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54



Tgt Ion:112 Resp: 335294
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 35.7 27.8 41.6

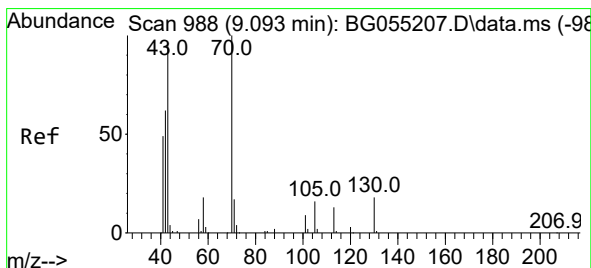
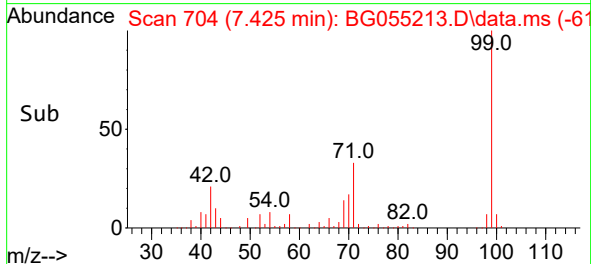
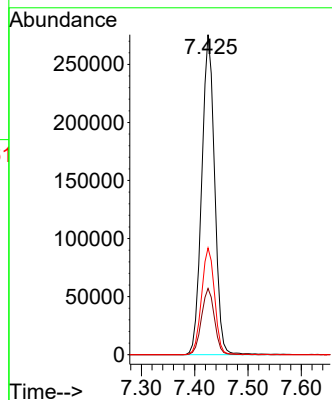
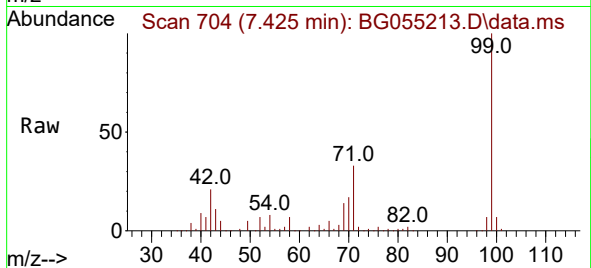




#7
Phenol-d6
Concen: 169.248 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

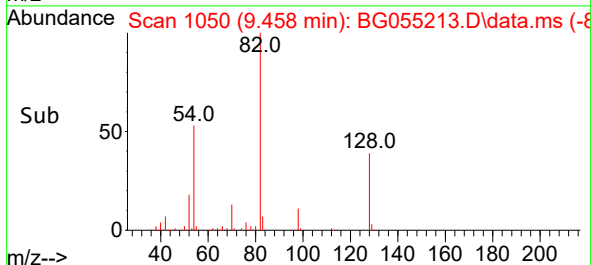
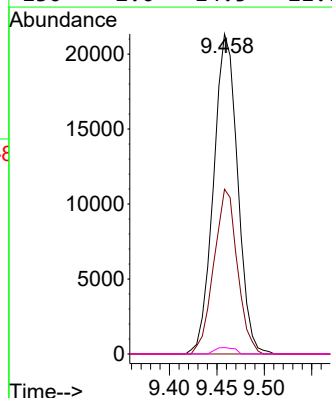
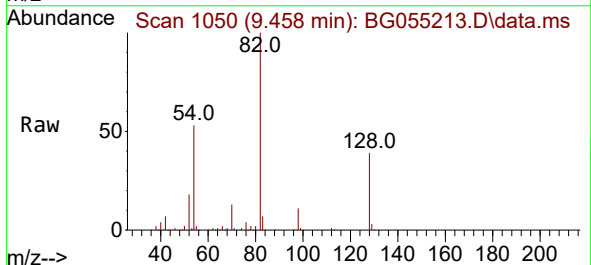
Instrument :
BNA_G
ClientSampleId :
PB148413BL

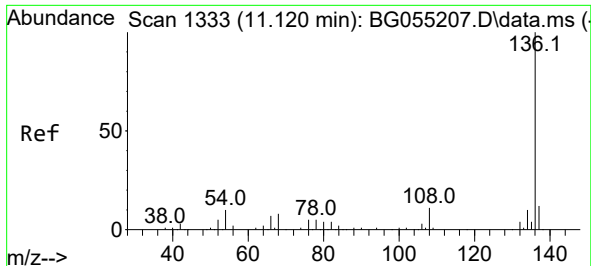
Tgt Ion: 99 Resp: 462944
Ion Ratio Lower Upper
99 100
42 20.7 16.2 24.4
71 33.3 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.098 ng
RT: 9.458 min Scan# 1050
Delta R.T. 0.365 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Tgt Ion: 70 Resp: 37766
Ion Ratio Lower Upper
70 100
42 51.5 50.8 76.2
101 0.0 7.0 10.6#
130 2.0 14.5 21.7#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.121 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

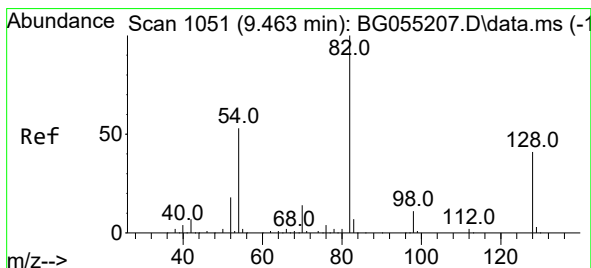
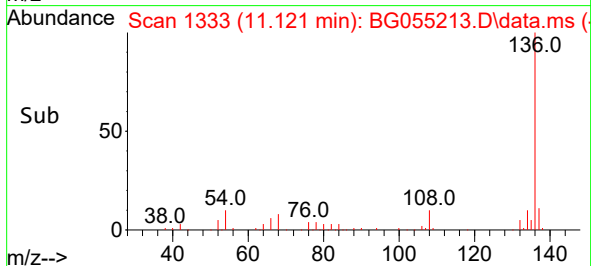
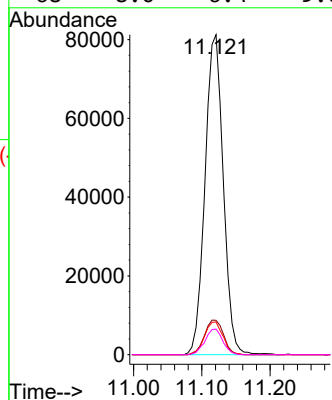
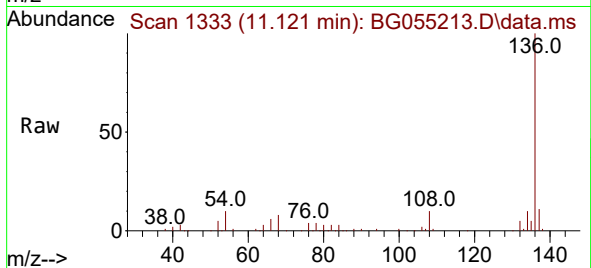
Instrument :

BNA_G

ClientSampleId :

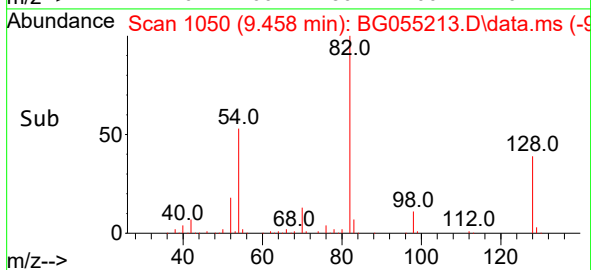
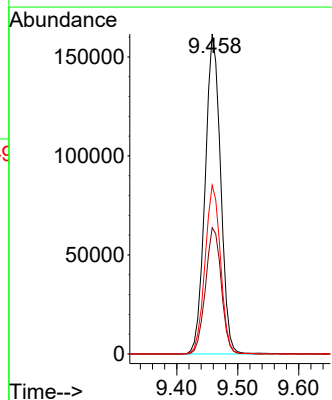
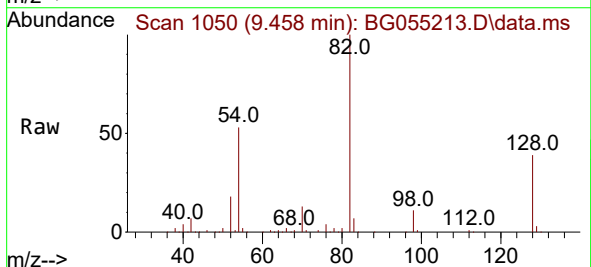
PB148413BL

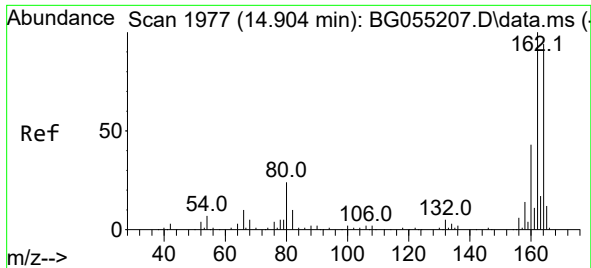
Tgt Ion:136 Resp: 151232
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 10.3 8.2 12.4
68 8.0 6.4 9.6



#23
Nitrobenzene-d5
Concen: 91.040 ng
RT: 9.458 min Scan# 1050
Delta R.T. -0.005 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Tgt Ion: 82 Resp: 285186
Ion Ratio Lower Upper
82 100
128 39.5 32.3 48.5
54 52.7 42.6 63.8

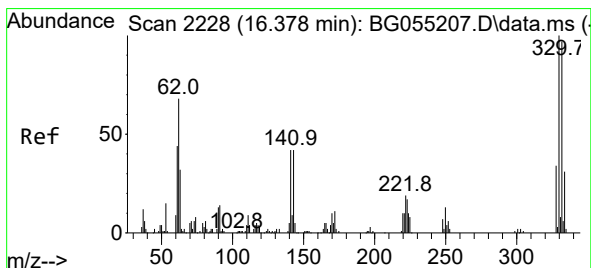
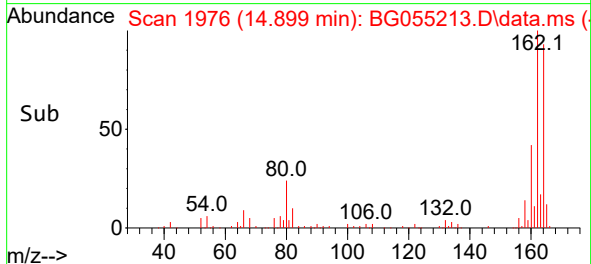
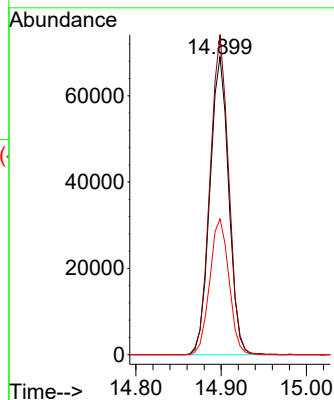
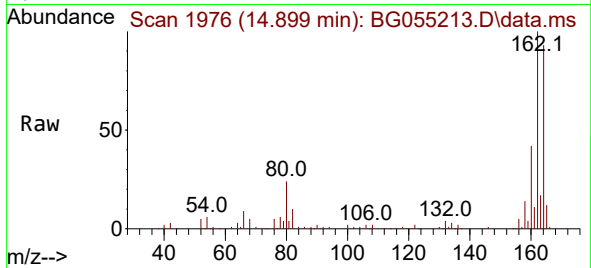




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.899 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

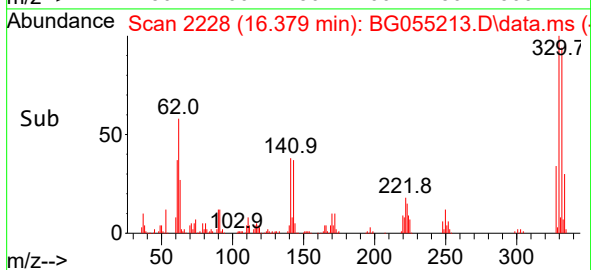
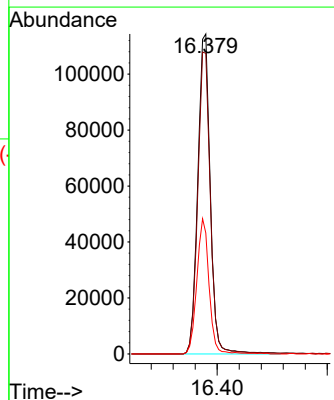
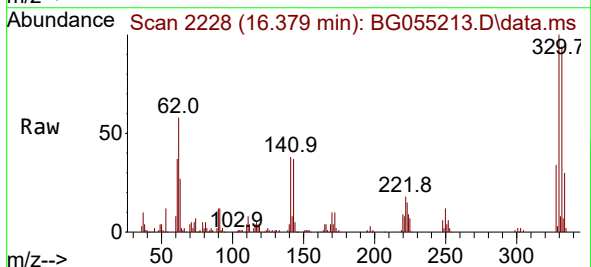
Instrument :
BNA_G
ClientSampleId :
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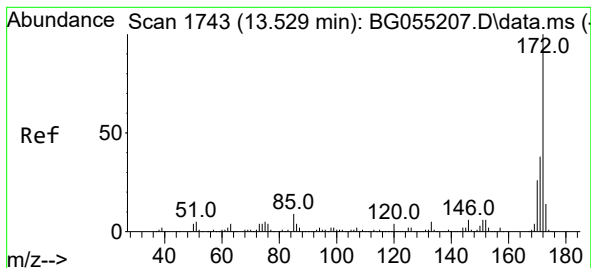
Tgt Ion:164 Resp: 105614
Ion Ratio Lower Upper
164 100
162 107.4 85.2 127.8
160 45.5 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 164.785 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Tgt Ion:330 Resp: 180336
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 41.3 33.5 50.3

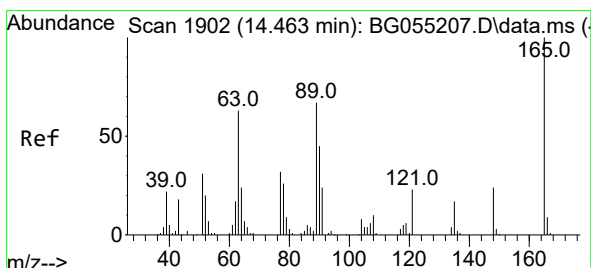
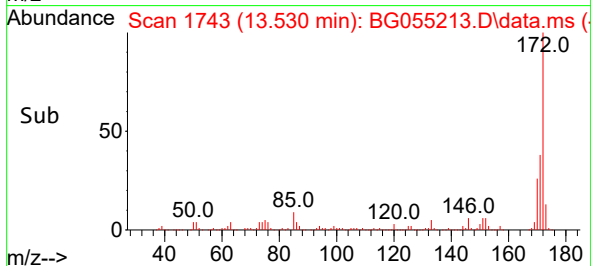
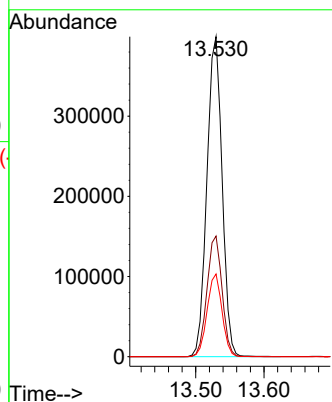
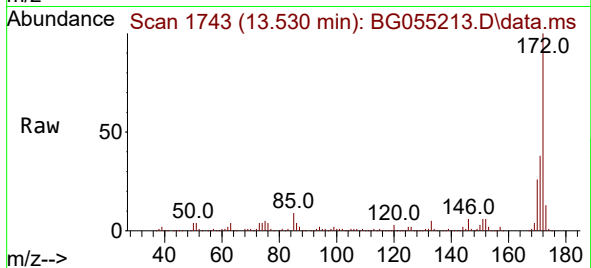




#45
2-Fluorobiphenyl
Concen: 93.652 ng
RT: 13.530 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

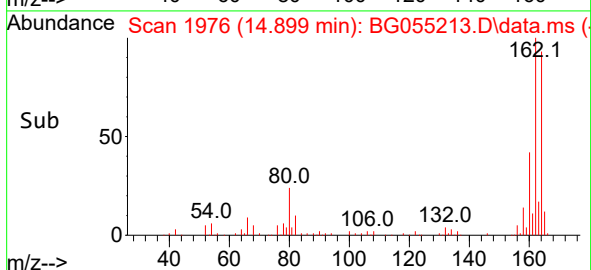
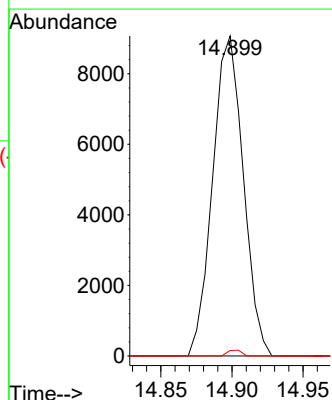
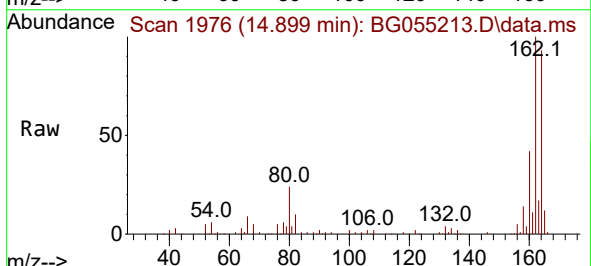
Instrument :
BNA_G
ClientSampleId :
PB148413BL

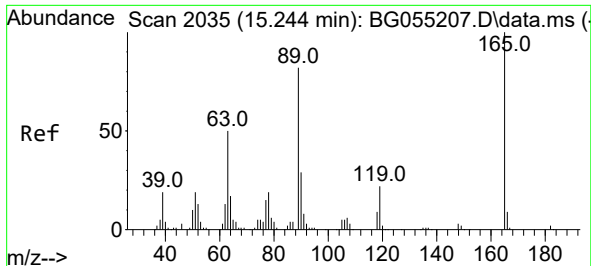
Tgt Ion:172 Resp: 619226
Ion Ratio Lower Upper
172 100
171 37.7 30.3 45.5
170 25.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.143 ng
RT: 14.899 min Scan# 1976
Delta R.T. 0.436 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

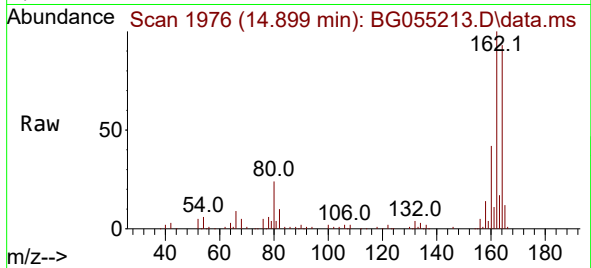
Tgt Ion:165 Resp: 13574
Ion Ratio Lower Upper
165 100
63 0.0 56.1 84.1#
89 1.7 53.4 80.0#



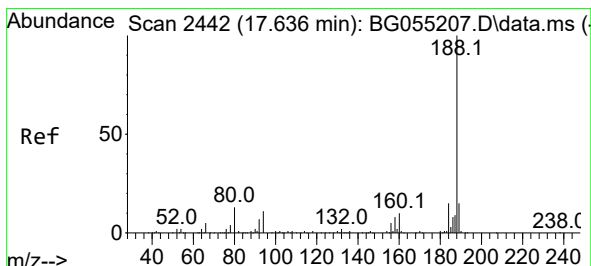
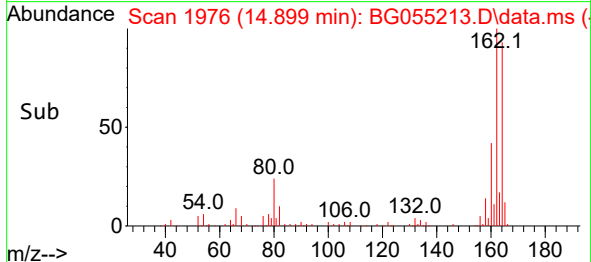
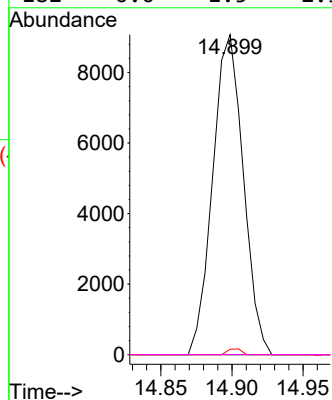


#57
2,4-Dinitrotoluene
Concen: 5.824 ng
RT: 14.899 min Scan# 1976
Delta R.T. -0.346 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Instrument :
BNA_G
ClientSampleId :
PB148413BL

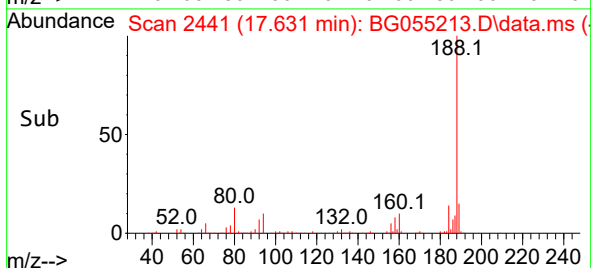
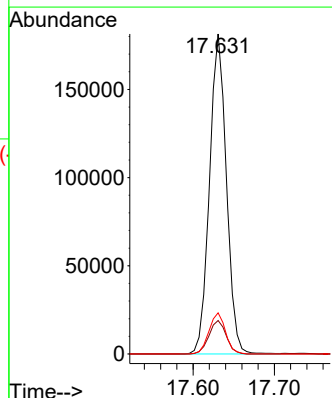
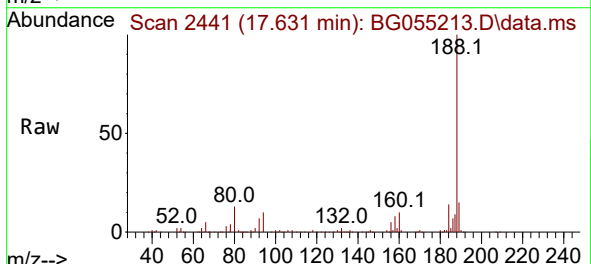


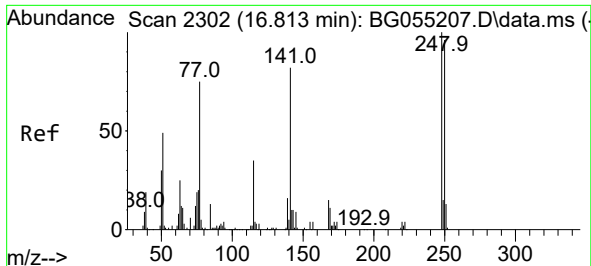
Tgt Ion:165 Resp: 13574
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.8#
89 1.7 66.0 99.0#
182 0.0 1.5 2.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Tgt Ion:188 Resp: 261710
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 12.9 10.4 15.6

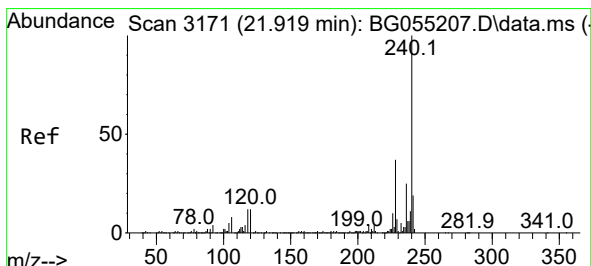
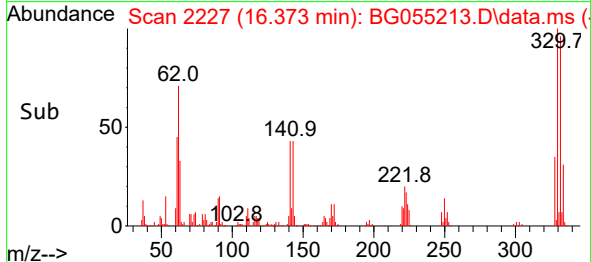
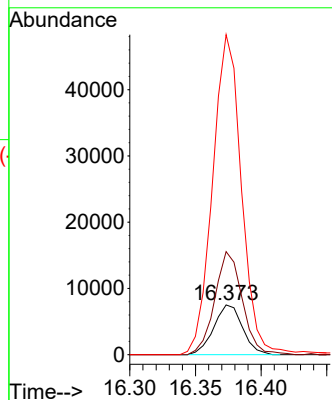
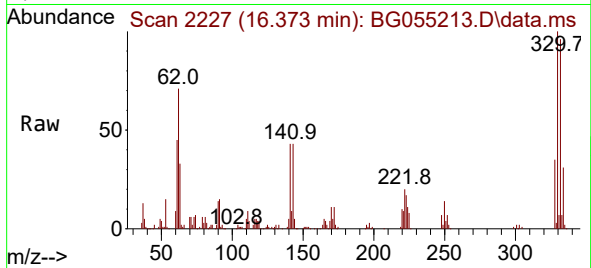




#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 16.373 min Scan# 211
Delta R.T. -0.440 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

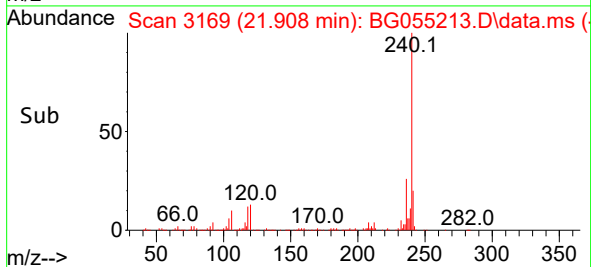
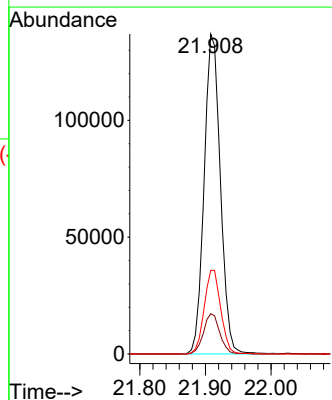
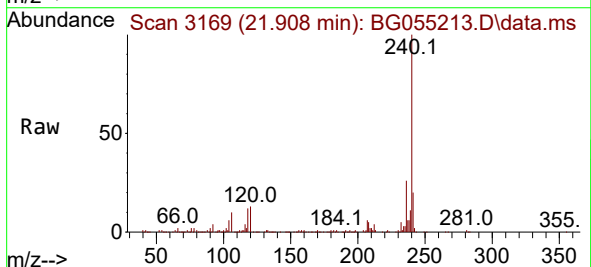
Instrument :
BNA_G
ClientSampleId :
PB148413BL

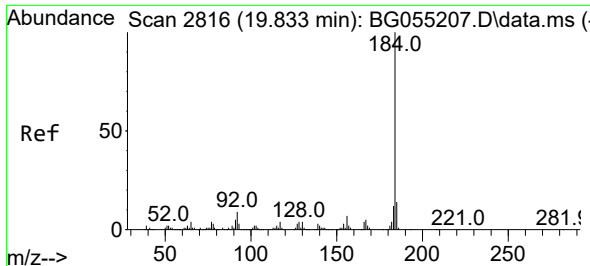
Tgt Ion:248 Resp: 11439
Ion Ratio Lower Upper
248 100
250 207.2 76.7 115.1#
141 642.9 65.3 97.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.011 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Tgt Ion:240 Resp: 236297
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.2 20.4 30.6

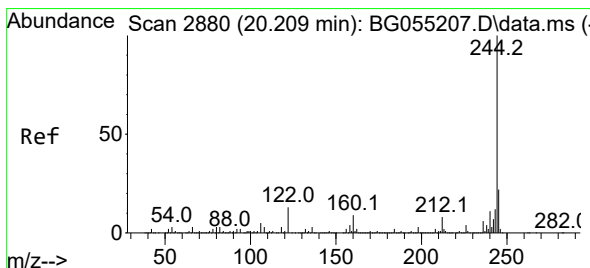
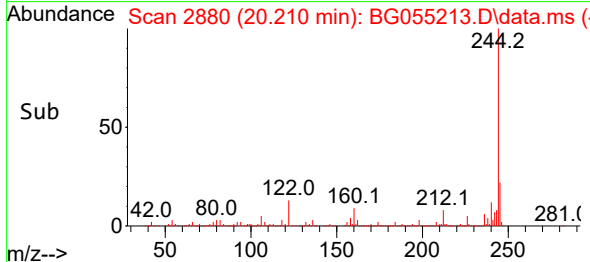
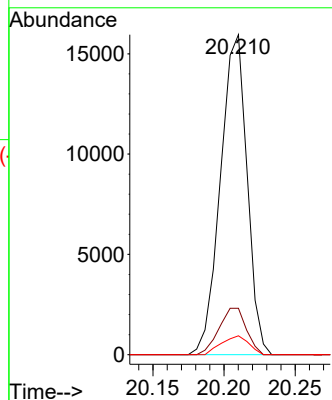
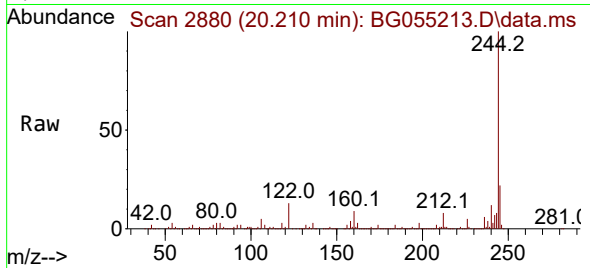




#77
Benzidine
Concen: 3.458 ng
RT: 20.210 min Scan# 2816
Delta R.T. 0.377 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

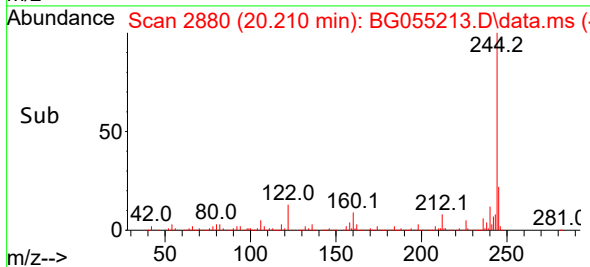
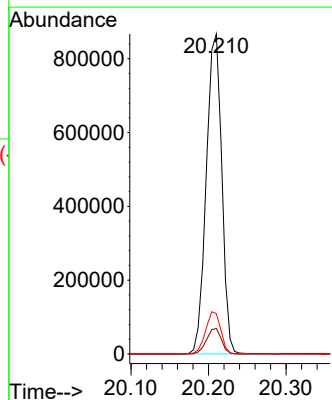
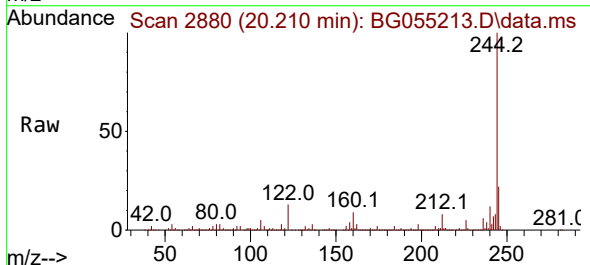
Instrument :
BNA_G
ClientSampleId :
PB148413BL

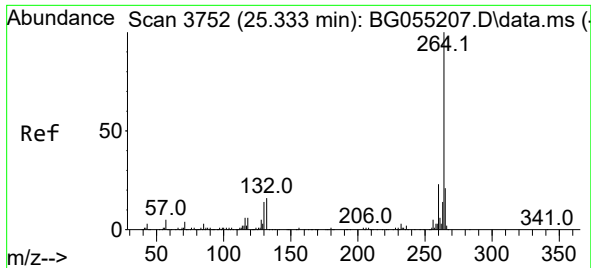
Tgt Ion:184 Resp: 20776
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 5.9 9.8 14.6#



#79
Terphenyl-d14
Concen: 94.879 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.001 min
Lab File: BG055213.D
Acq: 19 Oct 2022 19:54

Tgt Ion:244 Resp: 1203228
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 12.6 10.0 15.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.316 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG055213.D

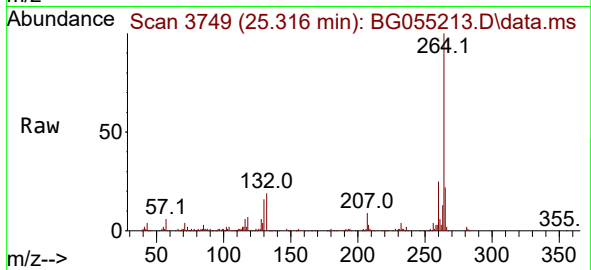
Acq: 19 Oct 2022 19:54

Instrument :

BNA_G

ClientSampleId :

PB148413BL



Tgt Ion:264 Resp: 241133

Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

265 22.1 17.1 25.7

