

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
 Data File : BG055955.D
 Acq On : 14 Dec 2022 00:01
 Operator : CG/JU
 Sample : PB149594BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149594BL

Quant Time: Dec 14 03:00:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

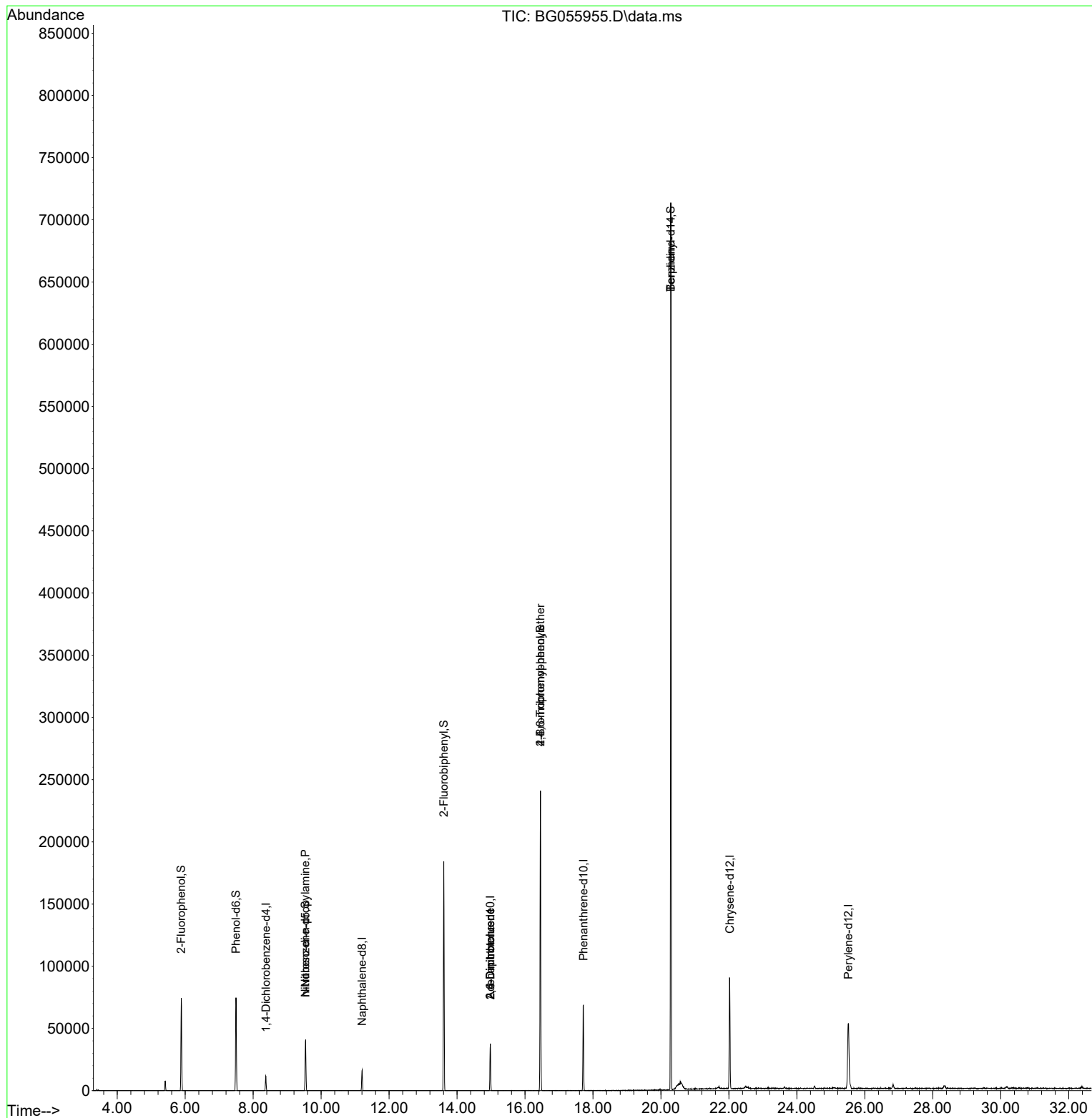
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.374	152	3917	20.000	ng	0.00
21) Naphthalene-d8	11.206	136	15368	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	15582	20.000	ng	0.00
64) Phenanthrene-d10	17.716	188	51692	20.000	ng	0.00
76) Chrysene-d12	22.022	240	70242	20.000	ng	0.00
86) Perylene-d12	25.512	264	77888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	29112	174.299	ng	0.00
7) Phenol-d6	7.492	99	35186	163.796	ng	0.00
23) Nitrobenzene-d5	9.537	82	21659	98.489	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	64422	171.459	ng	0.00
45) 2-Fluorobiphenyl	13.609	172	98593	88.740	ng	0.00
79) Terphenyl-d14	20.289	244	389003	97.879	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.537	70	3329	21.620	ng	# 61
51) 2,6-Dinitrotoluene	14.978	165	2013	9.656	ng	# 25
57) 2,4-Dinitrotoluene	14.978	165	2013	6.397	ng	# 35
67) 4-Bromophenyl-phenylether	16.452	248	3669	4.844	ng	# 1
77) Benzidine	20.289	184	5614	4.551	ng	# 91

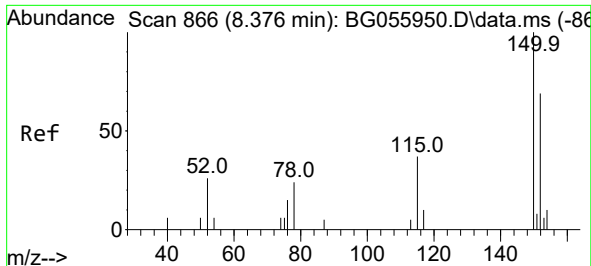
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055955.D
Acq On : 14 Dec 2022 00:01
Operator : CG/JU
Sample : PB149594BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149594BL

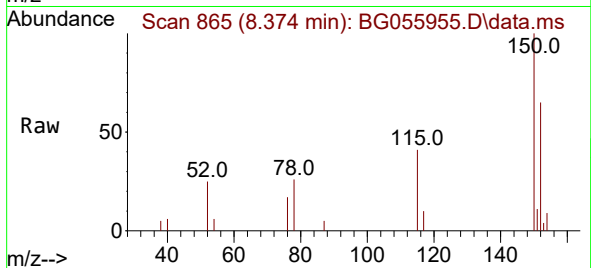
Quant Time: Dec 14 03:00:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration



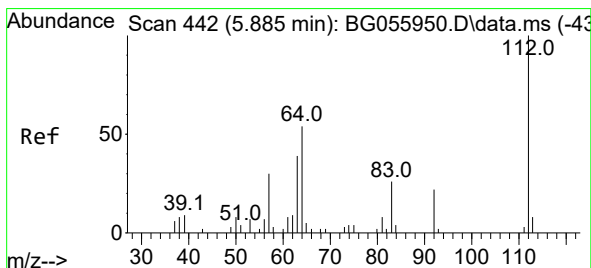
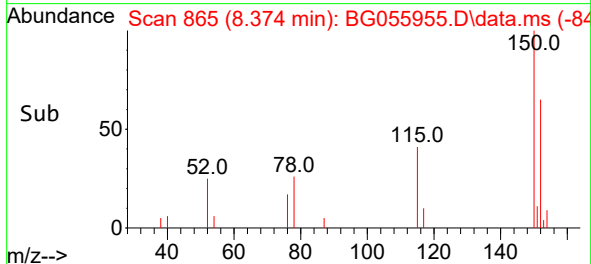
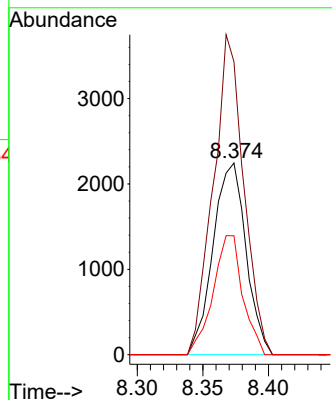


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.374 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Instrument :
BNA_G
ClientSampleId :
PB149594BL

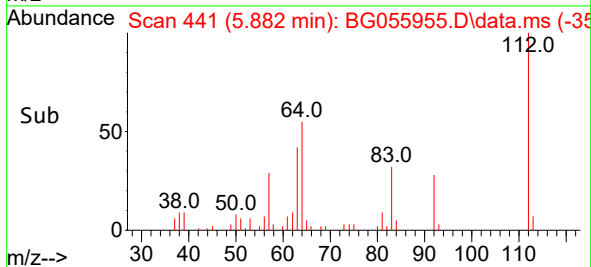
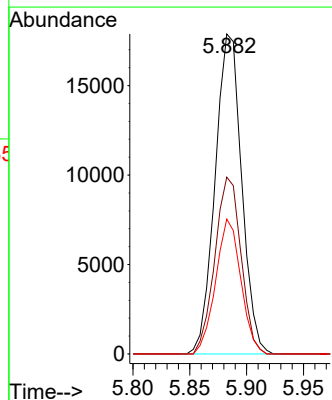
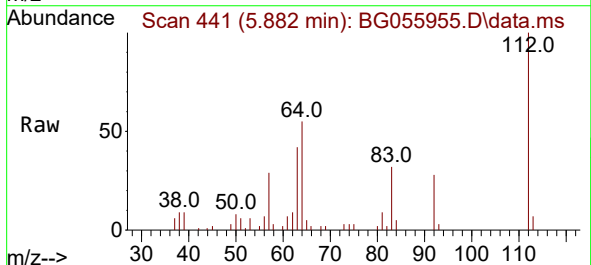


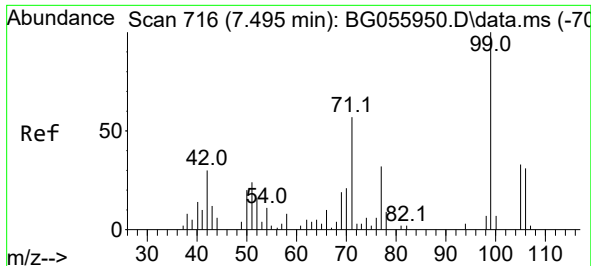
Tgt Ion:152 Resp: 3917
Ion Ratio Lower Upper
152 100
150 152.8 115.7 173.5
115 62.0 43.0 64.4



#5
2-Fluorophenol
Concen: 174.299 ng
RT: 5.882 min Scan# 441
Delta R.T. -0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion:112 Resp: 29112
Ion Ratio Lower Upper
112 100
64 55.2 43.0 64.4
63 42.2 31.4 47.2

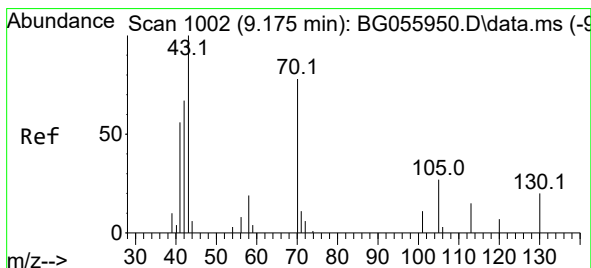
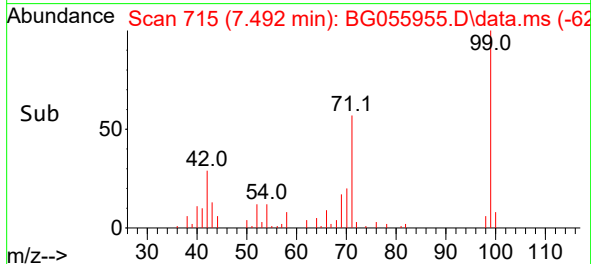
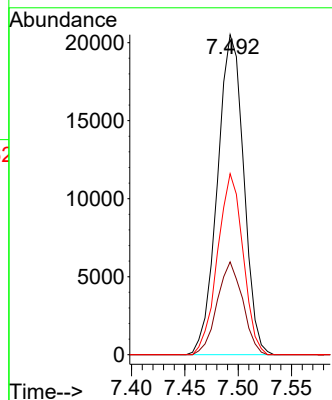
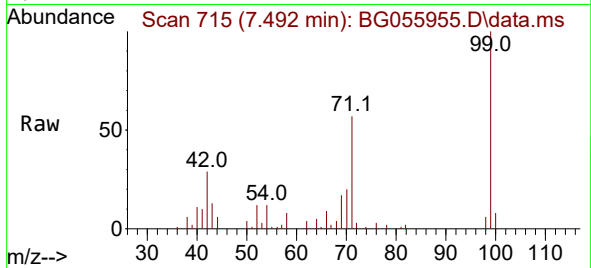




#7
Phenol-d6
Concen: 163.796 ng
RT: 7.492 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

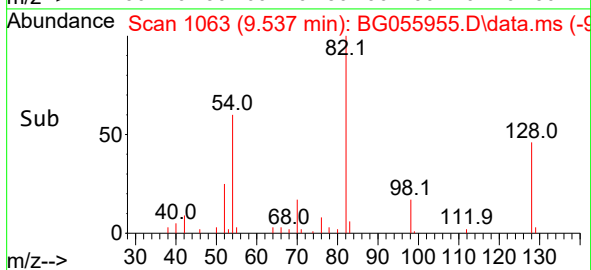
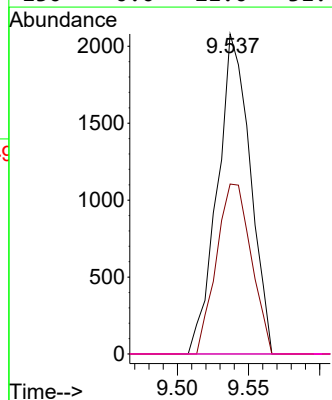
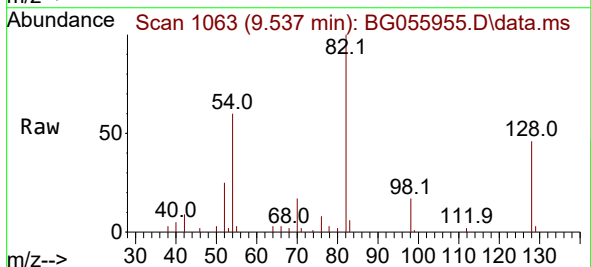
Instrument :
BNA_G
ClientSampleId :
PB149594BL

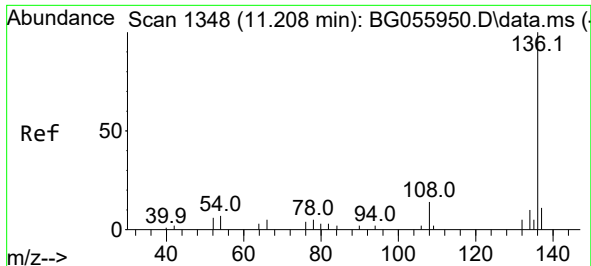
Tgt Ion: 99 Resp: 35186
Ion Ratio Lower Upper
99 100
42 29.0 24.3 36.5
71 56.6 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.620 ng
RT: 9.537 min Scan# 1063
Delta R.T. 0.361 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion: 70 Resp: 3329
Ion Ratio Lower Upper
70 100
42 53.1 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

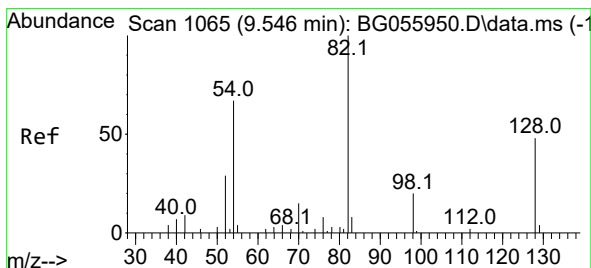
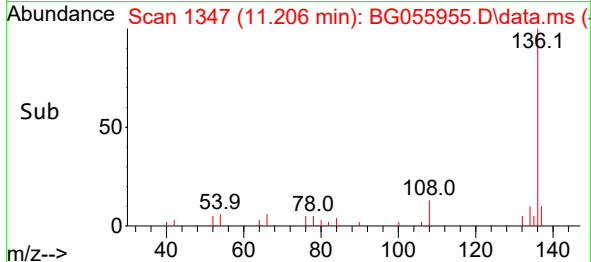
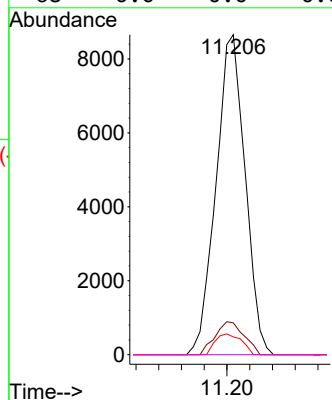
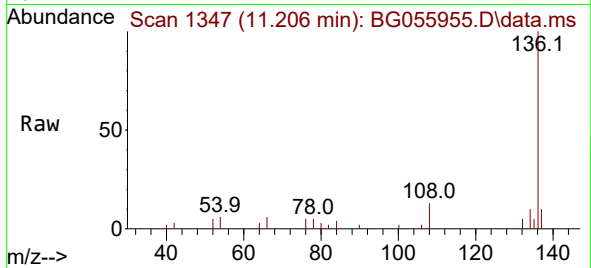




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.206 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

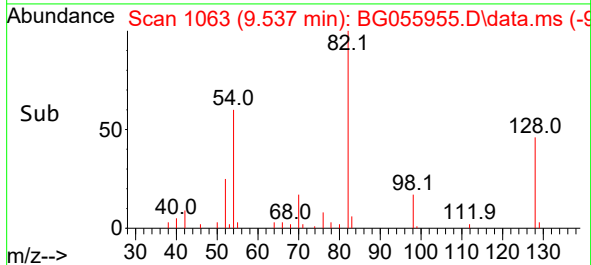
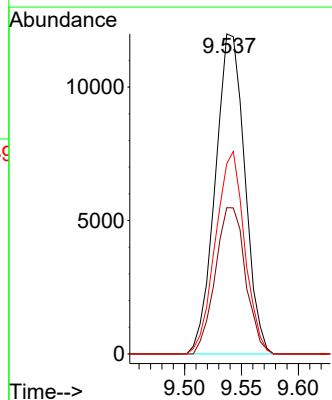
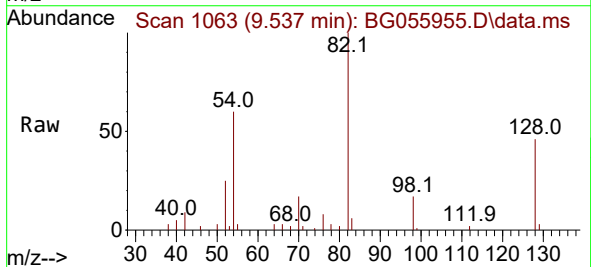
Instrument :
BNA_G
ClientSampleId :
PB149594BL

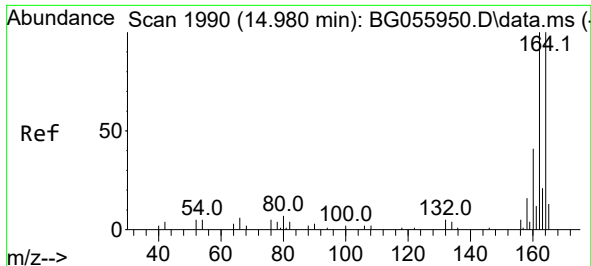
Tgt Ion:136 Resp: 15368
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 5.6 5.6 8.4#
68 0.0 0.0 0.0



#23
Nitrobenzene-d5
Concen: 98.489 ng
RT: 9.537 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion: 82 Resp: 21659
Ion Ratio Lower Upper
82 100
128 45.7 38.4 57.6
54 59.5 53.3 79.9

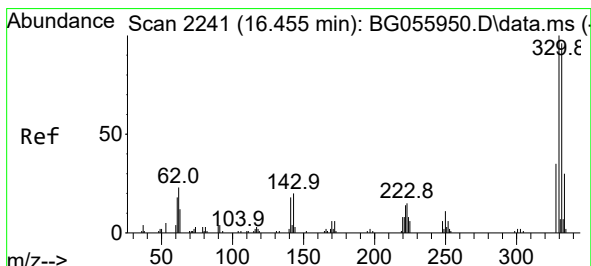
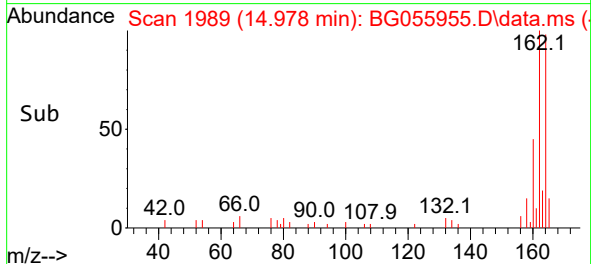
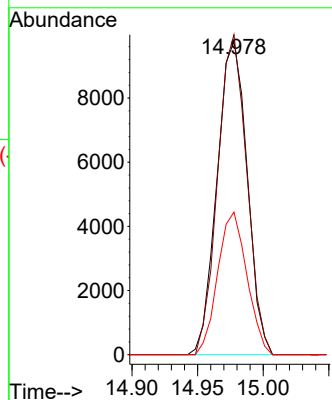
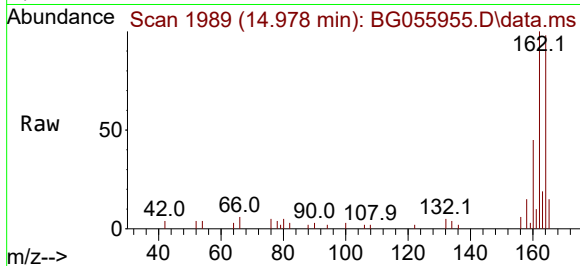




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.978 min Scan# 1990
 Delta R.T. -0.003 min
 Lab File: BG055955.D
 Acq: 14 Dec 2022 00:01

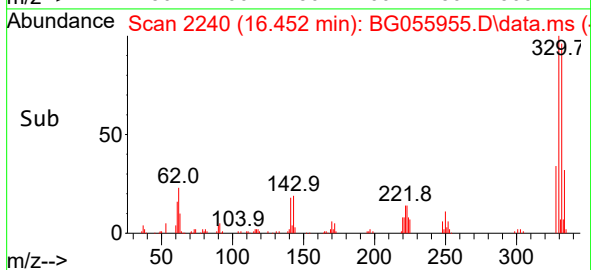
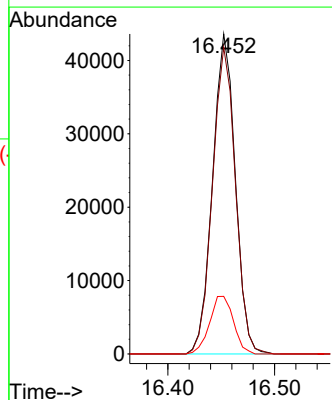
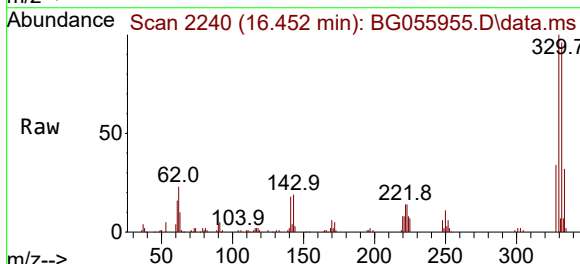
Instrument :
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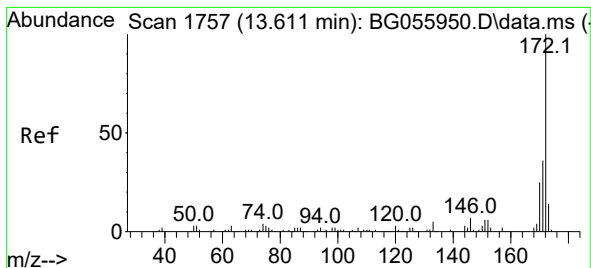
Tgt Ion:164 Resp: 15582
 Ion Ratio Lower Upper
 164 100
 162 102.1 79.8 119.8
 160 45.5 33.0 49.4



#42
 2,4,6-Tribromophenol
 Concen: 171.459 ng
 RT: 16.452 min Scan# 2240
 Delta R.T. -0.003 min
 Lab File: BG055955.D
 Acq: 14 Dec 2022 00:01

Tgt Ion:330 Resp: 64422
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 18.9 15.0 22.4

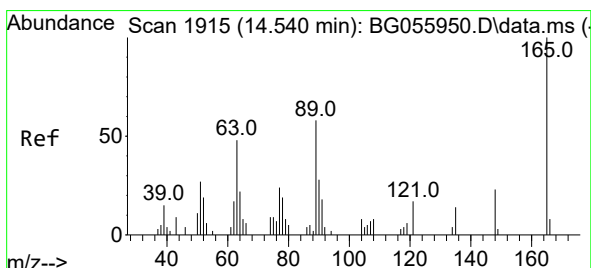
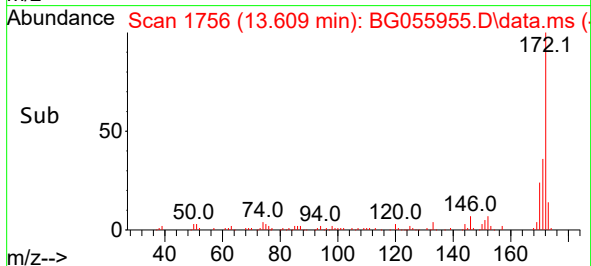
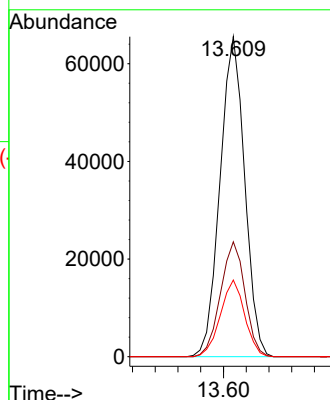
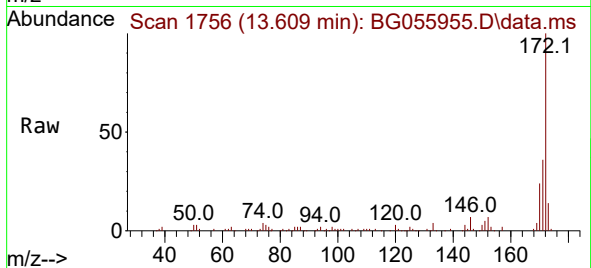




#45
2-Fluorobiphenyl
Concen: 88.740 ng
RT: 13.609 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

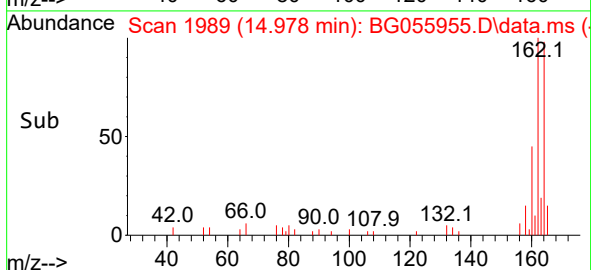
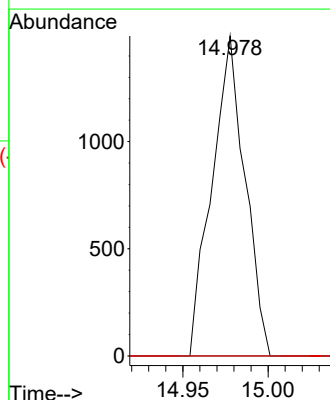
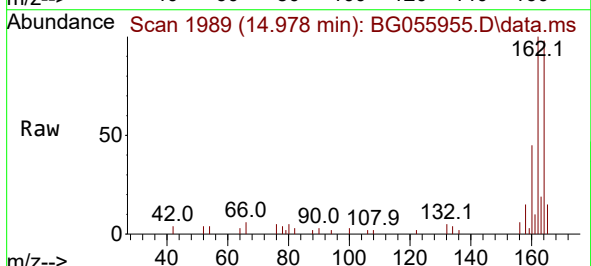
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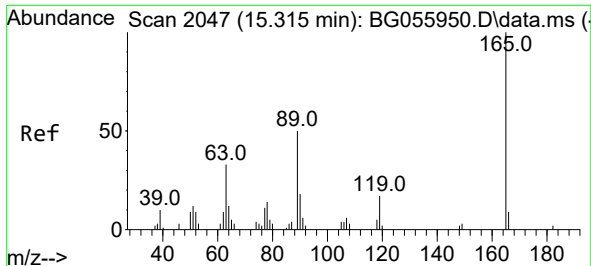
Tgt Ion:172 Resp: 98593
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.0 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 9.656 ng
RT: 14.978 min Scan# 1989
Delta R.T. 0.438 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion:165 Resp: 2013
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#

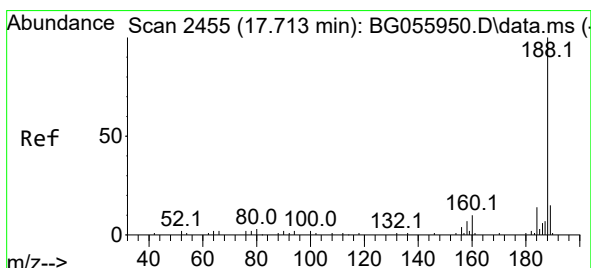
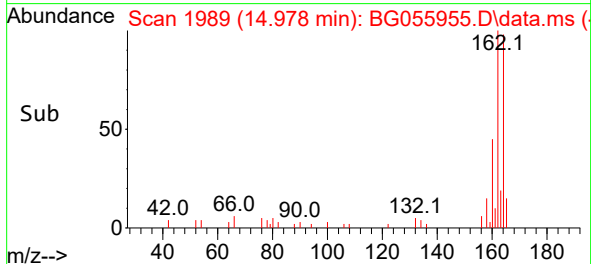
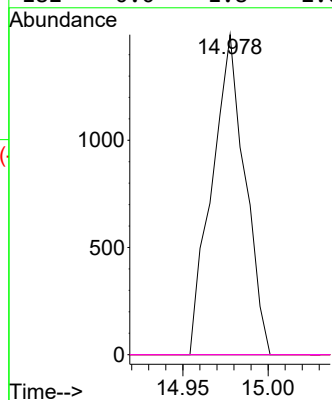
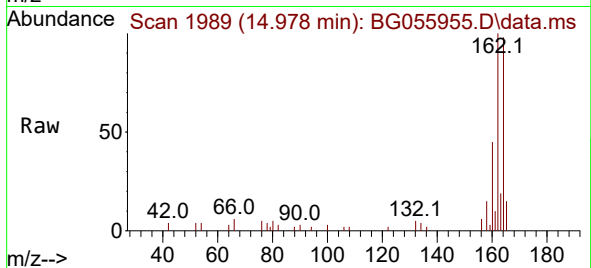




#57
2,4-Dinitrotoluene
Concen: 6.397 ng
RT: 14.978 min Scan# 1989
Delta R.T. -0.338 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

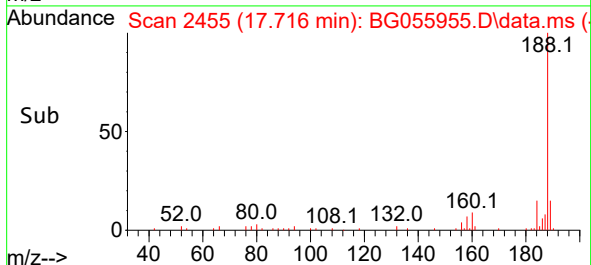
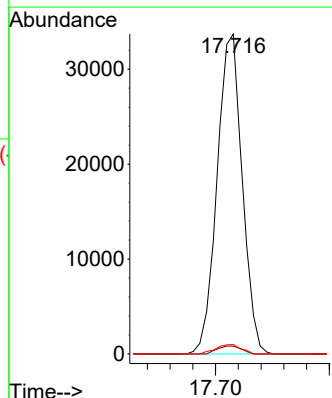
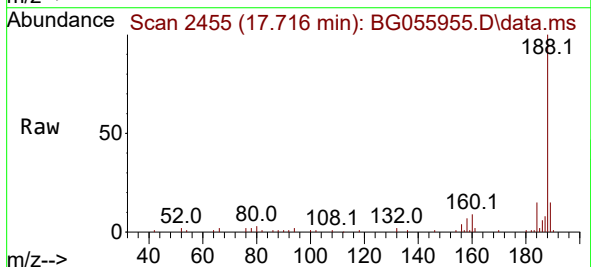
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BNA_G
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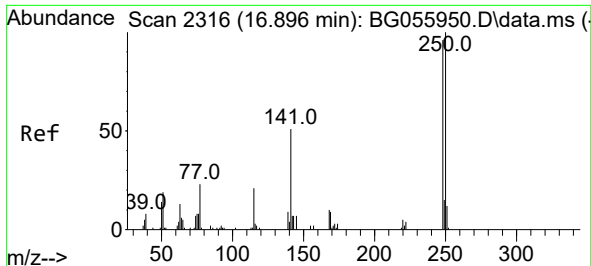
Tgt Ion:165 Resp: 2013
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.716 min Scan# 2455
Delta R.T. 0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion:188 Resp: 51692
Ion Ratio Lower Upper
188 100
94 2.5 1.8 2.8
80 2.9 2.4 3.6

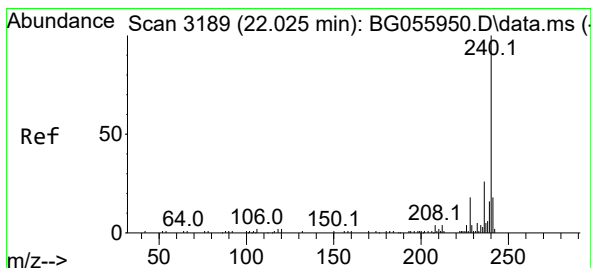
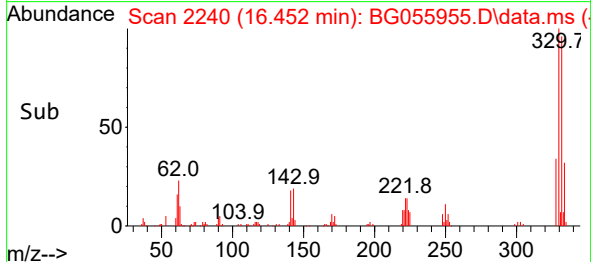
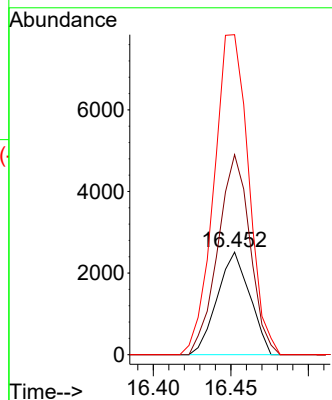
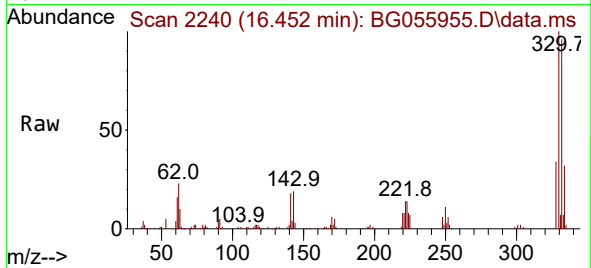




#67
4-Bromophenyl-phenylether
Concen: 4.844 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

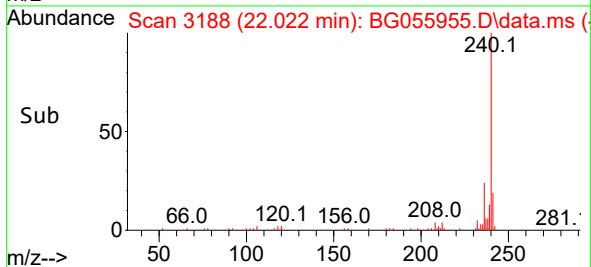
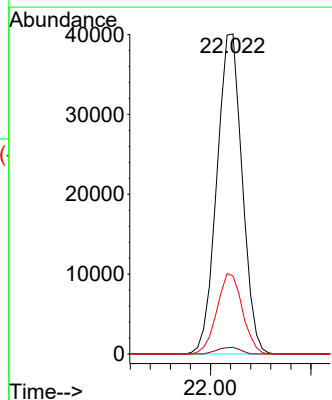
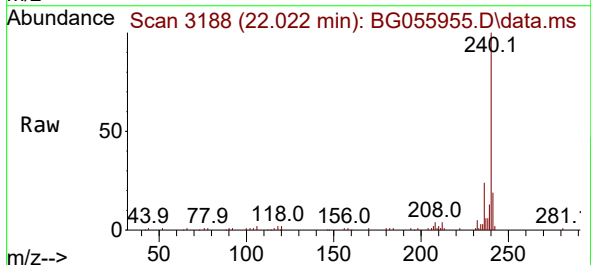
Instrument :
BNA_G
ClientSampleId :
PB149594BL

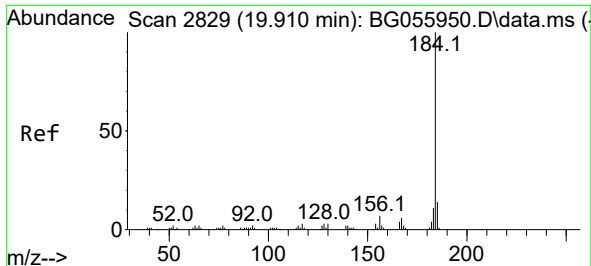
Tgt Ion:248 Resp: 3669
Ion Ratio Lower Upper
248 100
250 195.1 83.0 124.6#
141 312.1 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion:240 Resp: 70242
Ion Ratio Lower Upper
240 100
120 2.1 1.7 2.5
236 24.4 21.1 31.7

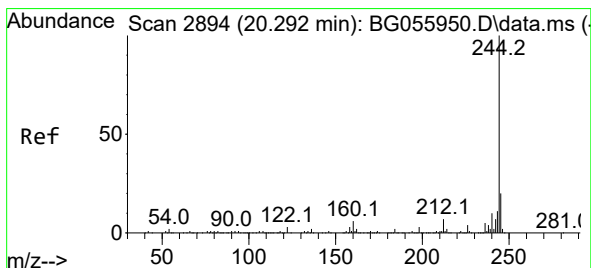
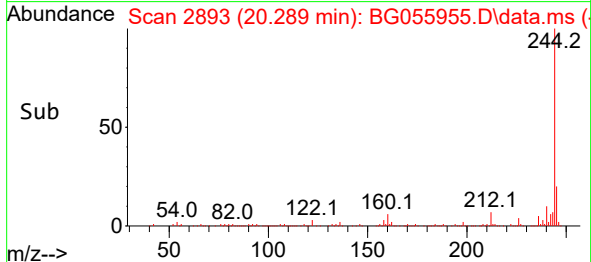
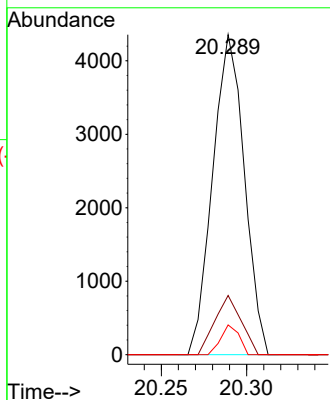
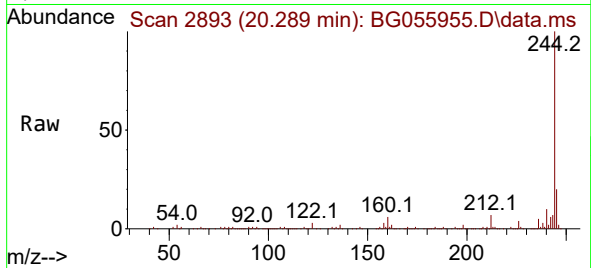




#77
Benzidine
Concen: 4.551 ng
RT: 20.289 min Scan# 2893
Delta R.T. 0.379 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

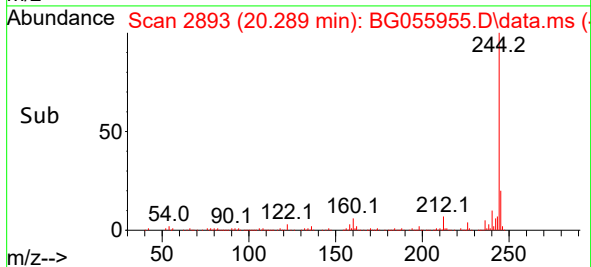
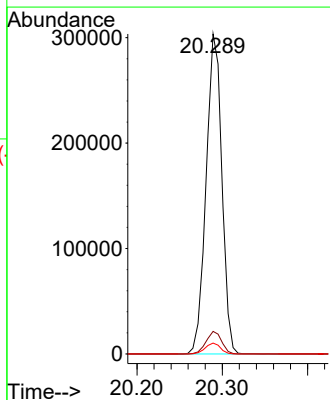
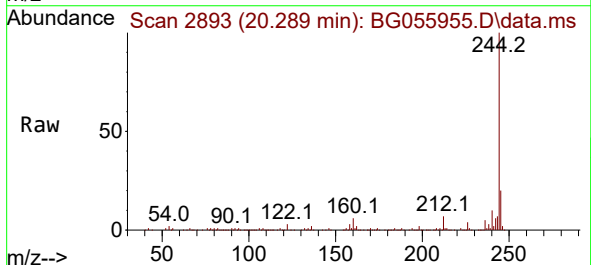
Instrument :
BNA_G
ClientSampleId :
PB149594BL

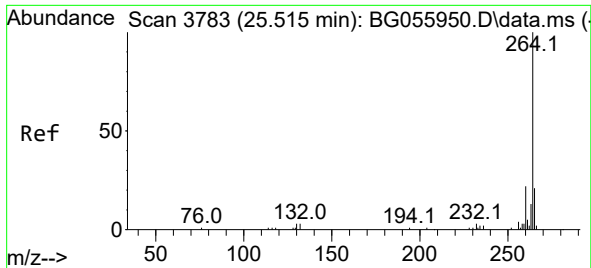
Tgt Ion:184 Resp: 5614
Ion Ratio Lower Upper
184 100
185 18.5 10.9 16.3#
183 9.3 9.2 13.8



#79
Terphenyl-d14
Concen: 97.879 ng
RT: 20.289 min Scan# 2893
Delta R.T. -0.003 min
Lab File: BG055955.D
Acq: 14 Dec 2022 00:01

Tgt Ion:244 Resp: 389003
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 3.4 2.5 3.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.512 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055955.D

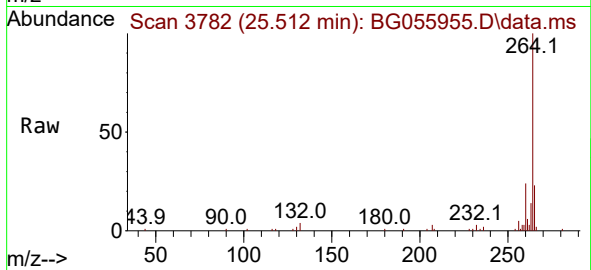
Acq: 14 Dec 2022 00:01

Instrument :

BNA_G

ClientSampleId :

PB149594BL



Tgt Ion:264 Resp: 77888

Ion Ratio Lower Upper

264 100

260 23.6 17.8 26.8

265 22.7 16.6 25.0

