

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
 Data File : BG055212.D
 Acq On : 19 Oct 2022 19:13
 Operator : CG/JU
 Sample : PB148386BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148386BL

Quant Time: Oct 20 09:40:33 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)

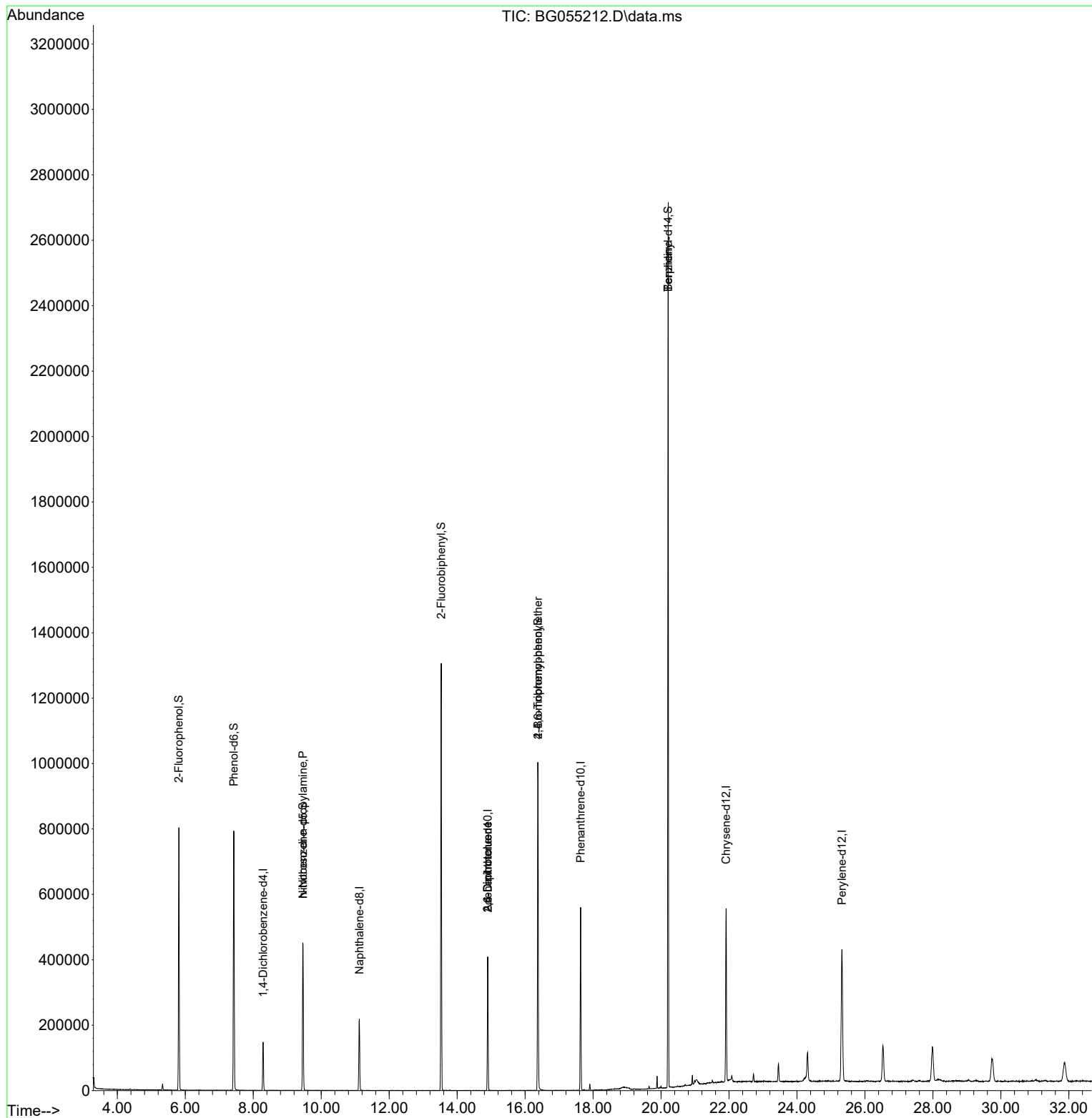
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	41108	20.000	ng	0.00
21) Naphthalene-d8	11.120	136	188197	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	131547	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	327420	20.000	ng	0.00
76) Chrysene-d12	21.914	240	299906	20.000	ng	0.00
86) Perylene-d12	25.321	264	299517	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	332865	145.682	ng	0.00
7) Phenol-d6	7.425	99	463231	133.050	ng	0.00
23) Nitrobenzene-d5	9.458	82	285732	73.298	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	178391	130.872	ng	0.00
45) 2-Fluorobiphenyl	13.529	172	631163	76.639	ng	0.00
79) Terphenyl-d14	20.210	244	1197061	74.373	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.458	70	37668	12.614	ng	# 81
51) 2,6-Dinitrotoluene	14.898	165	17481	8.420	ng	# 16
57) 2,4-Dinitrotoluene	14.898	165	17481	6.022	ng	# 17
67) 4-Bromophenyl-phenylether	16.379	248	11798	3.697	ng	# 1
77) Benzidine	20.210	184	20490	2.687	ng	# 93

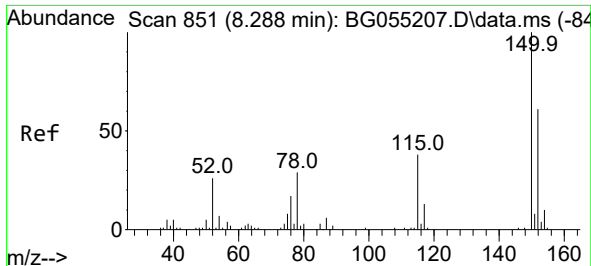
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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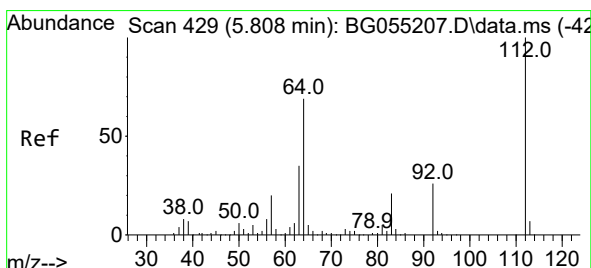
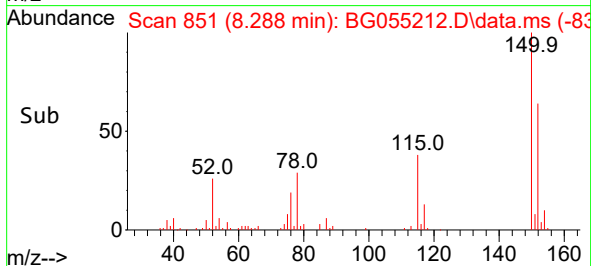
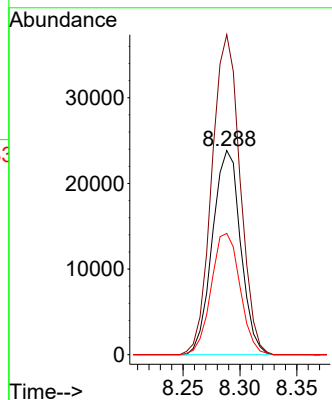
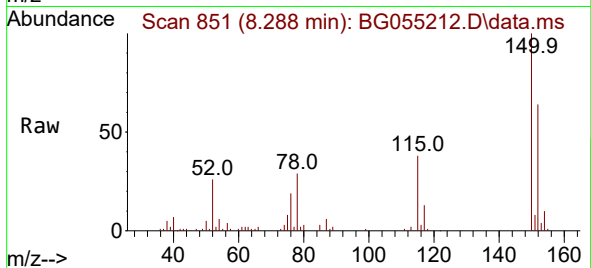




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.288 min Scan# 851
Delta R.T. 0.000 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

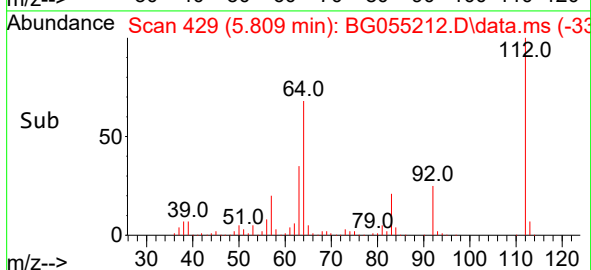
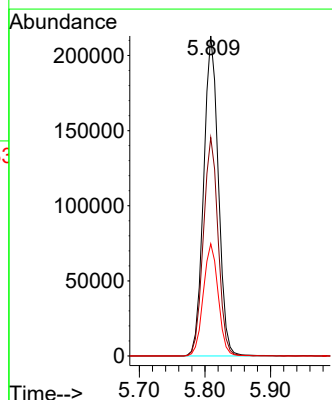
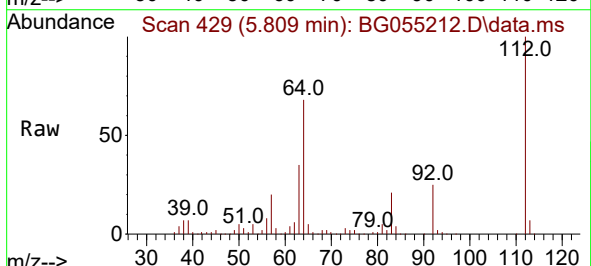
Instrument :
BNA_G
ClientSampleId :
PB148386BL

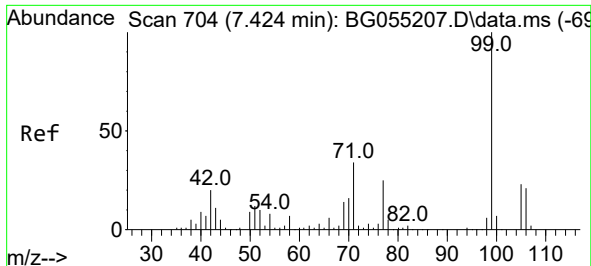
Tgt Ion:152 Resp: 41108
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 59.4 50.0 75.0



#5
2-Fluorophenol
Concen: 145.682 ng
RT: 5.809 min Scan# 429
Delta R.T. 0.001 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion:112 Resp: 332865
Ion Ratio Lower Upper
112 100
64 68.2 55.1 82.7
63 35.0 27.8 41.6

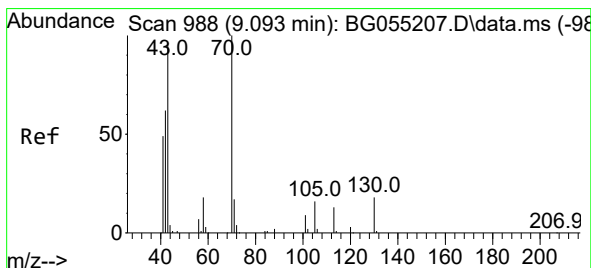
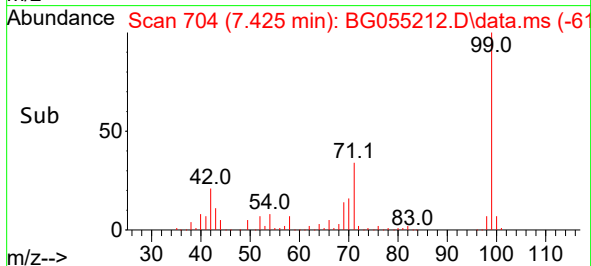
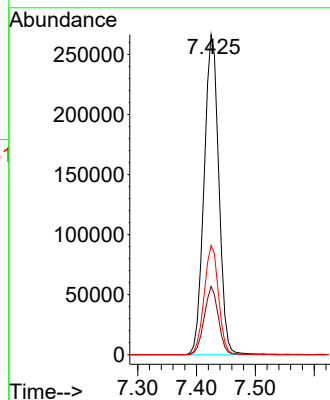
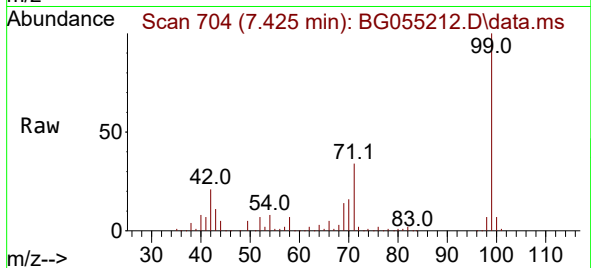




#7
Phenol-d6
Concen: 133.050 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

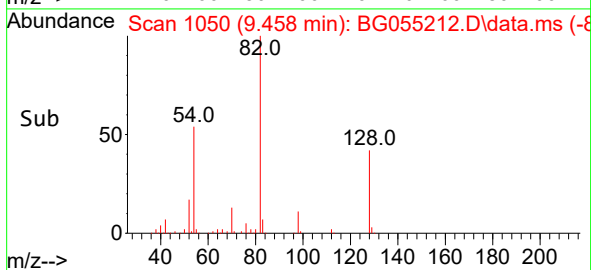
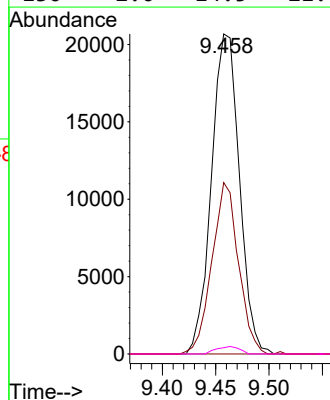
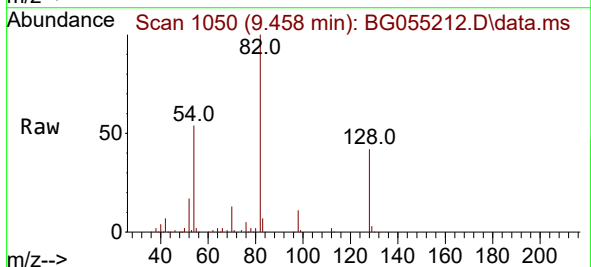
Instrument :
BNA_G
ClientSampleId :
PB148386BL

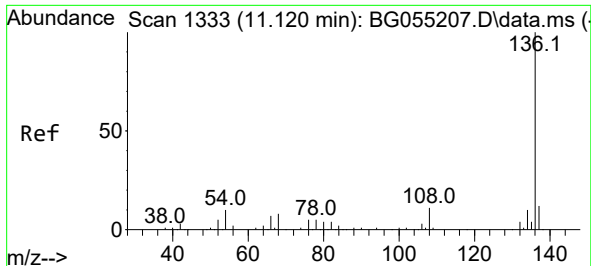
Tgt Ion: 99 Resp: 463231
Ion Ratio Lower Upper
99 100
42 21.3 16.2 24.4
71 34.1 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.614 ng
RT: 9.458 min Scan# 1050
Delta R.T. 0.365 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion: 70 Resp: 37668
Ion Ratio Lower Upper
70 100
42 53.5 50.8 76.2
101 0.0 7.0 10.6#
130 2.0 14.5 21.7#

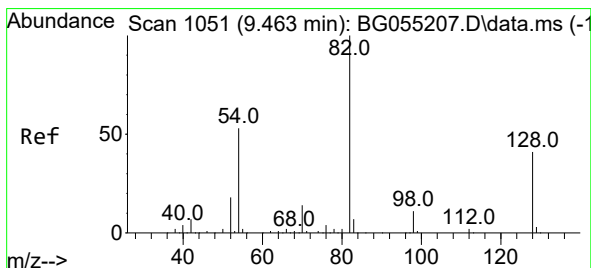
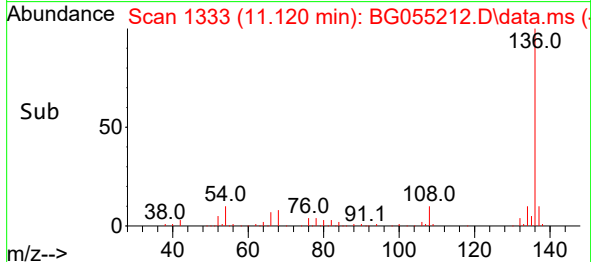
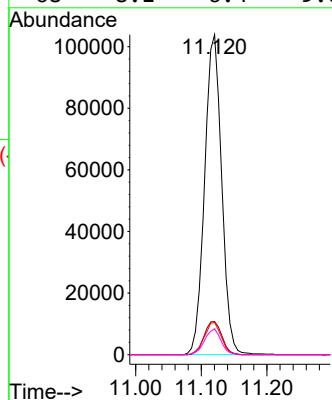
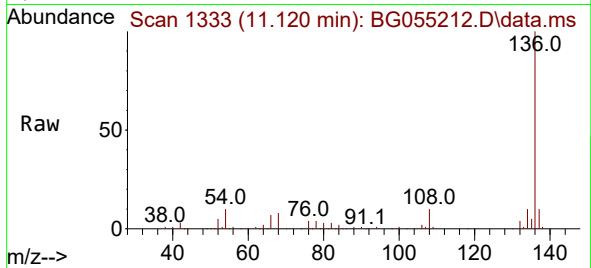




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.120 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

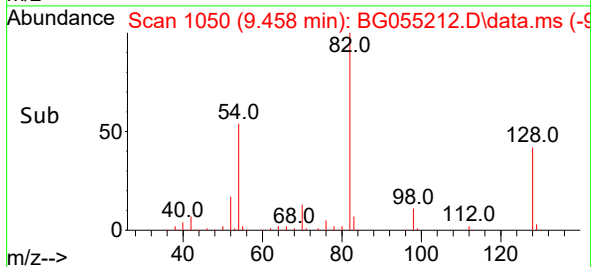
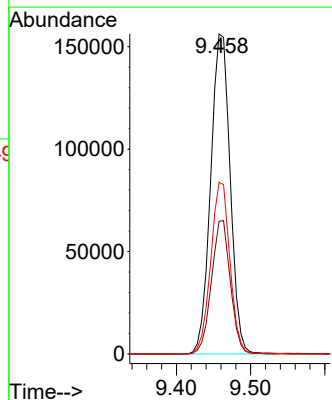
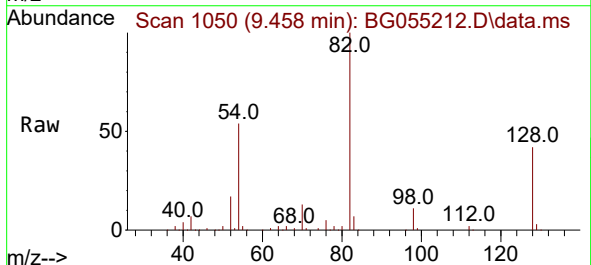
Instrument :
BNA_G
ClientSampleId :
PB148386BL

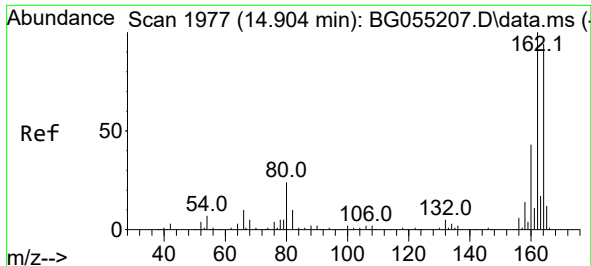
Tgt Ion:136 Resp: 188197
Ion Ratio Lower Upper
136 100
137 10.3 9.3 13.9
54 10.1 8.2 12.4
68 8.1 6.4 9.6



#23
Nitrobenzene-d5
Concen: 73.298 ng
RT: 9.458 min Scan# 1050
Delta R.T. -0.005 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion: 82 Resp: 285732
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 53.7 42.6 63.8

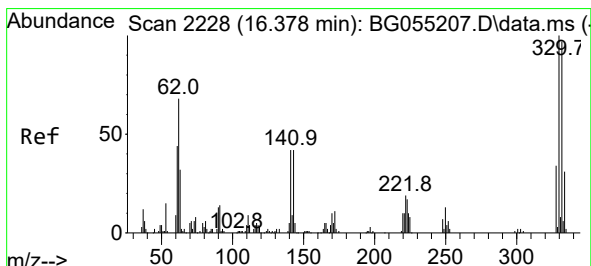
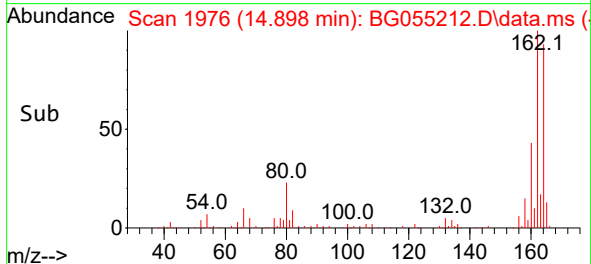
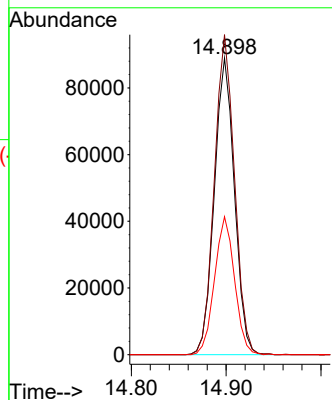
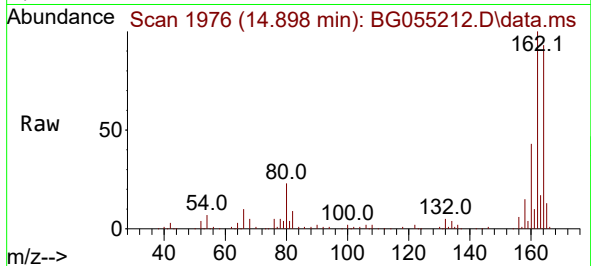




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

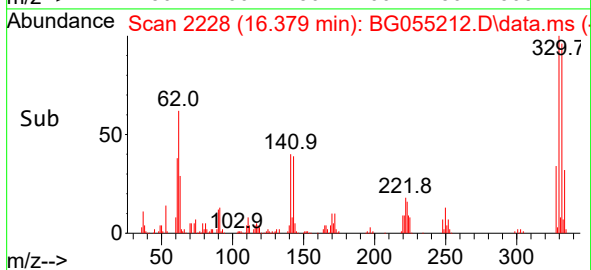
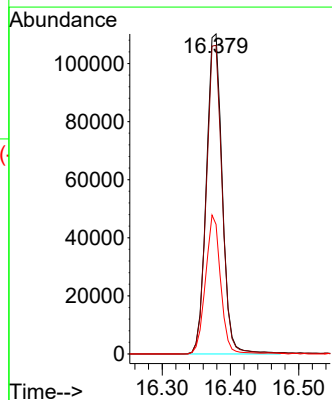
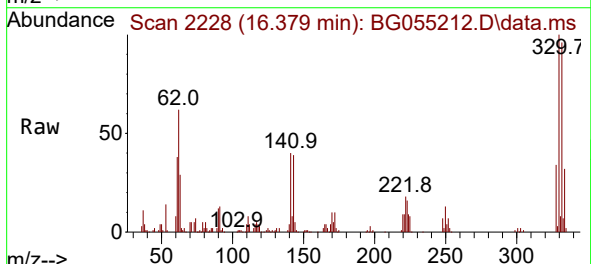
Instrument :
BNA_G
ClientSampleId :
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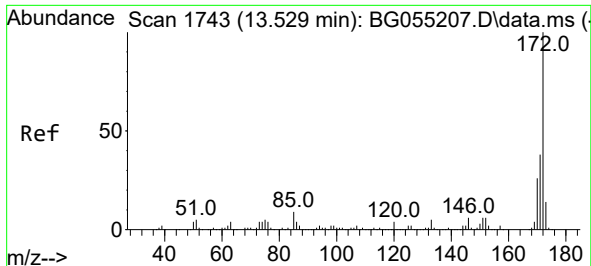
Tgt Ion:164 Resp: 131547
Ion Ratio Lower Upper
164 100
162 107.9 85.2 127.8
160 46.5 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 130.872 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion:330 Resp: 178391
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 41.3 33.5 50.3

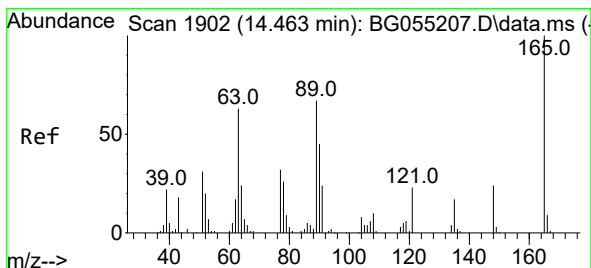
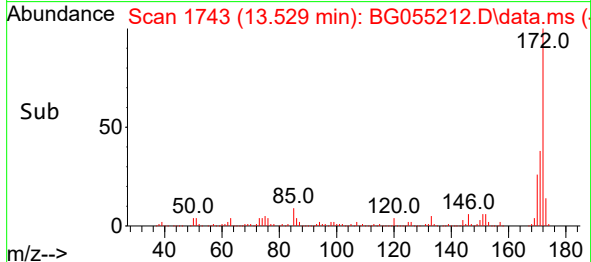
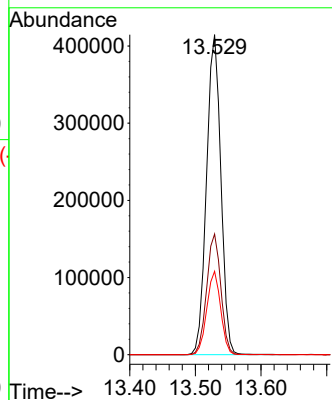
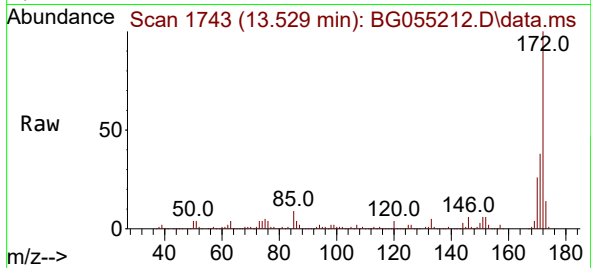




#45
2-Fluorobiphenyl
Concen: 76.639 ng
RT: 13.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

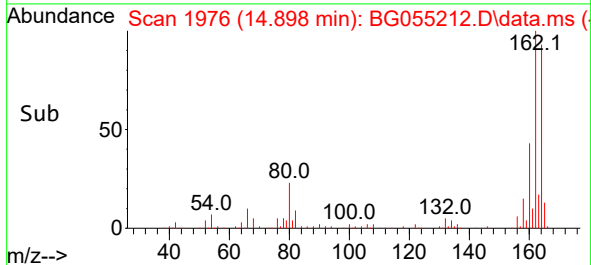
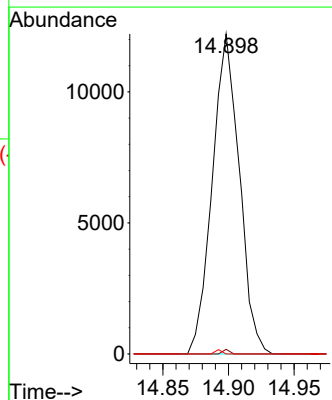
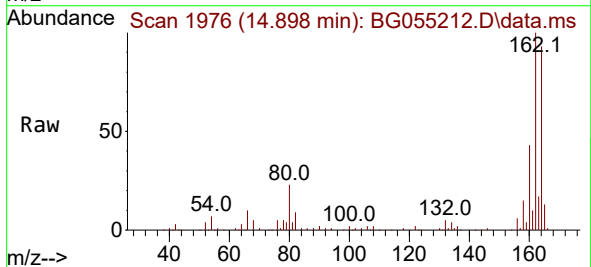
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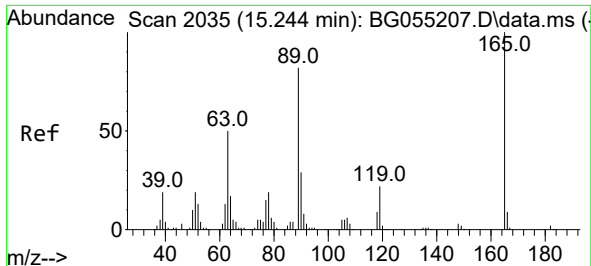
Tgt Ion:172 Resp: 631163
Ion Ratio Lower Upper
172 100
171 37.7 30.3 45.5
170 26.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.420 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.435 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion:165 Resp: 17481
Ion Ratio Lower Upper
165 100
63 1.4 56.1 84.1#
89 0.0 53.4 80.0#





#57

2,4-Dinitrotoluene

Concen: 6.022 ng

RT: 14.898 min Scan# 1976

Delta R.T. -0.346 min

Lab File: BG055212.D

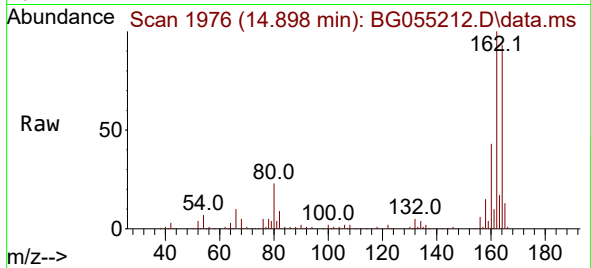
Acq: 19 Oct 2022 19:13

Instrument :

BNA_G

ClientSampleId :

PB148386BL



Tgt Ion:165 Resp: 17481

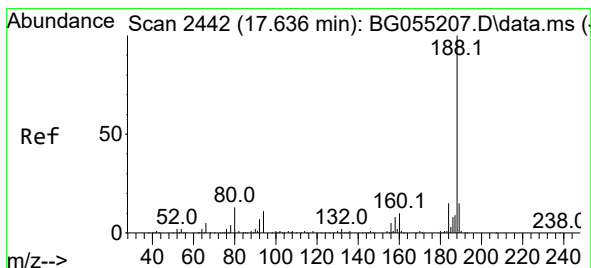
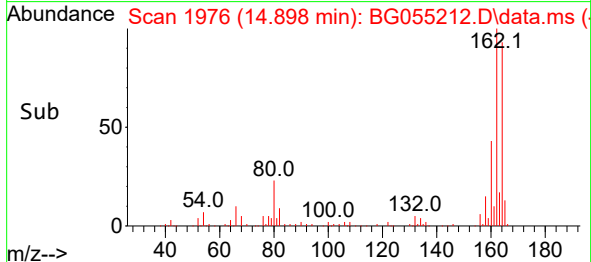
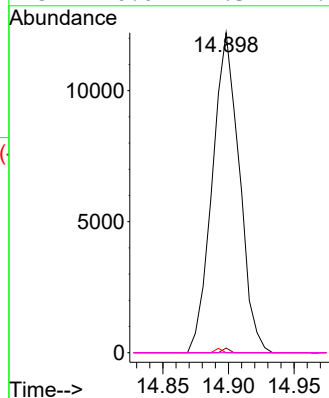
Ion Ratio Lower Upper

165 100

63 1.4 39.8 59.8#

89 0.0 66.0 99.0#

182 0.0 1.5 2.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG055212.D

Acq: 19 Oct 2022 19:13

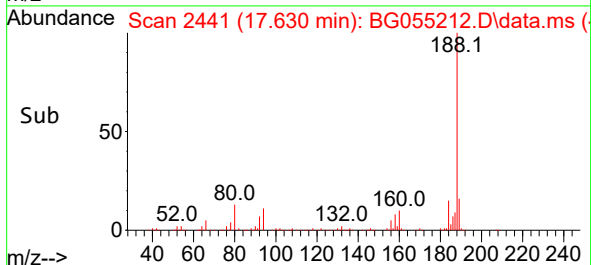
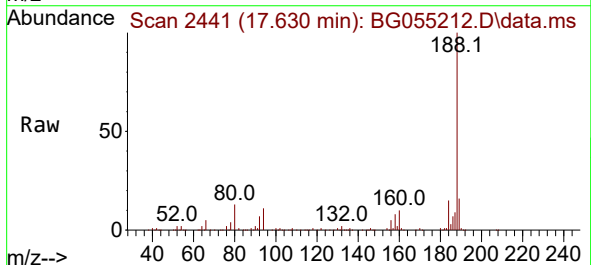
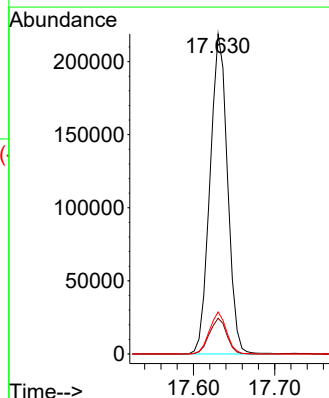
Tgt Ion:188 Resp: 327420

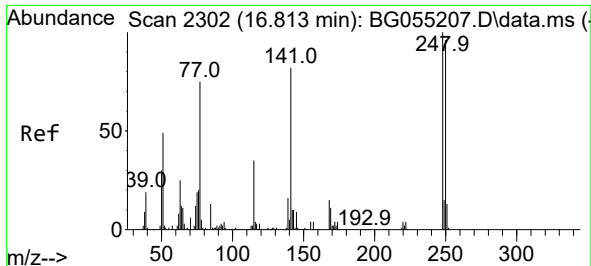
Ion Ratio Lower Upper

188 100

94 11.2 8.6 12.8

80 13.1 10.4 15.6

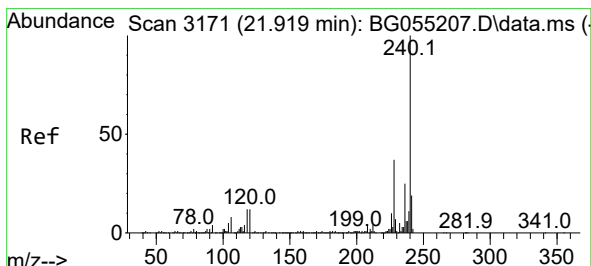
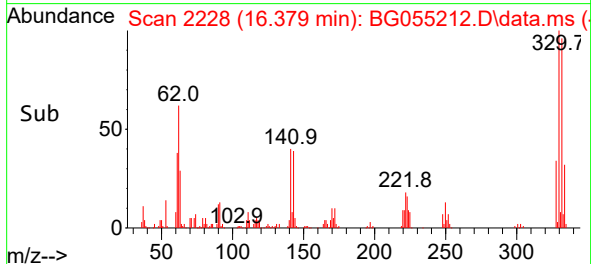
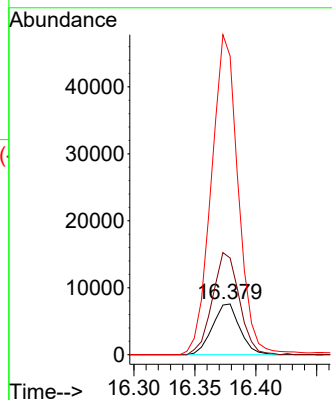
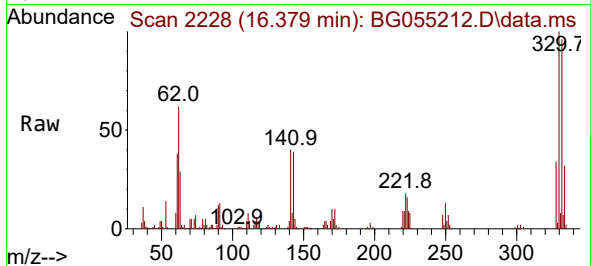




#67
4-Bromophenyl-phenylether
Concen: 3.697 ng
RT: 16.379 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

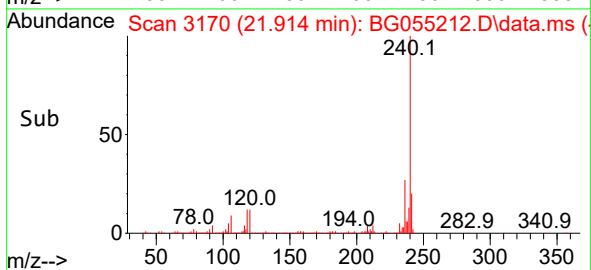
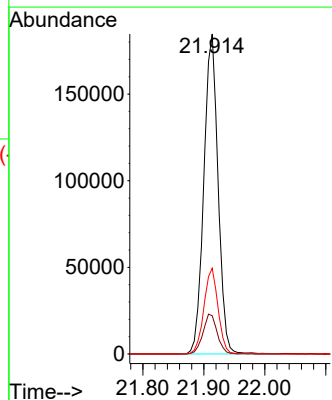
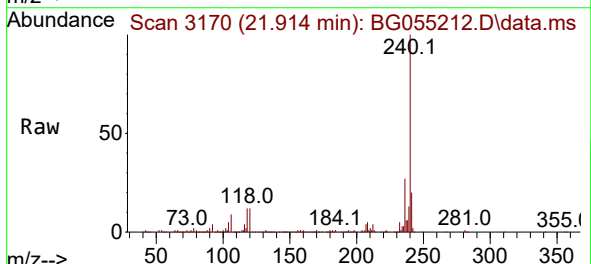
Instrument :
BNA_G
ClientSampleId :
PB148386BL

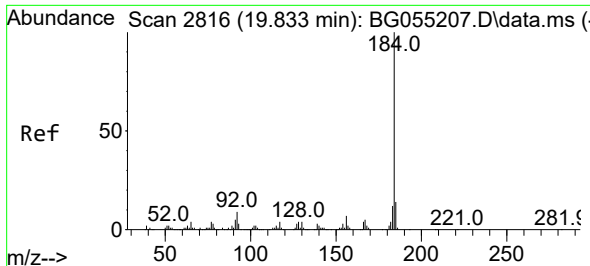
Tgt Ion:248 Resp: 11798
Ion Ratio Lower Upper
248 100
250 190.4 76.7 115.1#
141 588.8 65.3 97.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion:240 Resp: 299906
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.8 20.4 30.6

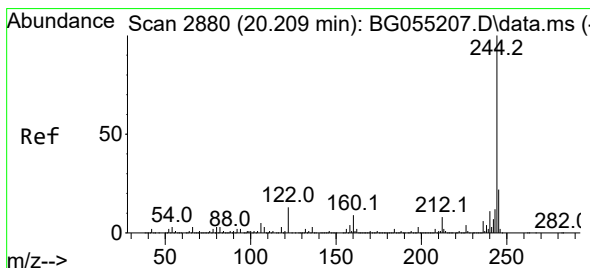
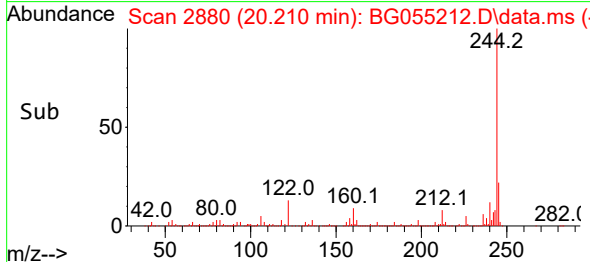
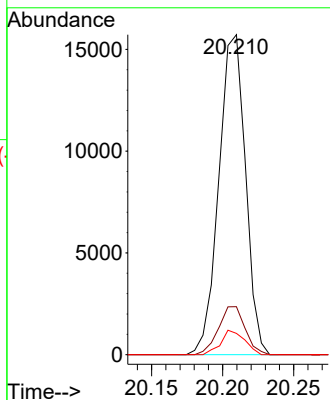
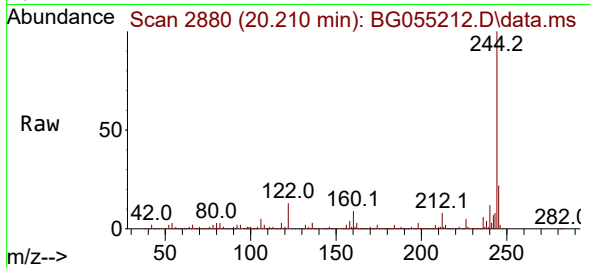




#77
Benzidine
Concen: 2.687 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.376 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

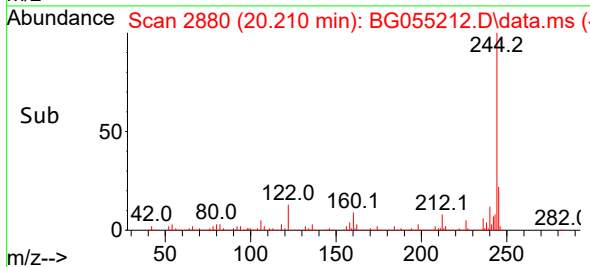
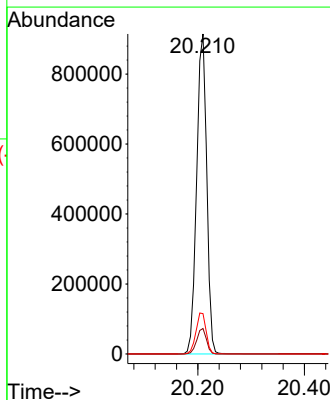
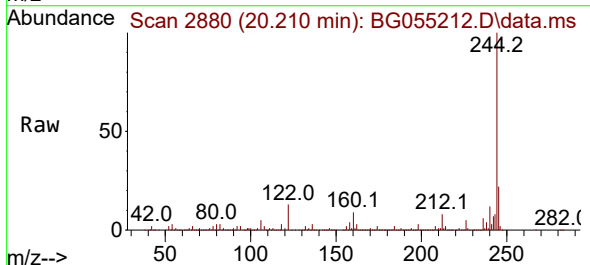
Instrument :
BNA_G
ClientSampleId :
PB148386BL

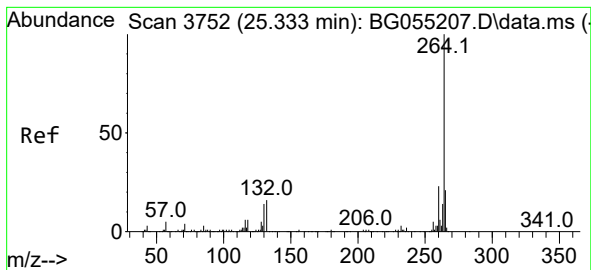
Tgt Ion:184 Resp: 20490
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 6.7 9.8 14.6#



#79
Terphenyl-d14
Concen: 74.373 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.001 min
Lab File: BG055212.D
Acq: 19 Oct 2022 19:13

Tgt Ion:244 Resp: 1197061
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: 25.321 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG055212.D

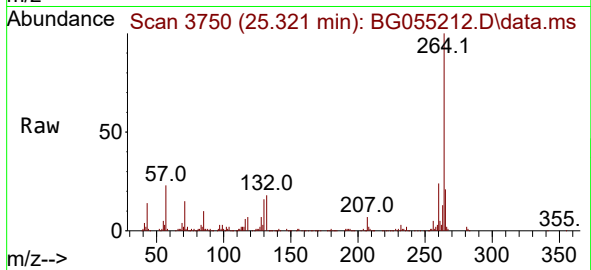
Acq: 19 Oct 2022 19:13

Instrument :

BNA_G

ClientSampleId :

PB148386BL



Tgt Ion:264 Resp: 299517

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.0 17.1 25.7

