

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055152.D
 Acq On : 13 Oct 2022 00:00
 Operator : CG/JU
 Sample : PB148287BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BL

Quant Time: Oct 13 05:39:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

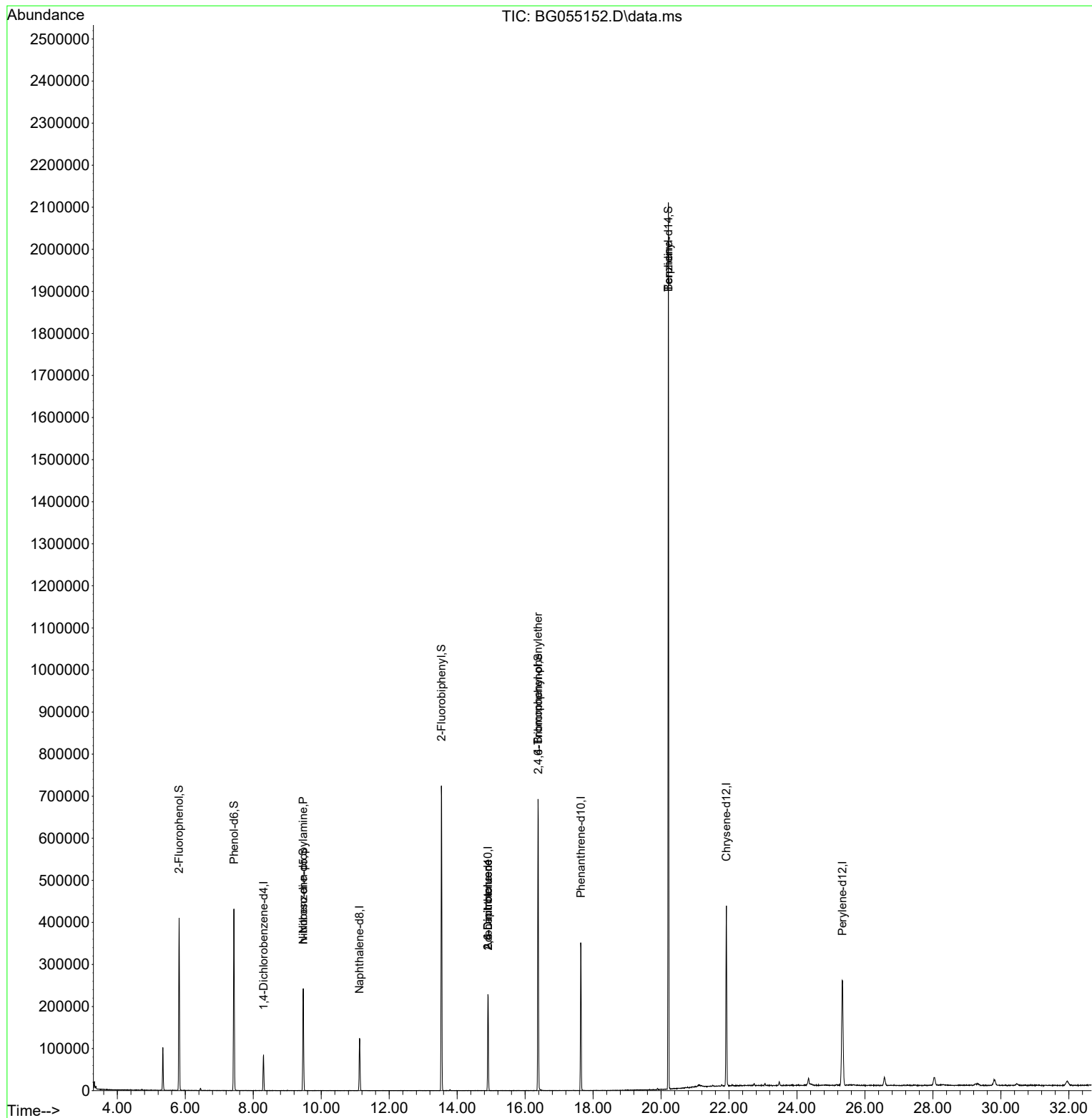
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	24384	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	108525	20.000	ng	0.00
39) Acenaphthene-d10	14.905	164	83386	20.000	ng	0.00
64) Phenanthrene-d10	17.637	188	235862	20.000	ng	0.00
76) Chrysene-d12	21.921	240	275794	20.000	ng	0.00
86) Perylene-d12	25.334	264	283304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	173115	138.901	ng	0.00
7) Phenol-d6	7.432	99	235599	127.789	ng	0.00
23) Nitrobenzene-d5	9.471	82	147248	72.758	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	143472	119.744	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	380584	74.557	ng	0.00
79) Terphenyl-d14	20.217	244	1046211	76.401	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.471	70	20173	13.558	ng	# 83
51) 2,6-Dinitrotoluene	14.905	165	10612	7.693	ng	# 21
57) 2,4-Dinitrotoluene	14.905	165	10612	5.253	ng	# 23
67) 4-Bromophenyl-phenylether	16.380	248	8579	3.337	ng	# 1
77) Benzidine	20.217	184	15623	2.526	ng	# 88

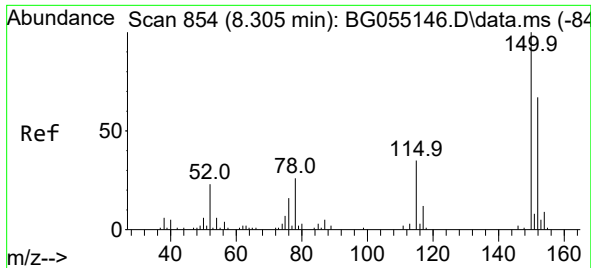
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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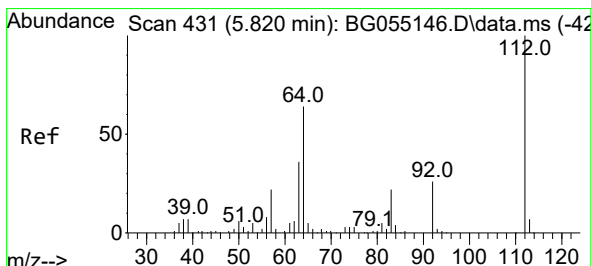
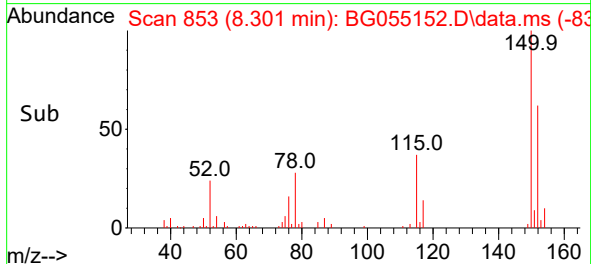
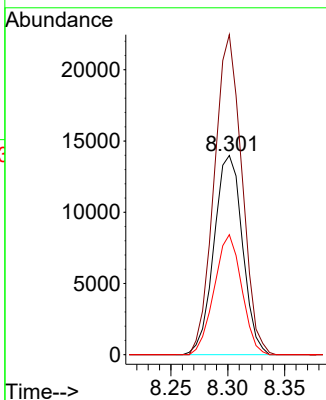
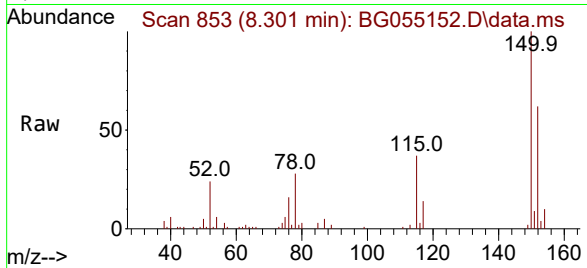




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

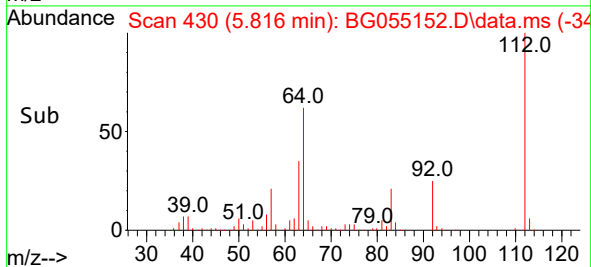
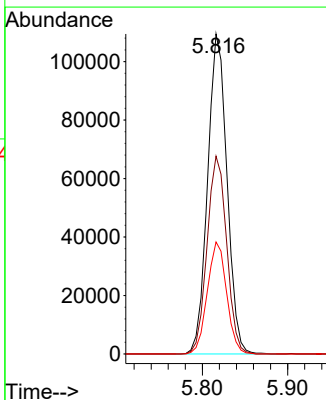
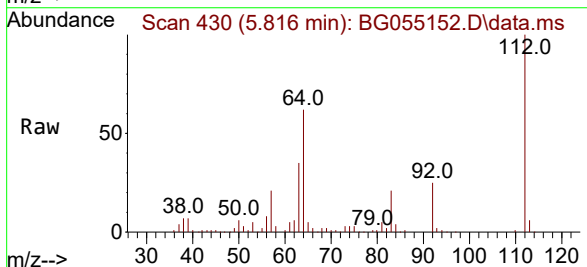
Instrument :
BNA_G
ClientSampleId :
PB148287BL

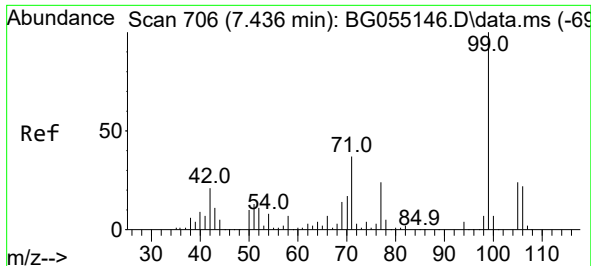
Tgt Ion:152 Resp: 24384
Ion Ratio Lower Upper
152 100
150 160.7 119.7 179.5
115 60.2 42.4 63.6



#5
2-Fluorophenol
Concen: 138.901 ng
RT: 5.816 min Scan# 430
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:112 Resp: 173115
Ion Ratio Lower Upper
112 100
64 61.8 50.9 76.3
63 35.0 29.0 43.6

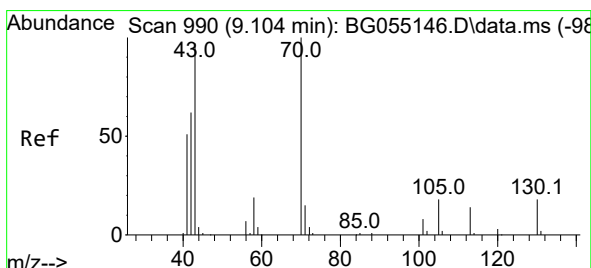
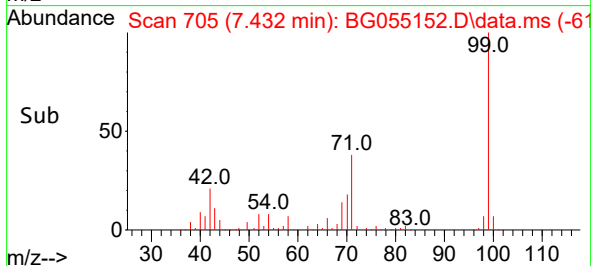
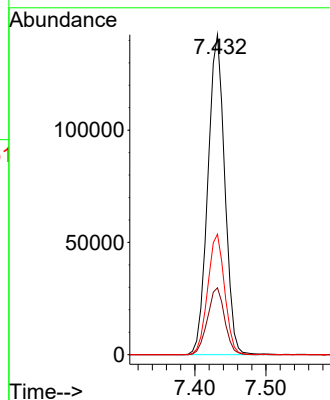
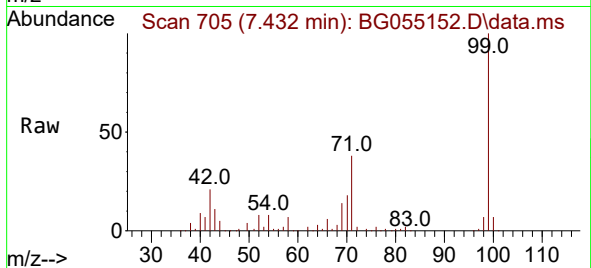




#7
Phenol-d6
Concen: 127.789 ng
RT: 7.432 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

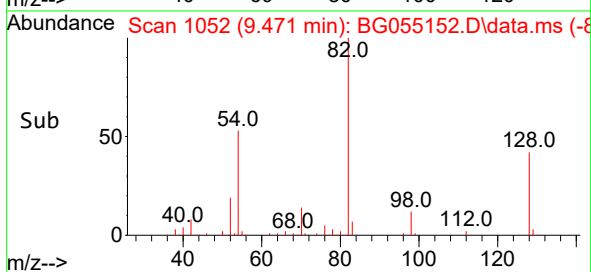
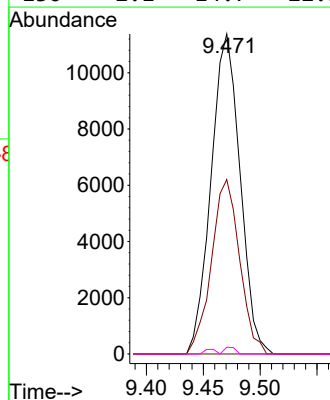
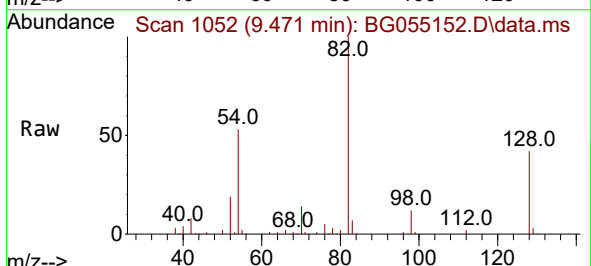
Instrument :
BNA_G
ClientSampleId :
PB148287BL

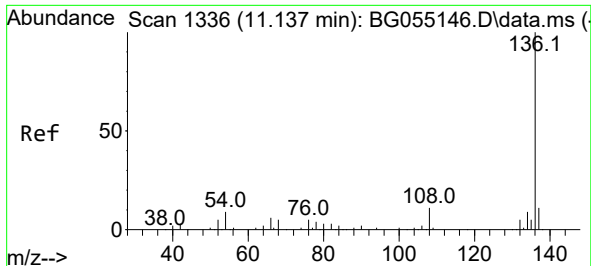
Tgt Ion: 99 Resp: 235599
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 37.7 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.558 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.366 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion: 70 Resp: 20173
Ion Ratio Lower Upper
70 100
42 54.5 50.1 75.1
101 0.0 6.6 10.0#
130 2.1 14.7 22.1#

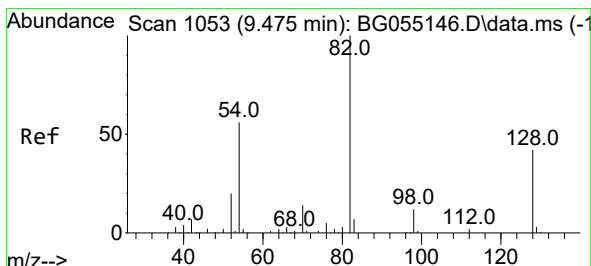
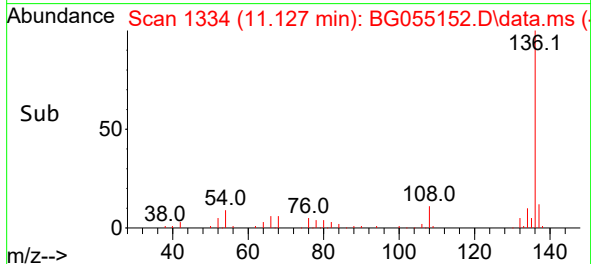
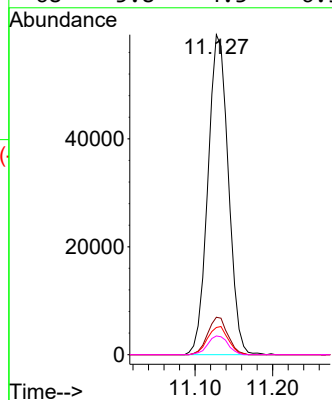
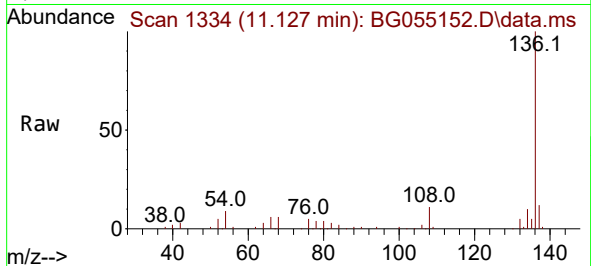




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

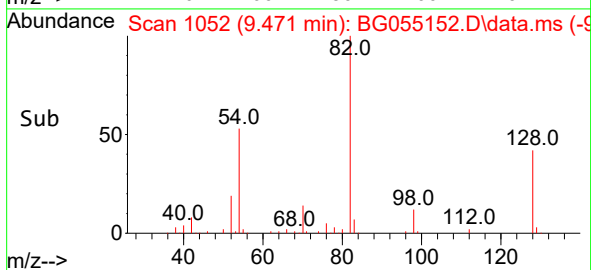
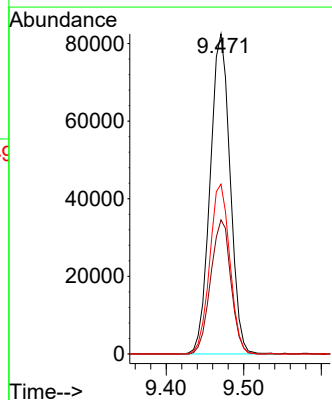
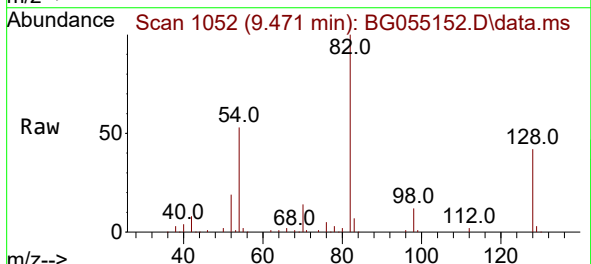
Instrument :
BNA_G
ClientSampleId :
PB148287BL

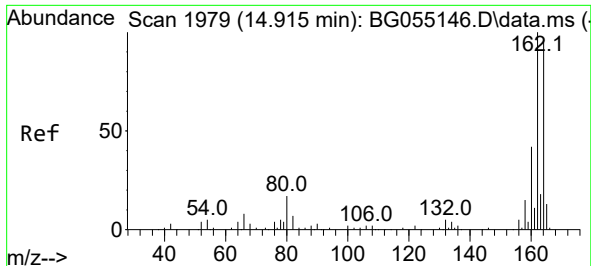
Tgt Ion:	136	Resp:	108525
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	8.5	7.0	10.6
68	5.8	4.3	6.5



#23
Nitrobenzene-d5
Concen: 72.758 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:	82	Resp:	147248
Ion Ratio	Lower	Upper	
82	100		
128	41.9	33.5	50.3
54	53.1	44.7	67.1

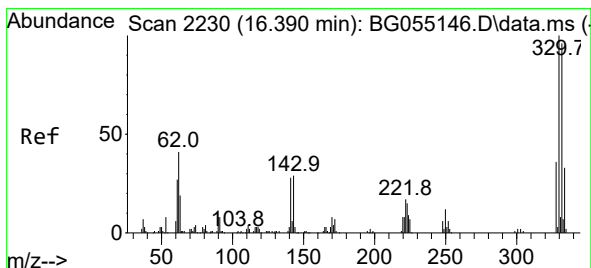
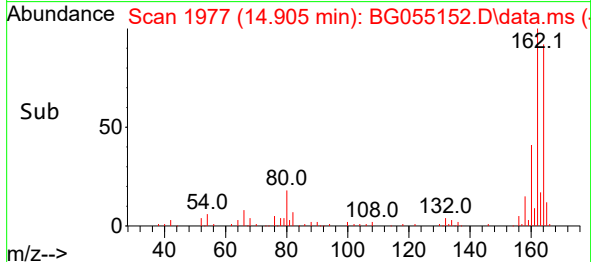
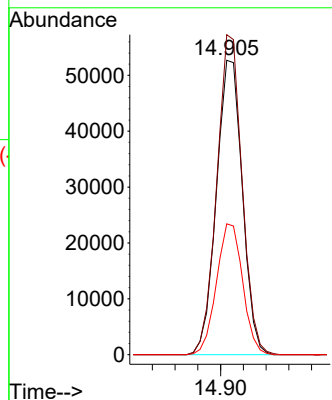
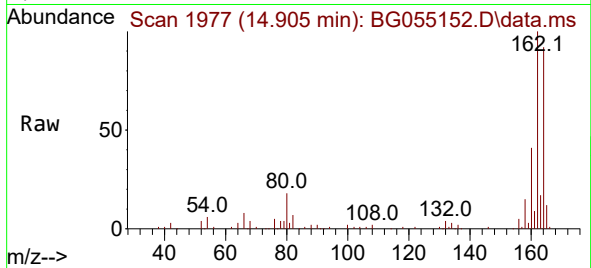




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.905 min Scan# 1979
Delta R.T. -0.010 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

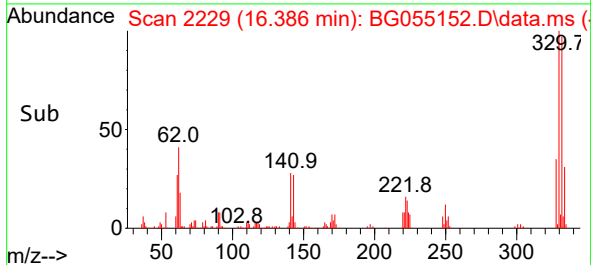
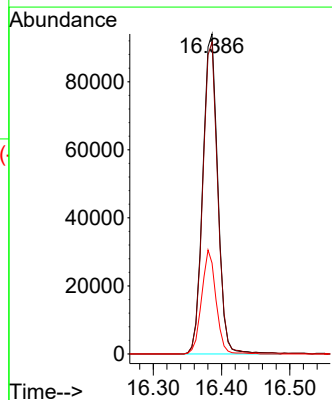
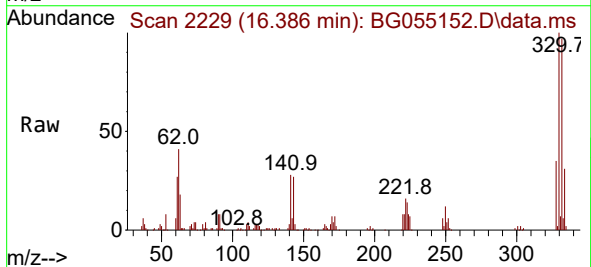
Instrument :
BNA_G
ClientSampleId :
PB148287BL

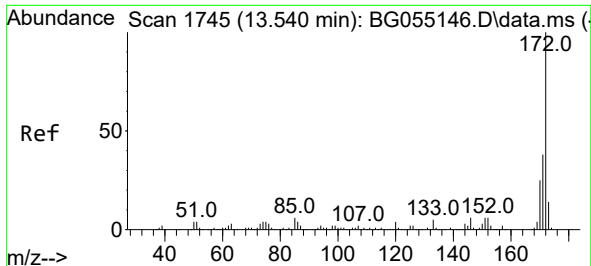
Tgt Ion:164 Resp: 83386
Ion Ratio Lower Upper
164 100
162 108.7 83.3 124.9
160 44.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 119.744 ng
RT: 16.386 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:330 Resp: 143472
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 31.1 24.6 36.8

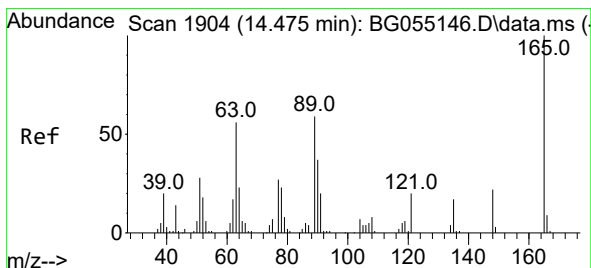
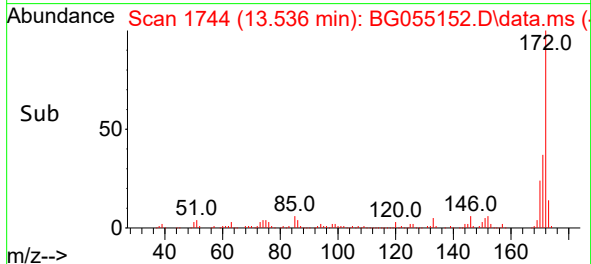
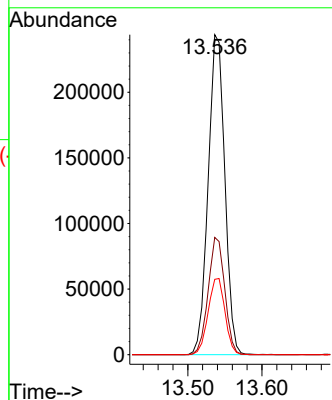
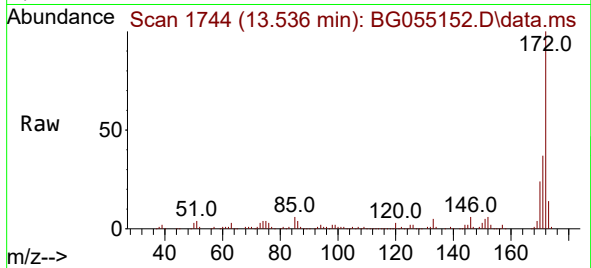




#45
2-Fluorobiphenyl
Concen: 74.557 ng
RT: 13.536 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

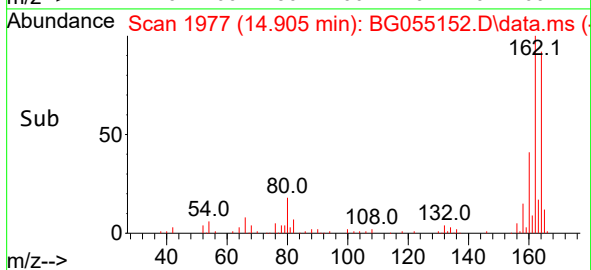
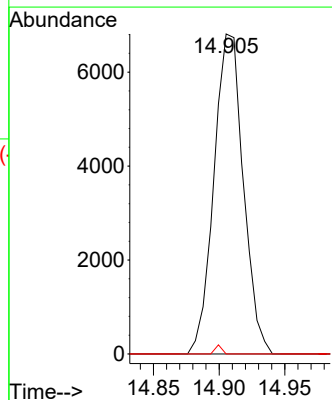
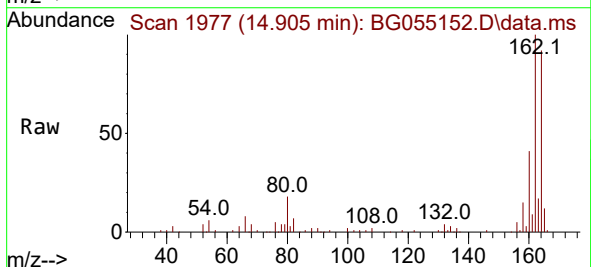
Instrument :
BNA_G
ClientSampleId :
PB148287BL

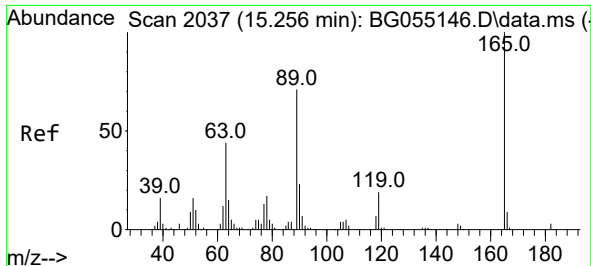
Tgt Ion:172 Resp: 380584
Ion Ratio Lower Upper
172 100
171 36.7 30.1 45.1
170 23.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.693 ng
RT: 14.905 min Scan# 1977
Delta R.T. 0.431 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:165 Resp: 10612
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.253 ng

RT: 14.905 min Scan# 14

Delta R.T. -0.351 min

Lab File: BG055152.D

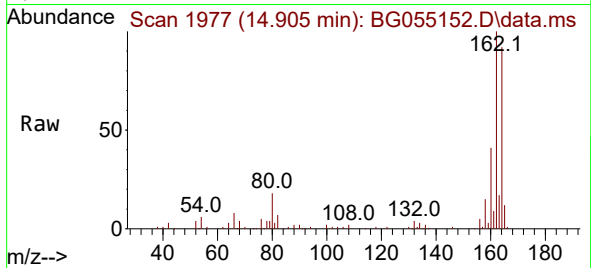
Acq: 13 Oct 2022 00:00

Instrument :

BNA_G

ClientSampleId :

PB148287BL



Tgt Ion:165 Resp: 10612

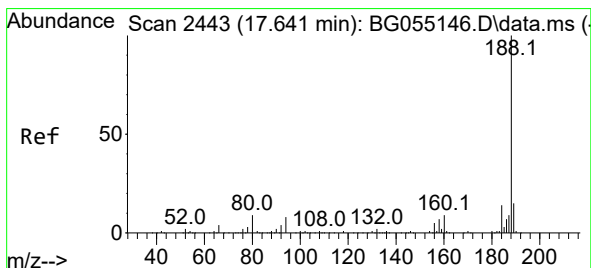
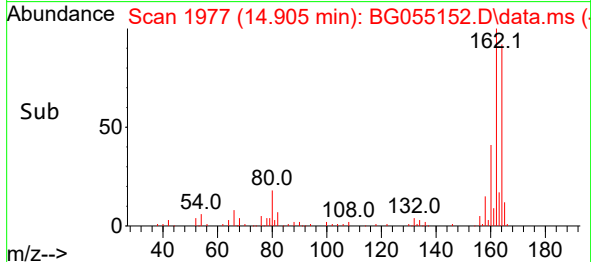
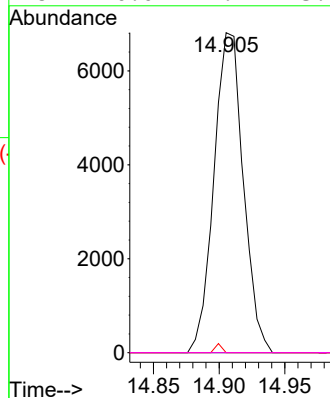
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.637 min Scan# 2442

Delta R.T. -0.004 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

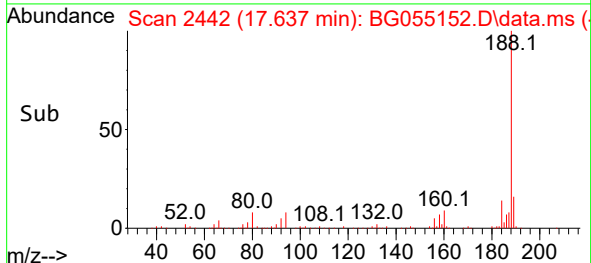
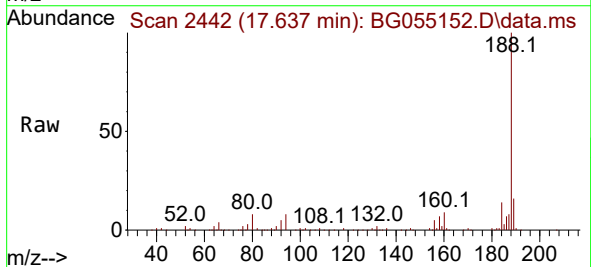
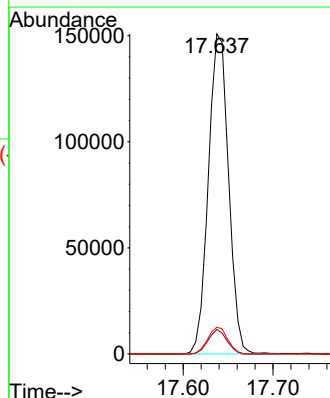
Tgt Ion:188 Resp: 235862

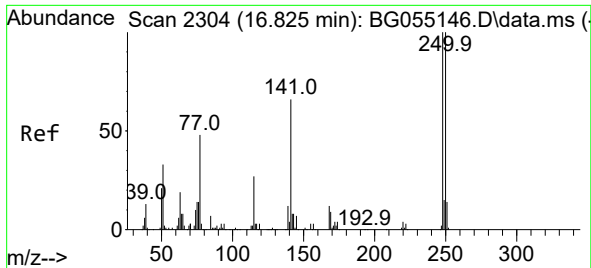
Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 8.3 7.0 10.6

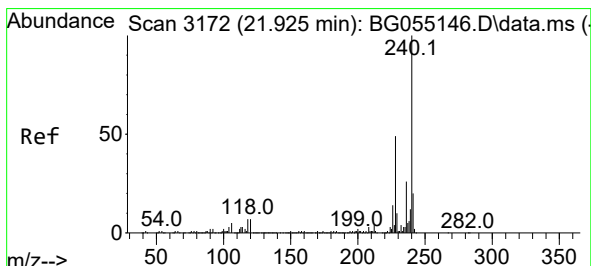
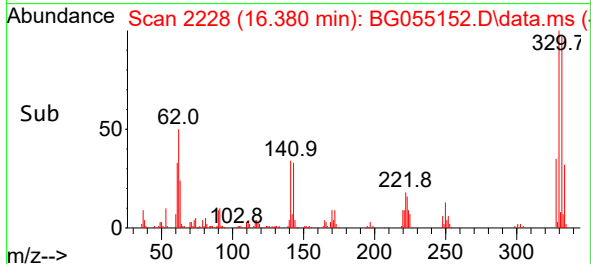
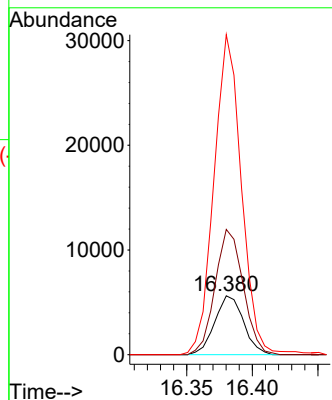
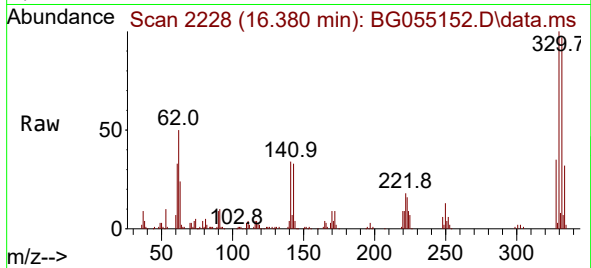




#67
4-Bromophenyl-phenylether
Concen: 3.337 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

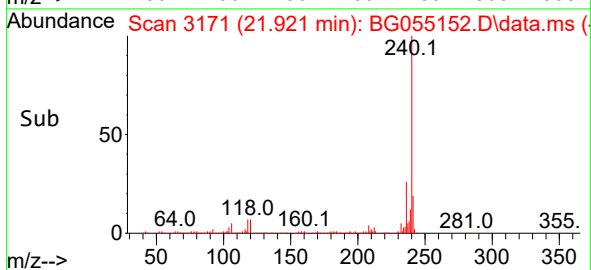
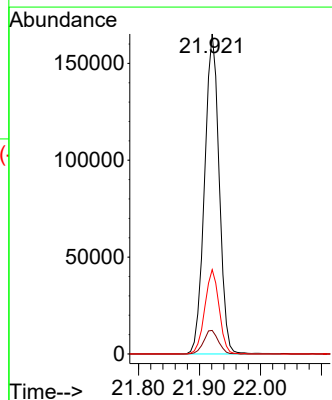
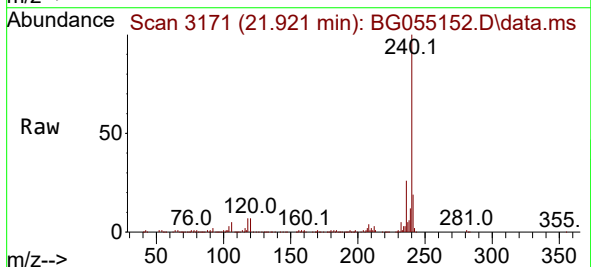
Instrument :
BNA_G
ClientSampleId :
PB148287BL

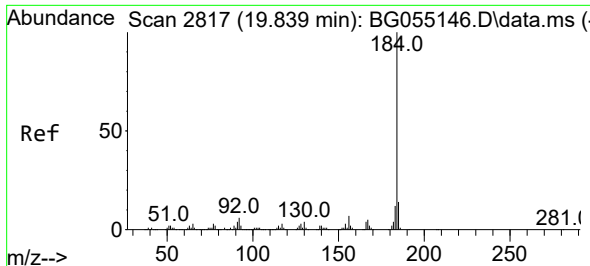
Tgt Ion:248 Resp: 8579
Ion Ratio Lower Upper
248 100
250 212.6 80.1 120.1#
141 542.9 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:240 Resp: 275794
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 26.3 20.6 31.0

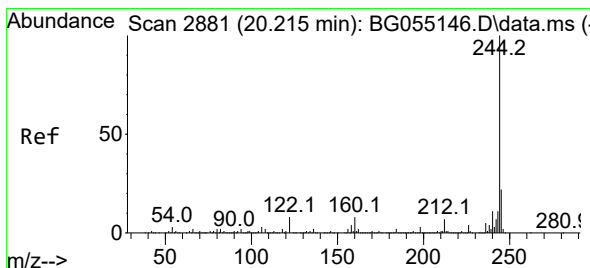
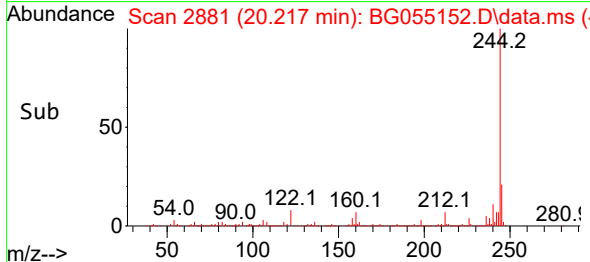
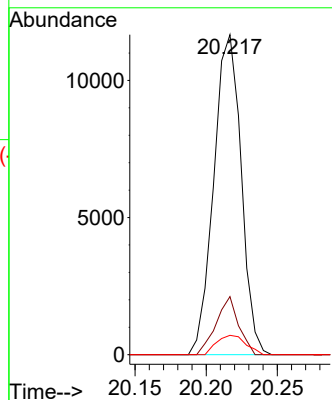
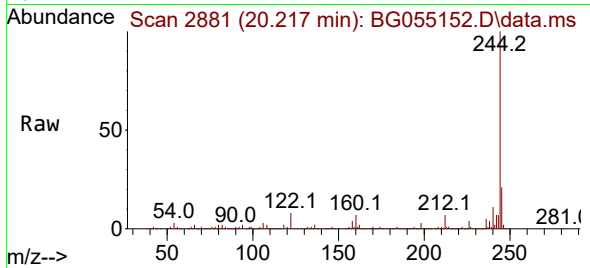




#77
Benzidine
Concen: 2.526 ng
RT: 20.217 min Scan# 2817
Delta R.T. 0.378 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

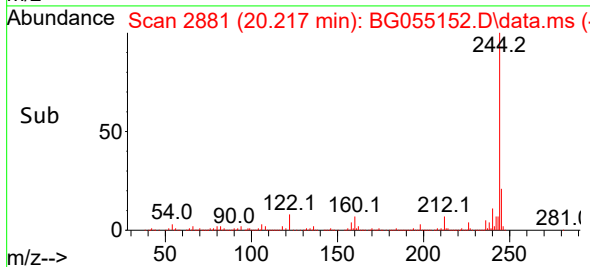
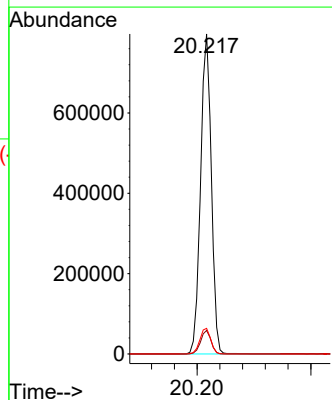
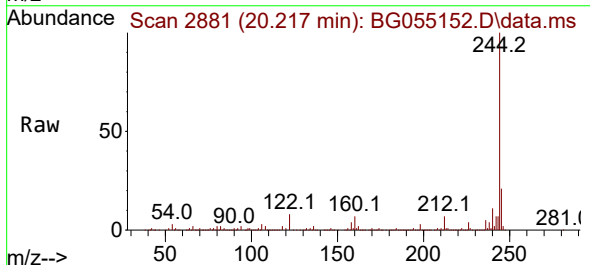
Instrument :
BNA_G
ClientSampleId :
PB148287BL

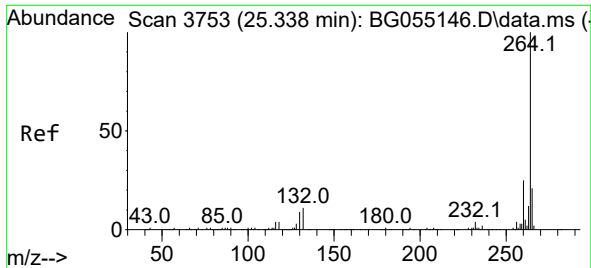
Tgt Ion:184 Resp: 15623
Ion Ratio Lower Upper
184 100
185 18.2 11.5 17.3#
183 6.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.401 ng
RT: 20.217 min Scan# 2881
Delta R.T. 0.002 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:244 Resp: 1046211
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.0 6.6 10.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG055152.D
 Acq: 13 Oct 2022 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BL

Tgt Ion:264 Resp: 283304
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 22.1 16.8 25.2

