

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055357.D
 Acq On : 29 Oct 2022 1:31
 Operator : CG/JU
 Sample : N5235-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSP-GW-03-DUP

Quant Time: Oct 29 04:57:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

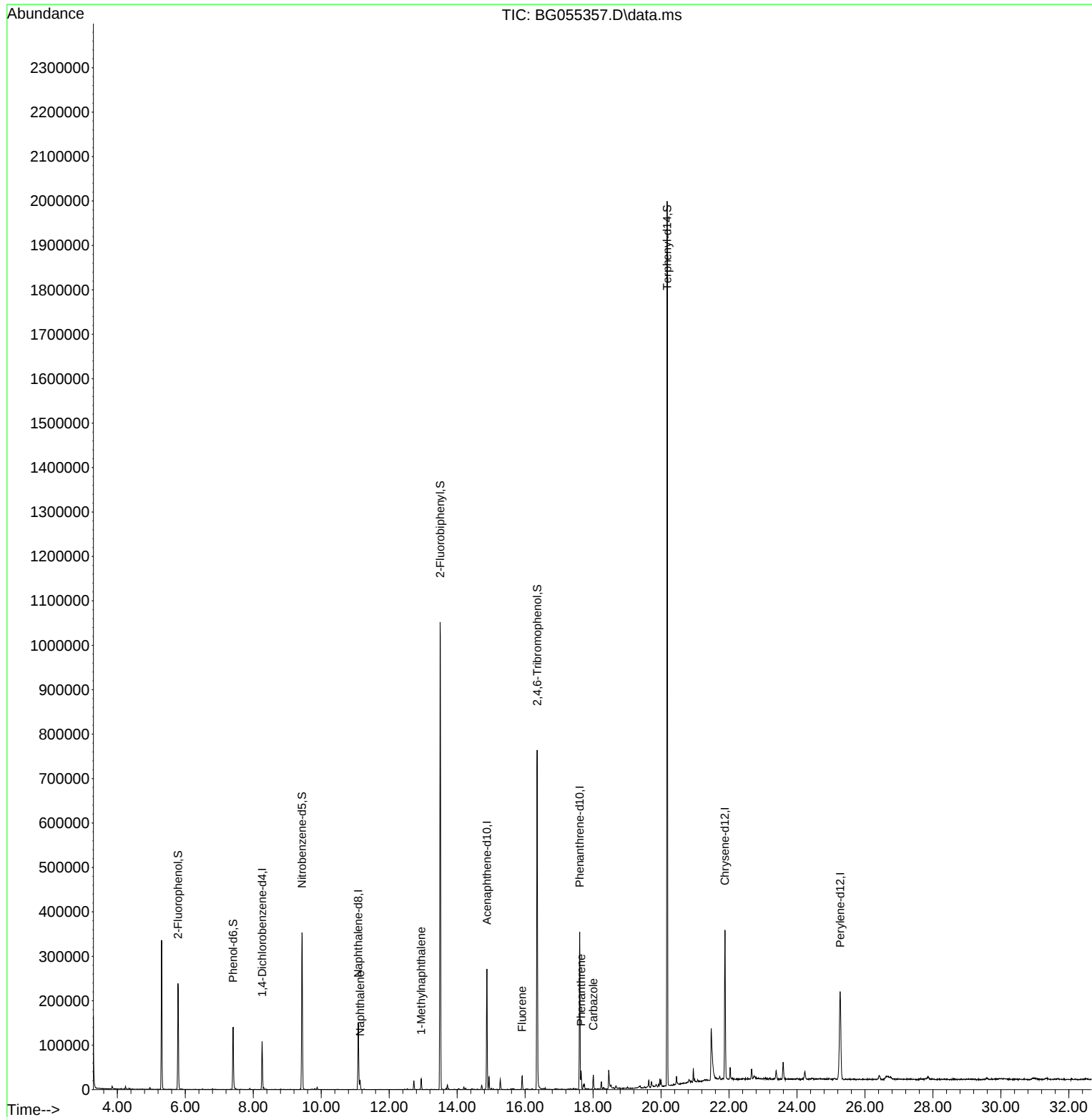
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	31677	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	133530	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	95916	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	219074	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	213814	20.000	ng	-0.01
86) Perylene-d12	25.268	264	222246	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	111185	61.458	ng	0.00
7) Phenol-d6	7.407	99	90595	34.565	ng	0.00
23) Nitrobenzene-d5	9.434	82	230720	88.230	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	162775	156.111	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	554757	94.666	ng	-0.01
79) Terphenyl-d14	20.180	244	961211	93.403	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.144	128	18710	2.627	ng	98
38) 1-Methylnaphthalene	12.942	142	12089	2.386	ng	94
58) Fluorene	15.909	166	14820	2.080	ng	95
71) Phenanthrene	17.648	178	24126	2.065	ng	99
73) Carbazole	18.006	167	22135	2.015	ng	98

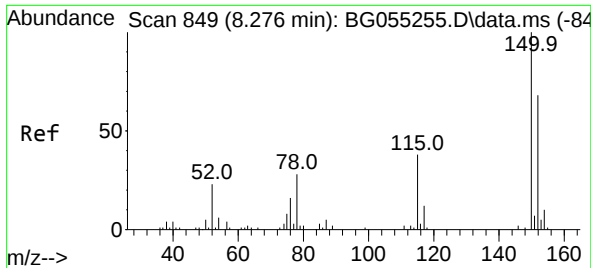
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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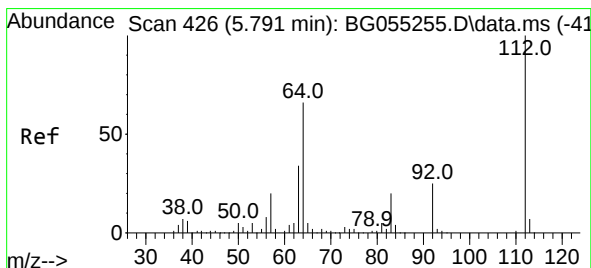
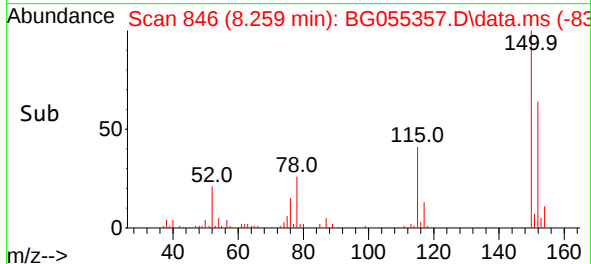
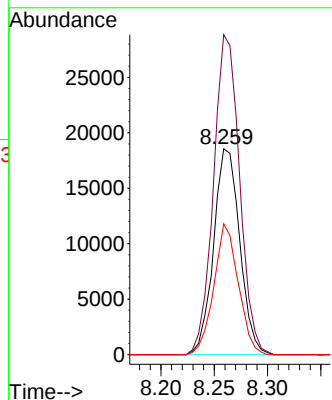
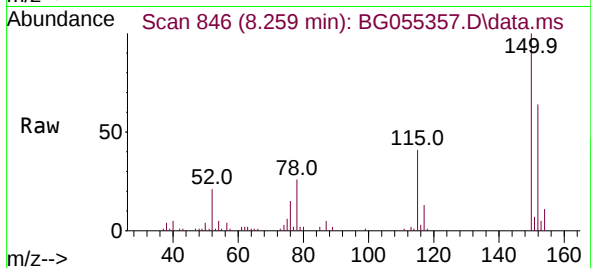




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

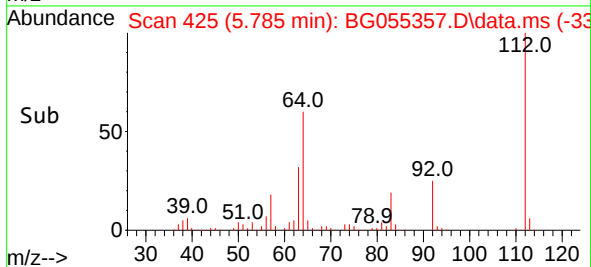
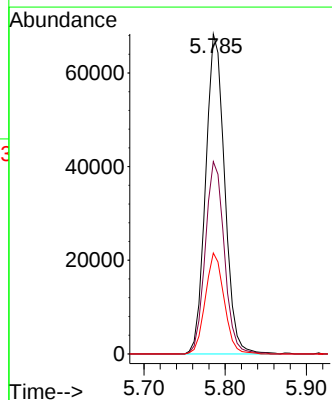
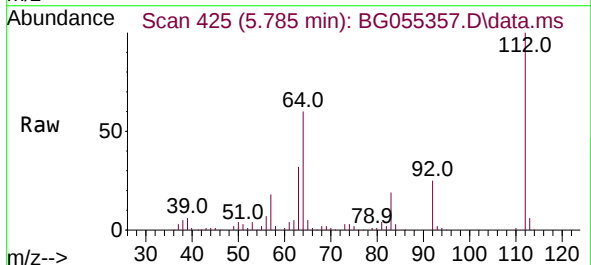
Instrument :
BNA_G
ClientSampleId :
LSP-GW-03-DUP

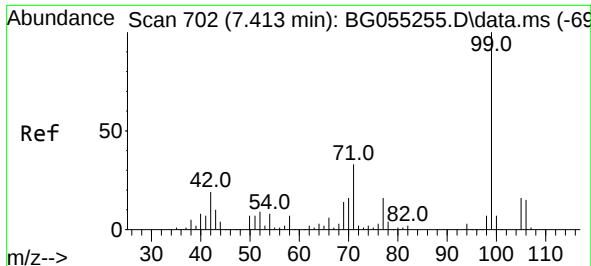
Tgt Ion:152 Resp: 31677
Ion Ratio Lower Upper
152 100
150 155.5 118.2 177.4
115 63.5 44.5 66.7



#5
2-Fluorophenol
Concen: 61.458 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

Tgt Ion:112 Resp: 111185
Ion Ratio Lower Upper
112 100
64 60.1 52.6 78.8
63 31.5 27.1 40.7

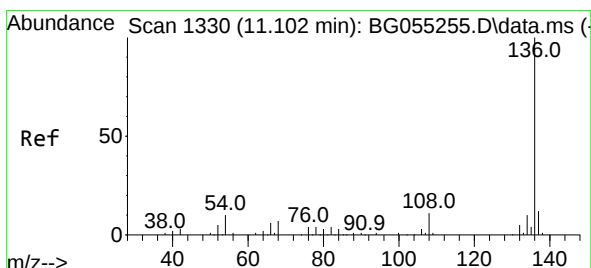
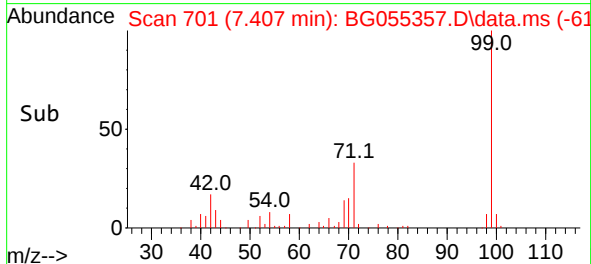
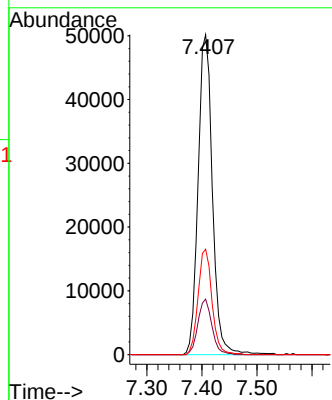
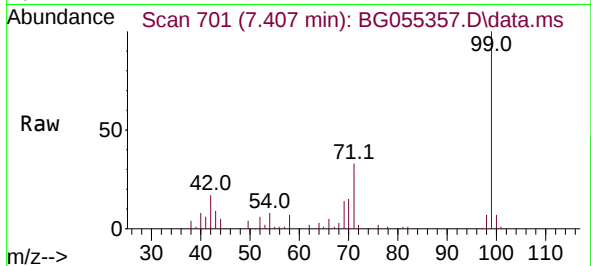




#7
Phenol-d6
Concen: 34.565 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

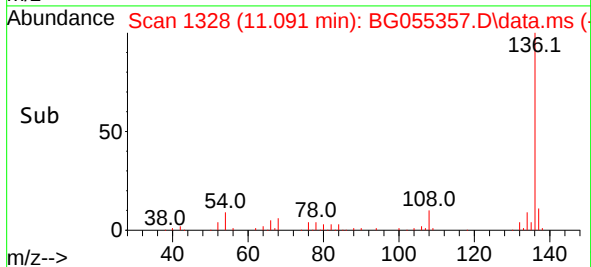
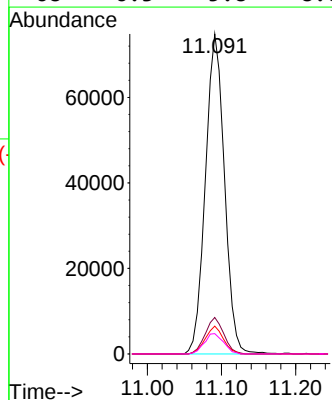
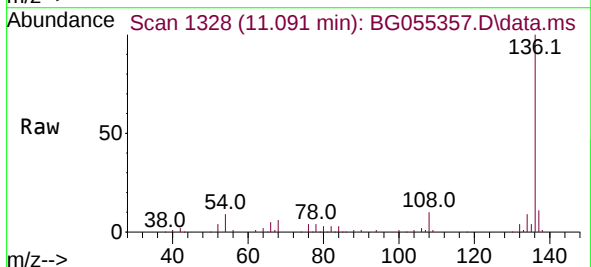
Instrument :
BNA_G
ClientSampleId :
LSP-GW-03-DUP

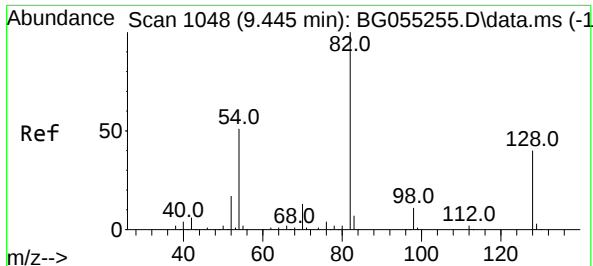
Tgt Ion: 99 Resp: 90595
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 33.0 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

Tgt Ion:136 Resp: 133530
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.7 7.8 11.8
68 6.3 5.8 8.6





#23

Nitrobenzene-d5

Concen: 88.230 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055357.D

Acq: 29 Oct 2022 1:31

Instrument :

BNA_G

ClientSampleId :

LSP-GW-03-DUP

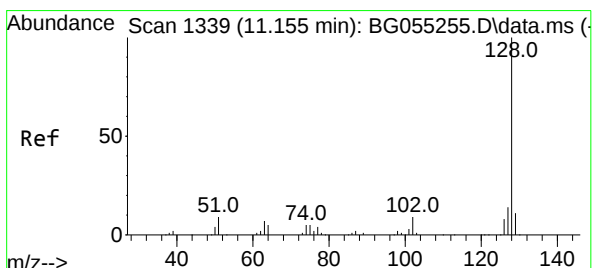
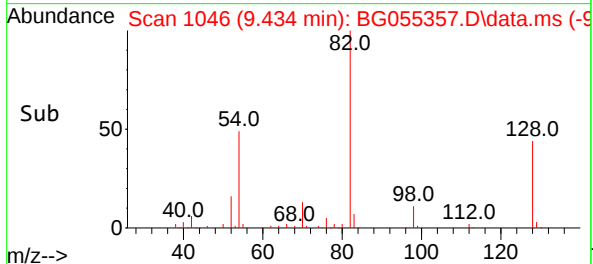
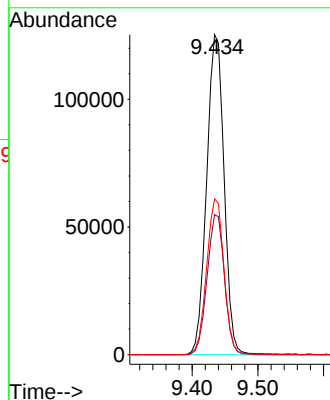
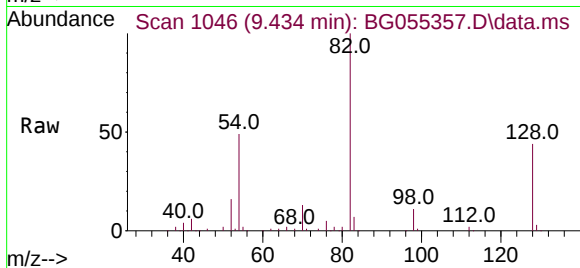
Tgt Ion: 82 Resp: 230720

Ion Ratio Lower Upper

82 100

128 43.7 32.0 48.0

54 48.7 40.9 61.3



#31

Naphthalene

Concen: 2.627 ng

RT: 11.144 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BG055357.D

Acq: 29 Oct 2022 1:31

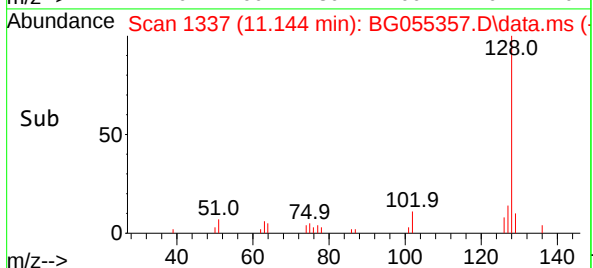
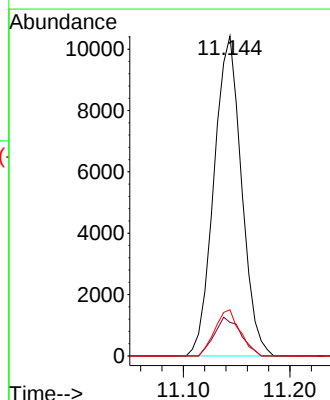
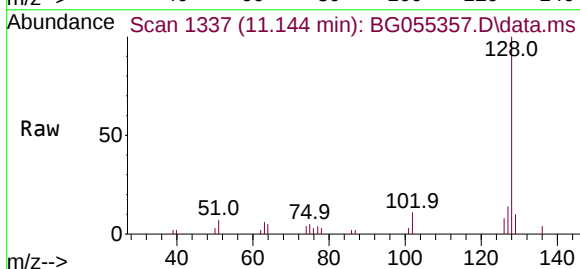
Tgt Ion:128 Resp: 18710

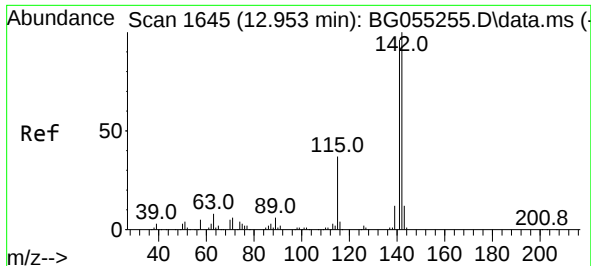
Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

127 14.4 11.1 16.7

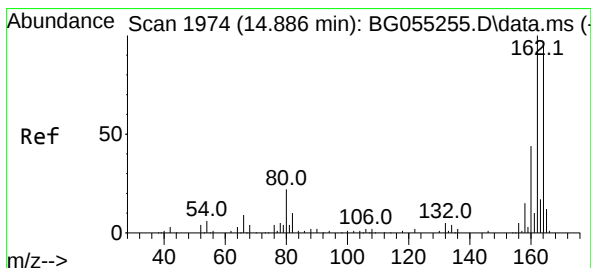
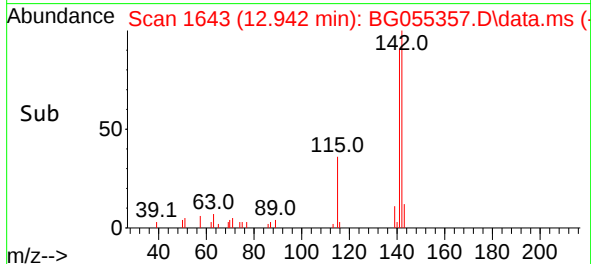
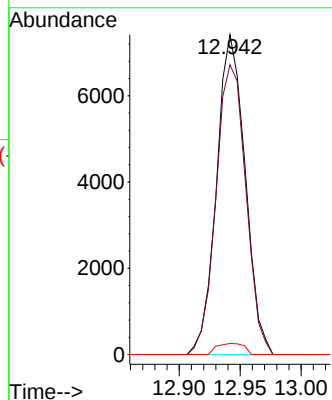
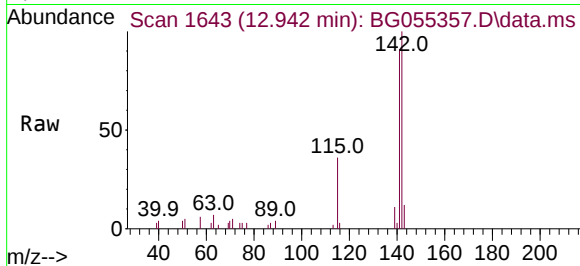




#38
1-Methylnaphthalene
Concen: 2.386 ng
RT: 12.942 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

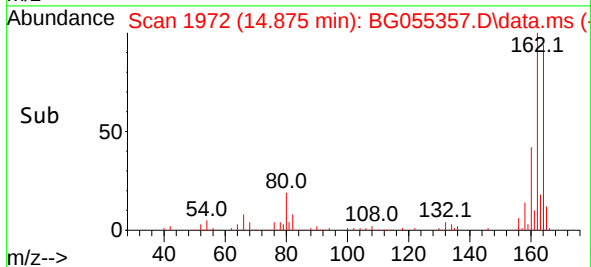
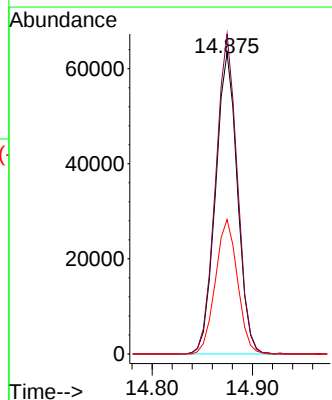
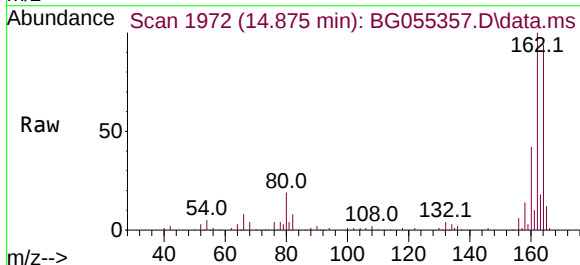
Instrument :
BNA_G
ClientSampleId :
LSP-GW-03-DUP

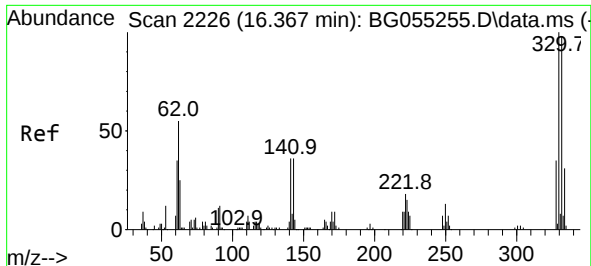
Tgt Ion:142 Resp: 12089
Ion Ratio Lower Upper
142 100
141 90.6 77.1 115.7
116 3.5 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

Tgt Ion:164 Resp: 95916
Ion Ratio Lower Upper
164 100
162 106.3 84.0 126.0
160 44.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 156.111 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055357.D

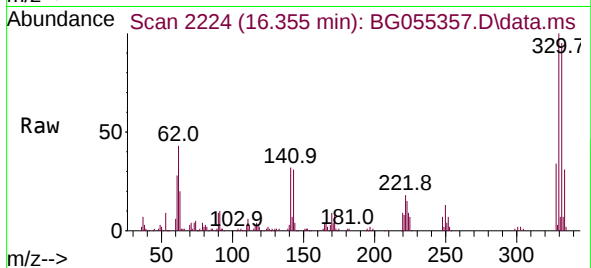
Acq: 29 Oct 2022 1:31

Instrument :

BNA_G

ClientSampleId :

LSP-GW-03-DUP



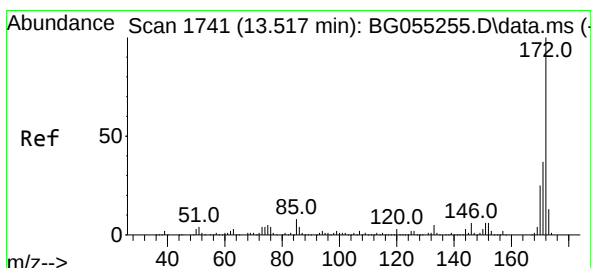
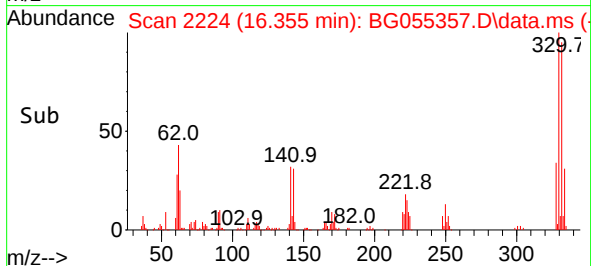
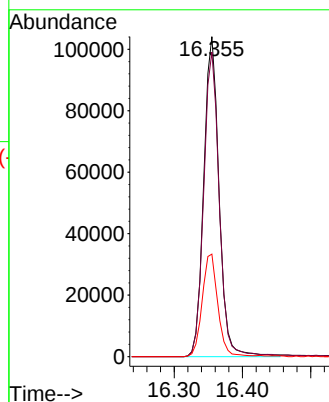
Tgt Ion:330 Resp: 162775

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 32.6 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 94.666 ng

RT: 13.500 min Scan# 1738

Delta R.T. -0.012 min

Lab File: BG055357.D

Acq: 29 Oct 2022 1:31

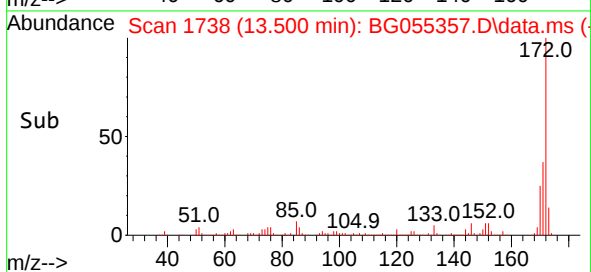
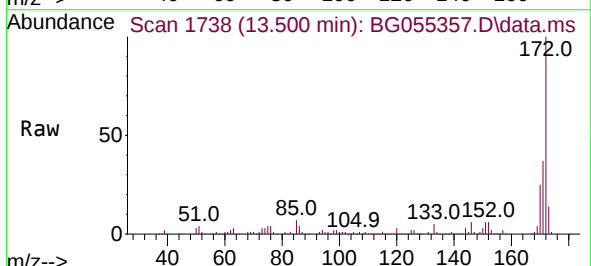
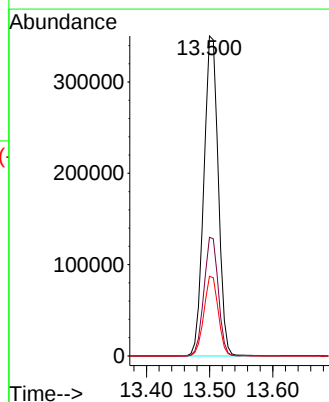
Tgt Ion:172 Resp: 554757

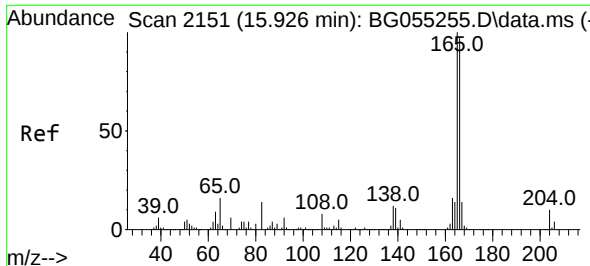
Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.9 20.2 30.2

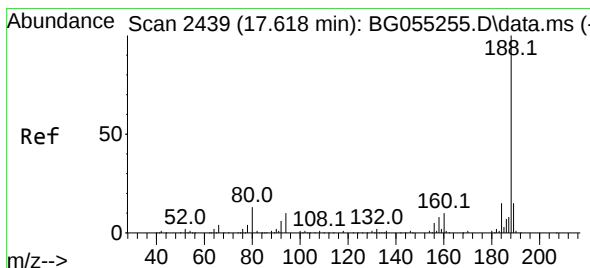
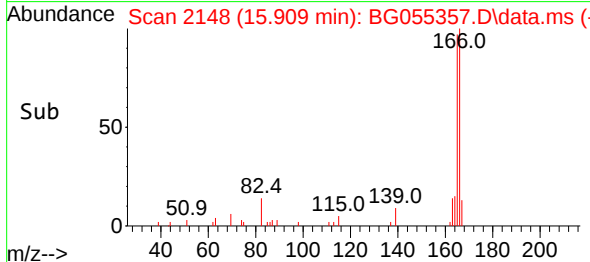
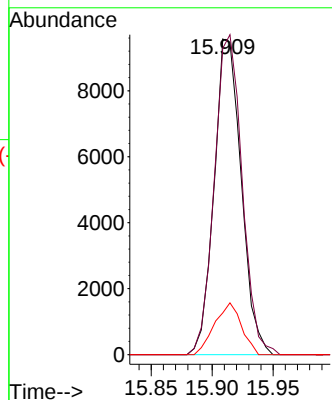
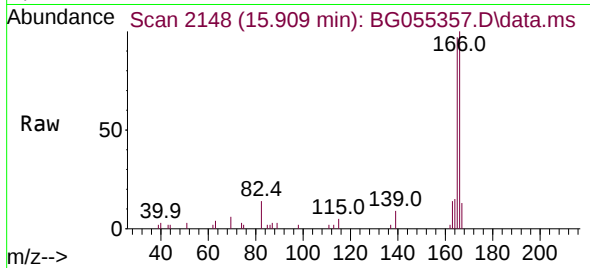




#58
 Fluorene
 Concen: 2.080 ng
 RT: 15.909 min Scan# 2151
 Delta R.T. -0.012 min
 Lab File: BG055357.D
 Acq: 29 Oct 2022 1:31

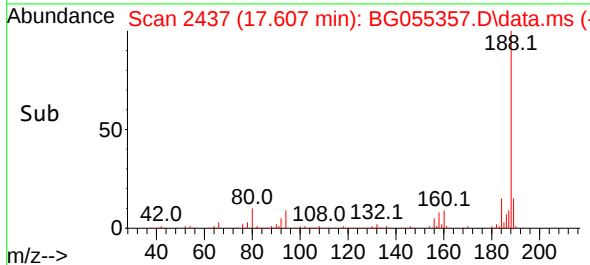
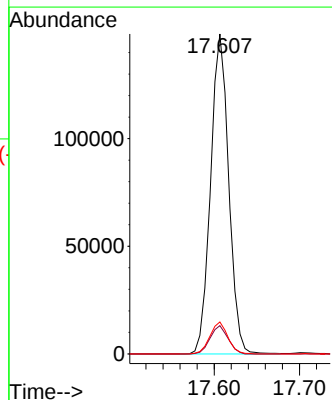
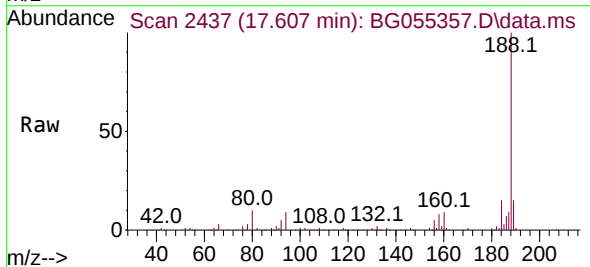
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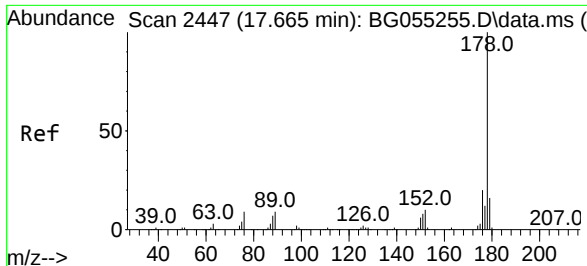
Tgt Ion:166 Resp: 14820
 Ion Ratio Lower Upper
 166 100
 165 97.1 82.4 123.6
 167 13.2 11.5 17.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.607 min Scan# 2437
 Delta R.T. -0.006 min
 Lab File: BG055357.D
 Acq: 29 Oct 2022 1:31

Tgt Ion:188 Resp: 219074
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.2 12.4
 80 10.0 10.1 15.1#

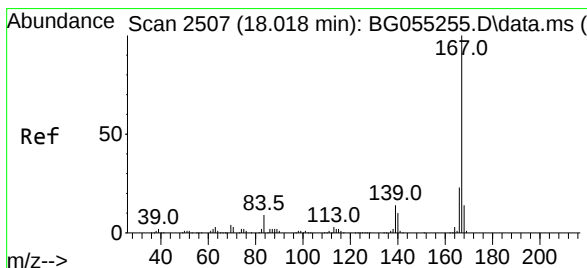
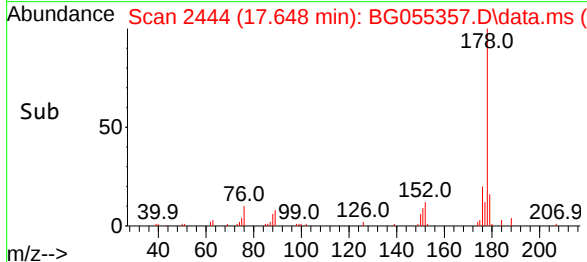
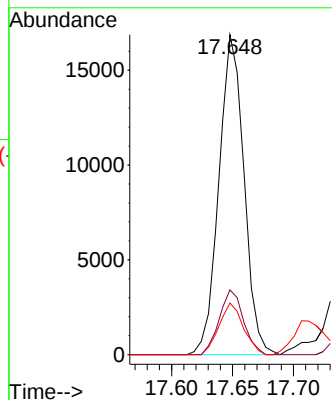
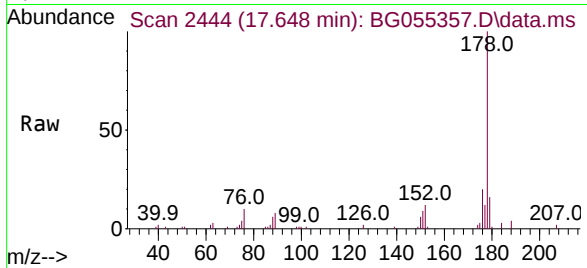




#71
Phenanthrene
Concen: 2.065 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.012 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

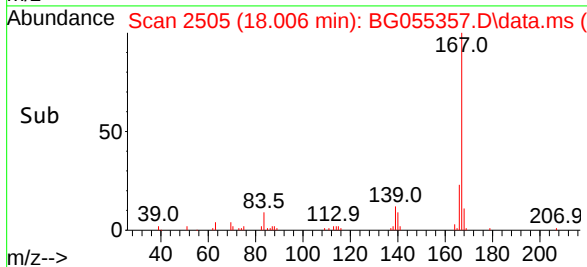
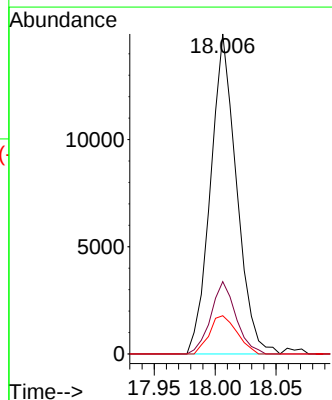
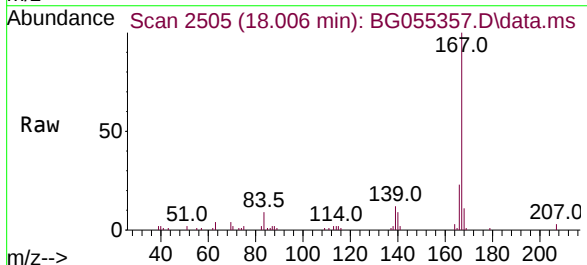
Instrument :
BNA_G
ClientSampleId :
LSP-GW-03-DUP

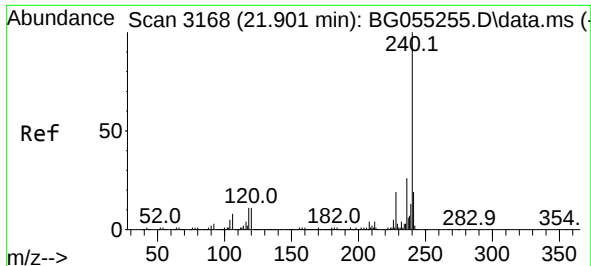
Tgt Ion:178 Resp: 24126
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.1 12.6 19.0



#73
Carbazole
Concen: 2.015 ng
RT: 18.006 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

Tgt Ion:167 Resp: 22135
Ion Ratio Lower Upper
167 100
166 22.6 18.6 27.8
139 11.9 10.9 16.3

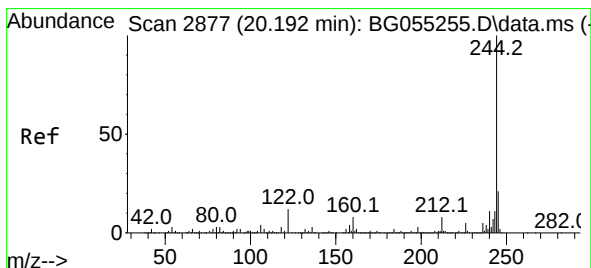
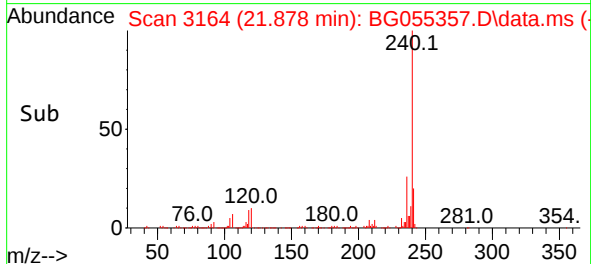
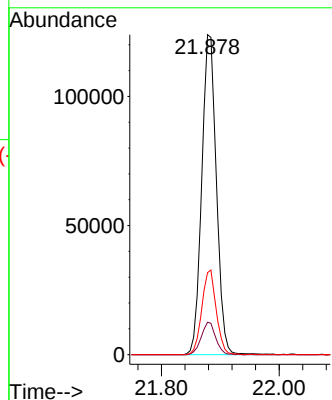
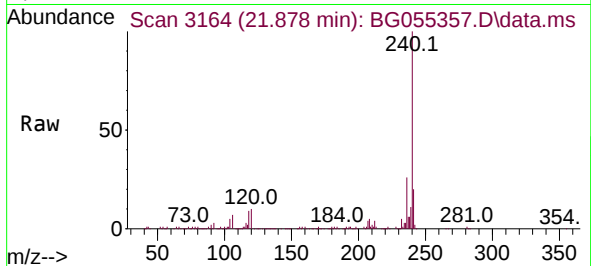




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

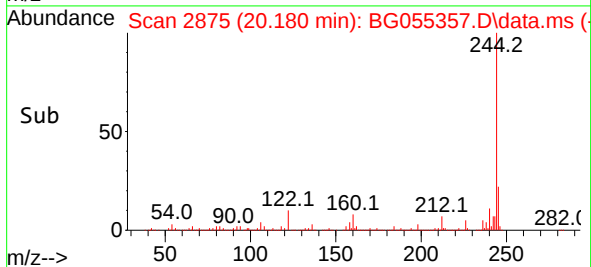
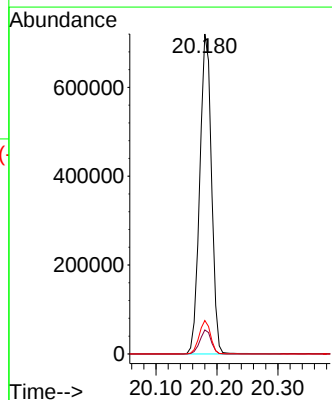
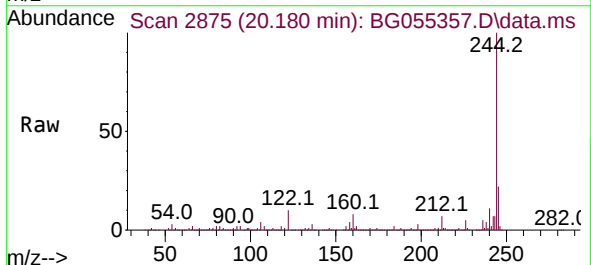
Instrument :
BNA_G
ClientSampleId :
LSP-GW-03-DUP

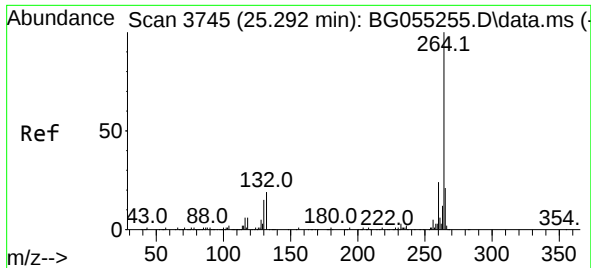
Tgt Ion:240 Resp: 213814
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 93.403 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055357.D
Acq: 29 Oct 2022 1:31

Tgt Ion:244 Resp: 961211
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.4 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG055357.D
 Acq: 29 Oct 2022 1:31

Instrument :
 BNA_G
 ClientSampleId :
 LSP-GW-03-DUP

Tgt Ion:264 Resp: 222246
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.6 17.4 26.2

