

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059708.D
 Acq On : 15 Nov 2023 20:26
 Operator : MA/JU
 Sample : 05257-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Nov 16 02:52:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

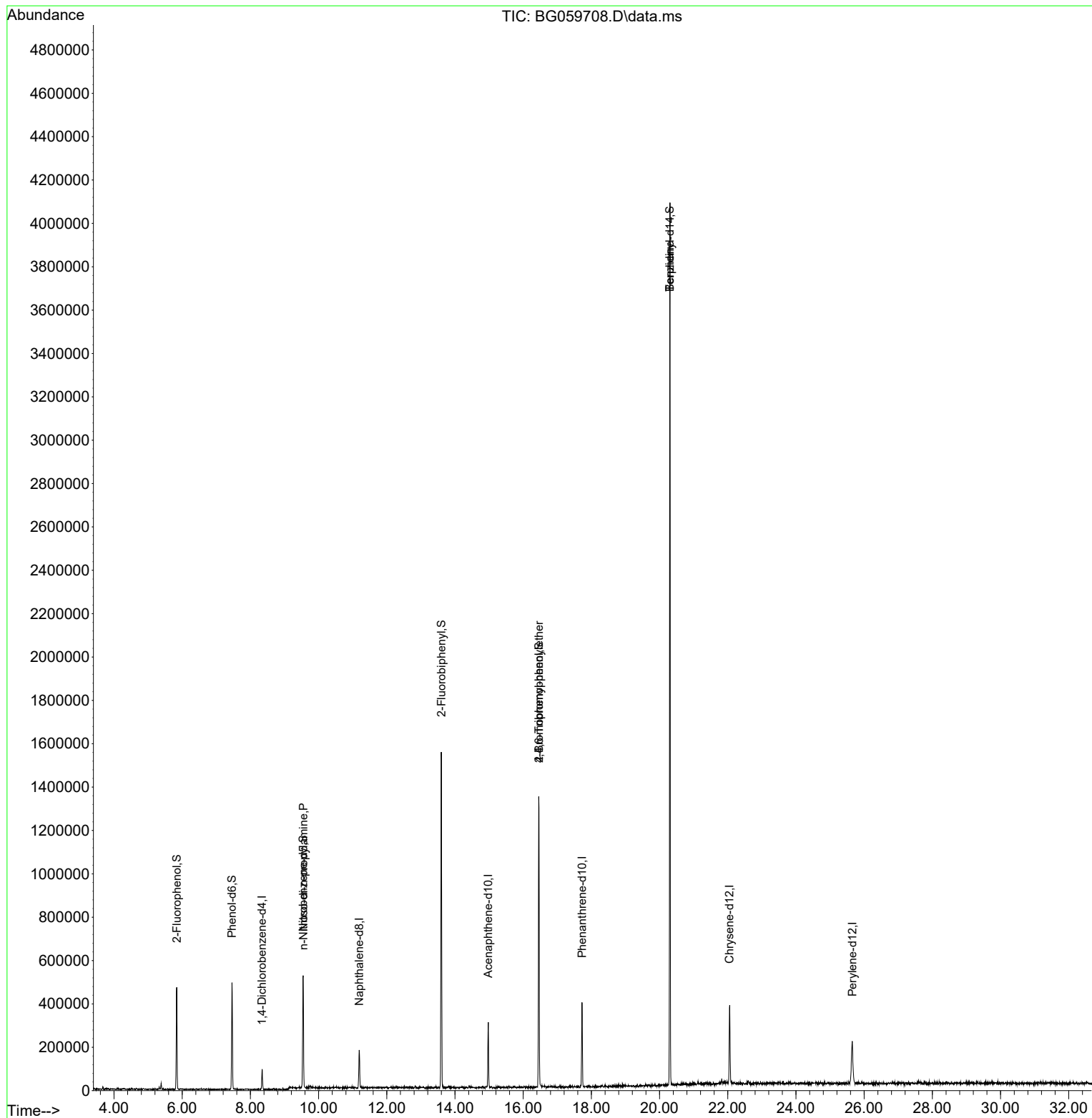
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	19248	20.000	ng	#-0.01
21) Naphthalene-d8	11.191	136	123736	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	90822	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	218837	20.000	ng	# 0.00
76) Chrysene-d12	22.049	240	216141	20.000	ng	#-0.01
86) Perylene-d12	25.651	264	241458	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	164229	147.302	ng	0.00
7) Phenol-d6	7.460	99	215005	127.608	ng	0.00
23) Nitrobenzene-d5	9.546	82	322988	112.215	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	182320	177.877	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	665740	98.826	ng	0.00
79) Terphenyl-d14	20.304	244	1640440	156.591	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.729	88	236	Below Cal	#	70
3) Pyridine	4.141	79	325	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.552	70	58503	45.074	ng	# 69
67) 4-Bromophenyl-phenylether	16.462	248	13445	5.840	ng	# 1
77) Benzidine	20.304	184	49412	13.530	ng	# 90
78) Pyrene	20.122	202	1151	Below Cal	#	58

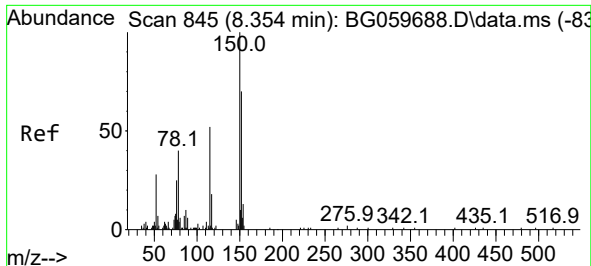
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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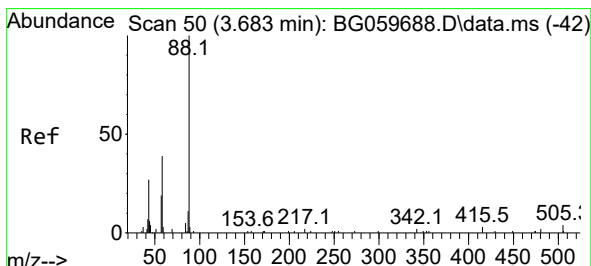
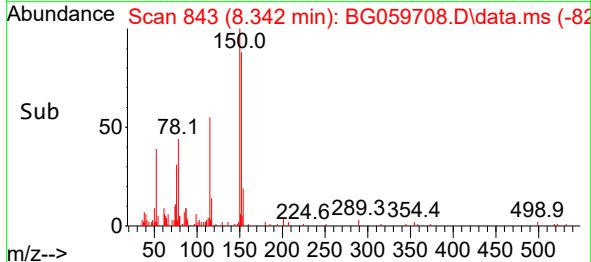
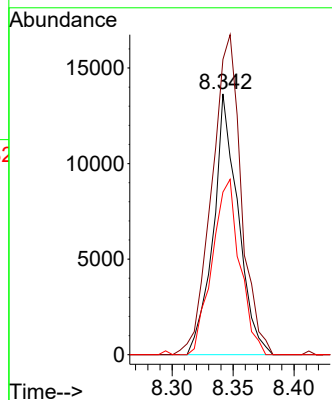
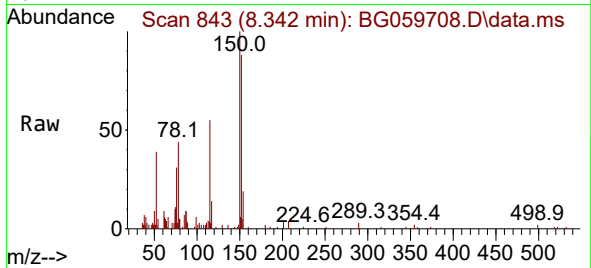




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

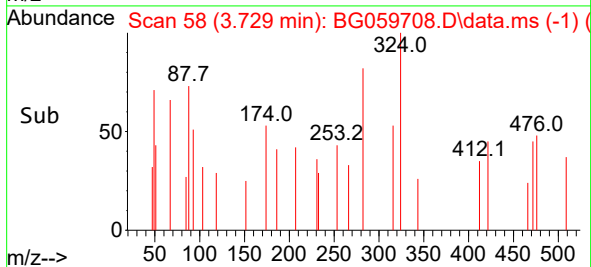
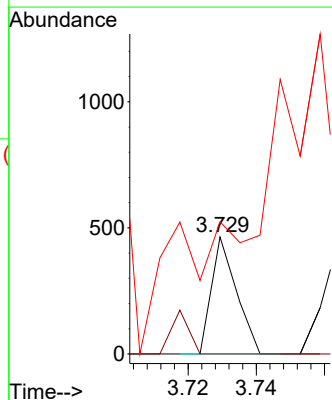
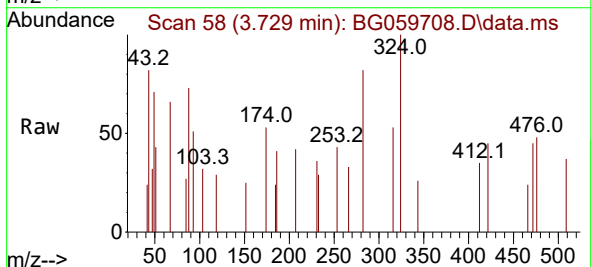
Instrument :
BNA_G
ClientSampleId :
WC-3

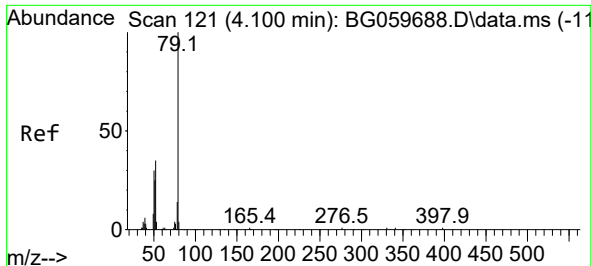
Tgt Ion:152 Resp: 19248
Ion Ratio Lower Upper
152 100
150 113.2 113.9 170.9#
115 62.4 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.729 min Scan# 58
Delta R.T. 0.046 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion: 88 Resp: 236
Ion Ratio Lower Upper
88 100
58 25.8 30.5 45.7#
43 0.0 17.7 26.5#

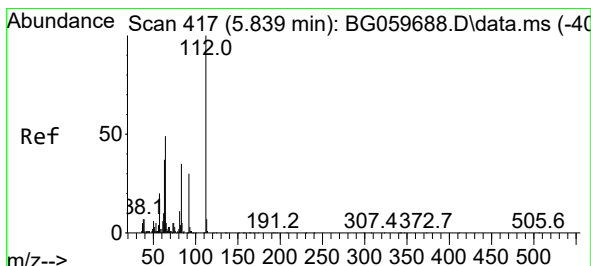
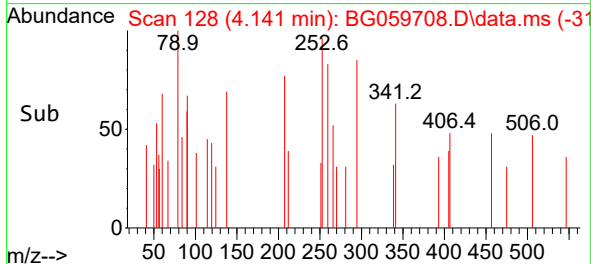
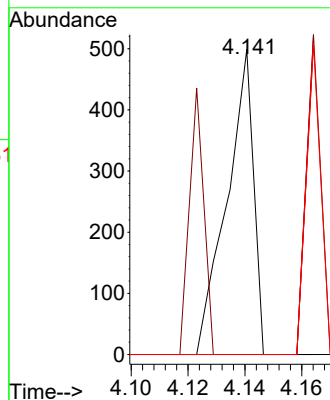
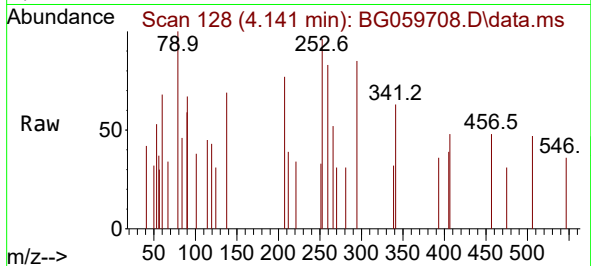




#3
Pyridine
Concen: Below Cal
RT: 4.141 min Scan# 11
Delta R.T. 0.041 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

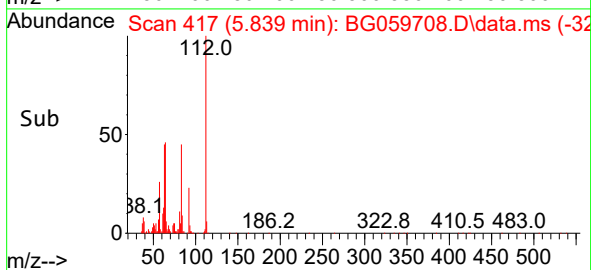
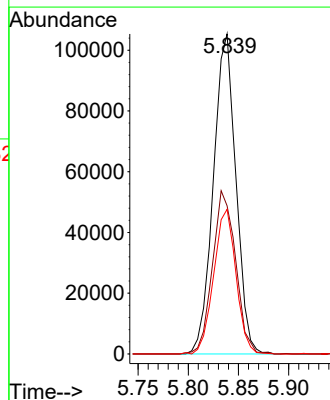
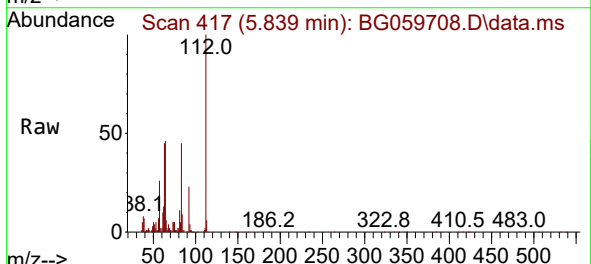
Instrument :
BNA_G
ClientSampleId :
WC-3

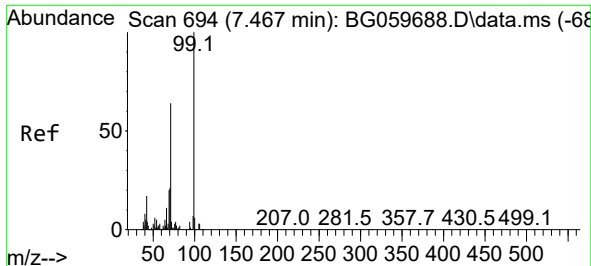
Tgt Ion: 79 Resp: 325
Ion Ratio Lower Upper
79 100
52 0.0 27.8 41.8#
51 0.0 20.2 30.2#



#5
2-Fluorophenol
Concen: 147.302 ng
RT: 5.839 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion: 112 Resp: 164229
Ion Ratio Lower Upper
112 100
64 46.3 39.0 58.6
63 45.2 29.8 44.6#

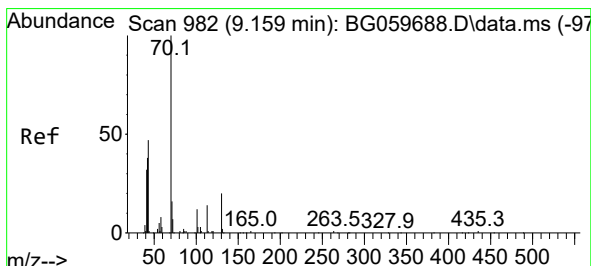
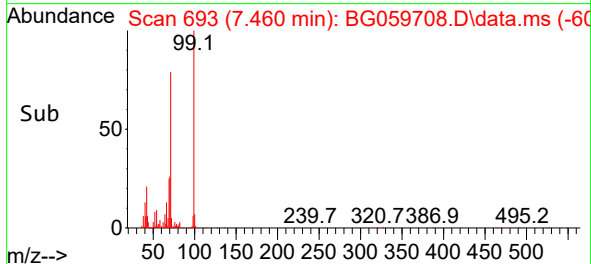
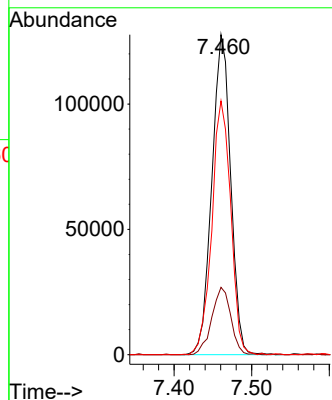
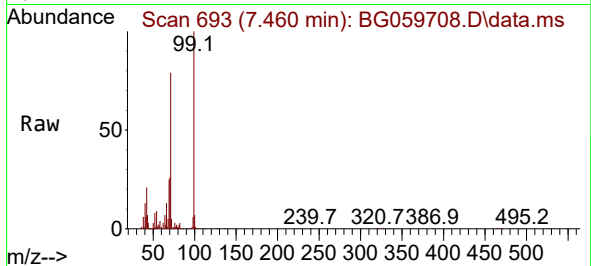




#7
Phenol-d6
Concen: 127.608 ng
RT: 7.460 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

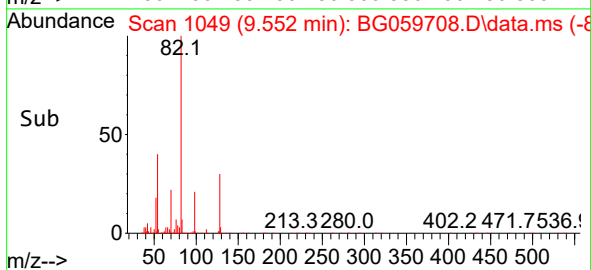
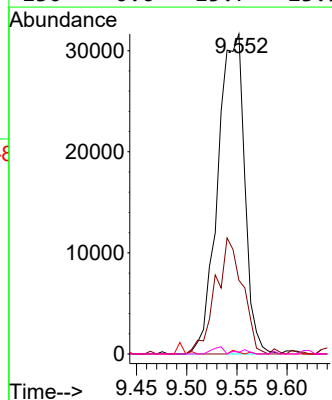
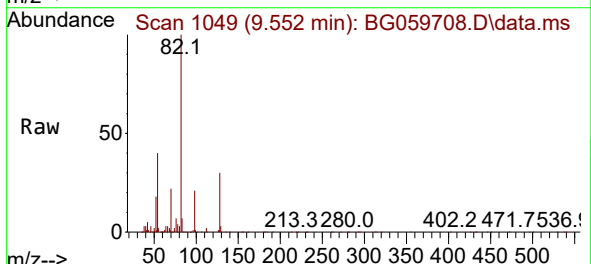
Instrument :
BNA_G
ClientSampleId :
WC-3

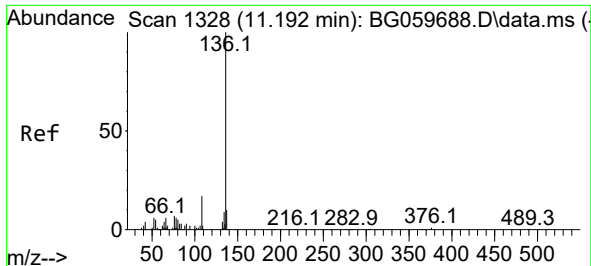
Tgt Ion: 99 Resp: 215005
Ion Ratio Lower Upper
99 100
42 21.1 13.2 19.8#
71 79.3 51.3 76.9#



#19
n-Nitroso-di-n-propylamine
Concen: 45.074 ng
RT: 9.552 min Scan# 1049
Delta R.T. 0.393 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion: 70 Resp: 58503
Ion Ratio Lower Upper
70 100
42 23.0 30.8 46.2#
101 0.5 9.4 14.2#
130 0.6 15.7 23.5#

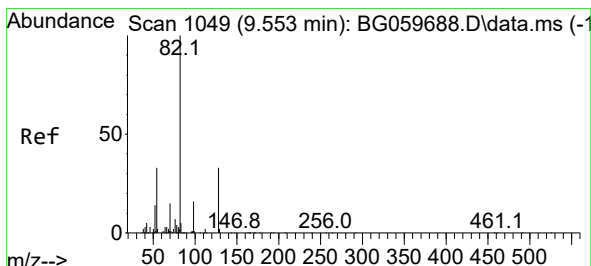
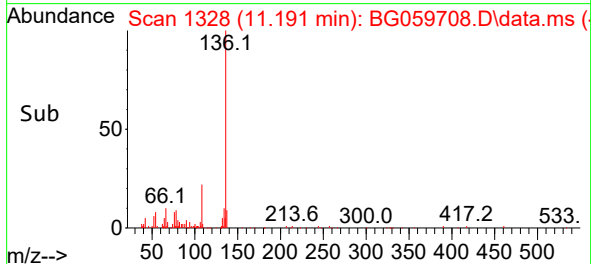
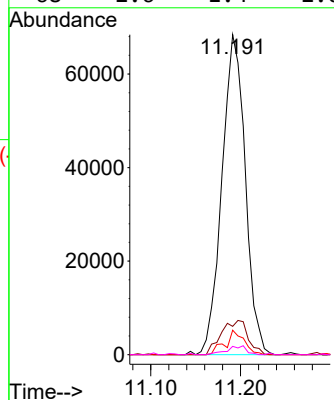
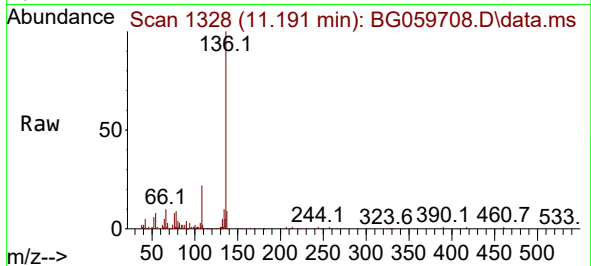




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

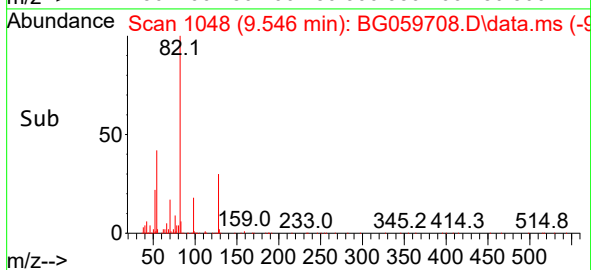
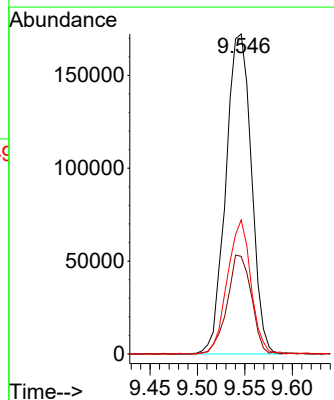
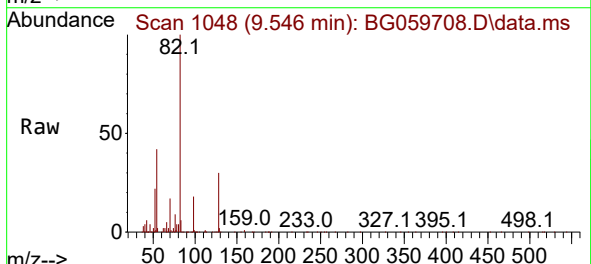
Instrument :
BNA_G
ClientSampleId :
WC-3

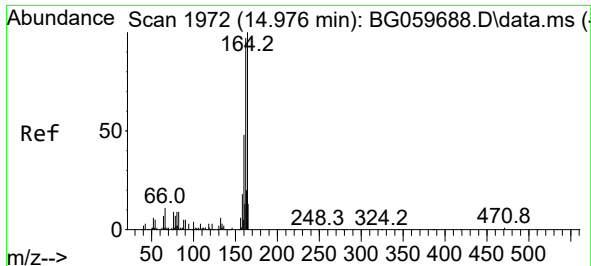
Tgt Ion:	136	Resp:	123736
Ion	Ratio	Lower	Upper
136	100		
137	8.9	7.7	11.5
54	7.6	4.2	6.2#
68	2.6	1.4	2.0#



#23
Nitrobenzene-d5
Concen: 112.215 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:	82	Resp:	322988
Ion	Ratio	Lower	Upper
82	100		
128	30.5	26.3	39.5
54	41.9	26.6	39.8#

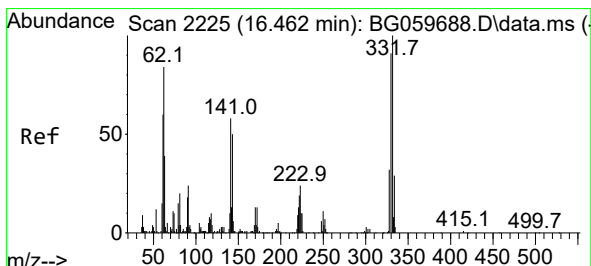
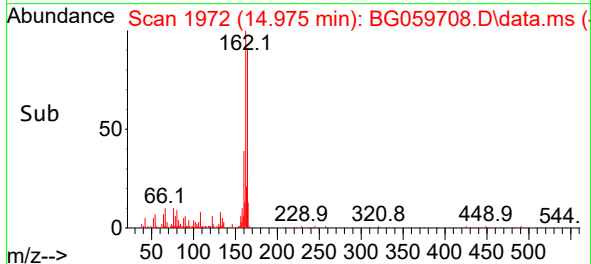
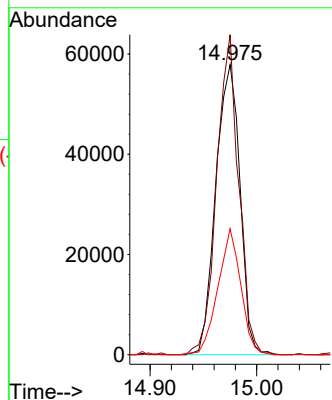
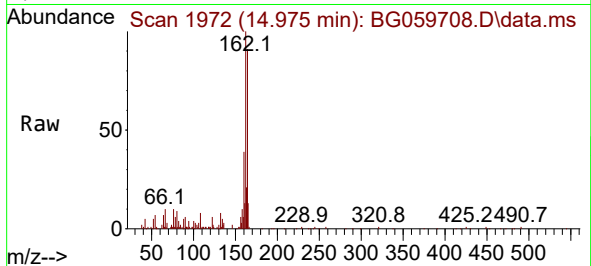




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

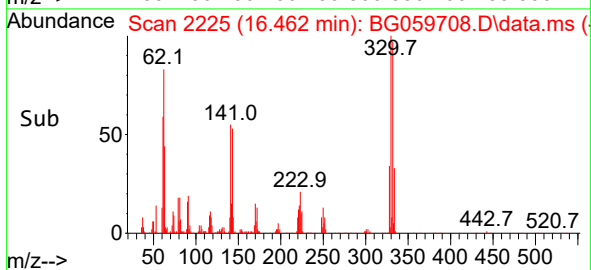
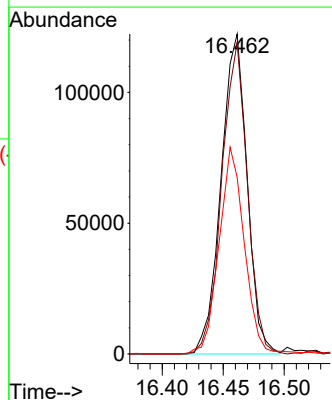
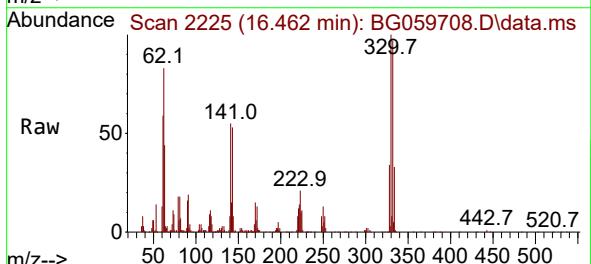
Instrument :
BNA_G
ClientSampleId :
WC-3

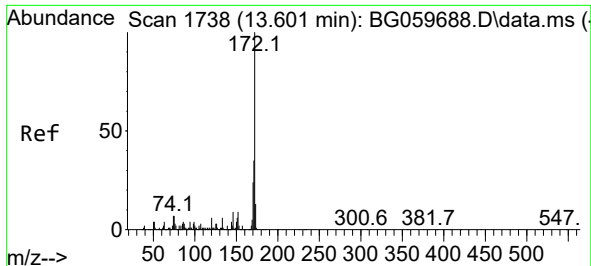
Tgt Ion:164 Resp: 90822
Ion Ratio Lower Upper
164 100
162 110.3 77.8 116.6
160 43.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 177.877 ng
RT: 16.462 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:330 Resp: 182320
Ion Ratio Lower Upper
330 100
332 95.1 80.7 121.1
141 62.8 51.0 76.6

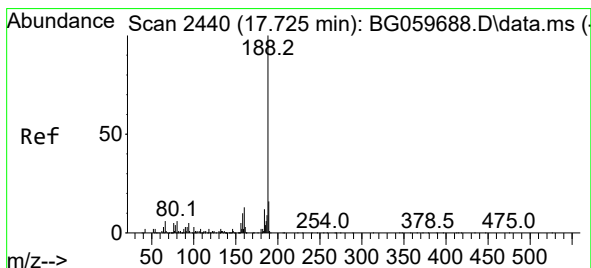
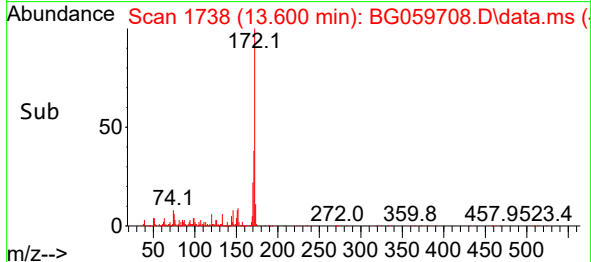
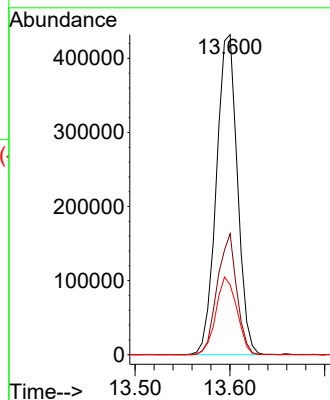
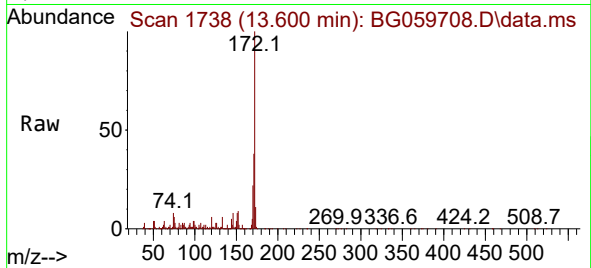




#45
2-Fluorobiphenyl
Concen: 98.826 ng
RT: 13.600 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

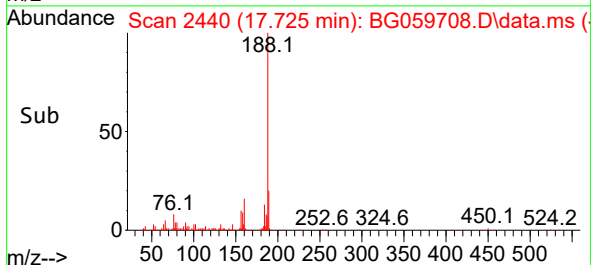
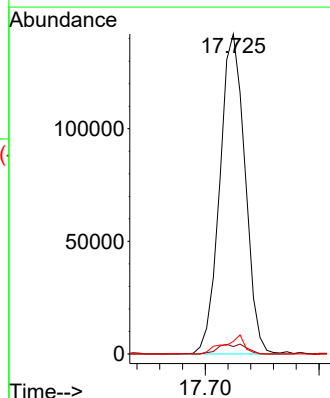
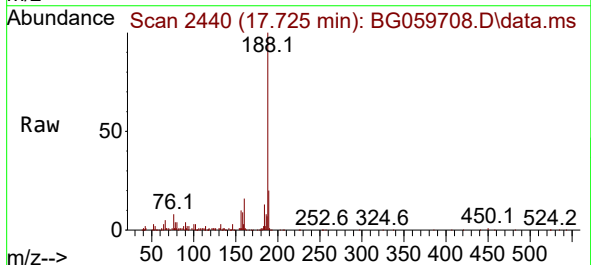
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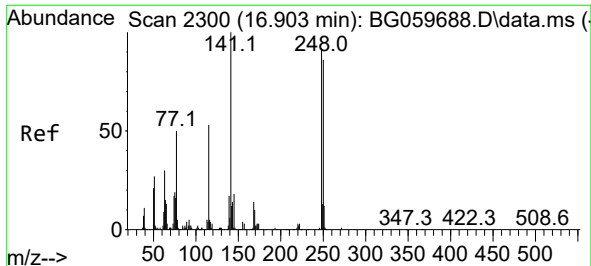
Tgt Ion:172 Resp: 665740
Ion Ratio Lower Upper
172 100
171 37.8 27.9 41.9
170 21.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.725 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:188 Resp: 218837
Ion Ratio Lower Upper
188 100
94 2.3 3.9 5.9#
80 4.0 4.5 6.7#

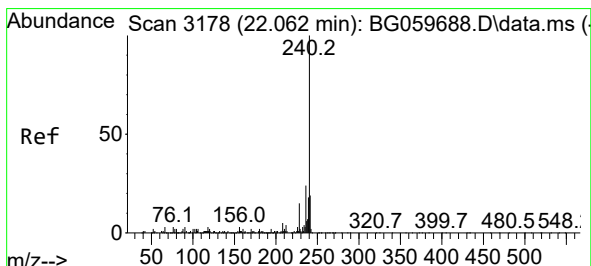
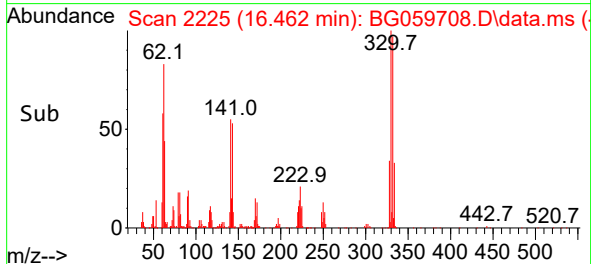
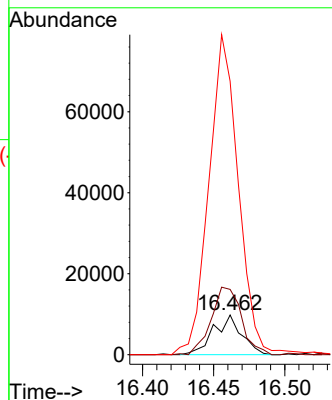
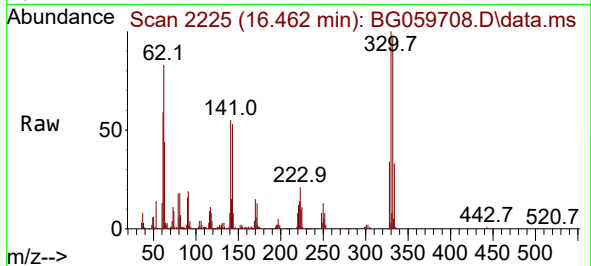




#67
4-Bromophenyl-phenylether
Concen: 5.840 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

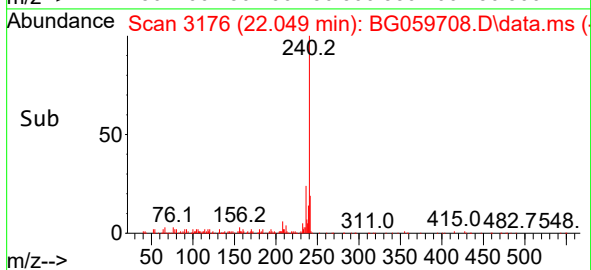
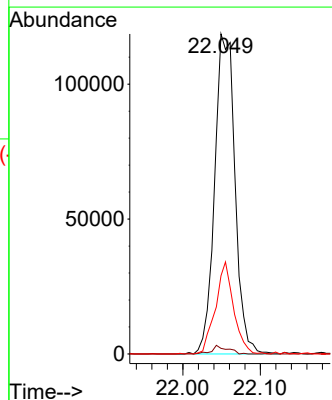
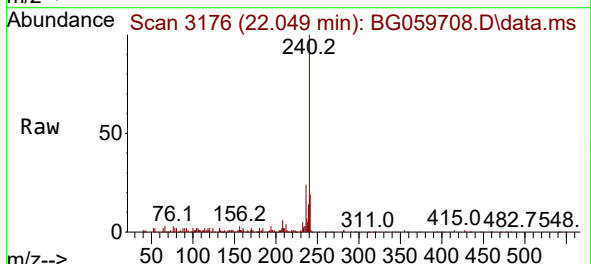
Instrument :
BNA_G
ClientSampleId :
WC-3

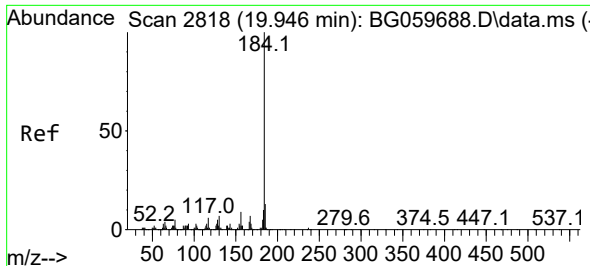
Tgt Ion:248 Resp: 13445
Ion Ratio Lower Upper
248 100
250 164.4 74.5 111.7#
141 688.4 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:240 Resp: 216141
Ion Ratio Lower Upper
240 100
120 1.7 2.6 3.8#
236 24.4 19.4 29.0

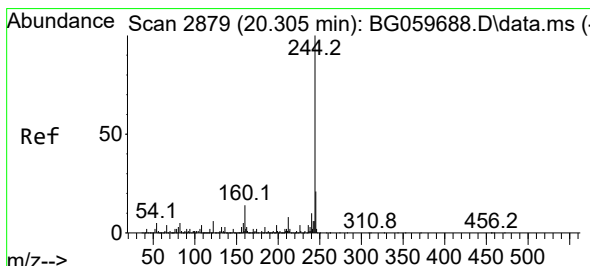
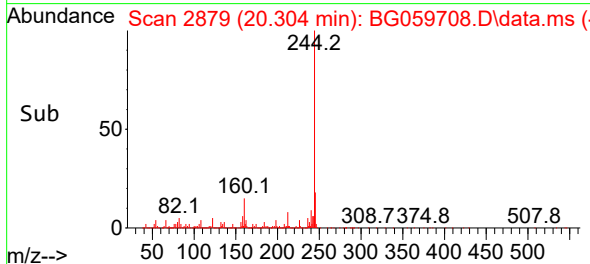
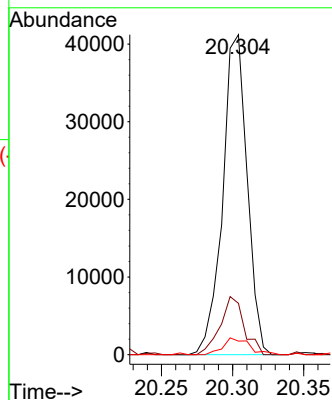
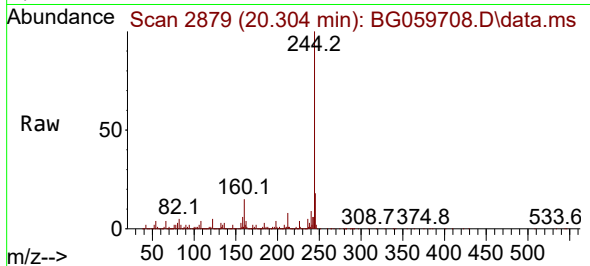




#77
Benzidine
Concen: 13.530 ng
RT: 20.304 min Scan# 2879
Delta R.T. 0.358 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

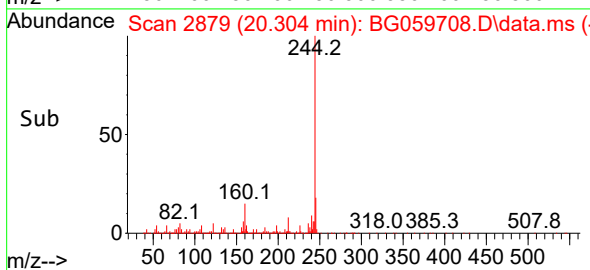
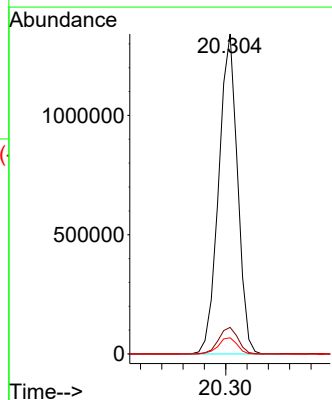
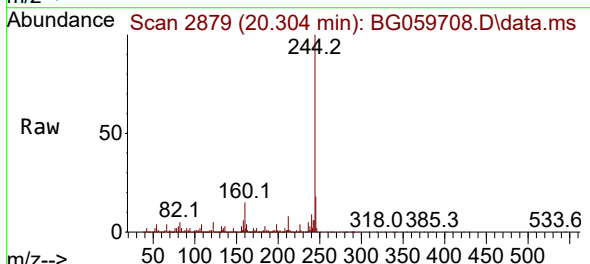
Instrument :
BNA_G
ClientSampleId :
WC-3

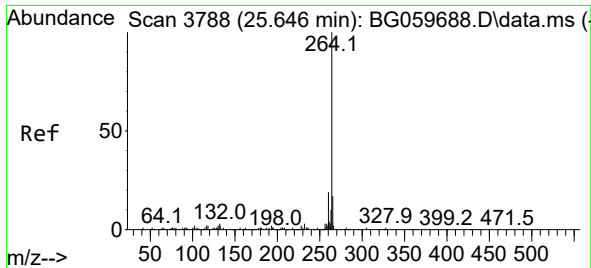
Tgt Ion:184 Resp: 49412
Ion Ratio Lower Upper
184 100
185 16.1 10.7 16.1
183 4.2 7.8 11.6#



#79
Terphenyl-d14
Concen: 156.591 ng
RT: 20.304 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:244 Resp: 1640440
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 5.1 4.6 6.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.651 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 241458
Ion Ratio Lower Upper
264 100
260 25.6 15.6 23.4#
265 19.7 13.4 20.2

