

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059704.D
 Acq On : 15 Nov 2023 17:45
 Operator : MA/JU
 Sample : 05256-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-11RE

Quant Time: Nov 16 02:51:09 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)

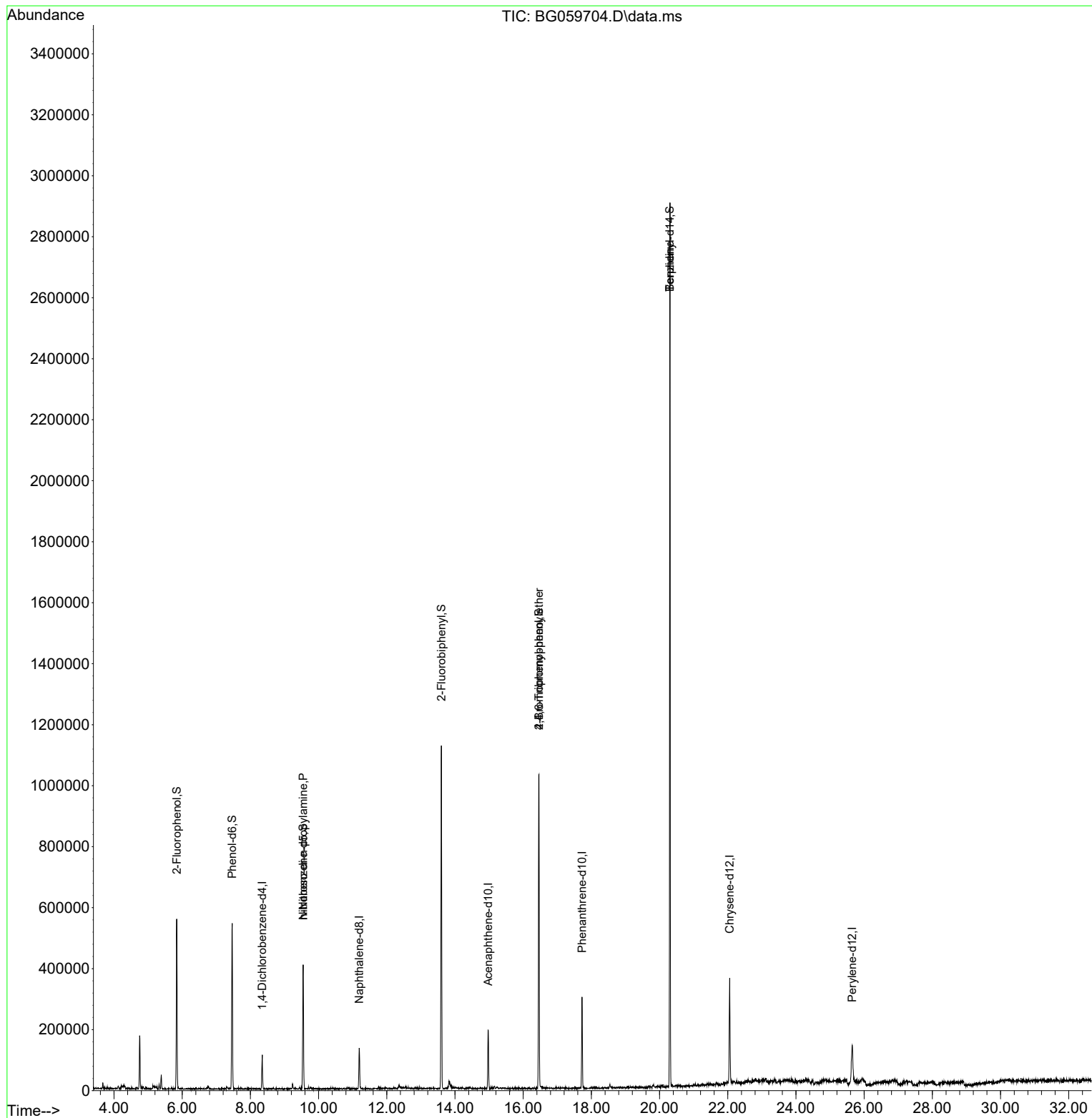
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	20466	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	91148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	61094	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	164422	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	191001	20.000	ng	0.00
86) Perylene-d12	25.645	264	134989	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	188696	159.175	ng	0.00
7) Phenol-d6	7.466	99	240835	134.432	ng	0.00
23) Nitrobenzene-d5	9.546	82	243641	114.912	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	135764	196.908	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	481628	106.285	ng	0.00
79) Terphenyl-d14	20.304	244	1114501	120.389	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	118	Below Cal	#	1
3) Pyridine	4.117	79	82	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	9.546	70	41382	29.985	ng	# 76
67) 4-Bromophenyl-phenylether	16.461	248	10193	5.893	ng	# 1
77) Benzidine	20.304	184	33706	10.444	ng	# 93
78) Pyrene	20.128	202	821	Below Cal	#	58

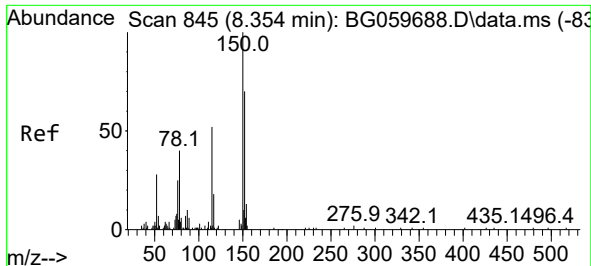
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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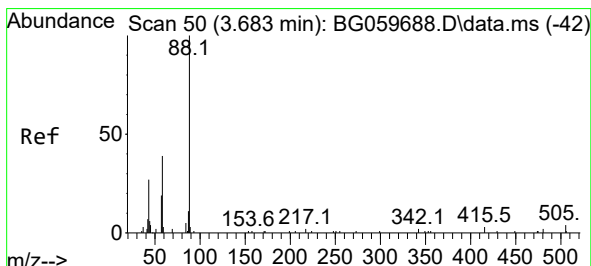
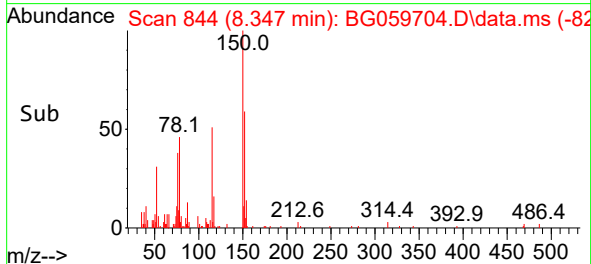
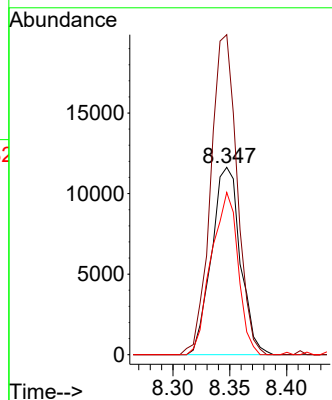
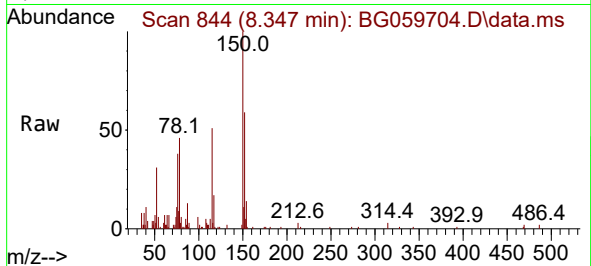




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

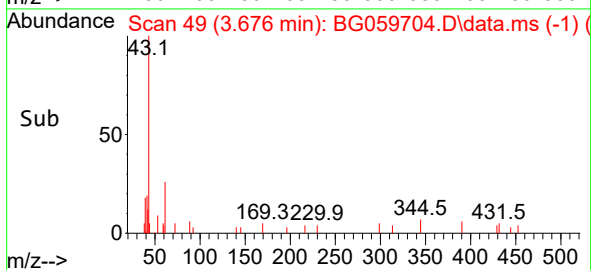
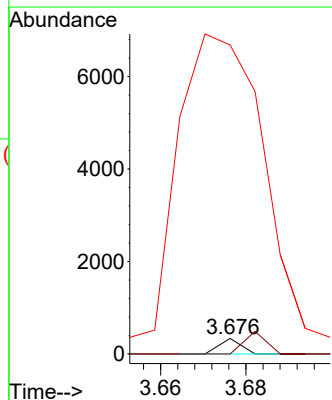
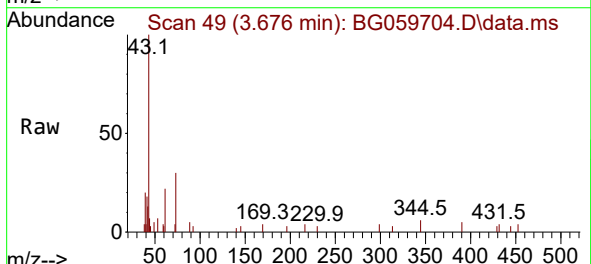
Instrument :
BNA_G
ClientSampleId :
WC-11RE

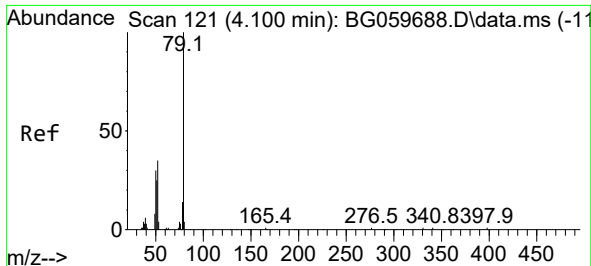
Tgt Ion:152 Resp: 20466
Ion Ratio Lower Upper
152 100
150 170.8 113.9 170.9
115 86.7 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.676 min Scan# 49
Delta R.T. -0.007 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 145.8 30.5 45.7#
43 8655.9 17.7 26.5#

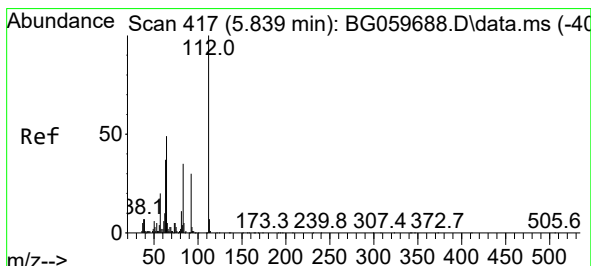
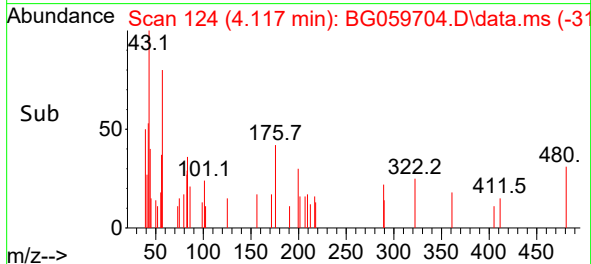
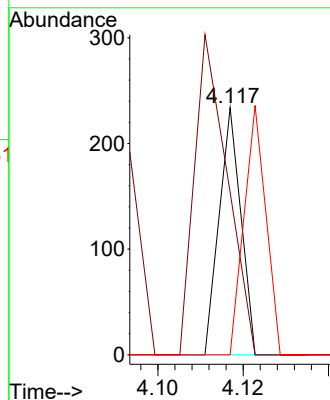
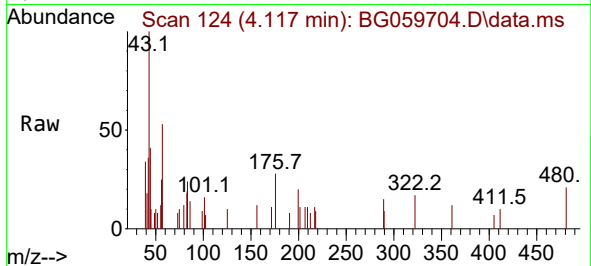




#3
Pyridine
Concen: Below Cal
RT: 4.117 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

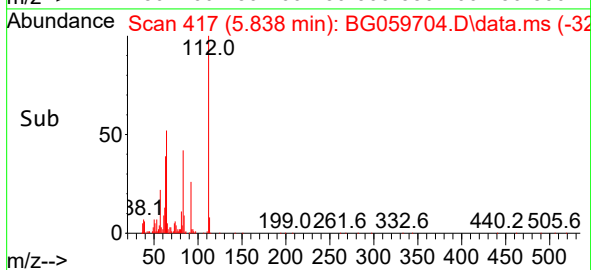
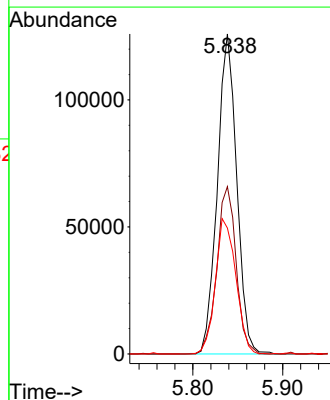
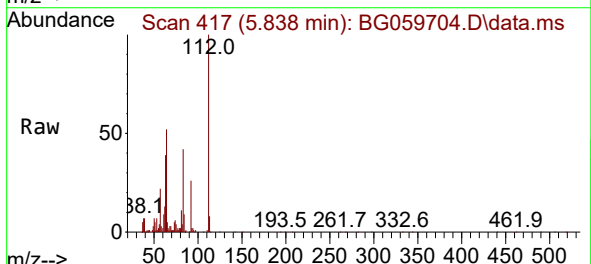
Instrument :
BNA_G
ClientSampleId :
WC-11RE

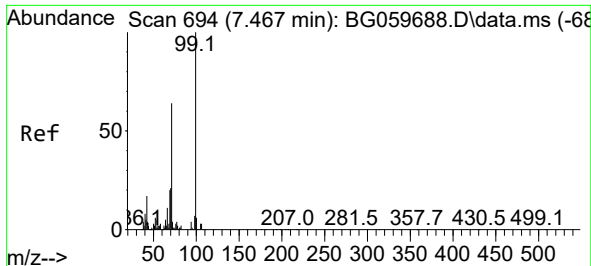
Tgt Ion: 79 Resp: 82
Ion Ratio Lower Upper
79 100
52 65.8 27.8 41.8#
51 0.0 20.2 30.2#



#5
2-Fluorophenol
Concen: 159.175 ng
RT: 5.838 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion: 112 Resp: 188696
Ion Ratio Lower Upper
112 100
64 52.3 39.0 58.6
63 39.4 29.8 44.6

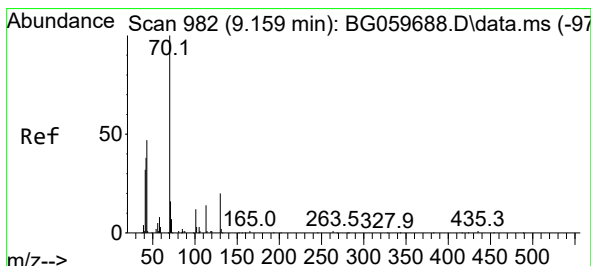
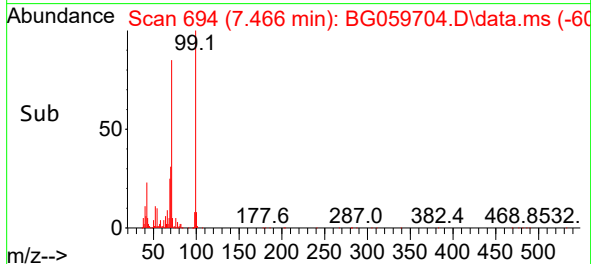
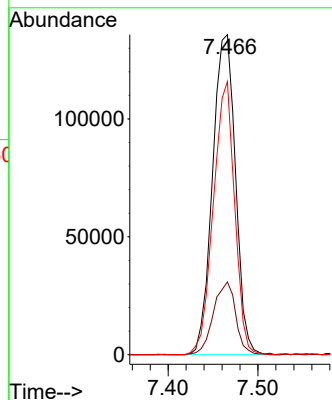
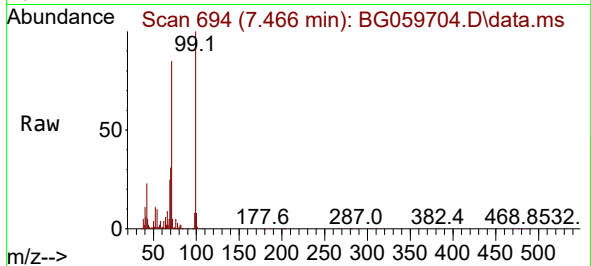




#7
Phenol-d6
Concen: 134.432 ng
RT: 7.466 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

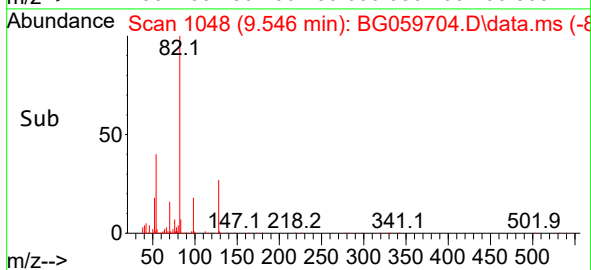
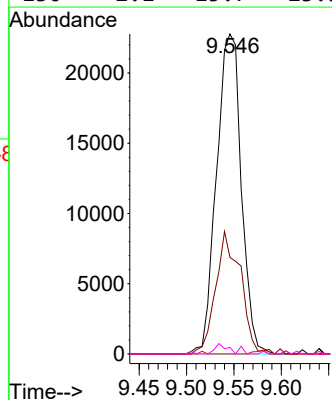
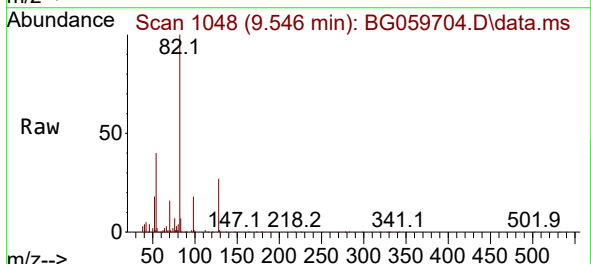
Instrument :
BNA_G
ClientSampleId :
WC-11RE

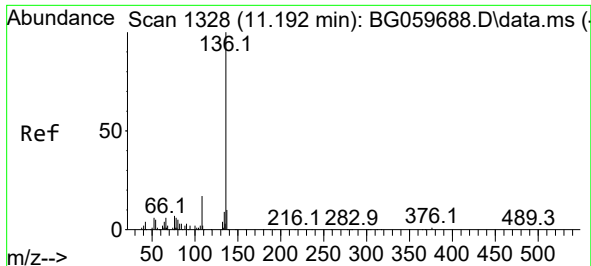
Tgt Ion: 99 Resp: 240835
Ion Ratio Lower Upper
99 100
42 22.8 13.2 19.8#
71 85.4 51.3 76.9#



#19
n-Nitroso-di-n-propylamine
Concen: 29.985 ng
RT: 9.546 min Scan# 1048
Delta R.T. 0.387 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion: 70 Resp: 41382
Ion Ratio Lower Upper
70 100
42 30.1 30.8 46.2#
101 0.0 9.4 14.2#
130 2.1 15.7 23.5#

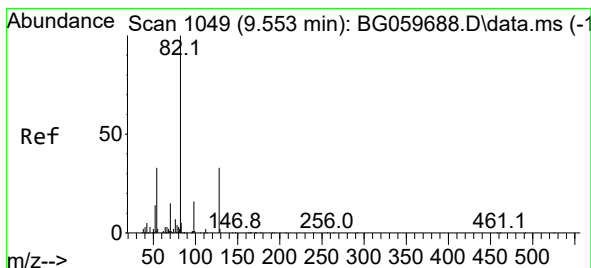
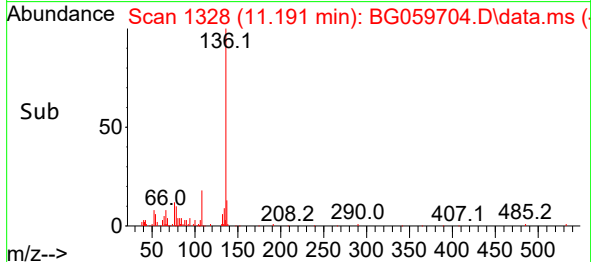
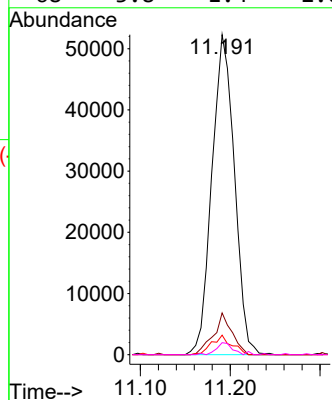
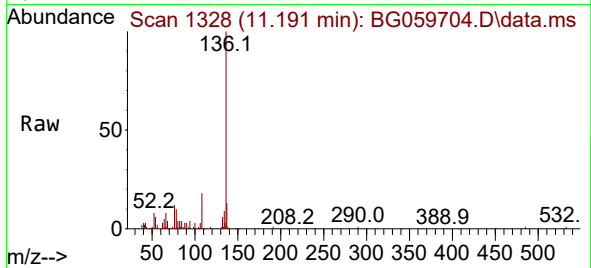




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

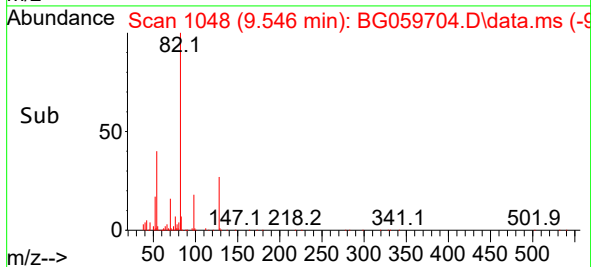
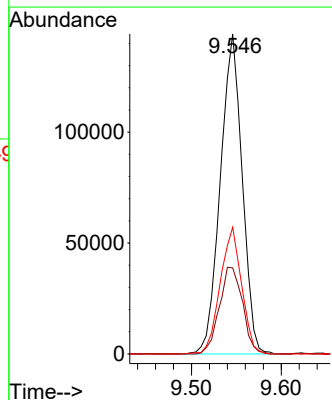
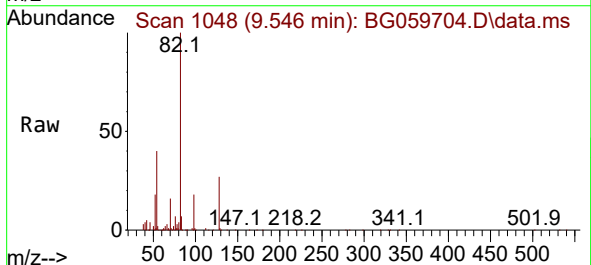
Instrument :
BNA_G
ClientSampleId :
WC-11RE

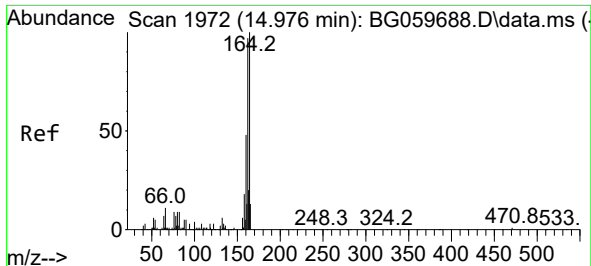
Tgt Ion:136 Resp: 91148
Ion Ratio Lower Upper
136 100
137 13.1 7.7 11.5#
54 6.1 4.2 6.2
68 3.8 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 114.912 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion: 82 Resp: 243641
Ion Ratio Lower Upper
82 100
128 26.9 26.3 39.5
54 39.6 26.6 39.8

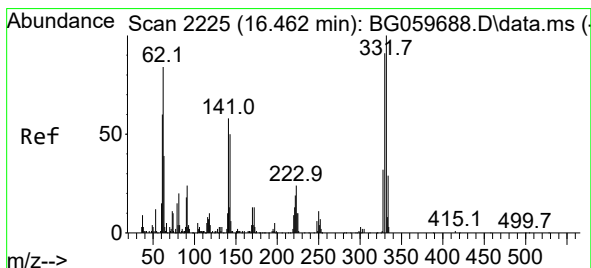
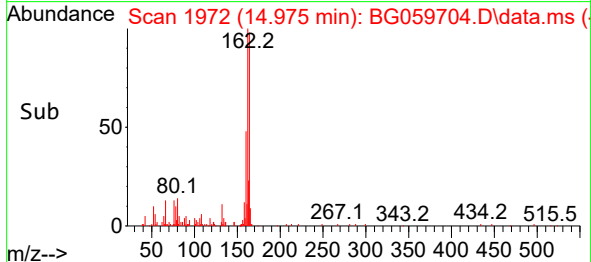
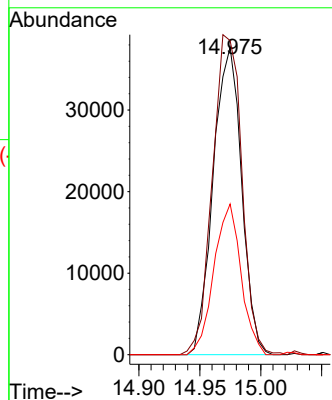
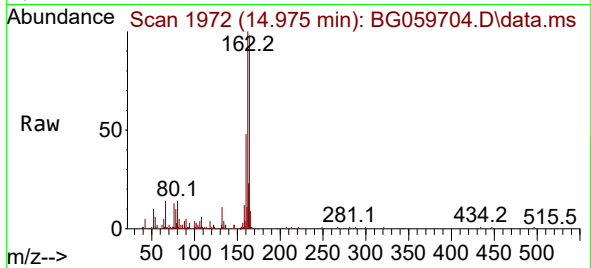




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

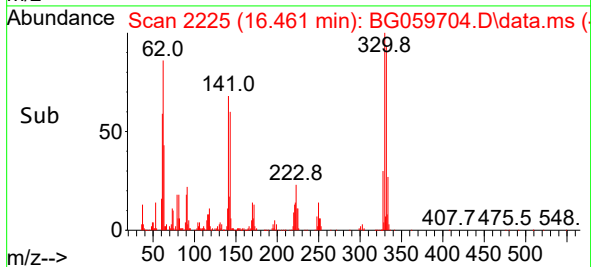
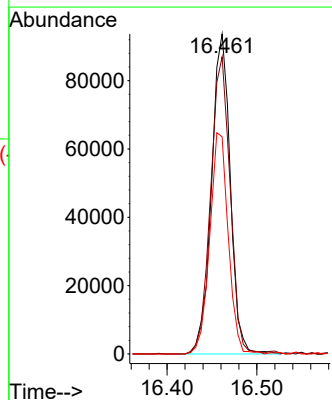
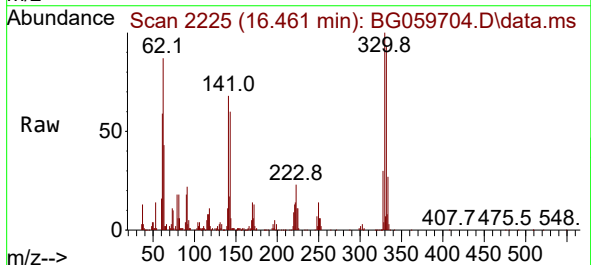
Instrument :
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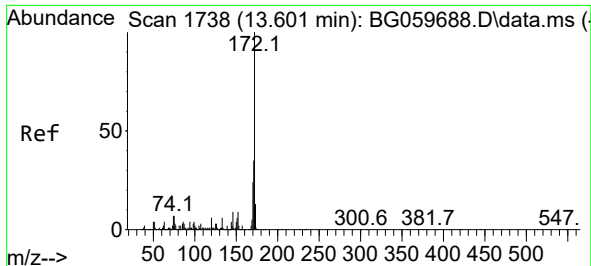
Tgt Ion:164 Resp: 61094
Ion Ratio Lower Upper
164 100
162 102.1 77.8 116.6
160 49.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 196.908 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion:330 Resp: 135764
Ion Ratio Lower Upper
330 100
332 96.5 80.7 121.1
141 68.1 51.0 76.6

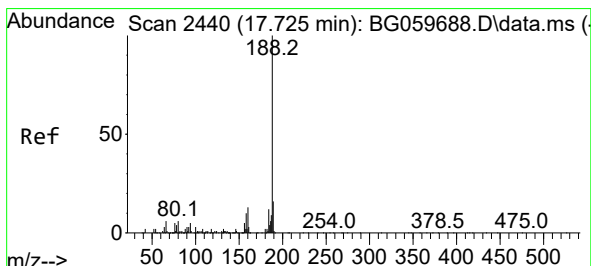
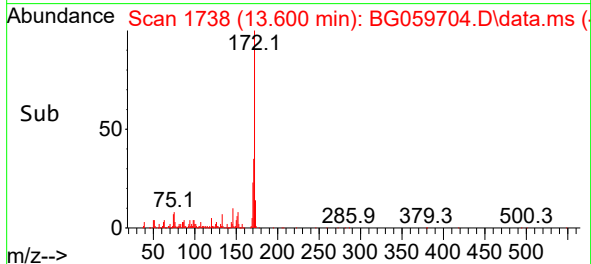
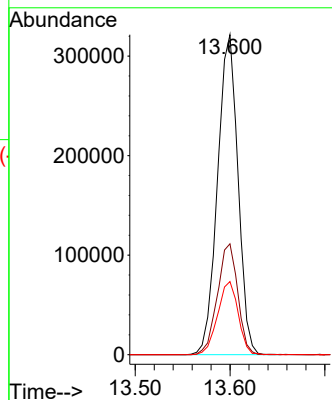
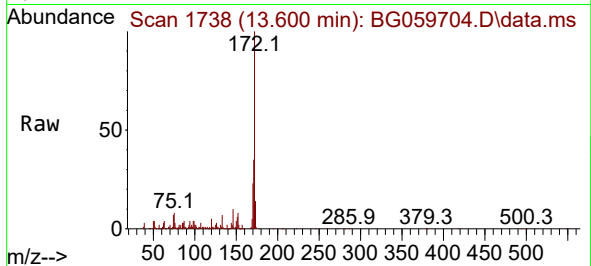




#45
2-Fluorobiphenyl
Concen: 106.285 ng
RT: 13.600 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

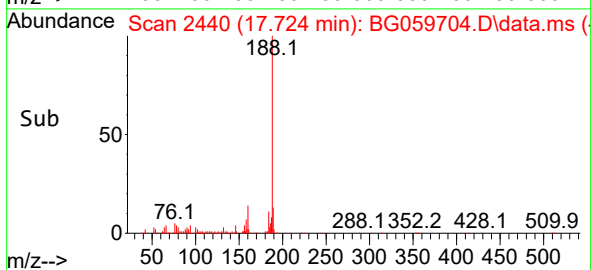
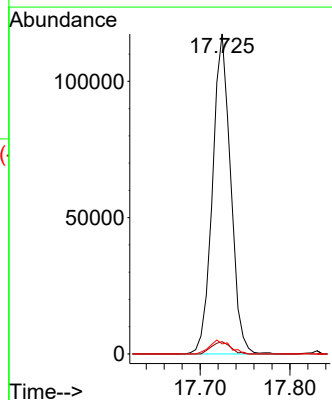
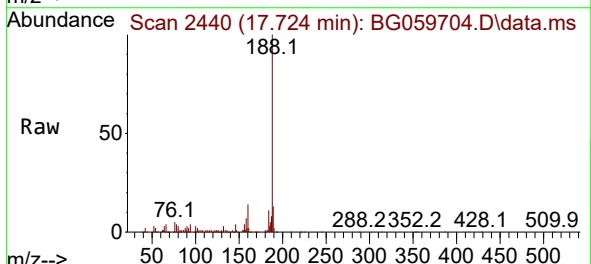
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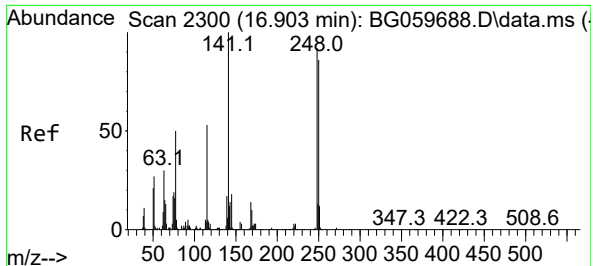
Tgt Ion:172 Resp: 481628
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.724 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion:188 Resp: 164422
Ion Ratio Lower Upper
188 100
94 3.9 3.9 5.9#
80 3.2 4.5 6.7#





#67

4-Bromophenyl-phenylether

Concen: 5.893 ng

RT: 16.461 min Scan# 21

Delta R.T. -0.442 min

Lab File: BG059704.D

Acq: 15 Nov 2023 17:45

Instrument :

BNA_G

ClientSampleId :

WC-11RE

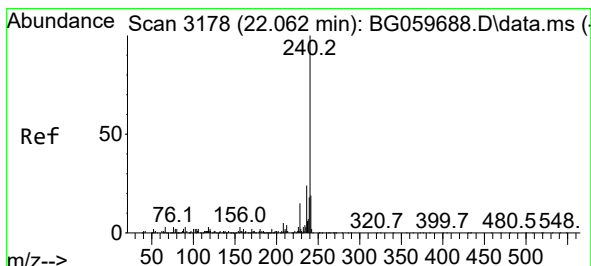
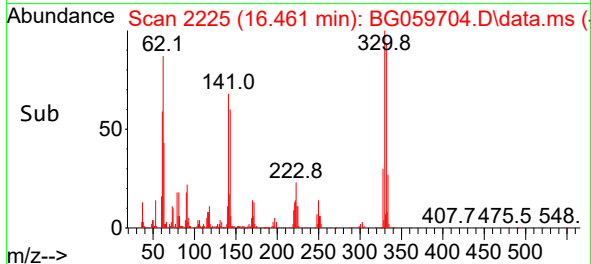
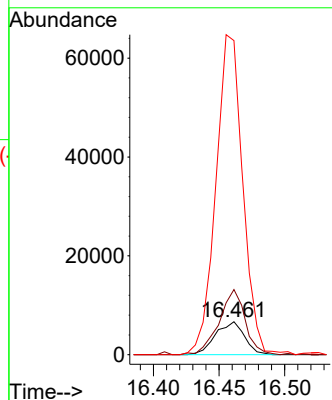
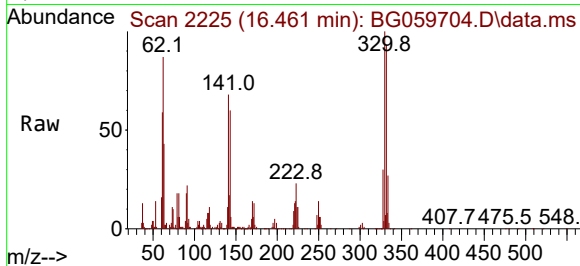
Tgt Ion:248 Resp: 10193

Ion Ratio Lower Upper

248 100

250 197.7 74.5 111.7#

141 952.5 86.6 129.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.055 min Scan# 3177

Delta R.T. -0.007 min

Lab File: BG059704.D

Acq: 15 Nov 2023 17:45

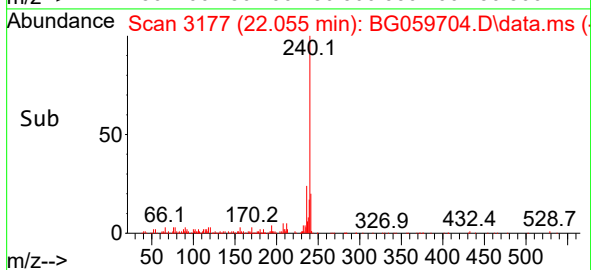
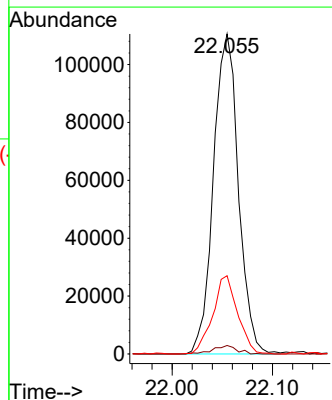
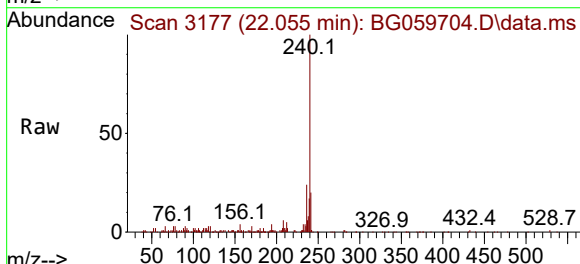
Tgt Ion:240 Resp: 191001

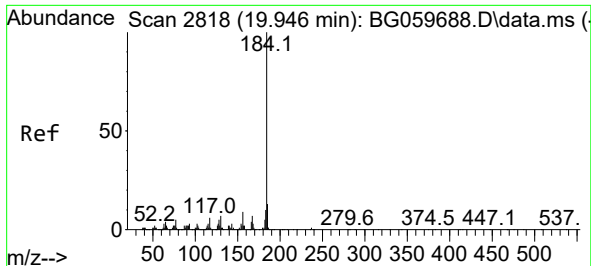
Ion Ratio Lower Upper

240 100

120 2.6 2.6 3.8

236 24.4 19.4 29.0

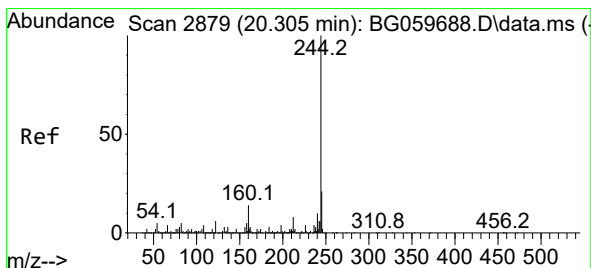
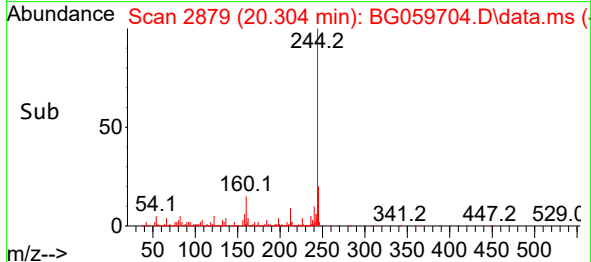
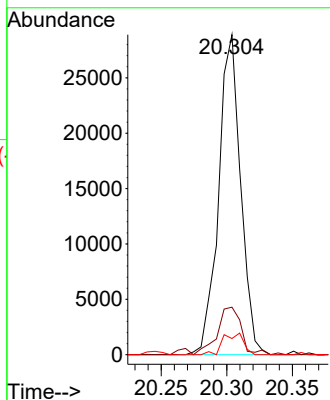
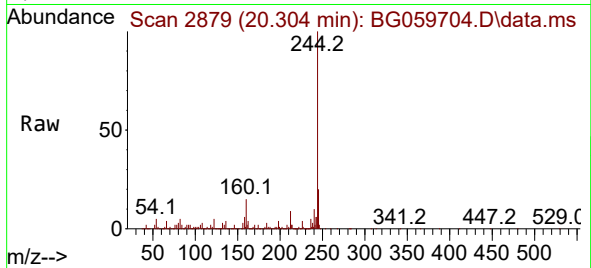




#77
Benzidine
Concen: 10.444 ng
RT: 20.304 min Scan# 2879
Delta R.T. 0.358 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

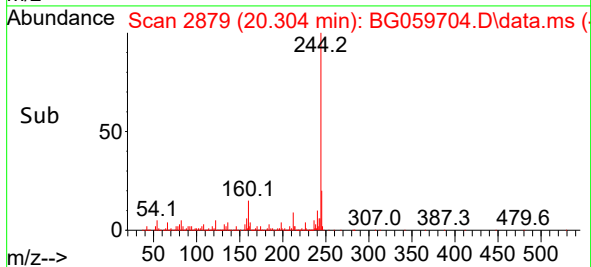
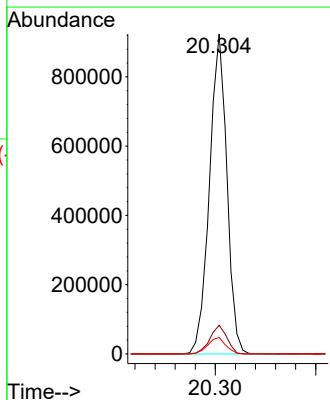
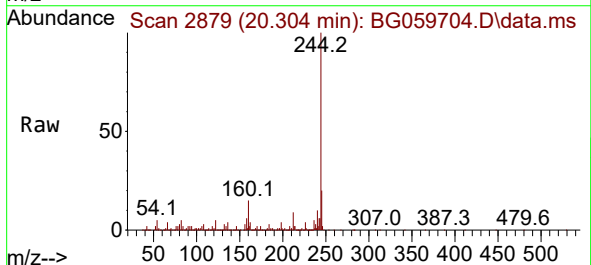
Instrument :
BNA_G
ClientSampleId :
WC-11RE

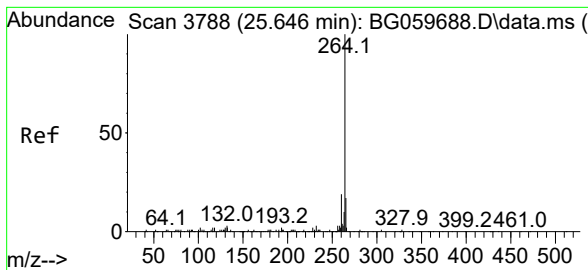
Tgt Ion:184 Resp: 33706
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 5.1 7.8 11.6#



#79
Terphenyl-d14
Concen: 120.389 ng
RT: 20.304 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG059704.D
Acq: 15 Nov 2023 17:45

Tgt Ion:244 Resp: 1114501
Ion Ratio Lower Upper
244 100
212 9.0 6.6 9.8
122 5.2 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.645 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG059704.D
 Acq: 15 Nov 2023 17:45

Instrument :
 BNA_G
 ClientSampleId :
 WC-11RE

Tgt Ion:264 Resp: 134989

Ion	Ratio	Lower	Upper
264	100		
260	30.5	15.6	23.4#
265	18.7	13.4	20.2

