

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060161.D
 Acq On : 23 Dec 2023 7:01
 Operator : MA/JU
 Sample : 05862-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUIDS-20231213-01

Quant Time: Dec 25 00:44:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

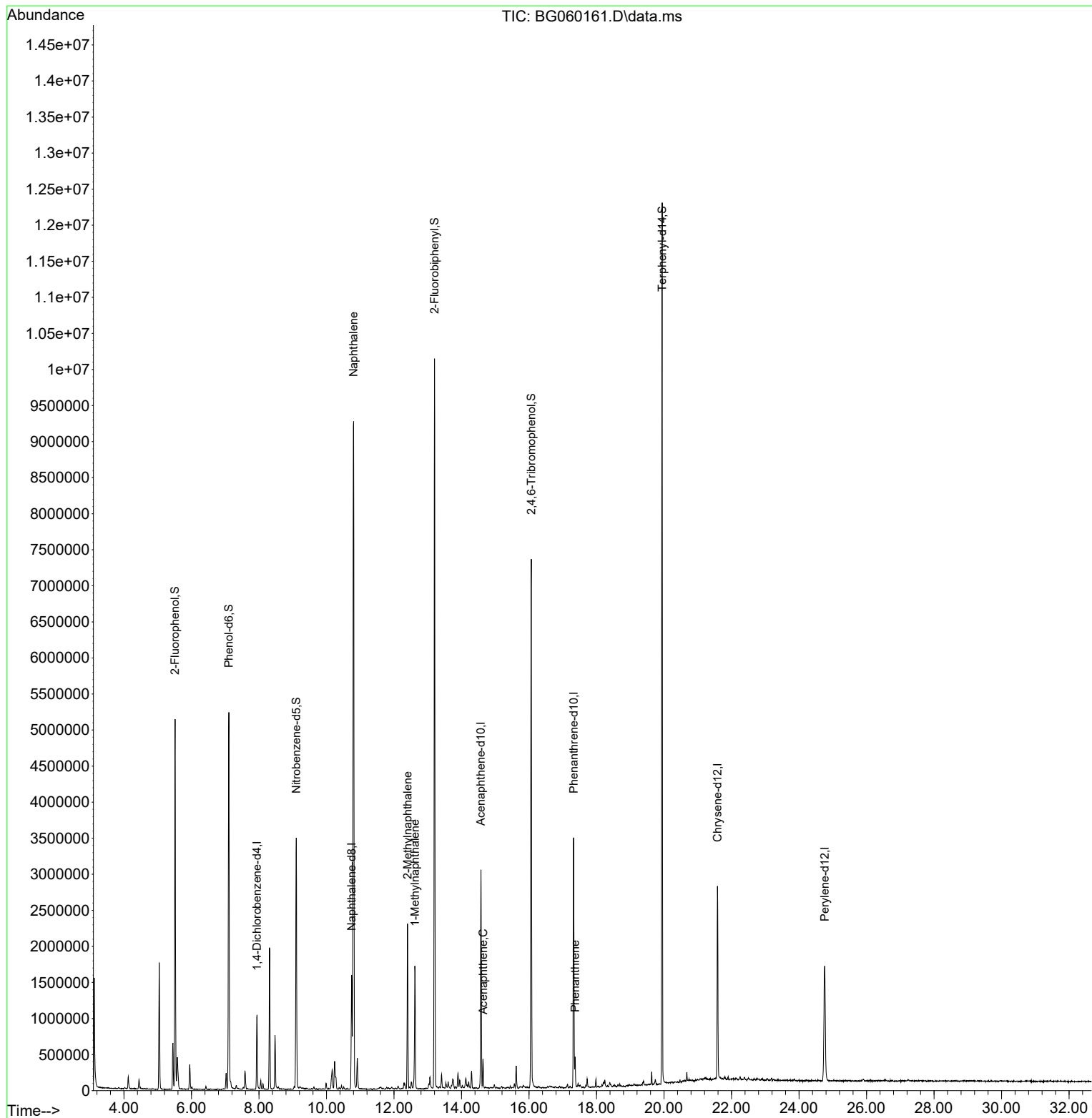
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	318844	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	1431095	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1070032	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	2316261	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1583815	20.000	ng	-0.01
86) Perylene-d12	24.763	264	1789767	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	2341644	115.723	ng	0.00
7) Phenol-d6	7.107	99	3331148	97.818	ng	0.00
23) Nitrobenzene-d5	9.105	82	2296729	78.619	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1482576	102.906	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	5084777	71.353	ng	0.00
79) Terphenyl-d14	19.945	244	5348928	61.112	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.803	128	7201729	94.530	ng	# 79
37) 2-Methylnaphthalene	12.401	142	1067286	18.051	ng	99
38) 1-Methylnaphthalene	12.624	142	819928	13.815	ng	98
52) Acenaphthene	14.640	154	145513	2.374	ng	92
71) Phenanthrene	17.366	178	255287	2.187	ng	95

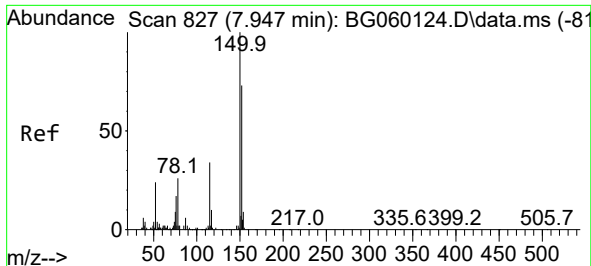
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-LIQUIDS-20231213-01

Quant Time: Dec 25 00:44:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

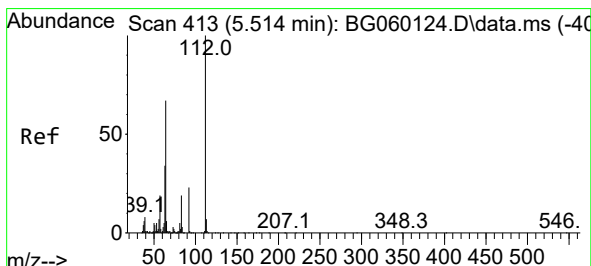
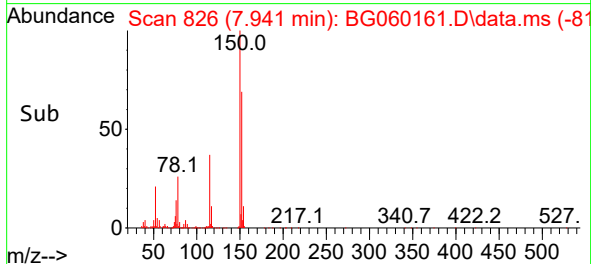
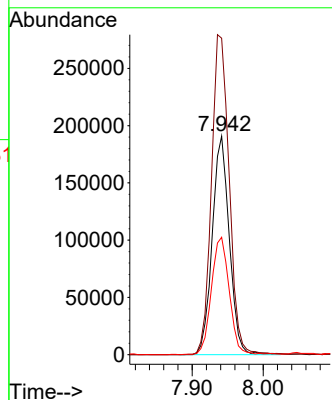
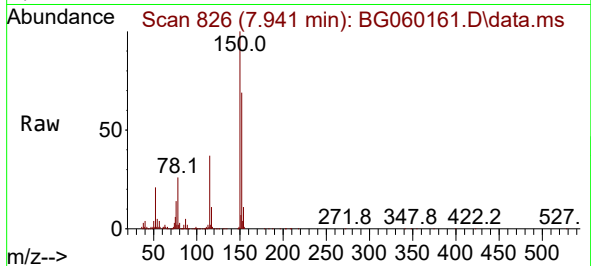




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

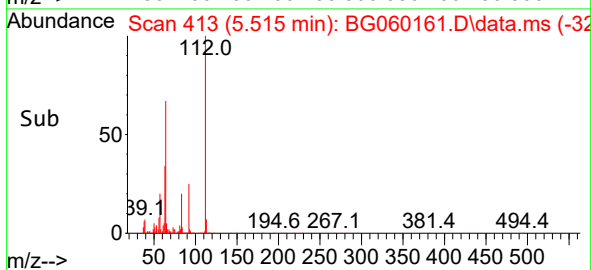
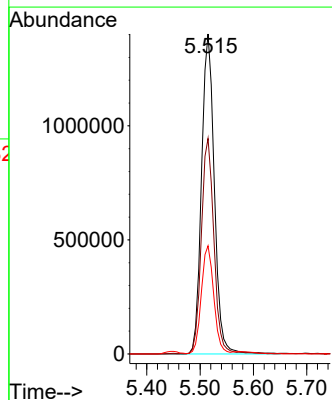
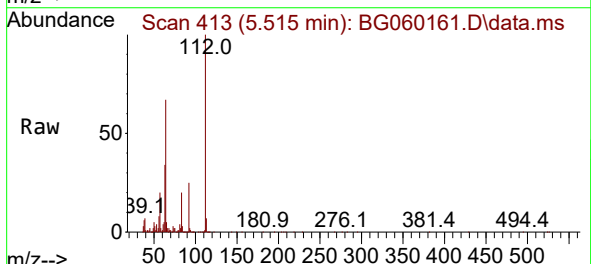
Instrument :
BNA_G
ClientSampleId :
WC-LIQUIDS-20231213-01

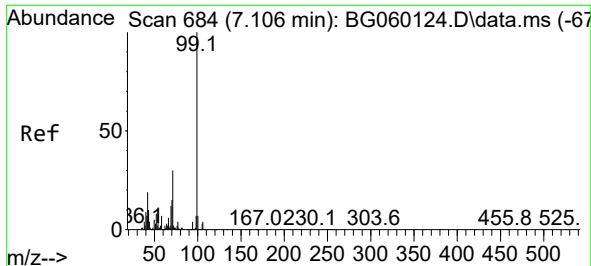
Tgt Ion:152 Resp: 318844
Ion Ratio Lower Upper
152 100
150 144.8 109.4 164.0
115 53.7 36.5 54.7



#5
2-Fluorophenol
Concen: 115.723 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:112 Resp: 2341644
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 33.8 27.1 40.7

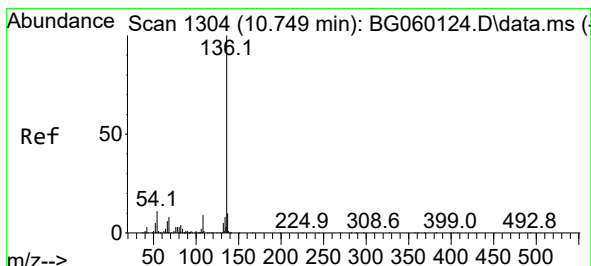
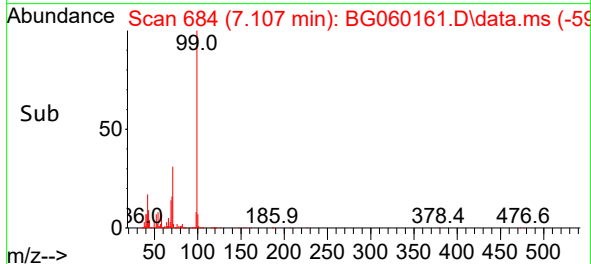
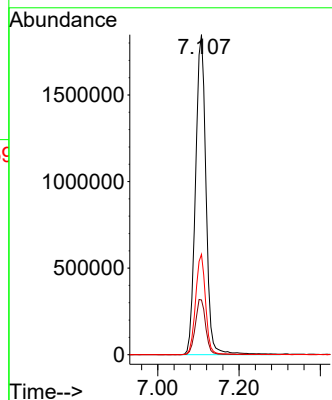
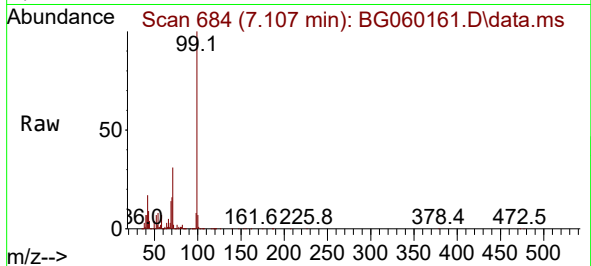




#7
Phenol-d6
Concen: 97.818 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

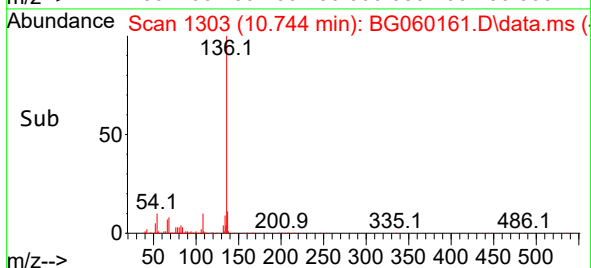
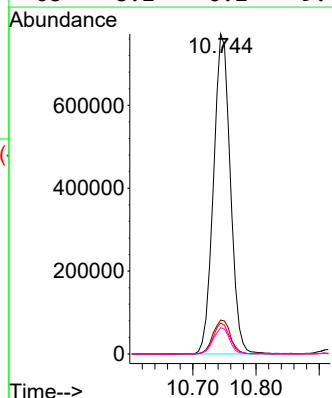
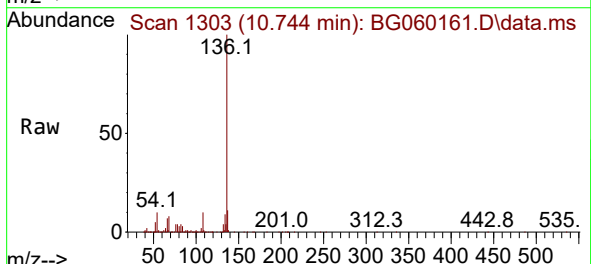
Instrument :
BNA_G
ClientSampleId :
WC-LIQUIDS-20231213-01

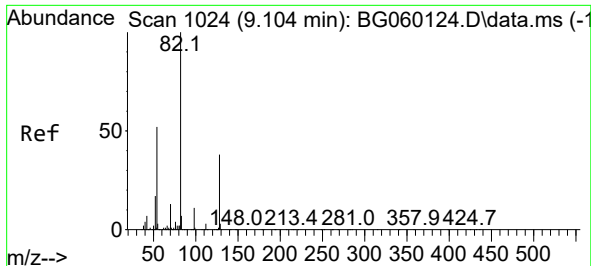
Tgt Ion: 99 Resp: 3331148
Ion Ratio Lower Upper
99 100
42 17.1 15.2 22.8
71 31.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:136 Resp: 1431095
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 9.7 8.7 13.1
68 8.2 6.2 9.4

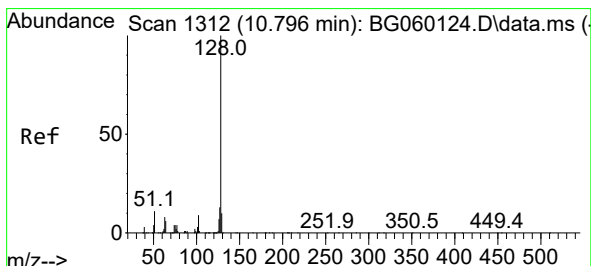
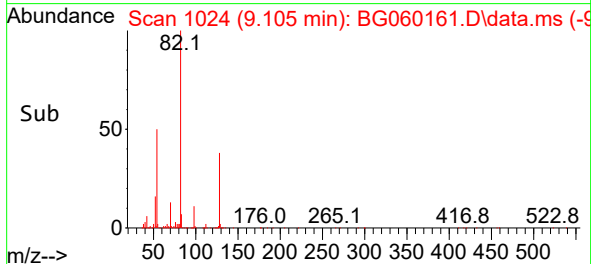
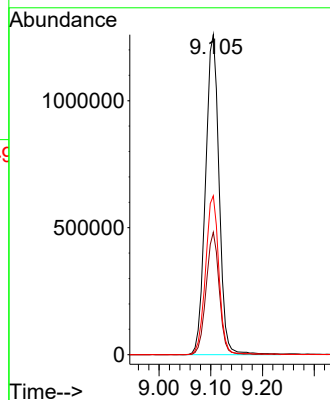
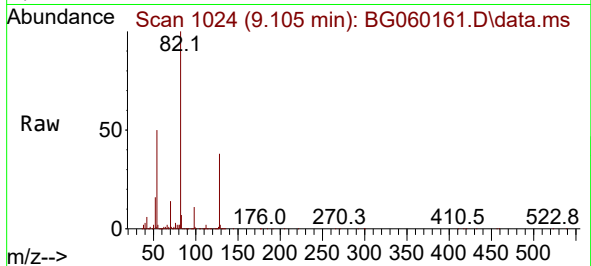




#23
Nitrobenzene-d5
Concen: 78.619 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

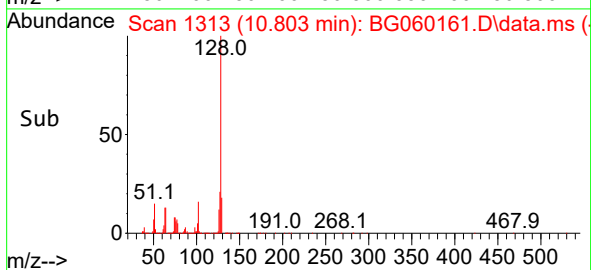
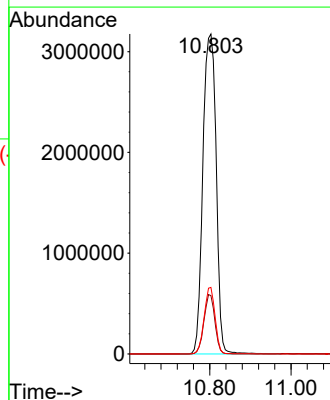
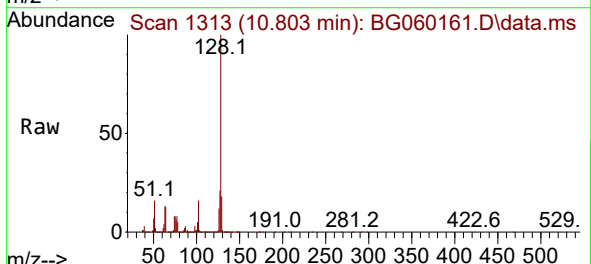
Instrument :
BNA_G
ClientSampleId :
WC-LIQUIDS-20231213-01

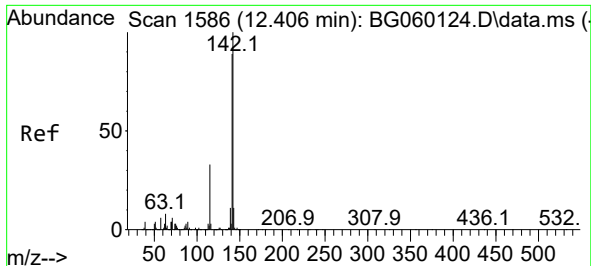
Tgt Ion: 82 Resp: 2296729
Ion Ratio Lower Upper
82 100
128 38.3 30.5 45.7
54 49.7 41.9 62.9



#31
Naphthalene
Concen: 94.530 ng
RT: 10.803 min Scan# 1313
Delta R.T. 0.007 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:128 Resp: 7201729
Ion Ratio Lower Upper
128 100
129 18.3 7.8 11.8#
127 20.8 10.3 15.5#

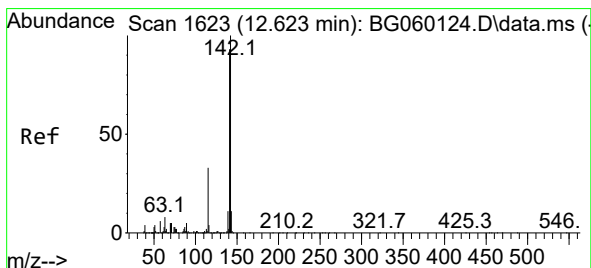
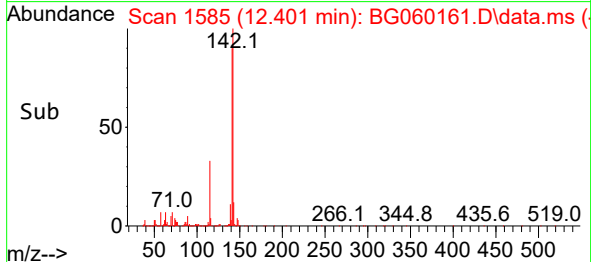
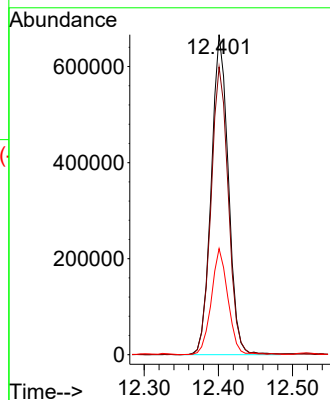
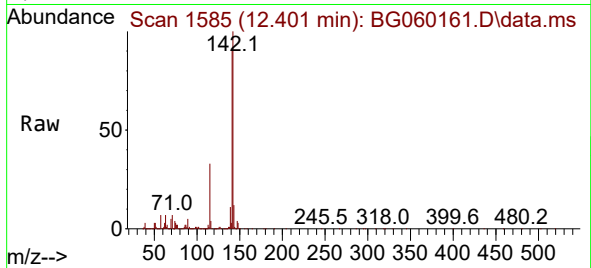




#37
2-Methylnaphthalene
Concen: 18.051 ng
RT: 12.401 min Scan# 1585
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

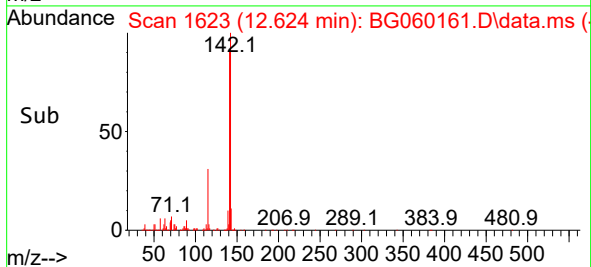
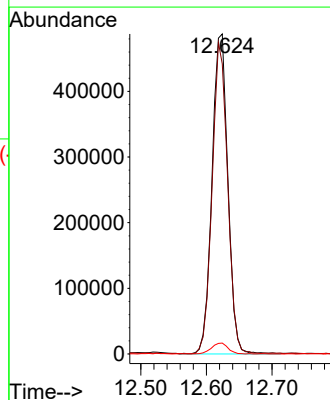
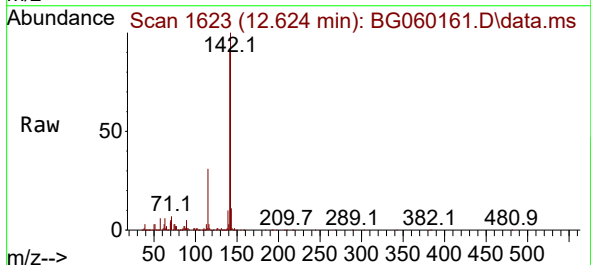
Instrument :
BNA_G
ClientSampleId :
WC-LIQUIDS-20231213-01

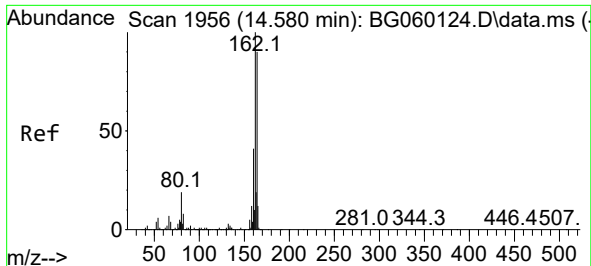
Tgt Ion:142 Resp: 1067286
Ion Ratio Lower Upper
142 100
141 89.9 71.5 107.3
115 33.1 26.1 39.1



#38
1-Methylnaphthalene
Concen: 13.815 ng
RT: 12.624 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:142 Resp: 819928
Ion Ratio Lower Upper
142 100
141 90.6 74.4 111.6
116 3.4 2.9 4.3

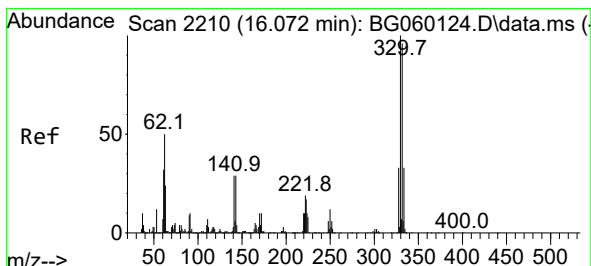
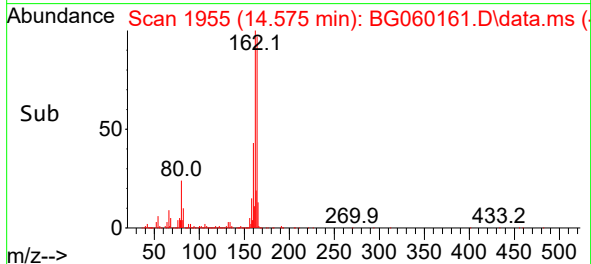
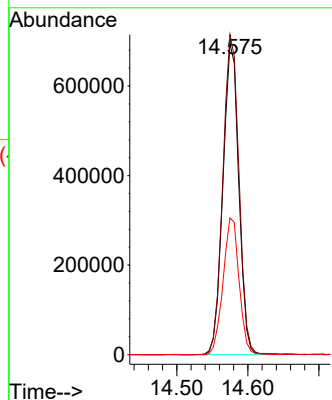
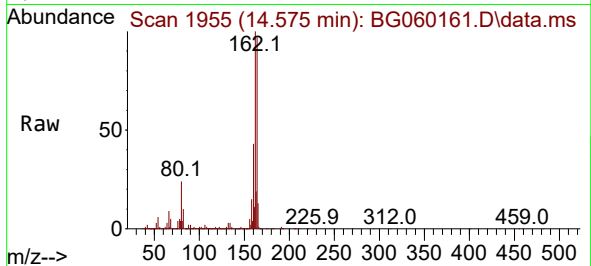




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

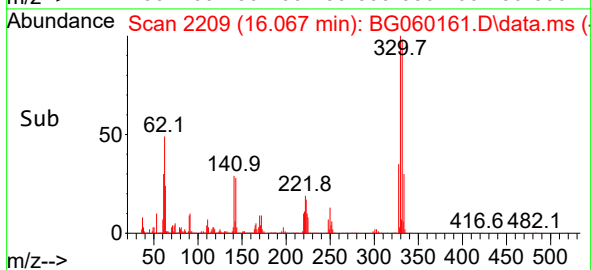
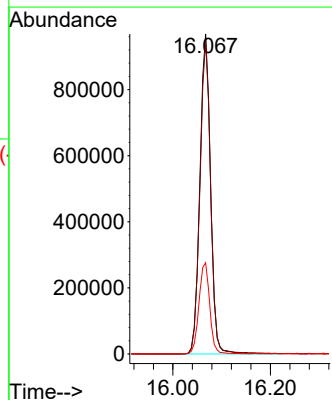
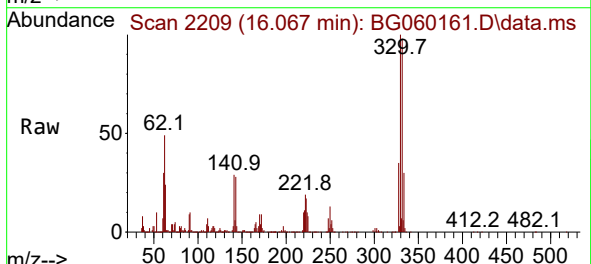
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WC-LIQUIDS-20231213-01

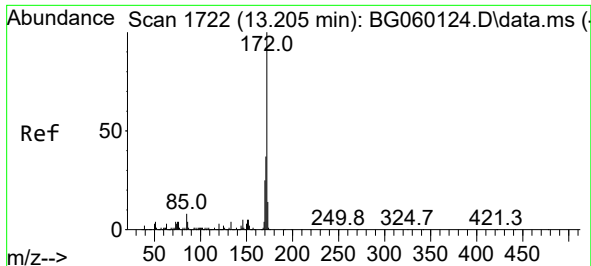
Tgt Ion:164 Resp: 1070032
Ion Ratio Lower Upper
164 100
162 102.8 88.5 132.7
160 44.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 102.906 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:330 Resp: 1482576
Ion Ratio Lower Upper
330 100
332 96.9 75.5 113.3
141 28.7 24.7 37.1

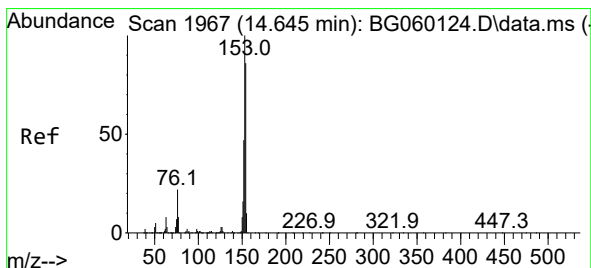
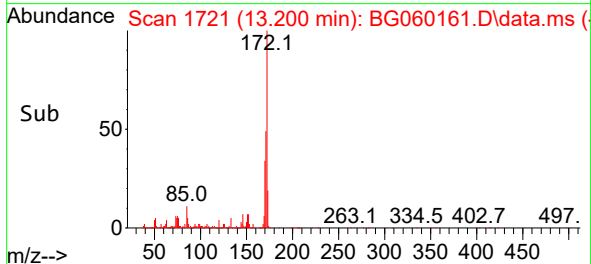
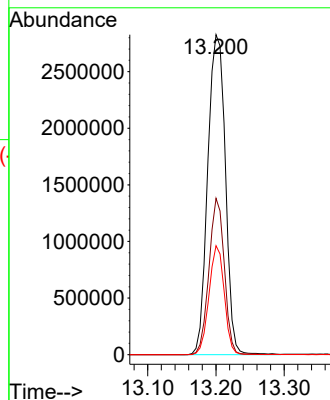
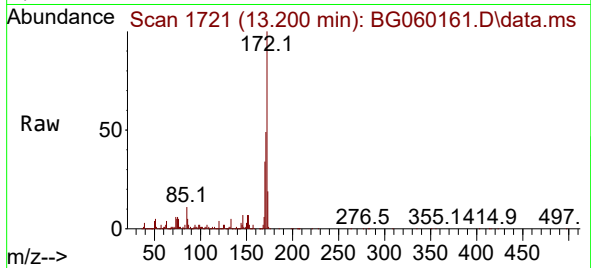




#45
2-Fluorobiphenyl
Concen: 71.353 ng
RT: 13.200 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

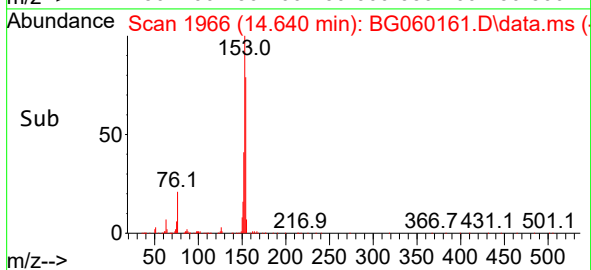
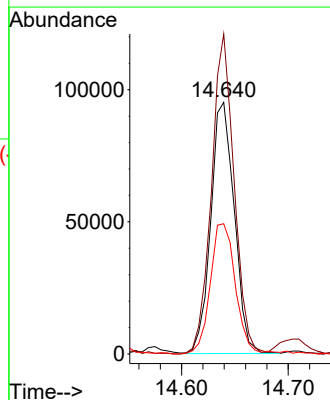
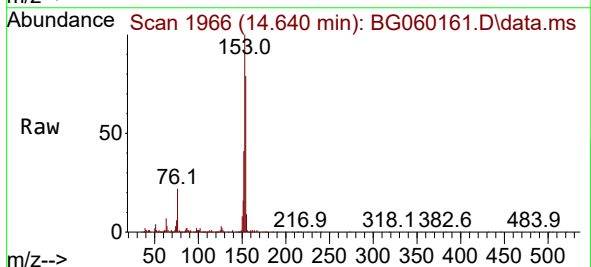
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WC-LIQUIDS-20231213-01

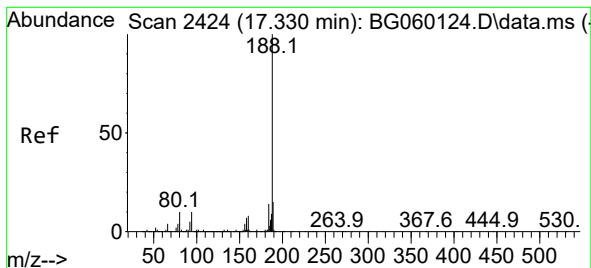
Tgt Ion:172 Resp: 5084777
Ion Ratio Lower Upper
172 100
171 48.8 29.2 43.8#
170 34.1 20.1 30.1#



#52
Acenaphthene
Concen: 2.374 ng
RT: 14.640 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:154 Resp: 145513
Ion Ratio Lower Upper
154 100
153 127.2 92.9 139.3
152 51.7 43.3 64.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060161.D

Acq: 23 Dec 2023 7:01

Instrument :

BNA_G

ClientSampleId :

WC-LIQUIDS-20231213-01

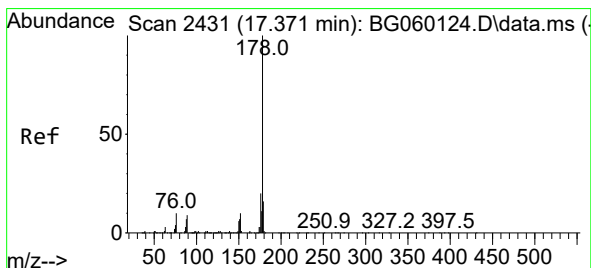
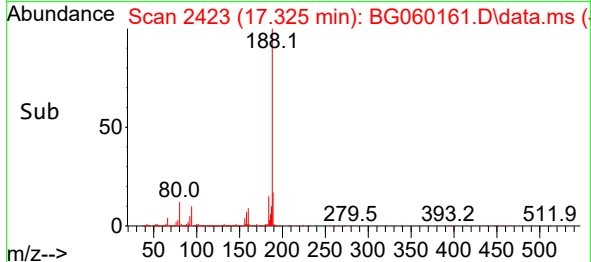
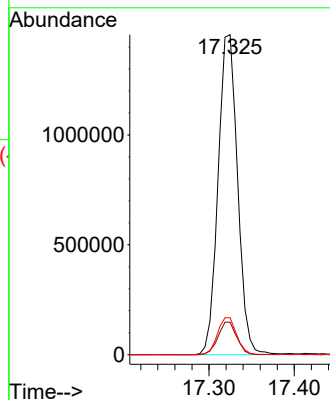
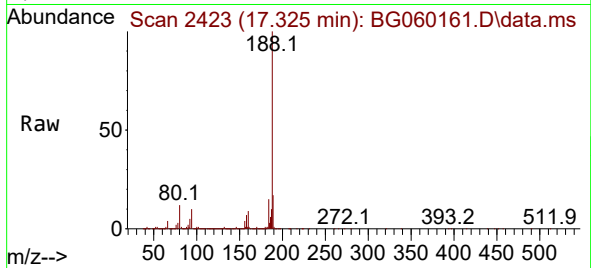
Tgt Ion:188 Resp: 2316261

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.5 7.9 11.9



#71

Phenanthrene

Concen: 2.187 ng

RT: 17.366 min Scan# 2430

Delta R.T. -0.005 min

Lab File: BG060161.D

Acq: 23 Dec 2023 7:01

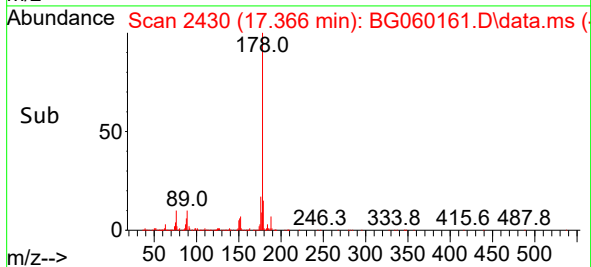
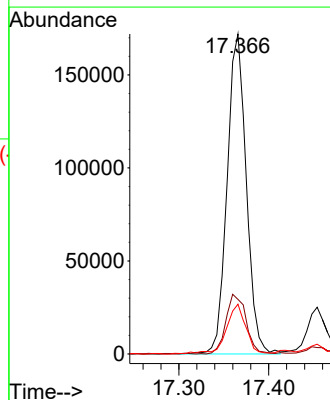
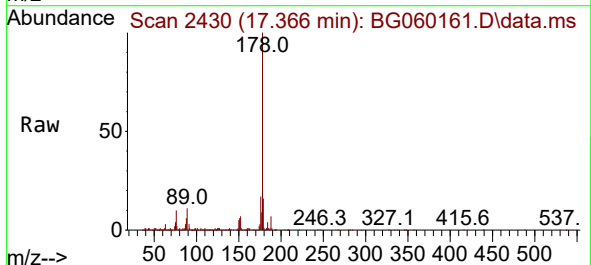
Tgt Ion:178 Resp: 255287

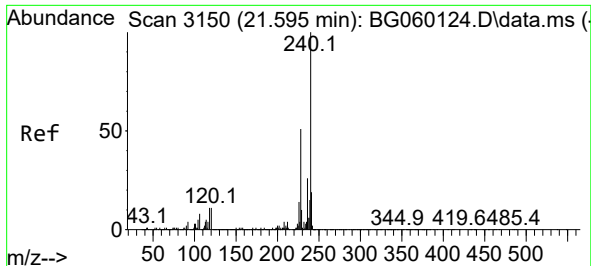
Ion Ratio Lower Upper

178 100

176 17.1 16.0 24.0

179 15.5 13.2 19.8

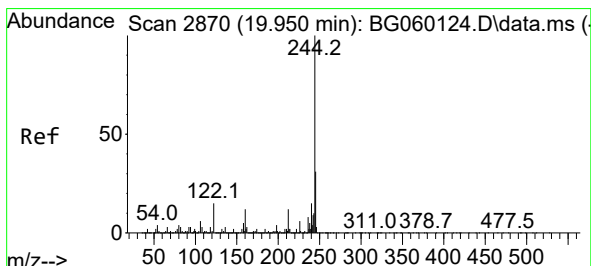
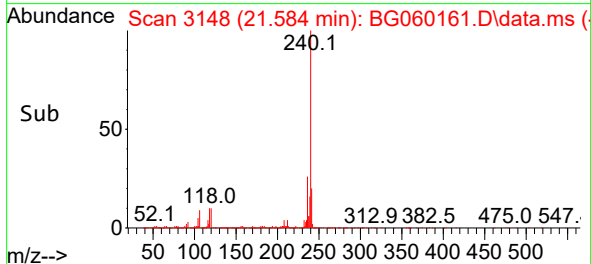
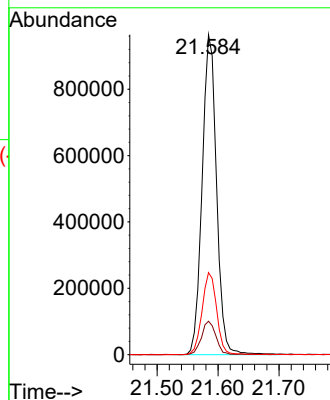
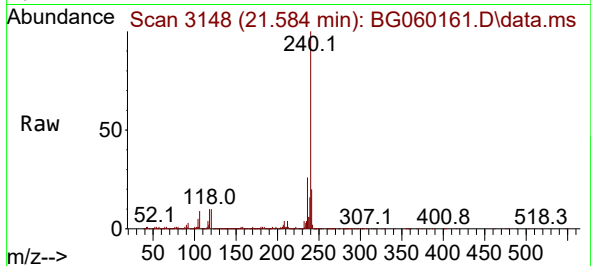




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

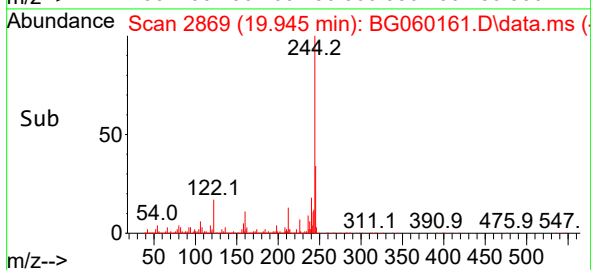
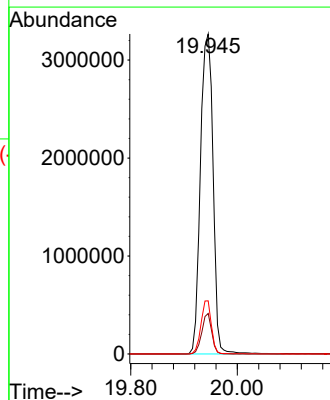
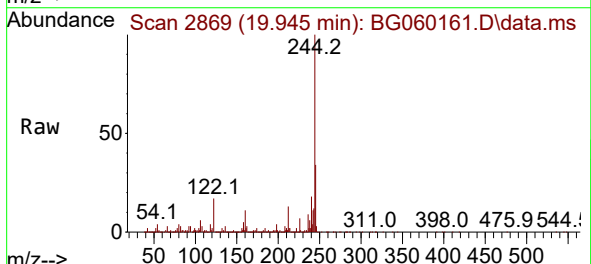
Instrument :
BNA_G
ClientSampleId :
WC-LIQUIDS-20231213-01

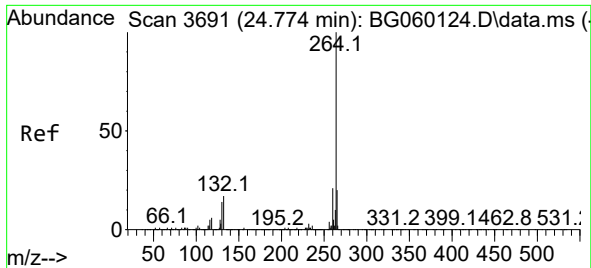
Tgt Ion:240 Resp: 1583815
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 25.7 20.4 30.6



#79
Terphenyl-d14
Concen: 61.112 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Tgt Ion:244 Resp: 5348928
Ion Ratio Lower Upper
244 100
212 12.6 9.5 14.3
122 16.6 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.763 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG060161.D
Acq: 23 Dec 2023 7:01

Instrument :
BNA_G
ClientSampleId :
WC-LIQUIDS-20231213-01

Tgt Ion:264 Resp: 1789767

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.1	25.7
265	21.6	16.0	24.0

