

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060091.D
 Acq On : 19 Dec 2023 18:48
 Operator : MA/JU
 Sample : 05612-05DL2 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06SDL2

Quant Time: Dec 20 00:46:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

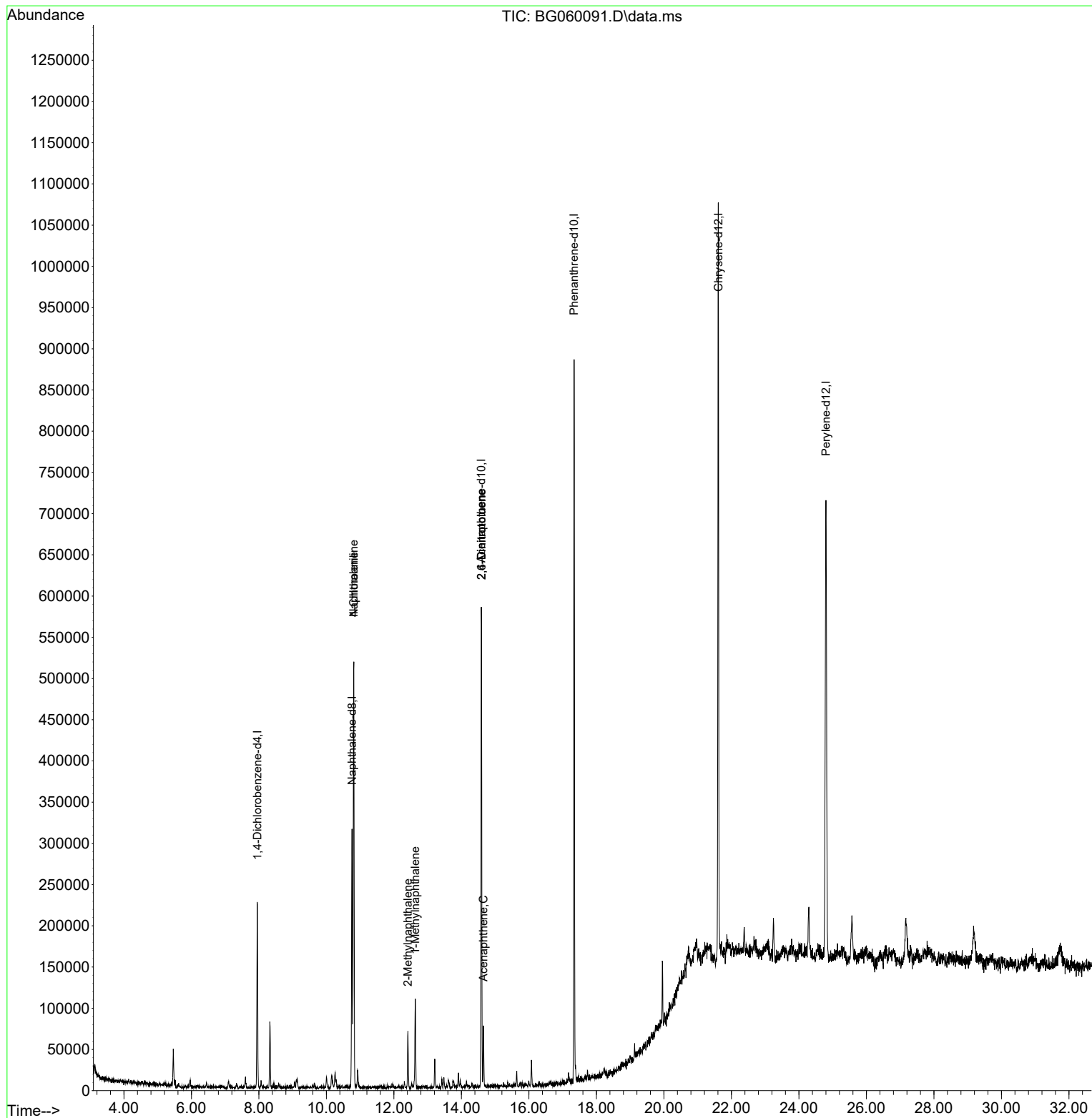
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	61219	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	234069	20.000	ng	# 0.00
39) Acenaphthene-d10	14.588	164	210118	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	599373	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	622903	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	727054	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	2041	0.571	ng	0.00
7) Phenol-d6	7.109	99	2225	0.442	ng	0.00
23) Nitrobenzene-d5	9.107	82	4564	0.885	ng	-0.02
42) 2,4,6-Tribromophenol	16.075	330	7800	1.593	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	19106	1.113	ng	0.00
79) Terphenyl-d14	19.959	244	43840	1.285	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.810	128	370278	30.388	ng	96
33) 4-Chloroaniline	10.810	127	51927	11.200	ng	# 38
37) 2-Methylnaphthalene	12.414	142	27425	2.870	ng	95
38) 1-Methylnaphthalene	12.632	142	45155	4.783	ng	# 98
51) 2,6-Dinitrotoluene	14.594	165	30116	8.914	ng	# 24
52) Acenaphthene	14.653	154	28912	2.275	ng	88
57) 2,4-Dinitrotoluene	14.594	165	30116	6.341	ng	# 27
69) Atrazine	16.786	200	191	Below Cal	#	24

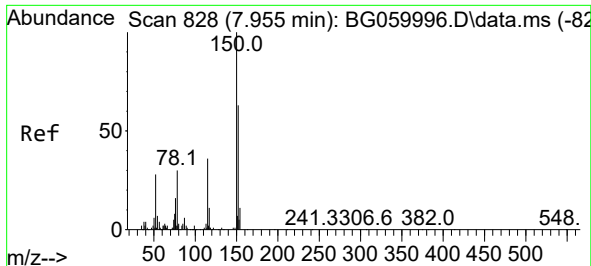
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
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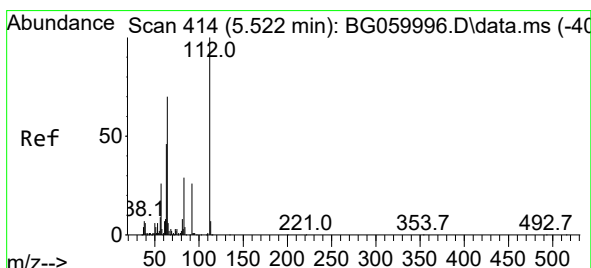
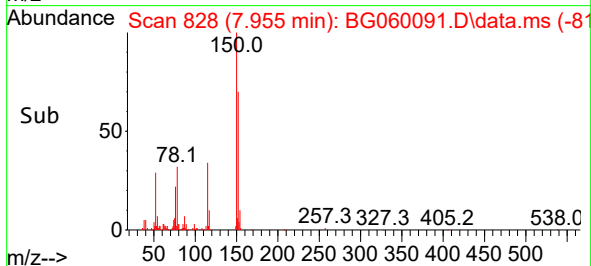
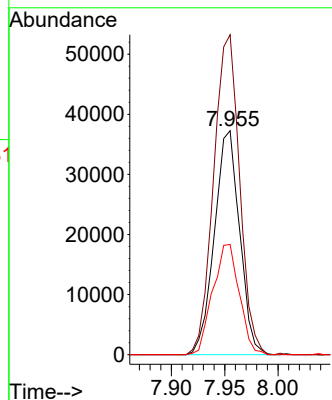
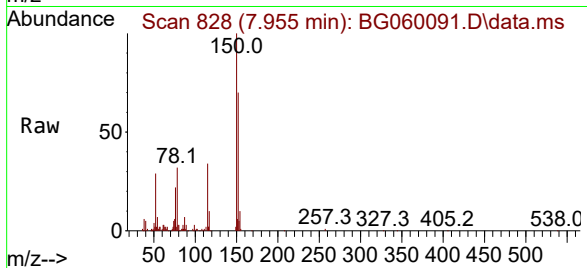




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG060091.D
 Acq: 19 Dec 2023 18:48

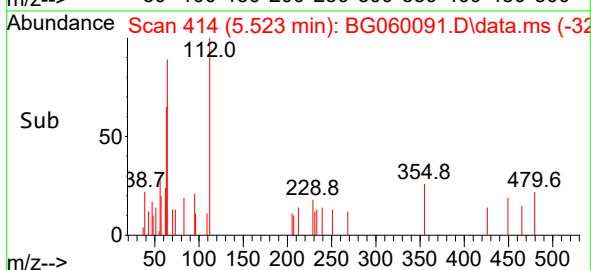
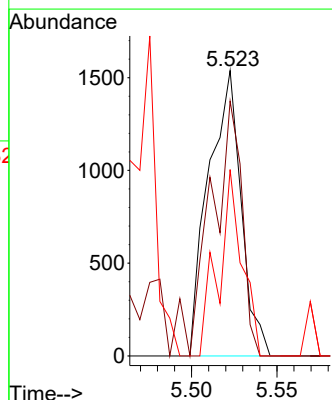
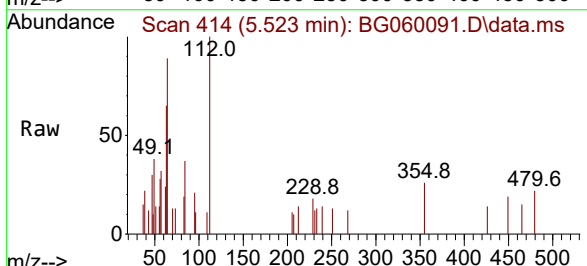
Instrument :
 BNA_G
 ClientSampleId :
 MW-06SDL2

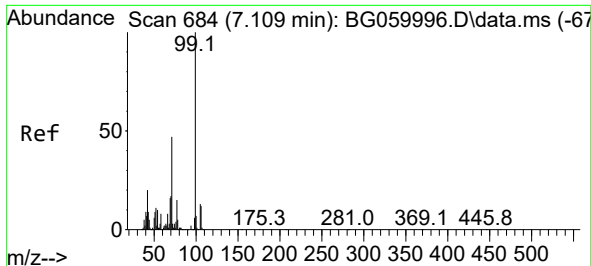
Tgt Ion:152 Resp: 61219
 Ion Ratio Lower Upper
 152 100
 150 142.9 127.0 190.6
 115 49.2 45.7 68.5



#5
 2-Fluorophenol
 Concen: 0.571 ng
 RT: 5.523 min Scan# 414
 Delta R.T. -0.004 min
 Lab File: BG060091.D
 Acq: 19 Dec 2023 18:48

Tgt Ion:112 Resp: 2041
 Ion Ratio Lower Upper
 112 100
 64 89.3 55.9 83.9#
 63 65.3 36.5 54.7#

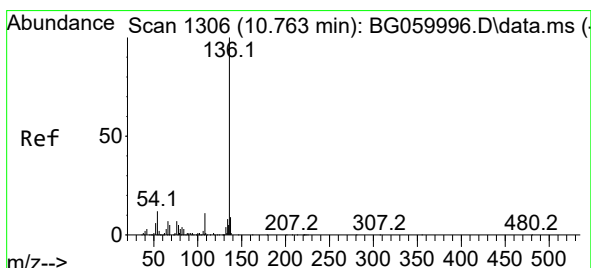
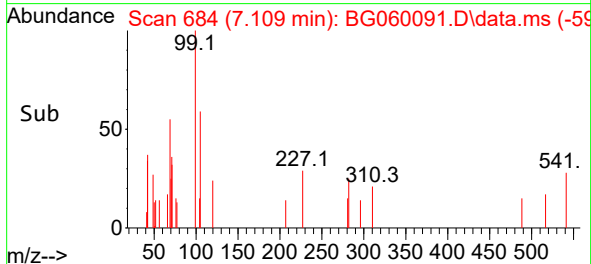
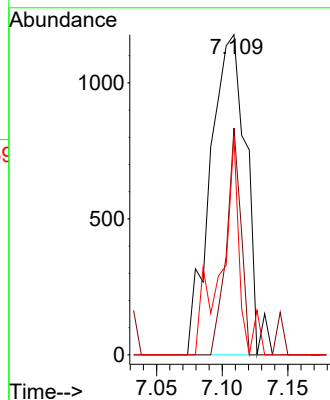
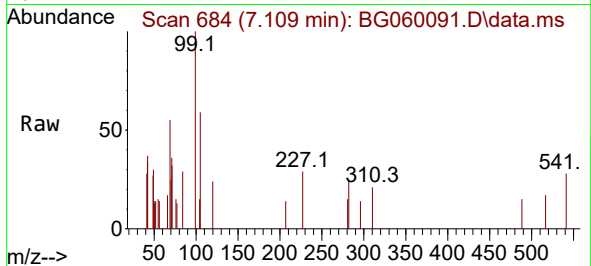




#7
Phenol-d6
Concen: 0.442 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

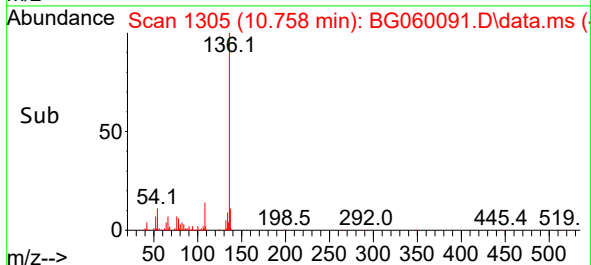
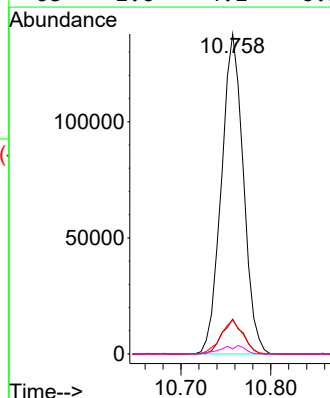
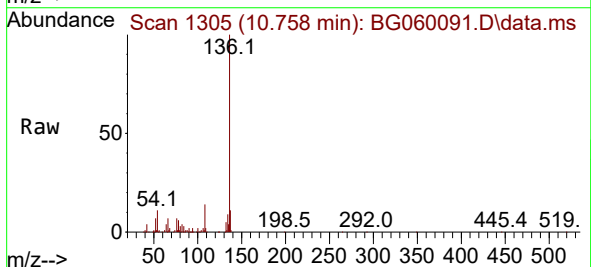
Instrument :
BNA_G
ClientSampleId :
MW-06SDL2

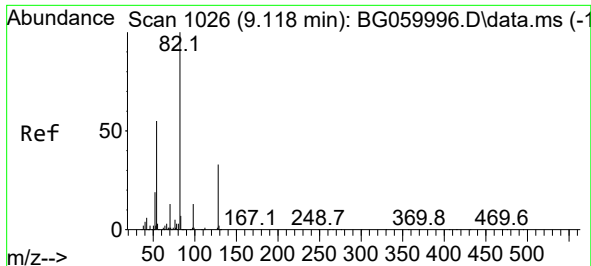
Tgt Ion: 99 Resp: 2225
Ion Ratio Lower Upper
99 100
42 70.9 16.2 24.4#
71 68.0 37.6 56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion:136 Resp: 234069
Ion Ratio Lower Upper
136 100
137 10.9 7.3 10.9
54 10.6 9.6 14.4
68 1.6 4.1 6.1#

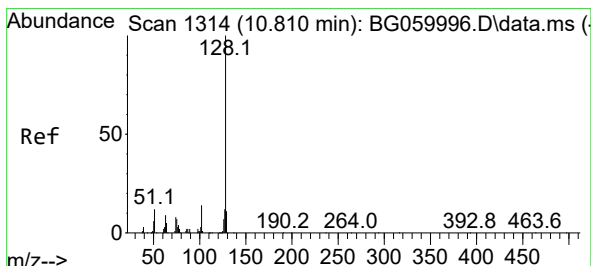
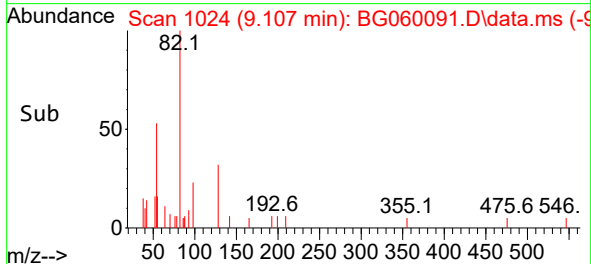
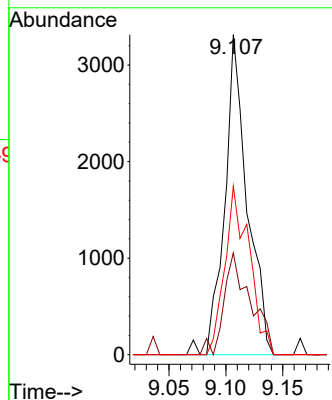
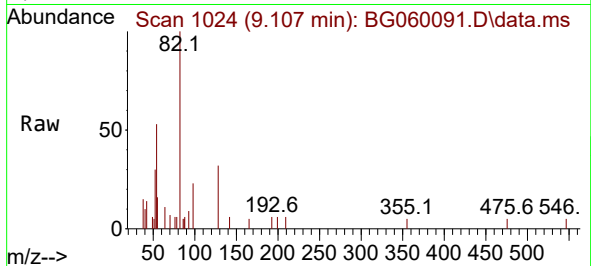




#23
Nitrobenzene-d5
Concen: 0.885 ng
RT: 9.107 min Scan# 1026
Delta R.T. -0.015 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

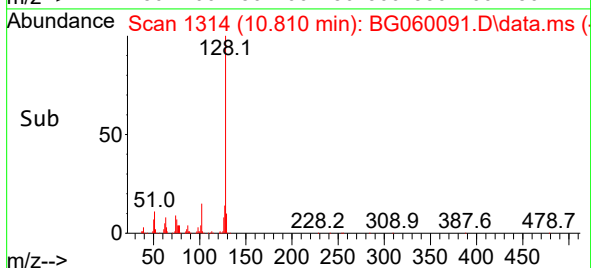
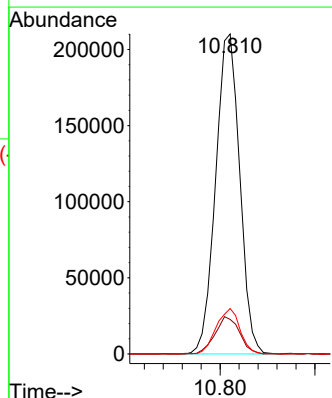
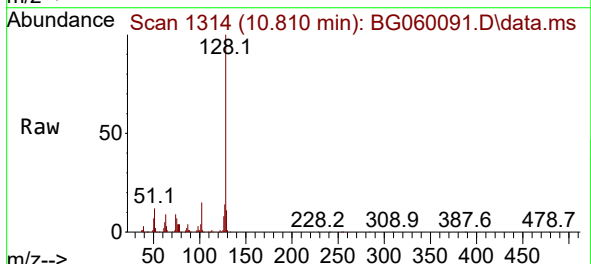
Instrument :
BNA_G
ClientSampleId :
MW-06SDL2

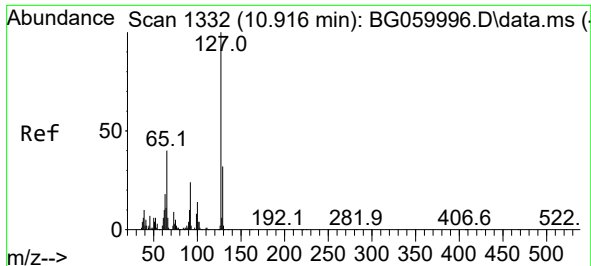
Tgt Ion: 82 Resp: 4564
Ion Ratio Lower Upper
82 100
128 31.8 26.3 39.5
54 52.7 44.3 66.5



#31
Naphthalene
Concen: 30.388 ng
RT: 10.810 min Scan# 1314
Delta R.T. -0.004 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion: 128 Resp: 370278
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 14.2 9.7 14.5

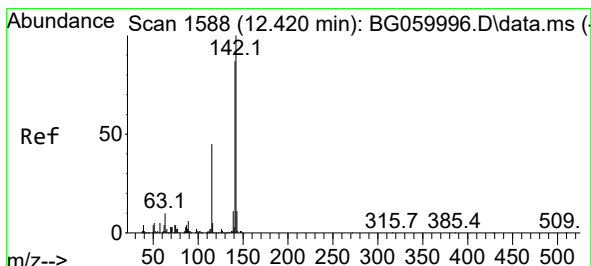
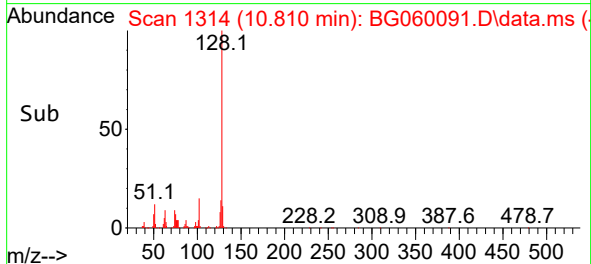
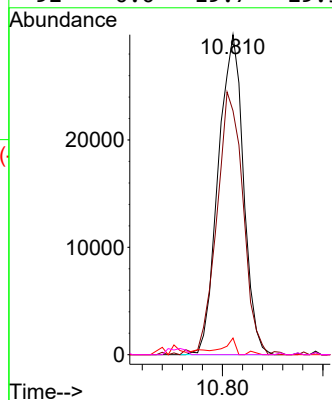
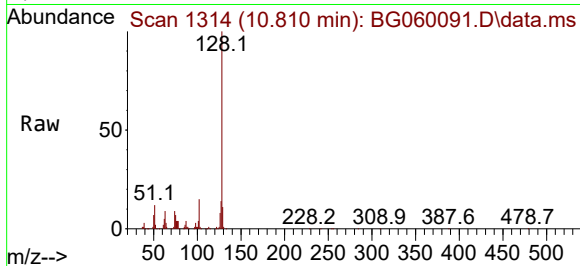




#33
4-Chloroaniline
Concen: 11.200 ng
RT: 10.810 min Scan# 11
Delta R.T. -0.104 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

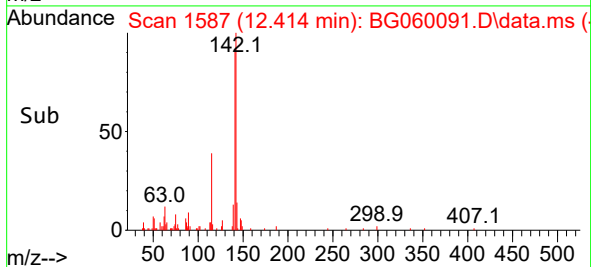
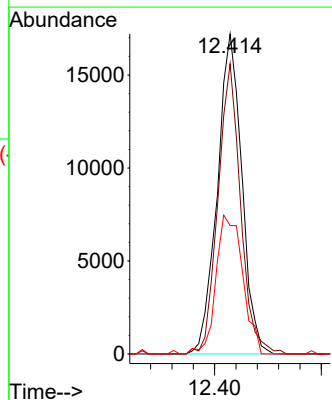
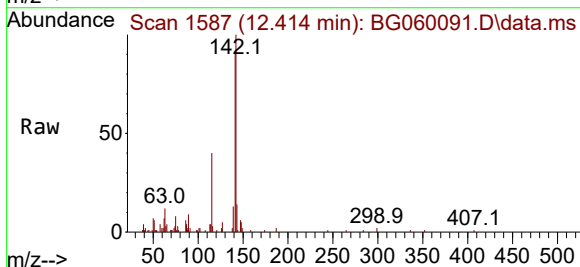
Instrument :
BNA_G
ClientSampleId :
MW-06SDL2

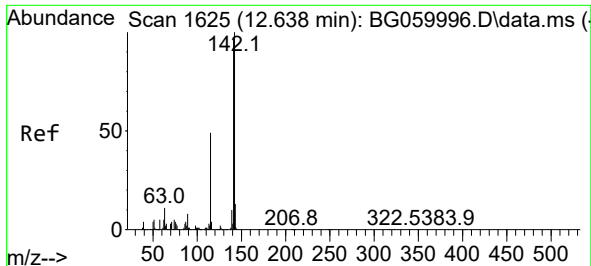
Tgt Ion:	127	Resp:	51927
Ion Ratio	Lower	Upper	
127	100		
129	76.2	25.7	38.5#
65	5.2	32.3	48.5#
92	0.0	19.7	29.5#



#37
2-Methylnaphthalene
Concen: 2.870 ng
RT: 12.414 min Scan# 1587
Delta R.T. -0.010 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion:	142	Resp:	27425
Ion Ratio	Lower	Upper	
142	100		
141	90.7	69.9	104.9
115	40.1	36.1	54.1

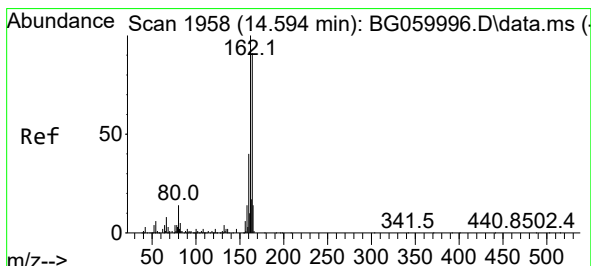
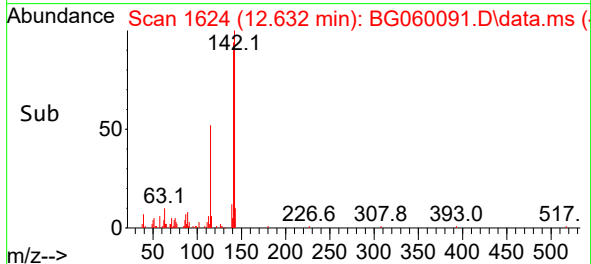
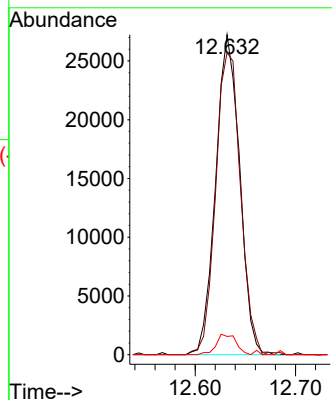
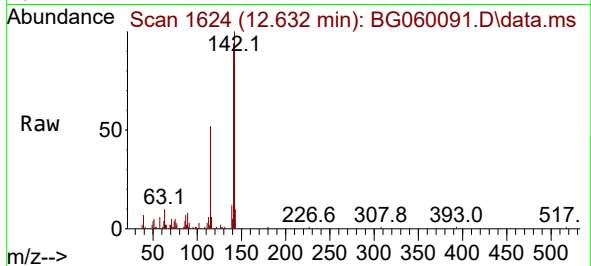




#38
1-Methylnaphthalene
Concen: 4.783 ng
RT: 12.632 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

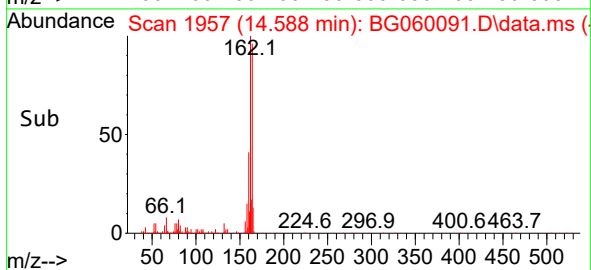
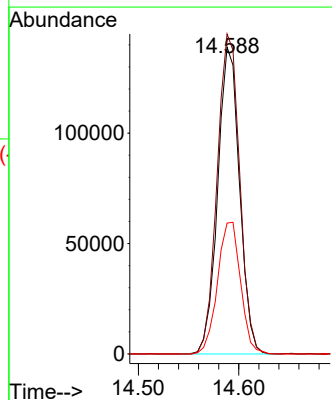
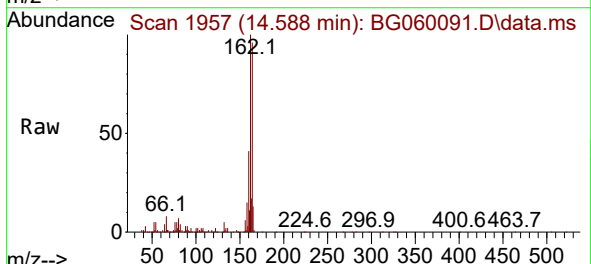
Instrument :
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ClientSampleId :
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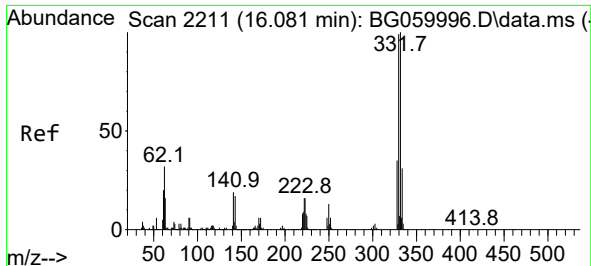
Tgt Ion:142 Resp: 45155
Ion Ratio Lower Upper
142 100
141 94.4 76.9 115.3
116 5.7 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.010 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion:164 Resp: 210118
Ion Ratio Lower Upper
164 100
162 104.3 88.1 132.1
160 42.7 35.4 53.0

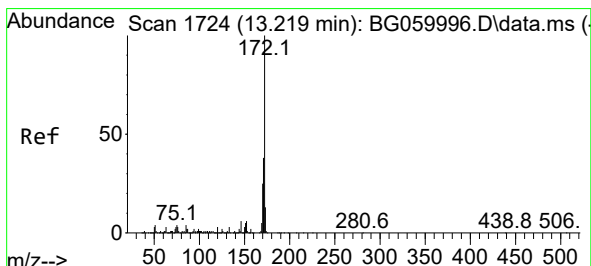
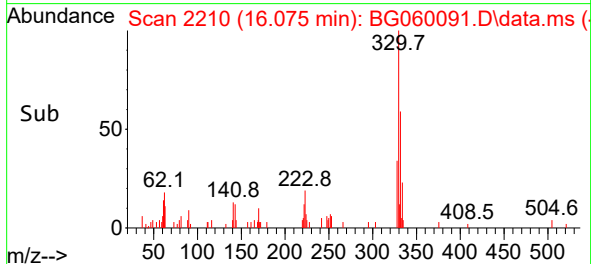
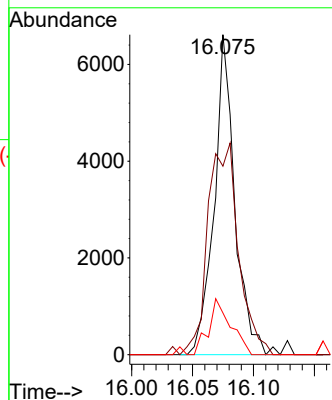
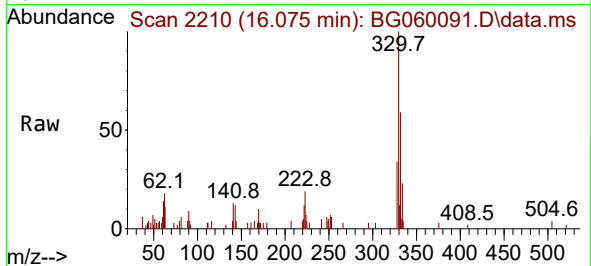




#42
2,4,6-Tribromophenol
Concen: 1.593 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

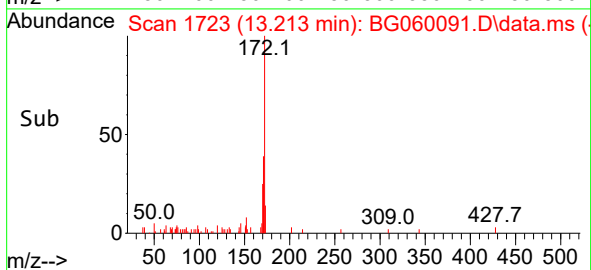
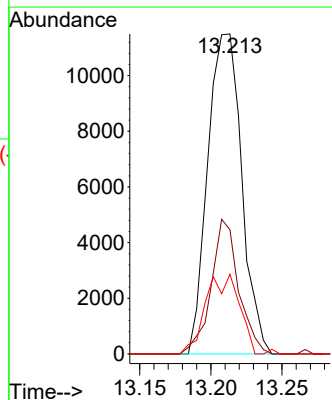
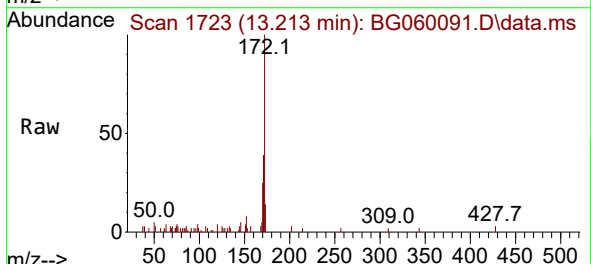
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MW-06SDL2

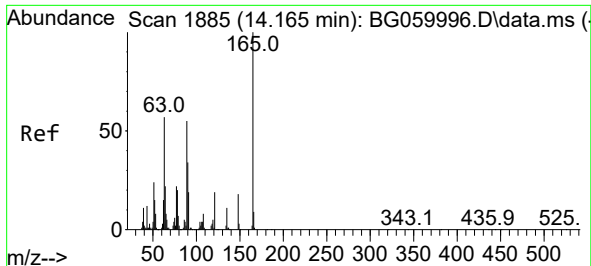
Tgt Ion:330 Resp: 7800
Ion Ratio Lower Upper
330 100
332 98.5 76.2 114.4
141 19.5 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 1.113 ng
RT: 13.213 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion:172 Resp: 19106
Ion Ratio Lower Upper
172 100
171 38.8 30.1 45.1
170 24.9 20.0 30.0

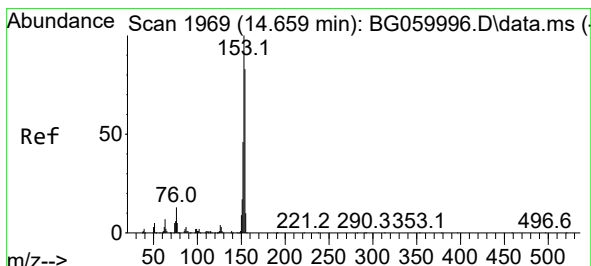
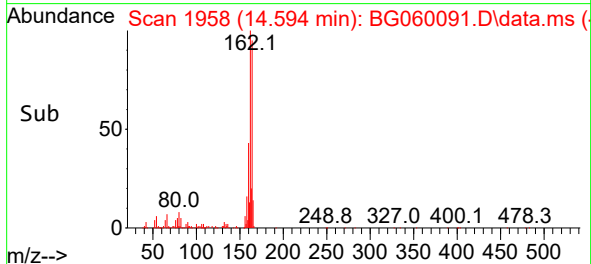
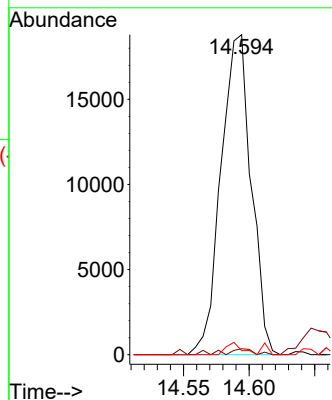
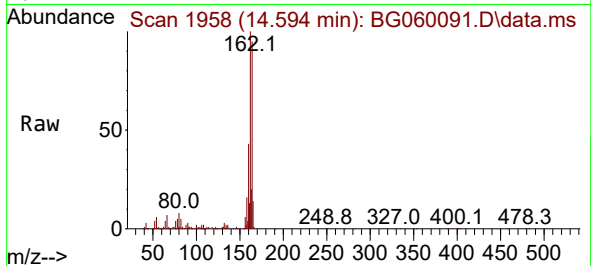




#51
2,6-Dinitrotoluene
Concen: 8.914 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.425 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

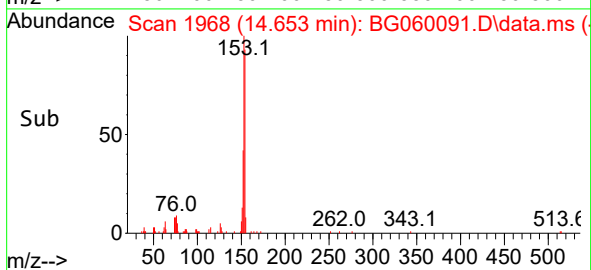
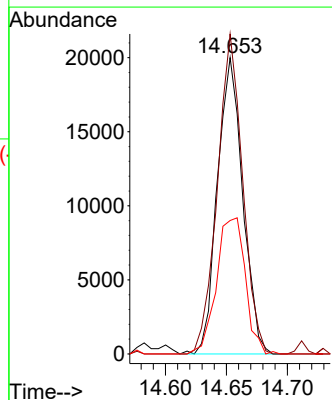
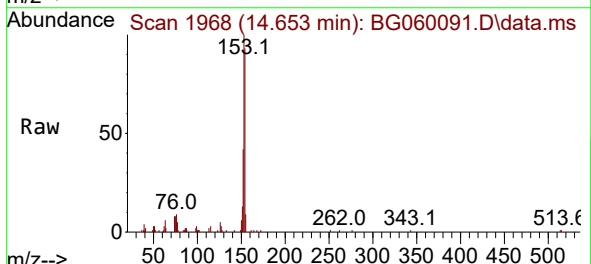
Instrument :
BNA_G
ClientSampleId :
MW-06SDL2

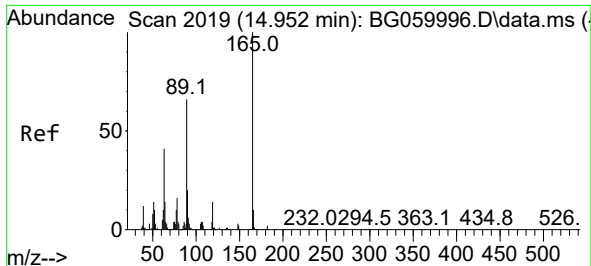
Tgt Ion:165 Resp: 30116
Ion Ratio Lower Upper
165 100
63 1.8 48.2 72.2#
89 1.2 44.4 66.6#



#52
Acenaphthene
Concen: 2.275 ng
RT: 14.653 min Scan# 1968
Delta R.T. -0.010 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion:154 Resp: 28912
Ion Ratio Lower Upper
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153 108.0 96.0 144.0
152 45.1 44.3 66.5

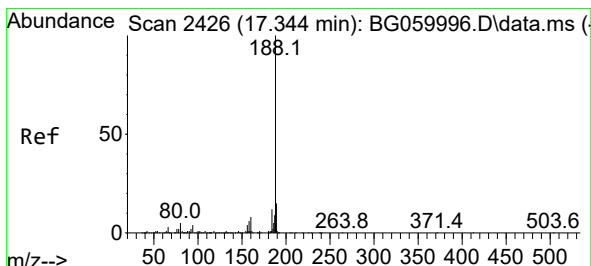
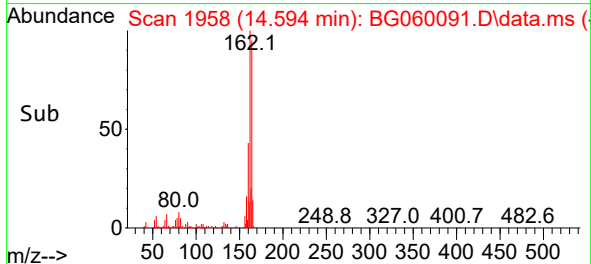
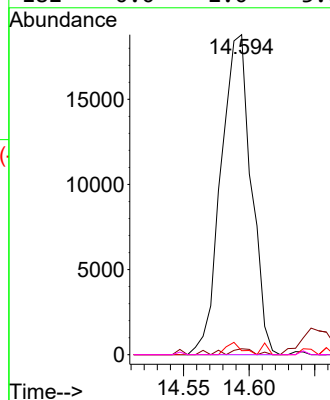
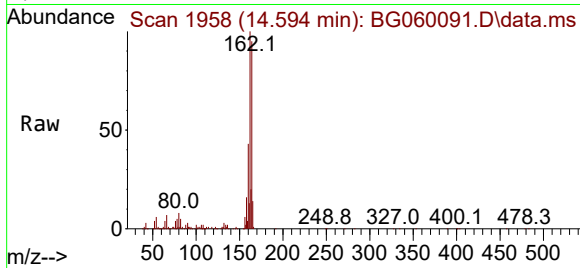




#57
2,4-Dinitrotoluene
Concen: 6.341 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.356 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

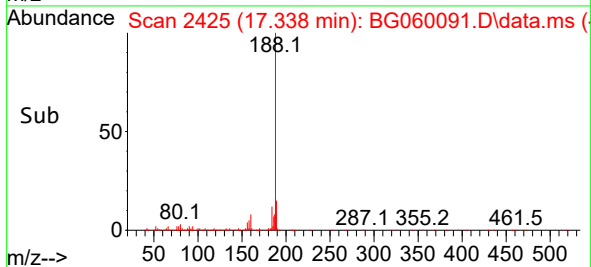
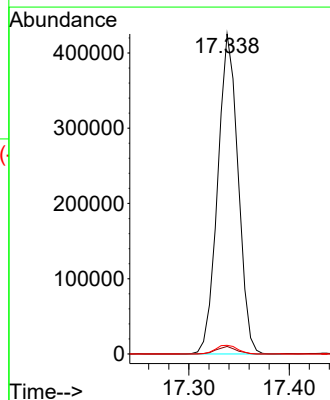
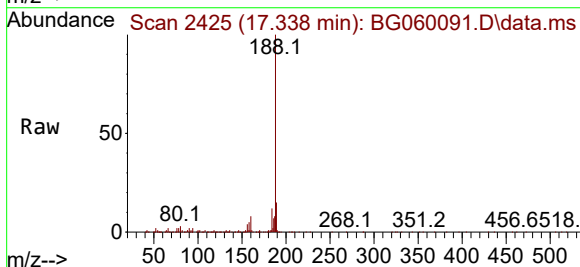
Instrument :
BNA_G
ClientSampleId :
MW-06SDL2

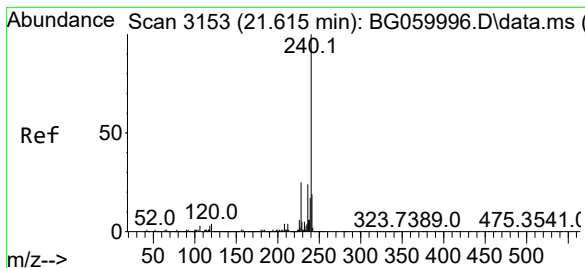
Tgt Ion:165 Resp: 30116
Ion Ratio Lower Upper
165 100
63 1.8 32.8 49.2#
89 1.2 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.010 min
Lab File: BG060091.D
Acq: 19 Dec 2023 18:48

Tgt Ion:188 Resp: 599373
Ion Ratio Lower Upper
188 100
94 2.3 3.0 4.6#
80 2.7 4.0 6.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3153

Delta R.T. -0.010 min

Lab File: BG060091.D

Acq: 19 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

MW-06SDL2

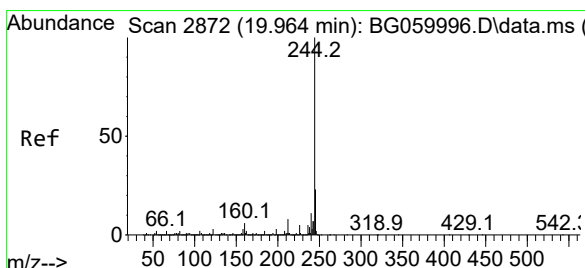
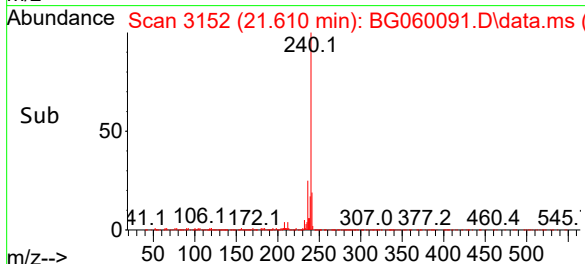
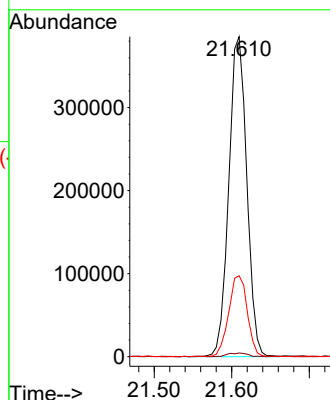
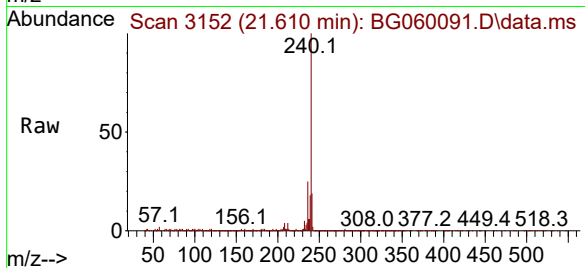
Tgt Ion:240 Resp: 622903

Ion Ratio Lower Upper

240 100

120 1.1 2.9 4.3#

236 25.3 19.4 29.2



#79

Terphenyl-d14

Concen: 1.285 ng

RT: 19.959 min Scan# 2871

Delta R.T. -0.010 min

Lab File: BG060091.D

Acq: 19 Dec 2023 18:48

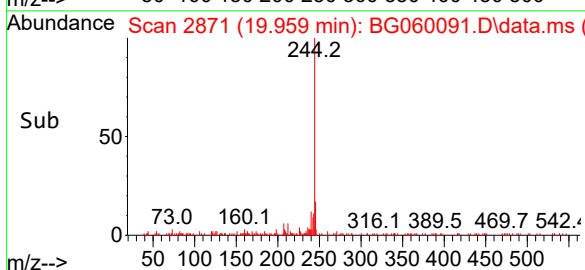
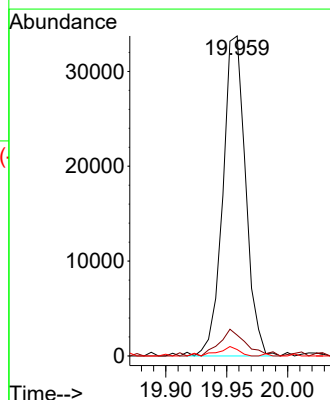
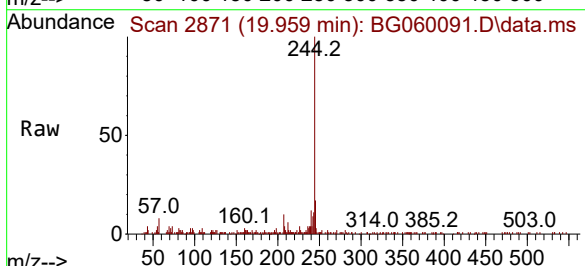
Tgt Ion:244 Resp: 43840

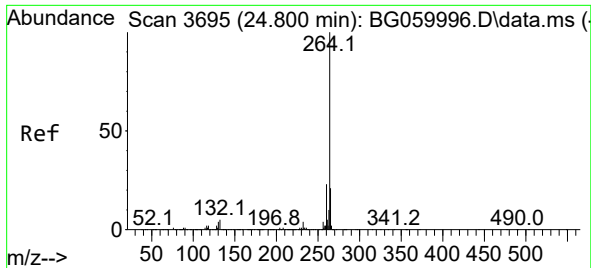
Ion Ratio Lower Upper

244 100

212 6.5 6.8 10.2#

122 2.0 2.6 3.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.800 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG060091.D
 Acq: 19 Dec 2023 18:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-06SDL2

Tgt Ion:264 Resp: 727054
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.6 17.3 25.9

