

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060090.D
 Acq On : 19 Dec 2023 18:08
 Operator : MA/JU
 Sample : 05612-04DL2 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04IDL2

Quant Time: Dec 20 00:45:52 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)

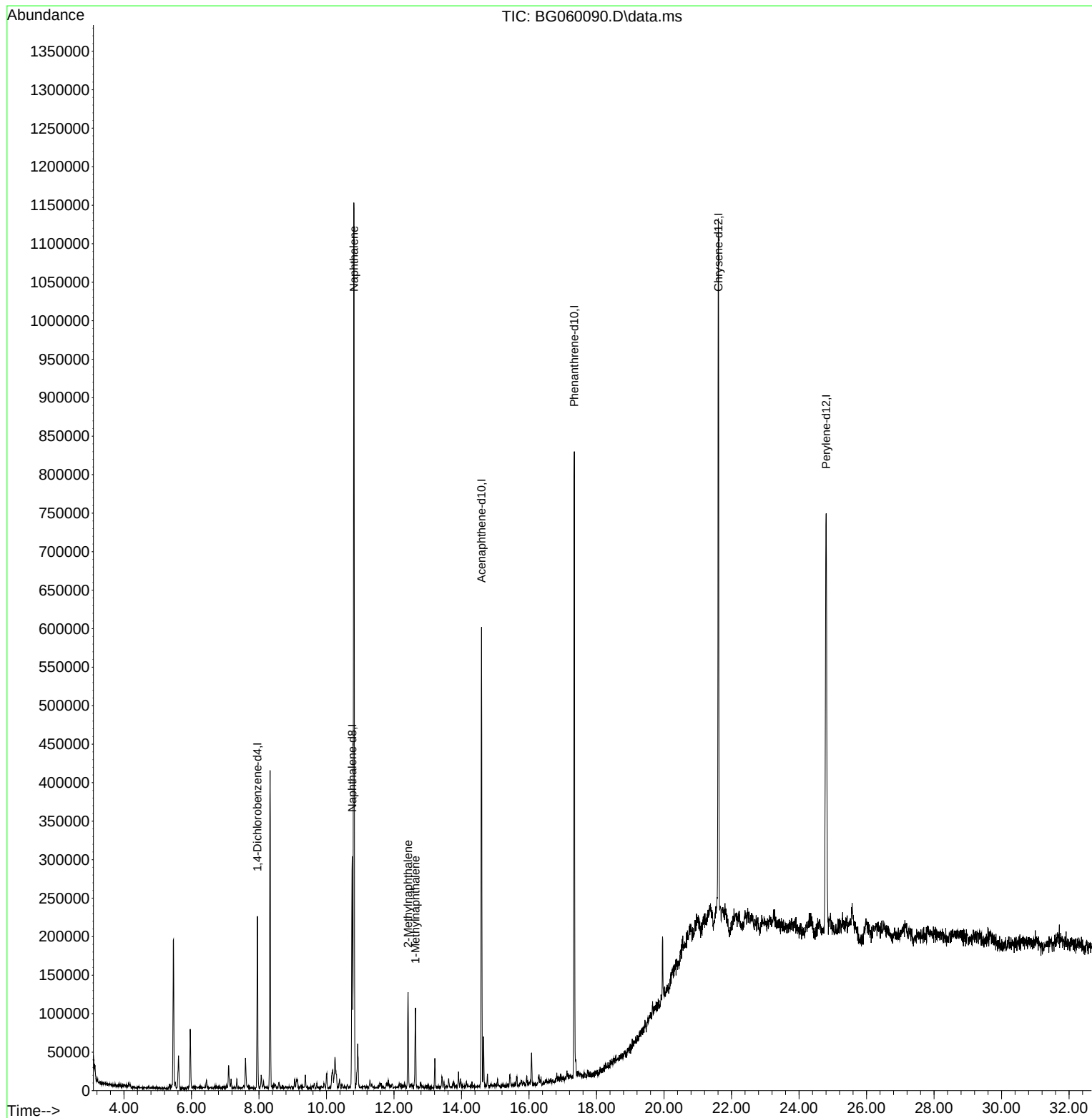
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	56287	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	225944	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	207141	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	583507	20.000	ng	# 0.00
76) Chrysene-d12	21.607	240	612049	20.000	ng	#-0.01
86) Perylene-d12	24.803	264	701401	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	2653	0.807	ng	0.00
7) Phenol-d6	7.106	99	2511	0.543	ng	0.00
23) Nitrobenzene-d5	9.121	82	5804	1.166	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	8676	1.797	ng	-0.01
45) 2-Fluorobiphenyl	13.211	172	20429	1.207	ng	0.00
79) Terphenyl-d14	19.956	244	46723	1.394	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.814	128	814704	69.265	ng	98
37) 2-Methylnaphthalene	12.418	142	52489	5.690	ng	96
38) 1-Methylnaphthalene	12.635	142	42904	4.708	ng	# 98

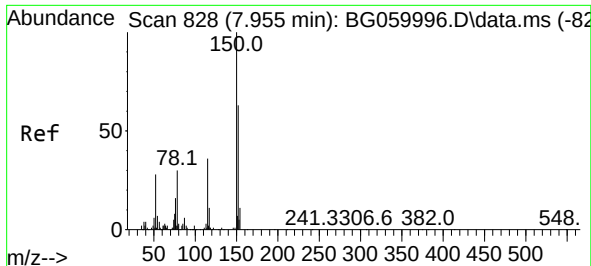
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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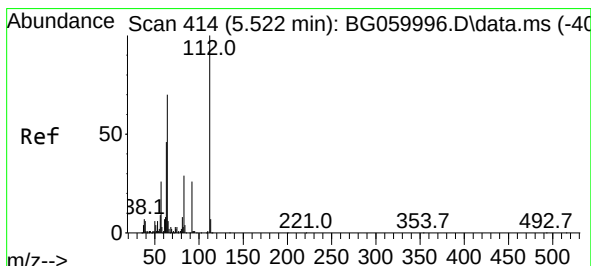
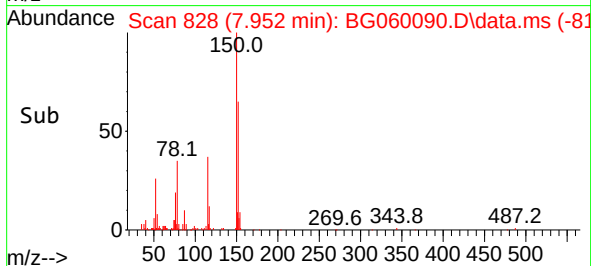
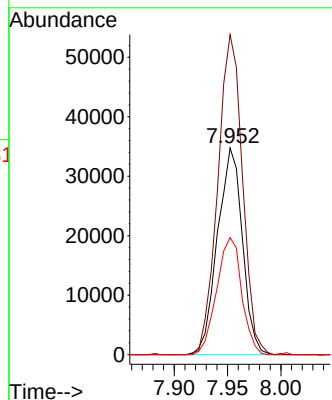
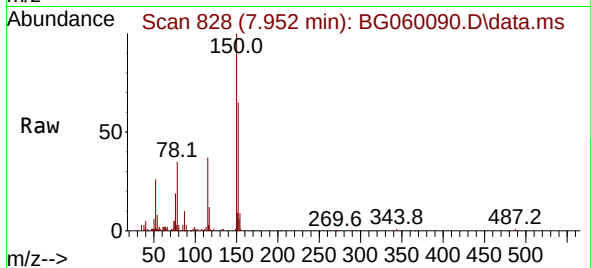




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

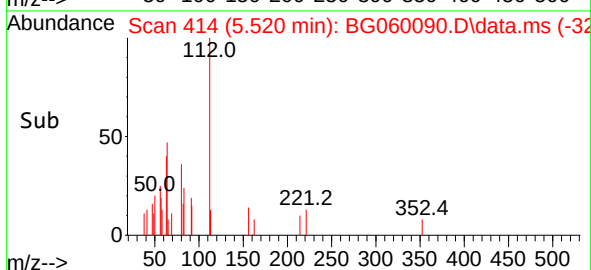
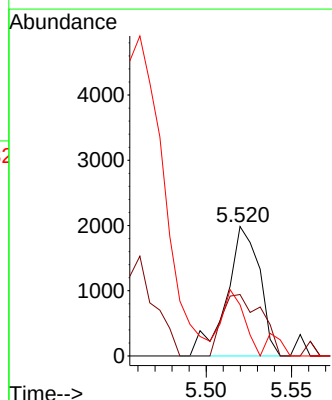
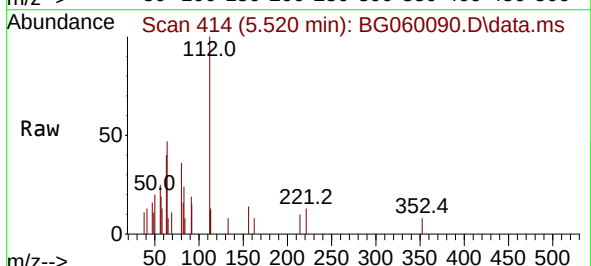
Instrument :
BNA_G
ClientSampleId :
MW-04IDL2

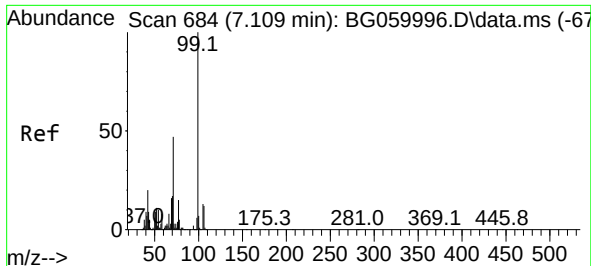
Tgt Ion:152 Resp: 56287
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 56.6 45.7 68.5



#5
2-Fluorophenol
Concen: 0.807 ng
RT: 5.520 min Scan# 414
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

Tgt Ion:112 Resp: 2653
Ion Ratio Lower Upper
112 100
64 47.5 55.9 83.9#
63 39.6 36.5 54.7

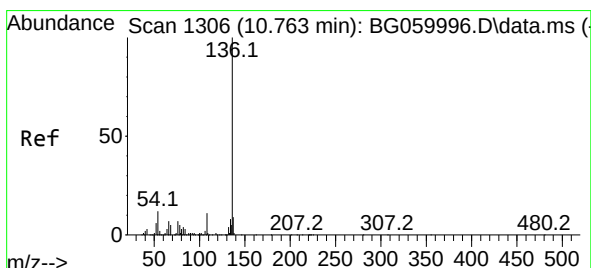
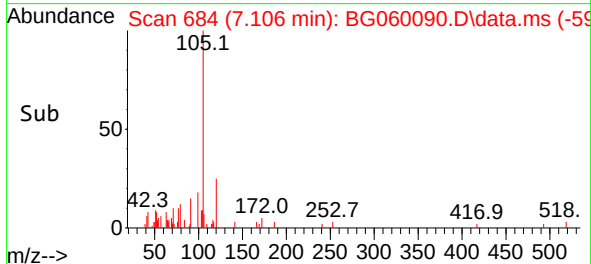
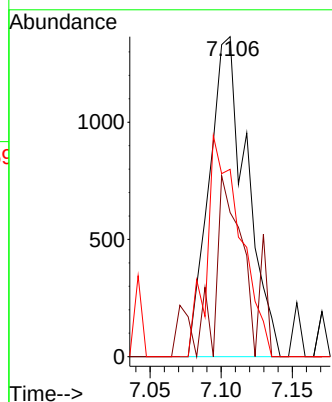
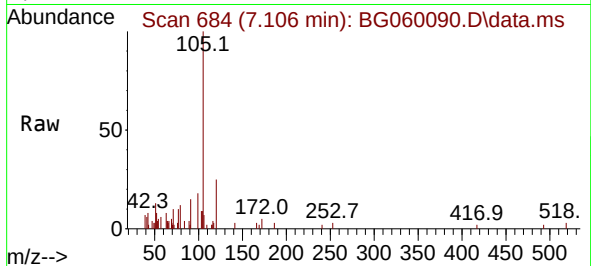




#7
Phenol-d6
Concen: 0.543 ng
RT: 7.106 min Scan# 684
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

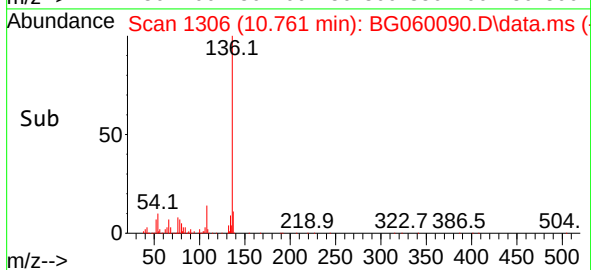
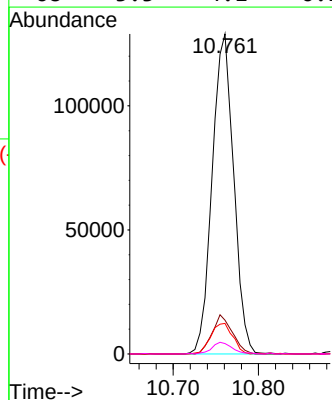
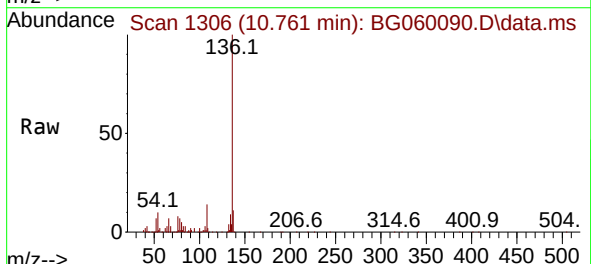
Instrument :
BNA_G
ClientSampleId :
MW-04IDL2

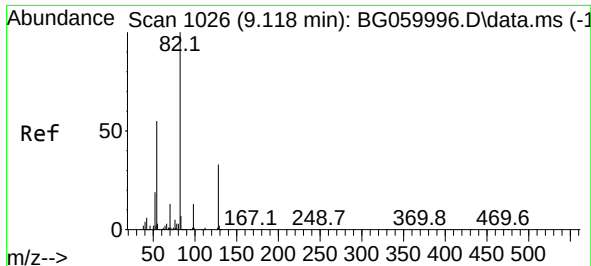
Tgt Ion:	99	Resp:	2511
Ion	Ratio	Lower	Upper
99	100		
42	45.1	16.2	24.4#
71	58.5	37.6	56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

Tgt Ion:	136	Resp:	225944
Ion	Ratio	Lower	Upper
136	100		
137	10.5	7.3	10.9
54	9.6	9.6	14.4#
68	3.3	4.1	6.1#

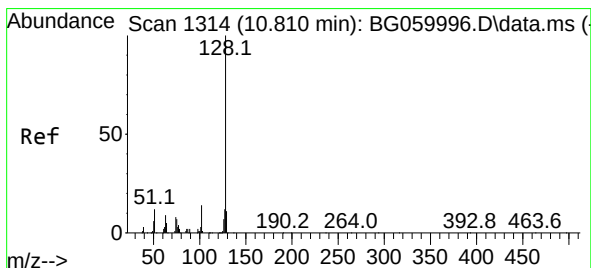
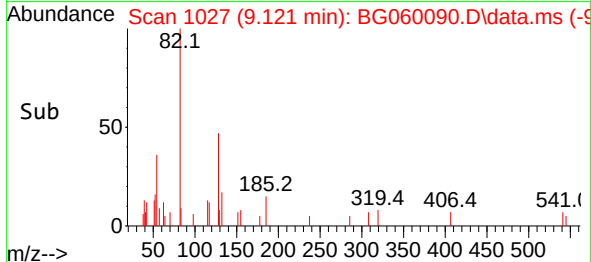
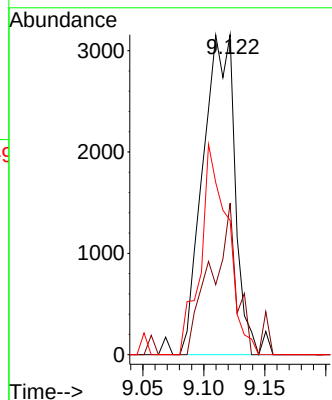
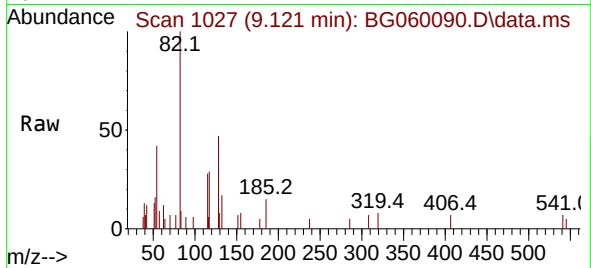




#23
Nitrobenzene-d5
Concen: 1.166 ng
RT: 9.121 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

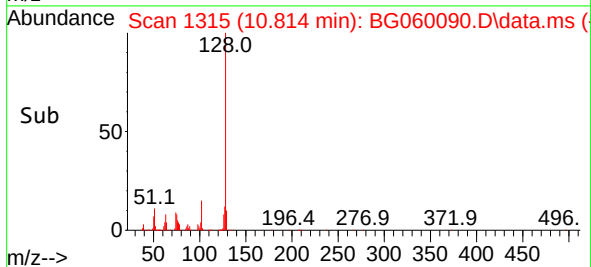
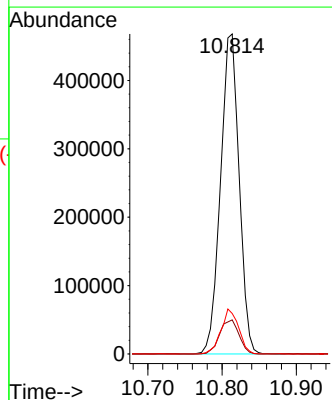
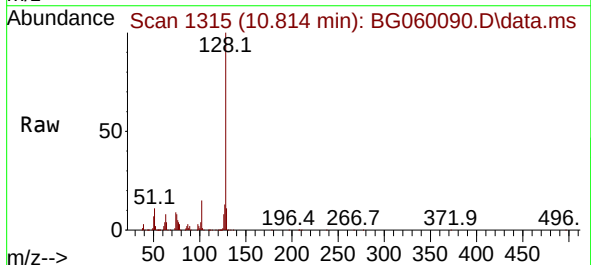
Instrument :
BNA_G
ClientSampleId :
MW-04IDL2

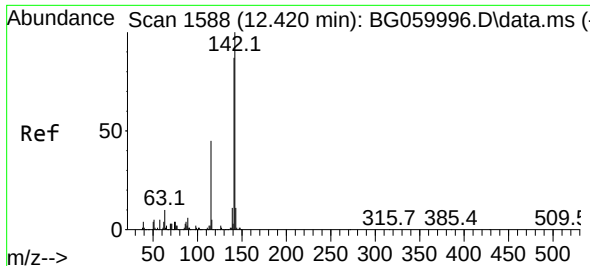
Tgt Ion: 82 Resp: 5804
Ion Ratio Lower Upper
82 100
128 47.3 26.3 39.5#
54 41.9 44.3 66.5#



#31
Naphthalene
Concen: 69.265 ng
RT: 10.814 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

Tgt Ion:128 Resp: 814704
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 12.6 9.7 14.5

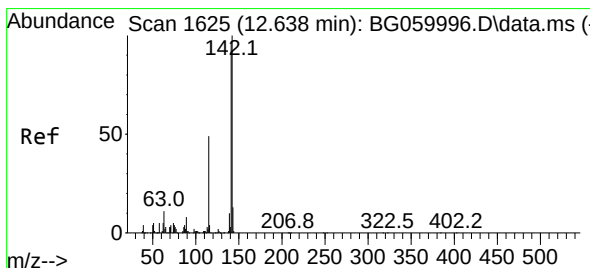
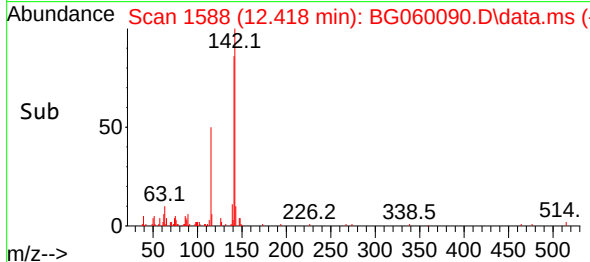
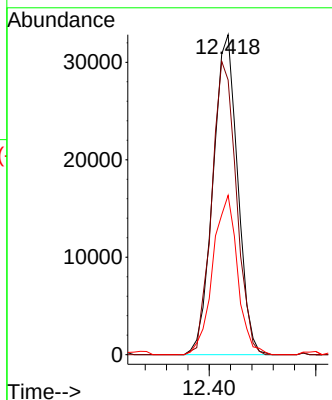
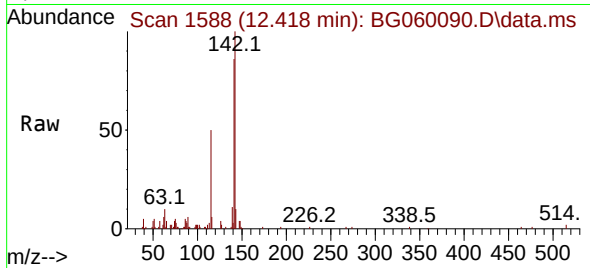




#37
2-Methylnaphthalene
Concen: 5.690 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

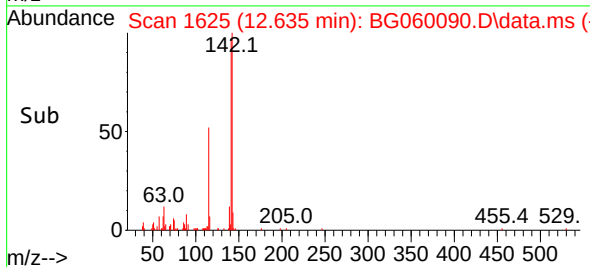
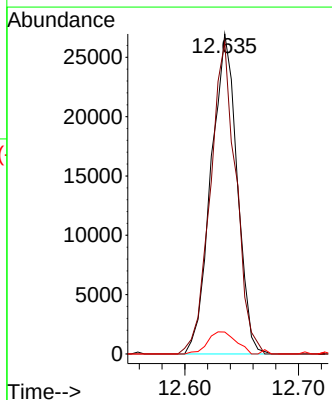
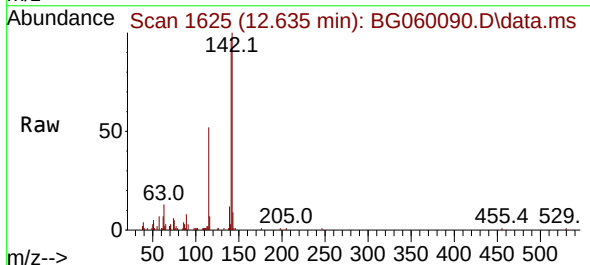
Instrument :
BNA_G
ClientSampleId :
MW-04IDL2

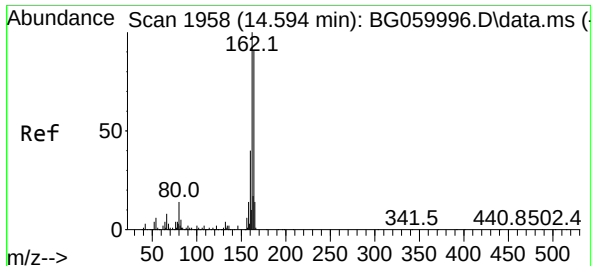
Tgt Ion:142 Resp: 52489
Ion Ratio Lower Upper
142 100
141 85.9 69.9 104.9
115 49.8 36.1 54.1



#38
1-Methylnaphthalene
Concen: 4.708 ng
RT: 12.635 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

Tgt Ion:142 Resp: 42904
Ion Ratio Lower Upper
142 100
141 97.4 76.9 115.3
116 6.8 3.5 5.3#

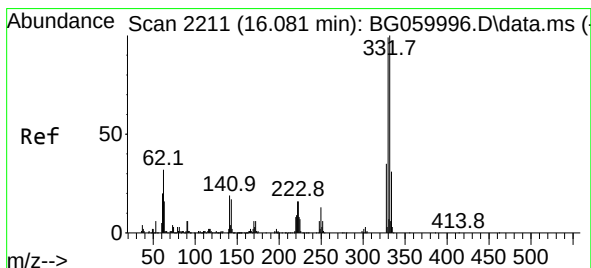
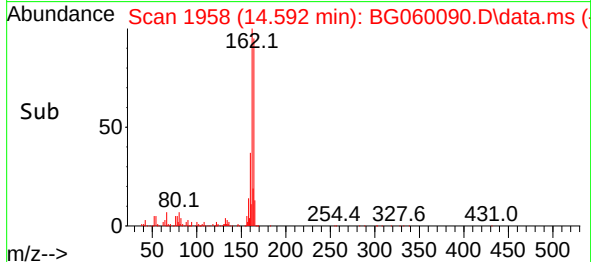
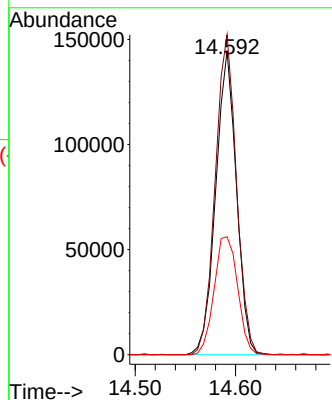
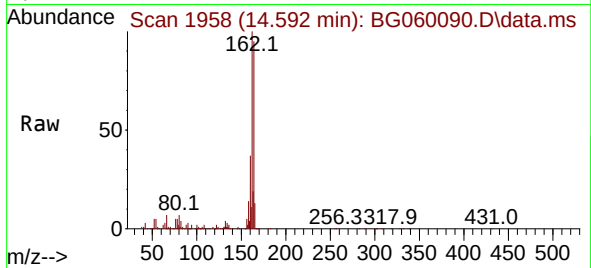




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

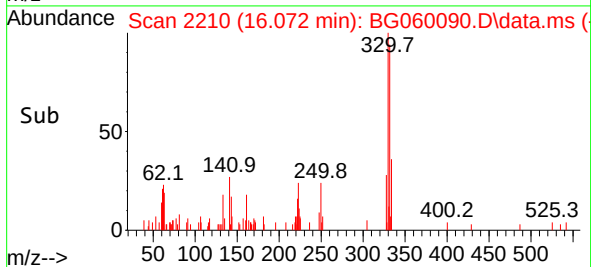
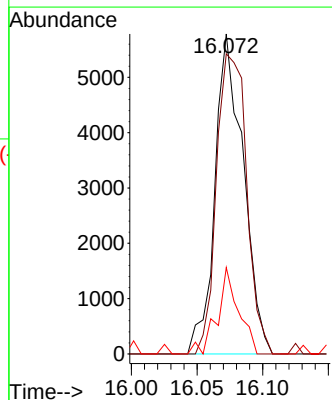
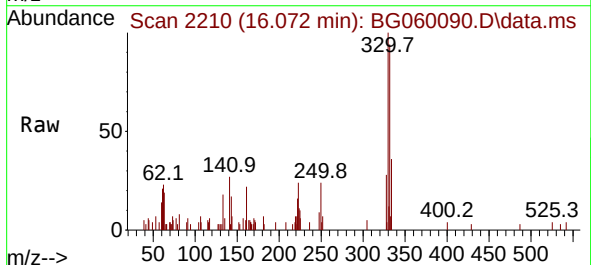
Instrument :
BNA_G
ClientSampleId :
MW-04IDL2

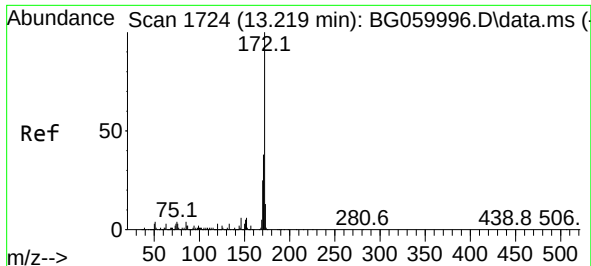
Tgt Ion:164 Resp: 207141
Ion Ratio Lower Upper
164 100
162 105.3 88.1 132.1
160 38.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 1.797 ng
RT: 16.072 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

Tgt Ion:330 Resp: 8676
Ion Ratio Lower Upper
330 100
332 99.5 76.2 114.4
141 20.3 14.3 21.5

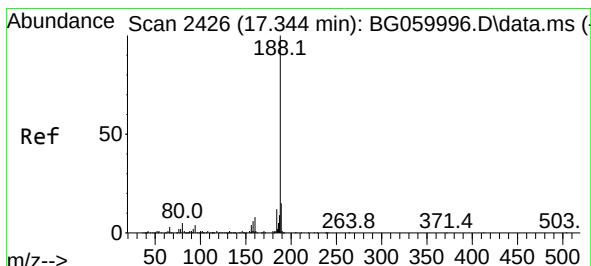
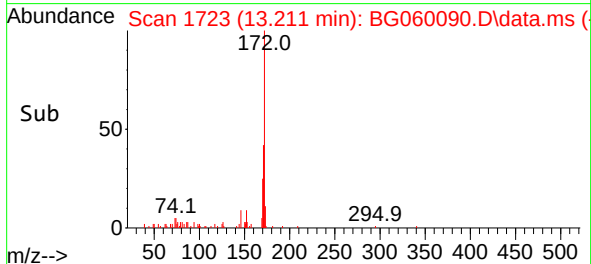
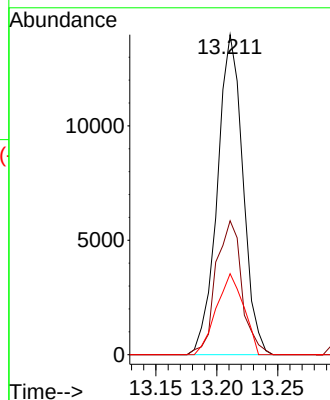
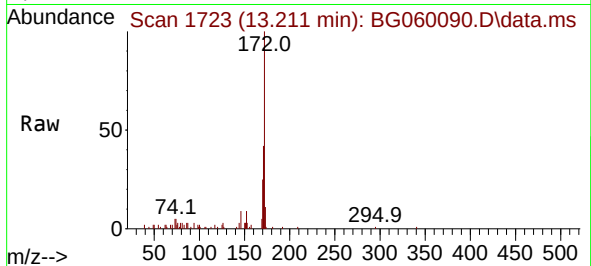




#45
2-Fluorobiphenyl
Concen: 1.207 ng
RT: 13.211 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

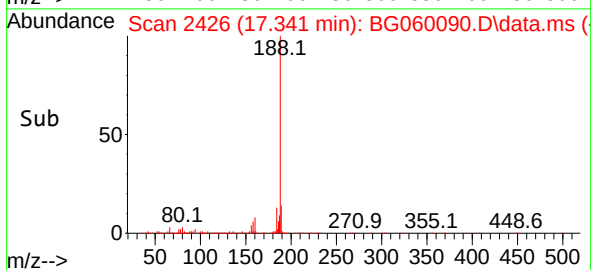
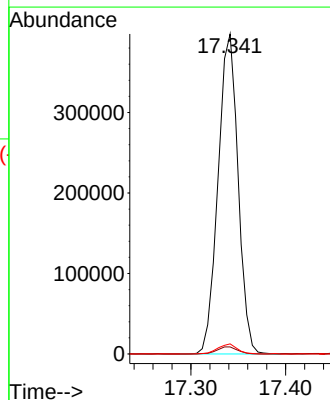
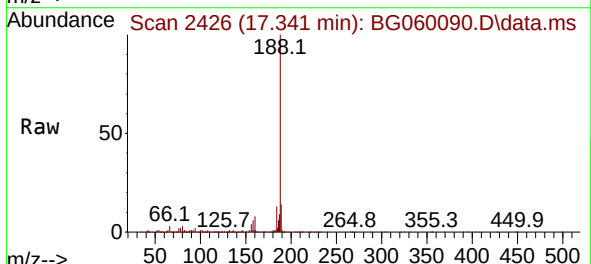
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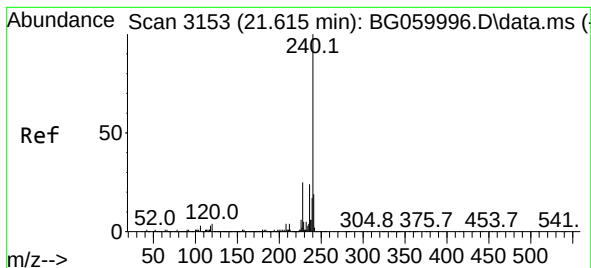
Tgt Ion:172	Resp:	20429
Ion Ratio	Lower	Upper
172	100	
171	41.8	30.1 45.1
170	25.3	20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BG060090.D
Acq: 19 Dec 2023 18:08

Tgt Ion:188	Resp:	583507
Ion Ratio	Lower	Upper
188	100	
94	2.2	3.0 4.6#
80	3.2	4.0 6.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG060090.D

Acq: 19 Dec 2023 18:08

Instrument :

BNA_G

ClientSampleId :

MW-04IDL2

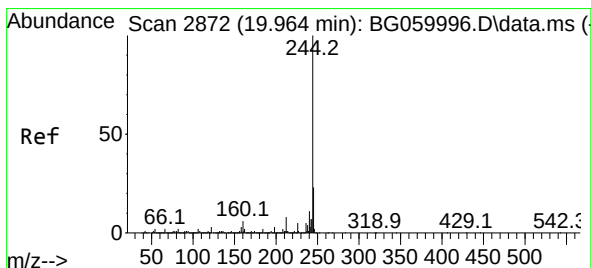
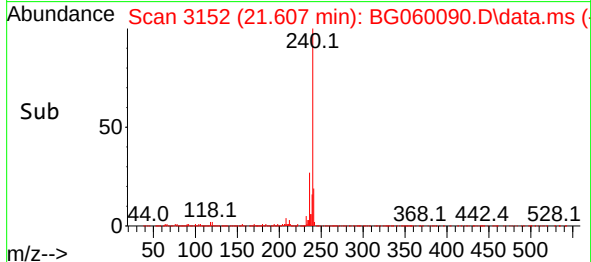
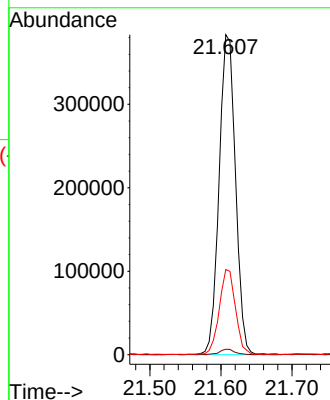
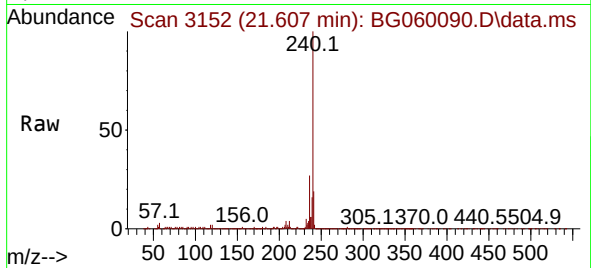
Tgt Ion:240 Resp: 612049

Ion Ratio Lower Upper

240 100

120 1.7 2.9 4.3#

236 26.6 19.4 29.2



#79

Terphenyl-d14

Concen: 1.394 ng

RT: 19.956 min Scan# 2871

Delta R.T. -0.012 min

Lab File: BG060090.D

Acq: 19 Dec 2023 18:08

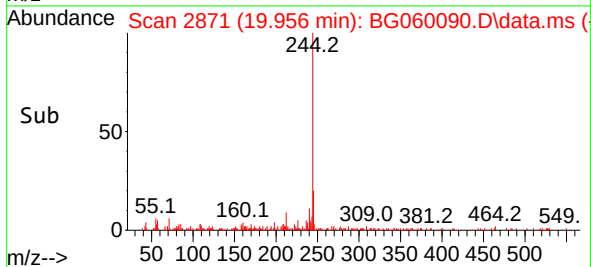
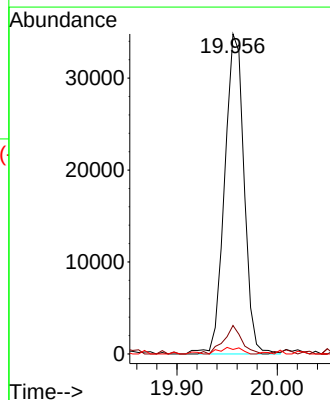
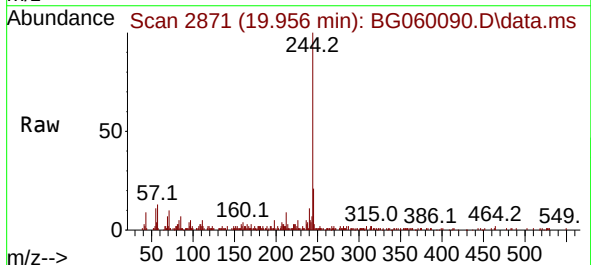
Tgt Ion:244 Resp: 46723

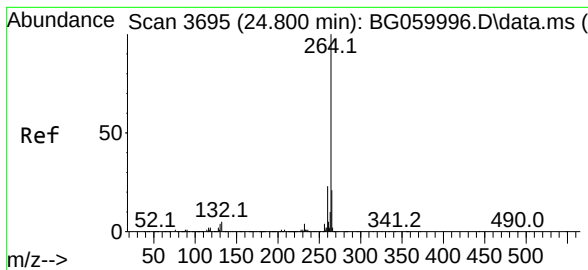
Ion Ratio Lower Upper

244 100

212 8.9 6.8 10.2

122 1.4 2.6 3.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.803 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG060090.D
 Acq: 19 Dec 2023 18:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-04IDL2

Tgt Ion:264	Resp:	701401
Ion	Ratio	Lower Upper
264	100	
260	22.9	18.5 27.7
265	21.1	17.3 25.9

