

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060040.D
 Acq On : 15 Dec 2023 17:52
 Operator : MA/JU
 Sample : 05695-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Dec 16 02:04:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

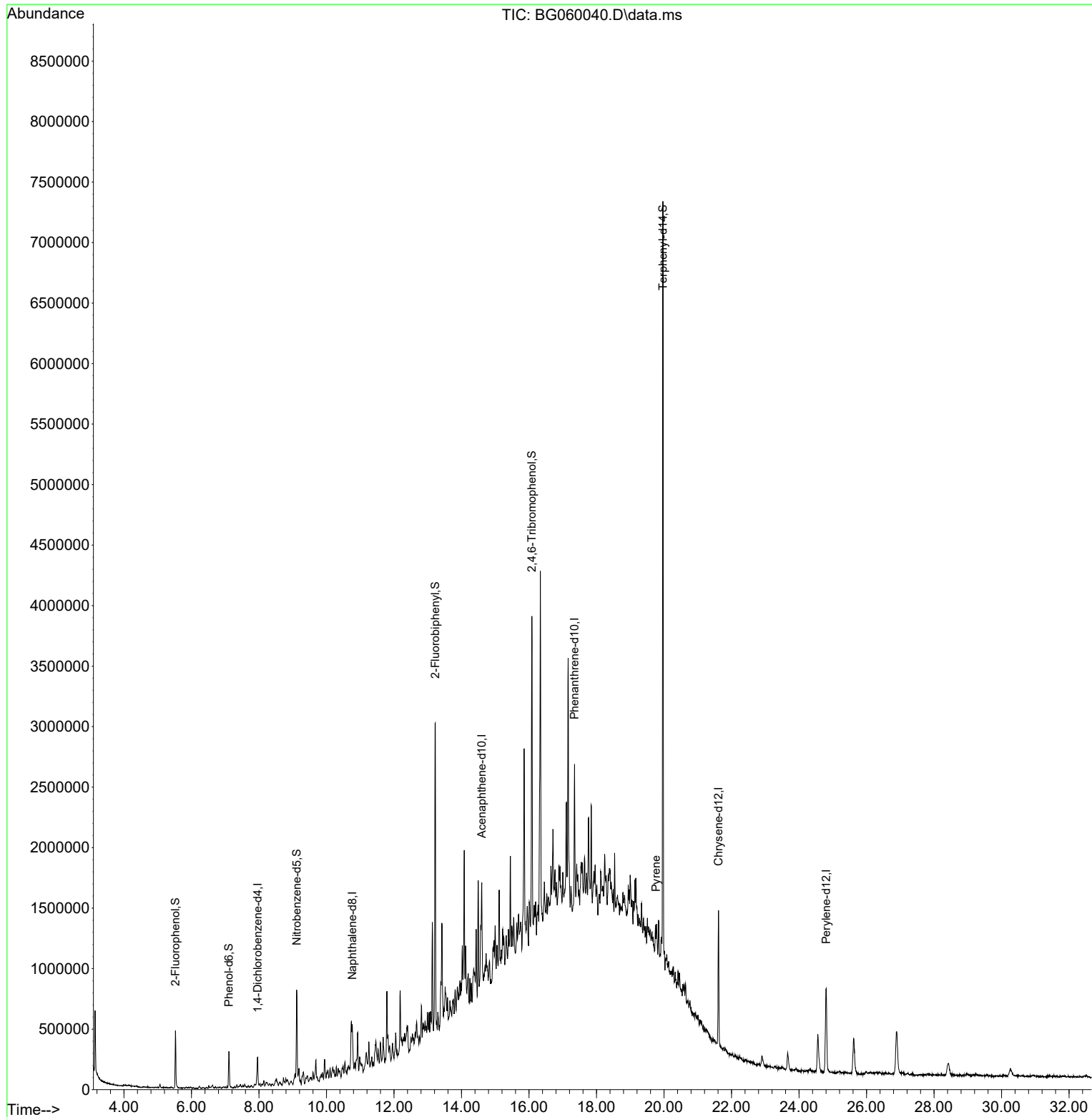
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	69002	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	273278	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	210878	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	616433	20.000	ng	# 0.00
76) Chrysene-d12	21.613	240	735676	20.000	ng	0.00
86) Perylene-d12	24.804	264	864866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	180327	44.737	ng	0.00
7) Phenol-d6	7.107	99	146320	25.806	ng	0.00
23) Nitrobenzene-d5	9.116	82	448411	74.509	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	625987	127.377	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	1423681	82.628	ng	0.00
79) Terphenyl-d14	19.968	244	3330169	82.644	ng	0.00
Target Compounds						
78) Pyrene	19.762	202	95863	2.150	ng	# 91

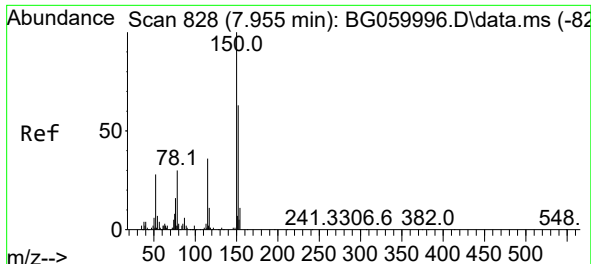
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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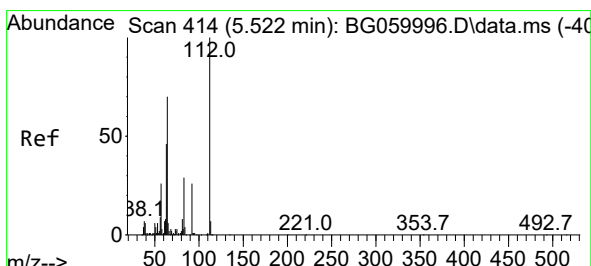
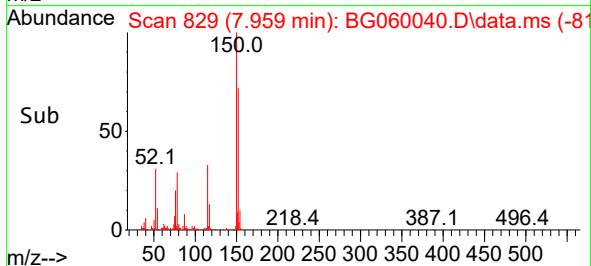
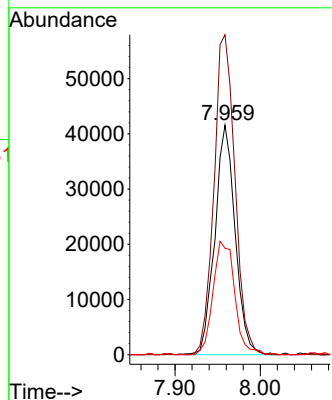
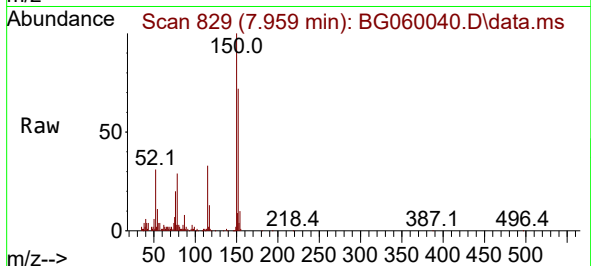




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060040.D
Acq: 15 Dec 2023 17:52

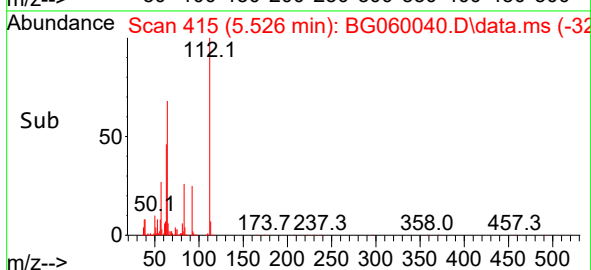
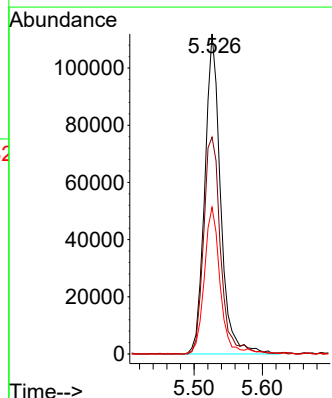
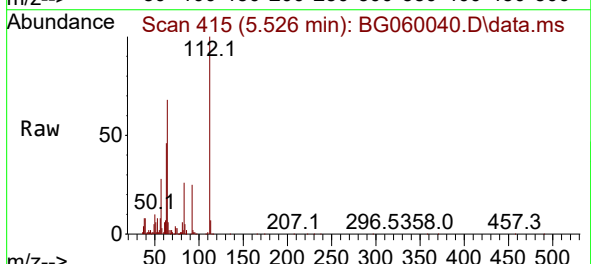
Instrument :
BNA_G
ClientSampleId :
MW-1

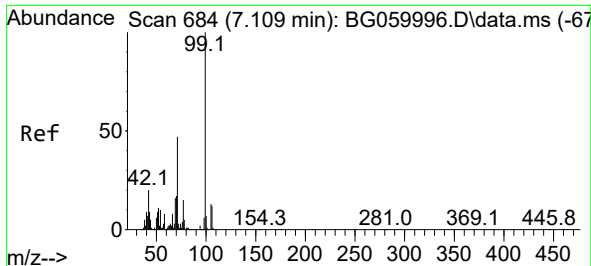
Tgt Ion:152 Resp: 69002
Ion Ratio Lower Upper
152 100
150 139.5 127.0 190.6
115 46.4 45.7 68.5



#5
2-Fluorophenol
Concen: 44.737 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060040.D
Acq: 15 Dec 2023 17:52

Tgt Ion:112 Resp: 180327
Ion Ratio Lower Upper
112 100
64 67.7 55.9 83.9
63 45.8 36.5 54.7

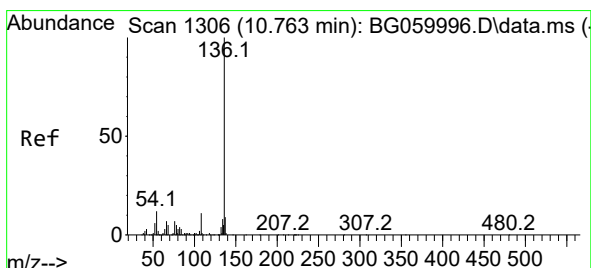
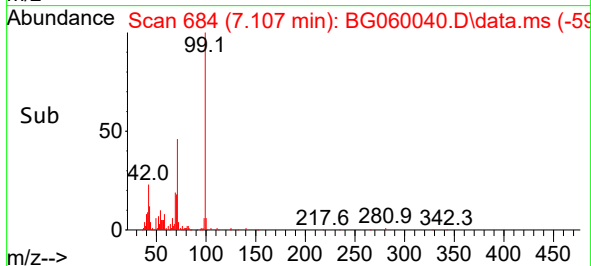
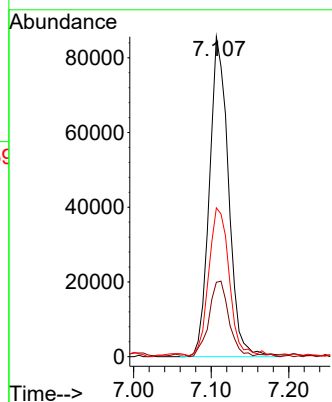
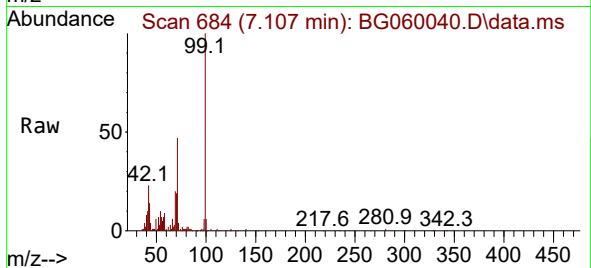




#7
Phenol-d6
Concen: 25.806 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060040.D
Acq: 15 Dec 2023 17:52

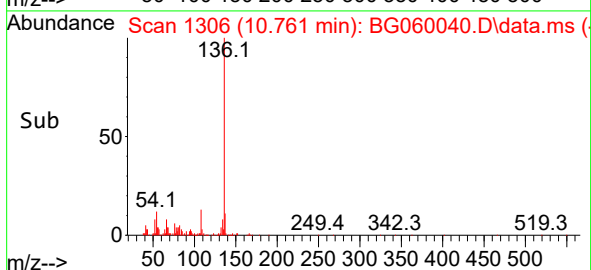
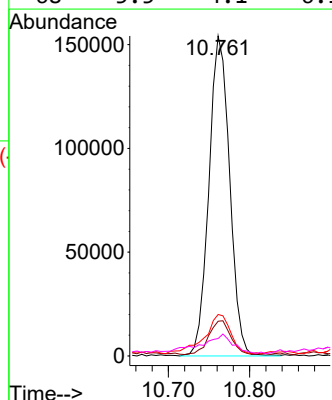
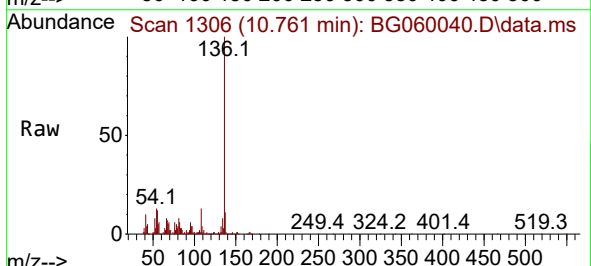
Instrument :
BNA_G
ClientSampleId :
MW-1

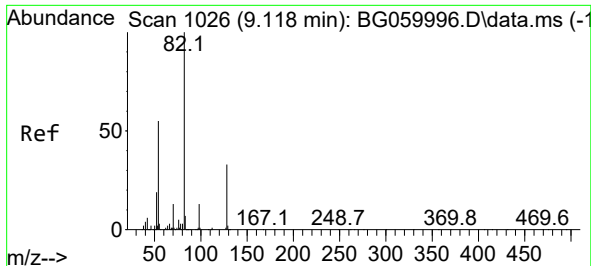
Tgt Ion: 99 Resp: 146320
Ion Ratio Lower Upper
99 100
42 23.2 16.2 24.4
71 46.5 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060040.D
Acq: 15 Dec 2023 17:52

Tgt Ion:136 Resp: 273278
Ion Ratio Lower Upper
136 100
137 10.9 7.3 10.9
54 12.9 9.6 14.4
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.509 ng

RT: 9.116 min Scan# 1026

Delta R.T. -0.002 min

Lab File: BG060040.D

Acq: 15 Dec 2023 17:52

Instrument :

BNA_G

ClientSampleId :

MW-1

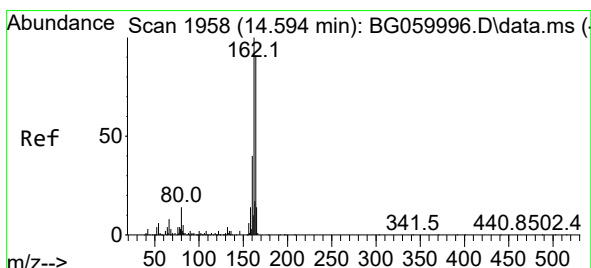
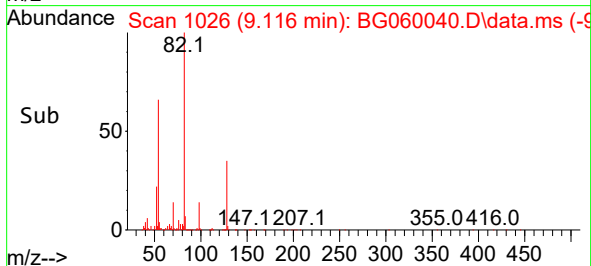
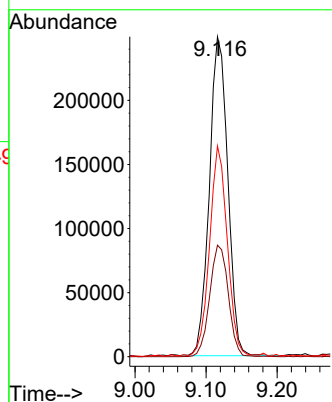
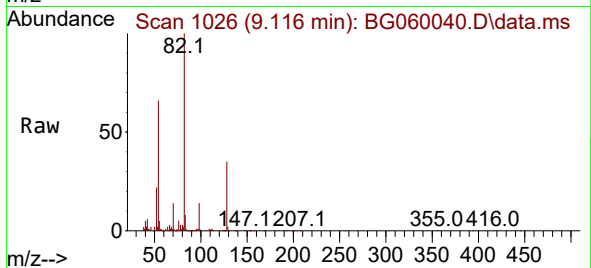
Tgt Ion: 82 Resp: 448411

Ion Ratio Lower Upper

82 100

128 34.9 26.3 39.5

54 65.9 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1959

Delta R.T. 0.004 min

Lab File: BG060040.D

Acq: 15 Dec 2023 17:52

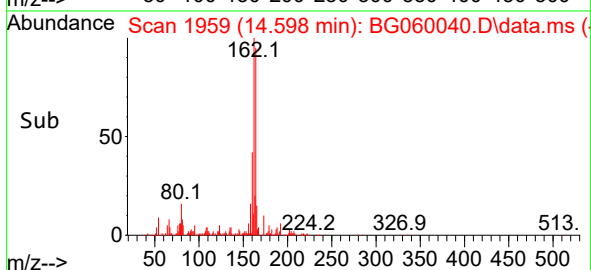
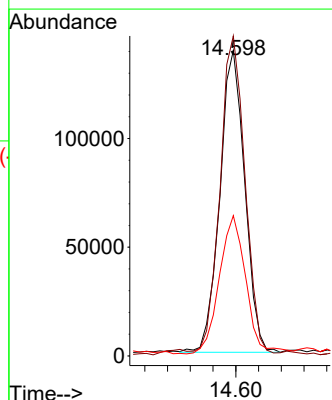
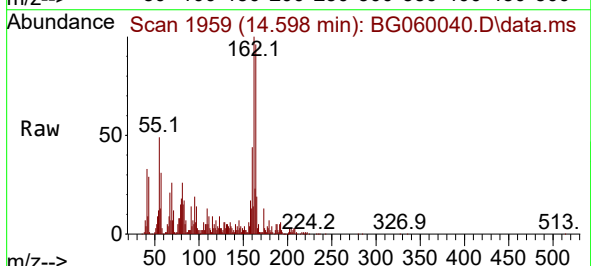
Tgt Ion:164 Resp: 210878

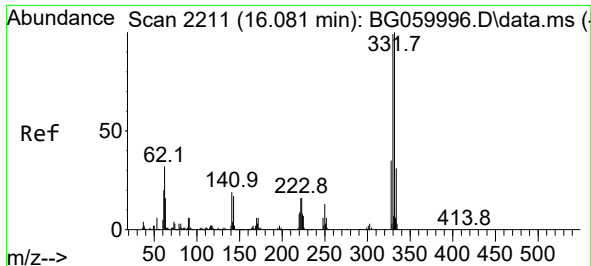
Ion Ratio Lower Upper

164 100

162 104.7 88.1 132.1

160 45.9 35.4 53.0

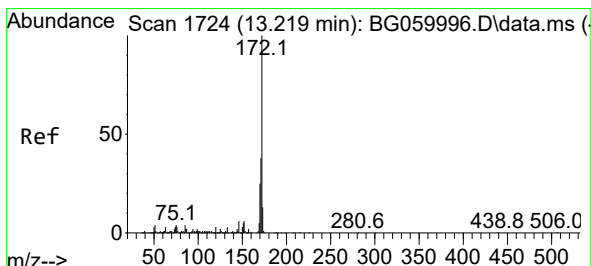
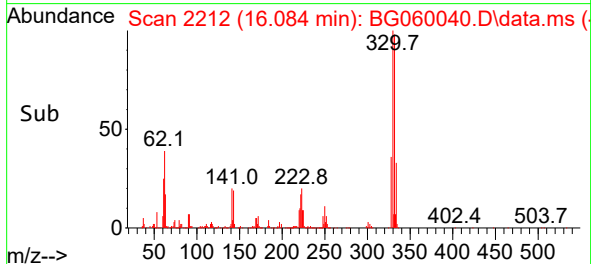
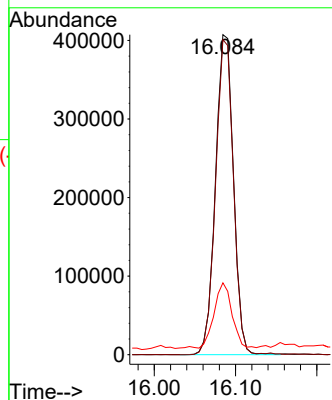
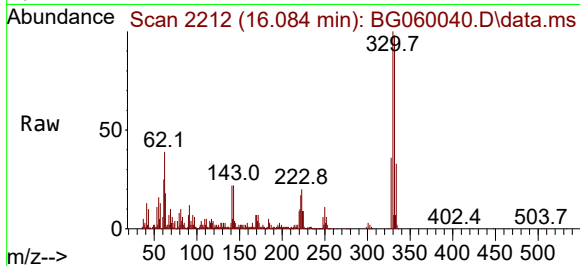




#42
2,4,6-Tribromophenol
Concen: 127.377 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG060040.D
Acq: 15 Dec 2023 17:52

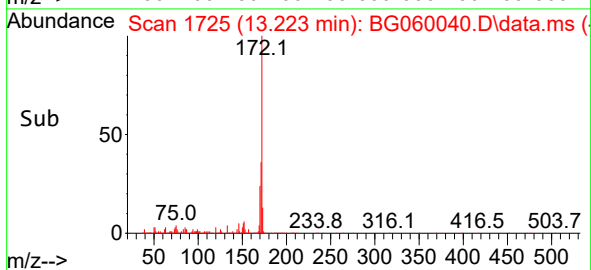
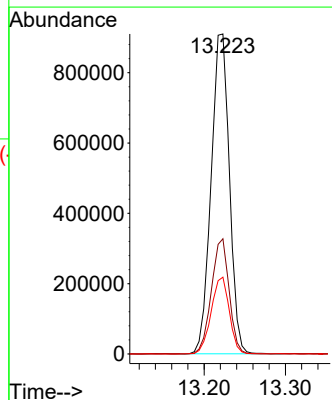
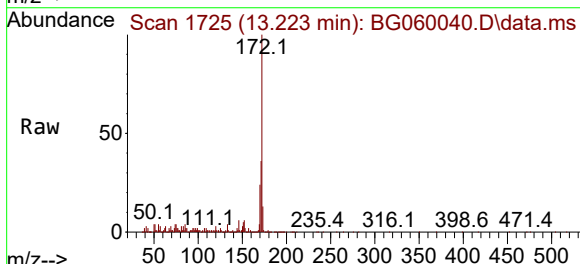
Instrument :
BNA_G
ClientSampleId :
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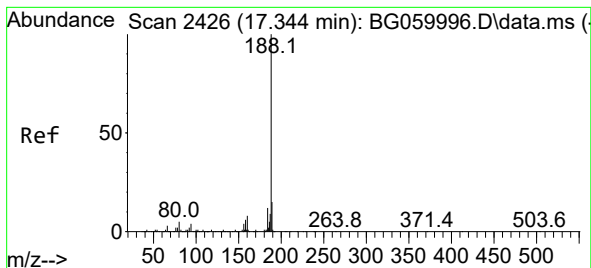
Tgt Ion:330 Resp: 625987
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 20.8 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 82.628 ng
RT: 13.223 min Scan# 1725
Delta R.T. 0.004 min
Lab File: BG060040.D
Acq: 15 Dec 2023 17:52

Tgt Ion:172 Resp: 1423681
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 24.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.348 min Scan# 2426

Delta R.T. 0.004 min

Lab File: BG060040.D

Acq: 15 Dec 2023 17:52

Instrument :

BNA_G

ClientSampleId :

MW-1

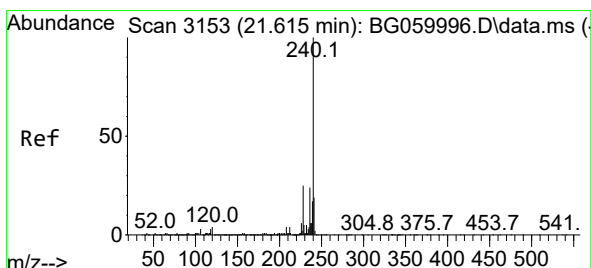
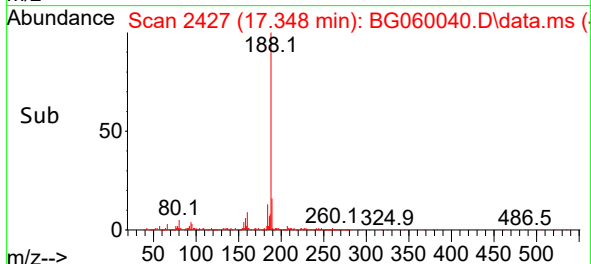
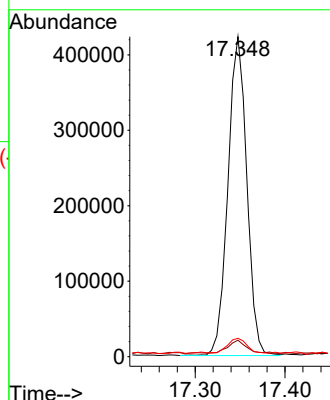
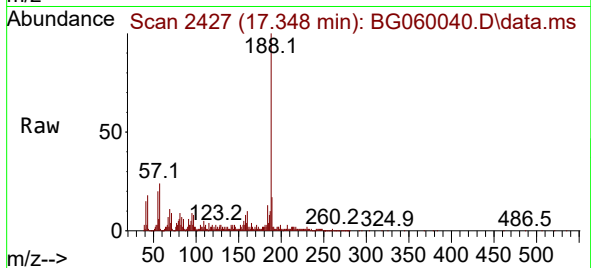
Tgt Ion:188 Resp: 616433

Ion Ratio Lower Upper

188 100

94 5.2 3.0 4.6#

80 5.7 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.002 min

Lab File: BG060040.D

Acq: 15 Dec 2023 17:52

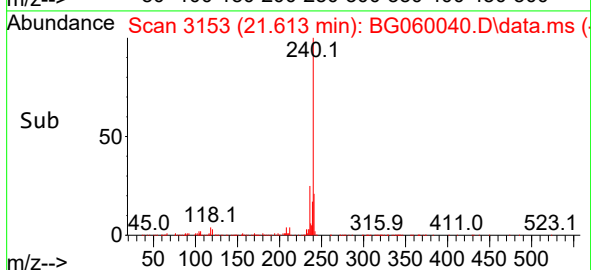
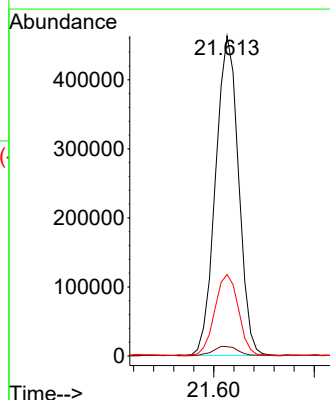
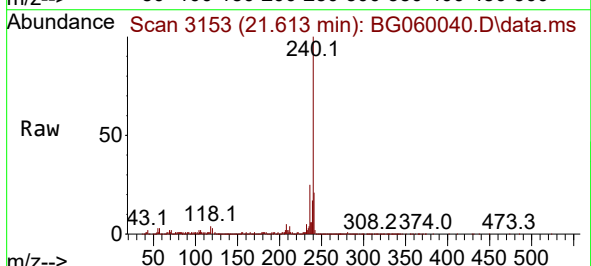
Tgt Ion:240 Resp: 735676

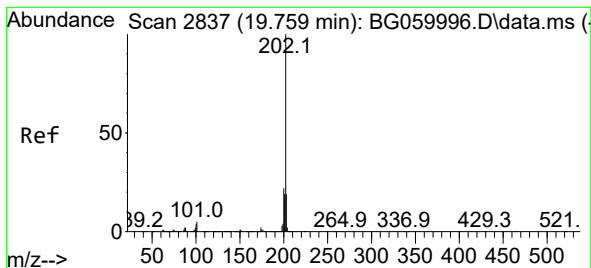
Ion Ratio Lower Upper

240 100

120 2.9 2.9 4.3

236 25.4 19.4 29.2





#78

Pyrene

Concen: 2.150 ng

RT: 19.762 min Scan# 2837

Delta R.T. 0.004 min

Lab File: BG060040.D

Acq: 15 Dec 2023 17:52

Instrument :

BNA_G

ClientSampleId :

MW-1

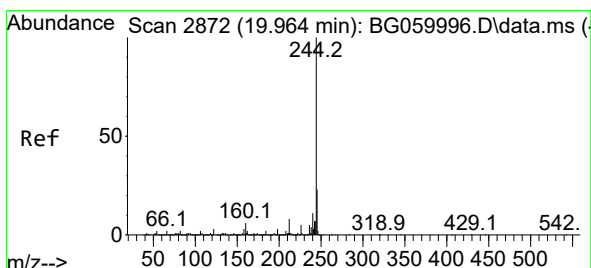
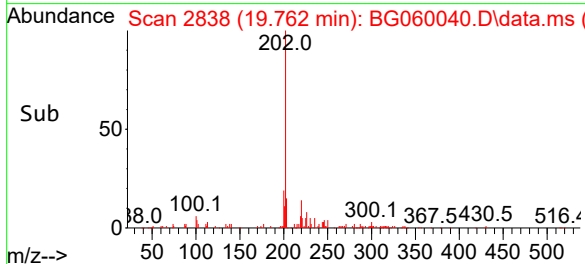
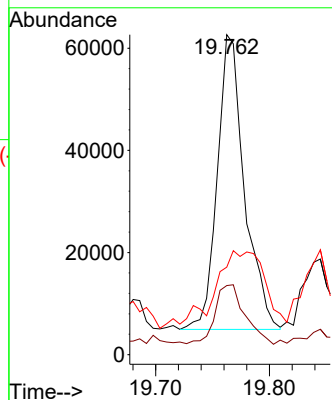
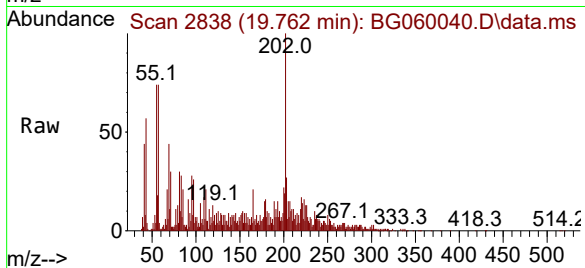
Tgt Ion:202 Resp: 95863

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

203 27.4 14.9 22.3#



#79

Terphenyl-d14

Concen: 82.644 ng

RT: 19.968 min Scan# 2873

Delta R.T. 0.004 min

Lab File: BG060040.D

Acq: 15 Dec 2023 17:52

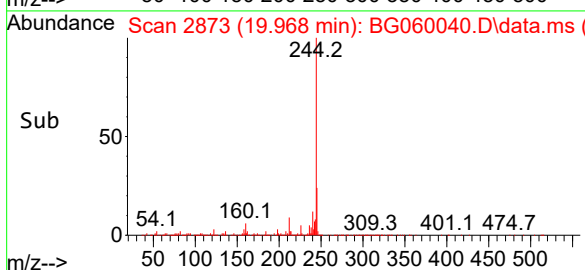
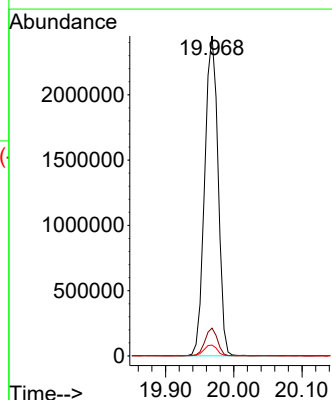
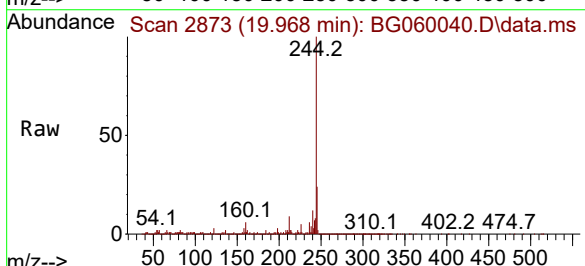
Tgt Ion:244 Resp: 3330169

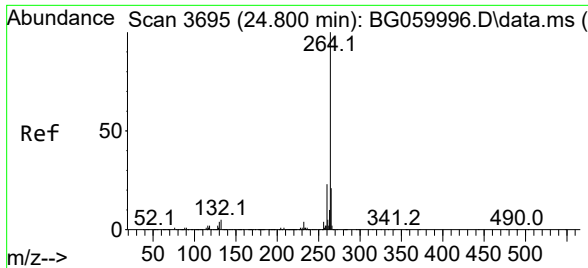
Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

122 3.4 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BG060040.D
 Acq: 15 Dec 2023 17:52

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 MW-1

Tgt Ion:	264	Resp:	864866
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.4	17.3	25.9

