

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060094.D
 Acq On : 19 Dec 2023 20:50
 Operator : MA/JU
 Sample : 05829-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2DL

Quant Time: Dec 20 00:46:52 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)

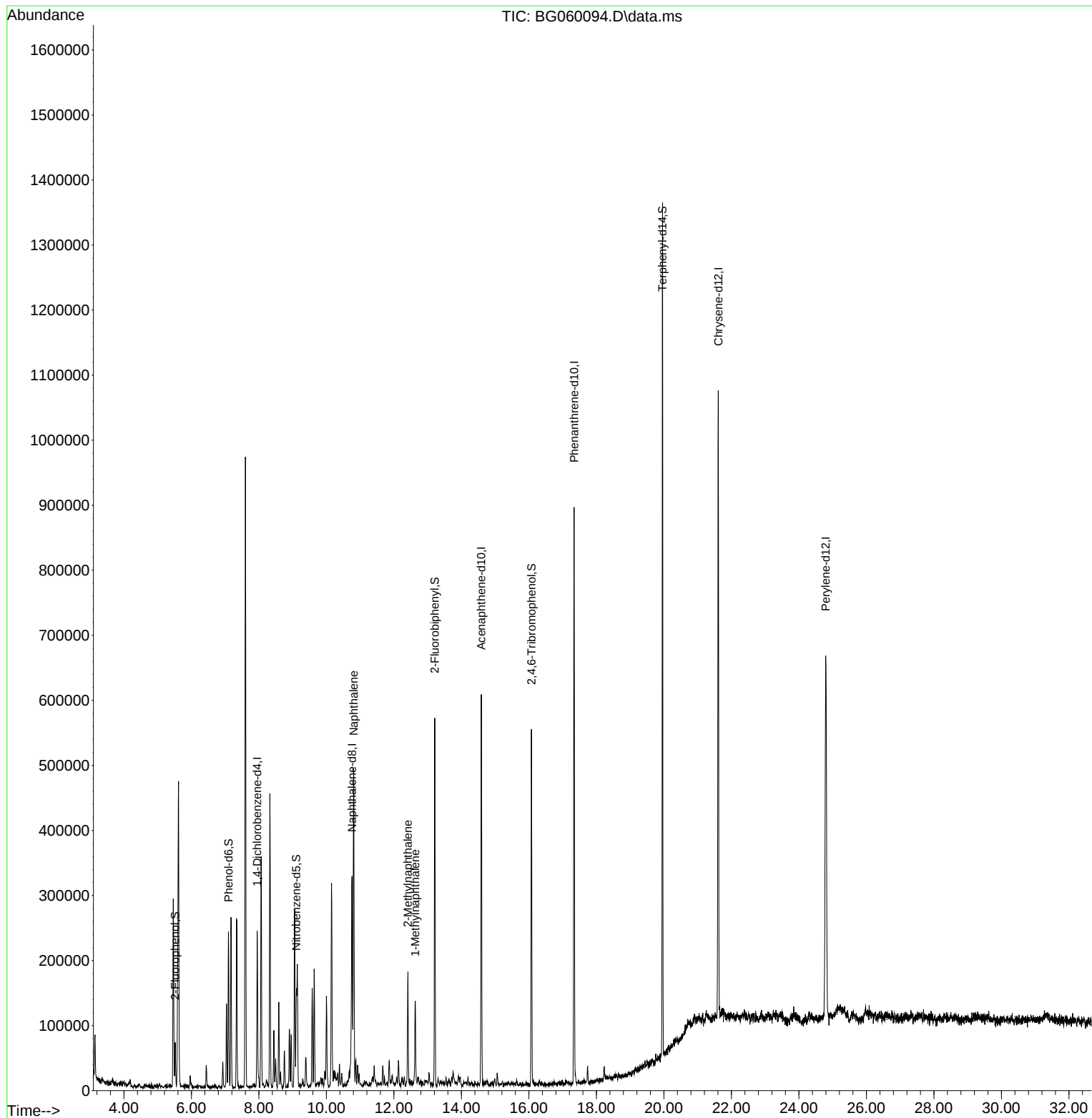
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	60592	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	229447	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	219432	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	616758	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	650528	20.000	ng	# 0.00
86) Perylene-d12	24.794	264	745179	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	22674	6.406	ng	0.00
7) Phenol-d6	7.103	99	19595	3.936	ng	0.00
23) Nitrobenzene-d5	9.107	82	81070	16.044	ng	-0.02
42) 2,4,6-Tribromophenol	16.075	330	135717	26.539	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	312556	17.433	ng	0.00
79) Terphenyl-d14	19.959	244	750468	21.062	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.811	128	310225	25.972	ng	98
37) 2-Methylnaphthalene	12.415	142	73148	7.808	ng	92
38) 1-Methylnaphthalene	12.632	142	46806	5.058	ng	86

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

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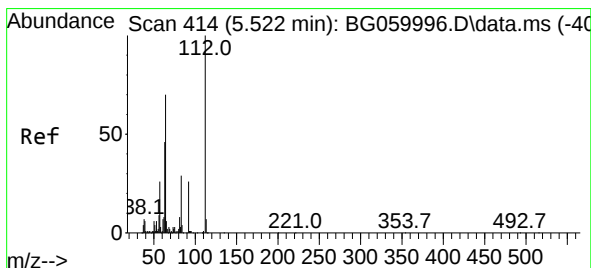
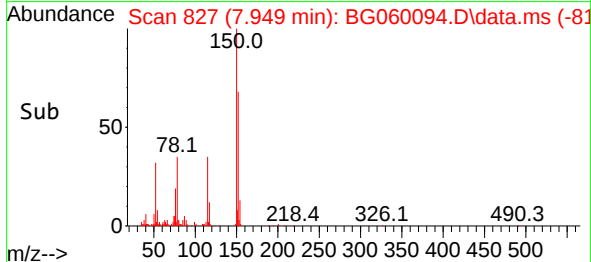
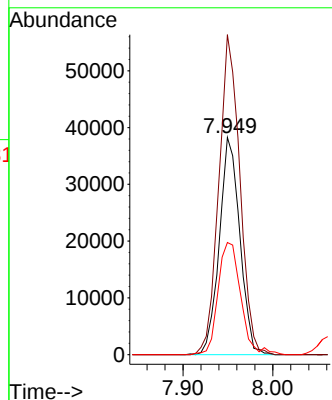
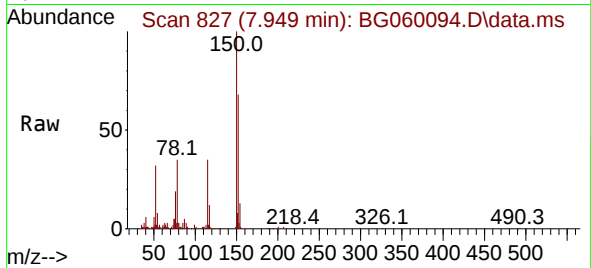




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

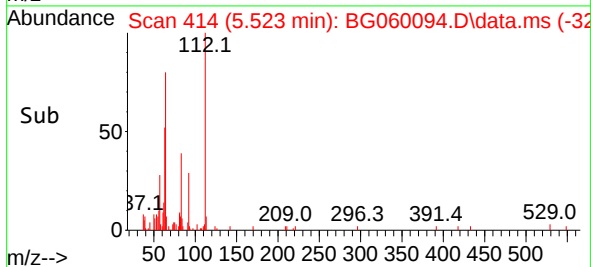
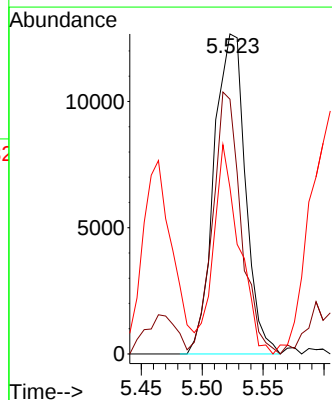
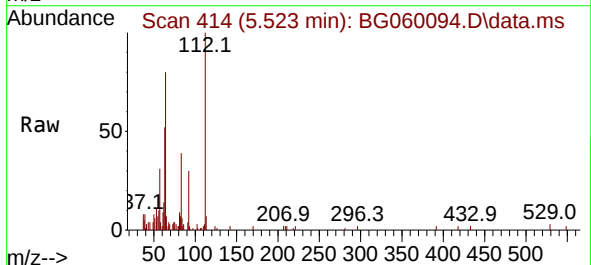
Instrument :
BNA_G
ClientSampleId :
MW-2DL

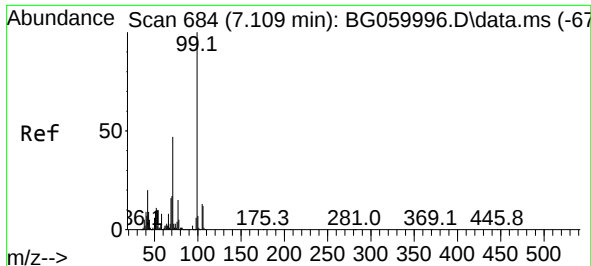
Tgt Ion:152 Resp: 60592
Ion Ratio Lower Upper
152 100
150 147.3 127.0 190.6
115 51.6 45.7 68.5



#5
2-Fluorophenol
Concen: 6.406 ng
RT: 5.523 min Scan# 414
Delta R.T. -0.003 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion:112 Resp: 22674
Ion Ratio Lower Upper
112 100
64 79.6 55.9 83.9
63 52.0 36.5 54.7

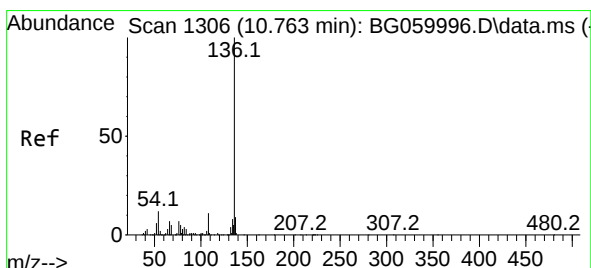
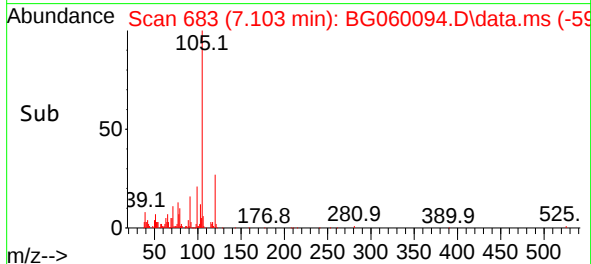
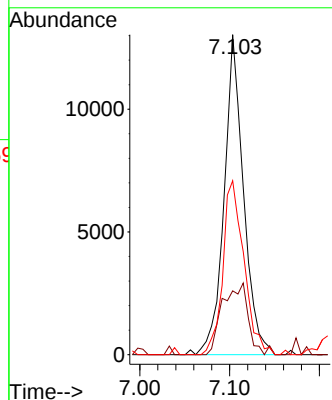
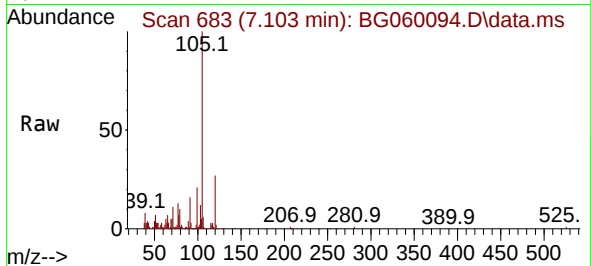




#7
Phenol-d6
Concen: 3.936 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

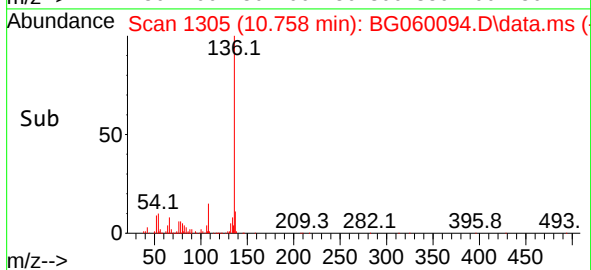
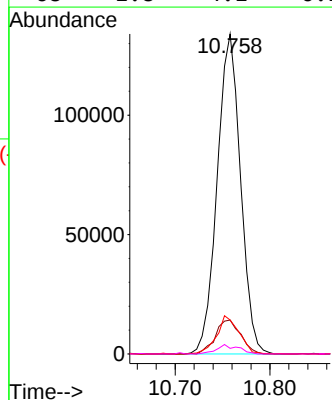
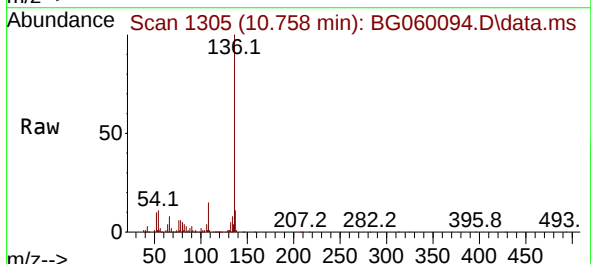
Instrument :
BNA_G
ClientSampleId :
MW-2DL

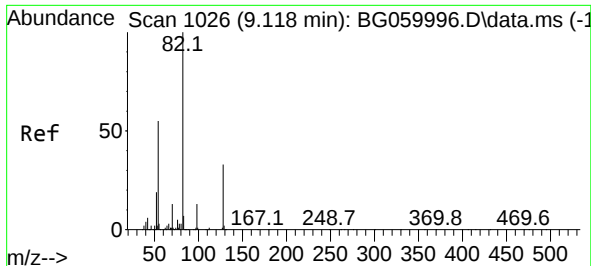
Tgt Ion: 99 Resp: 19595
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.4
71 54.4 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion:136 Resp: 229447
Ion Ratio Lower Upper
136 100
137 10.6 7.3 10.9
54 10.6 9.6 14.4
68 1.8 4.1 6.1#

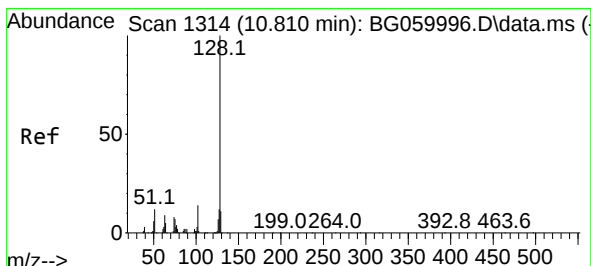
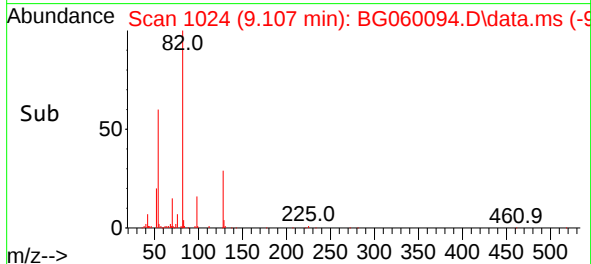
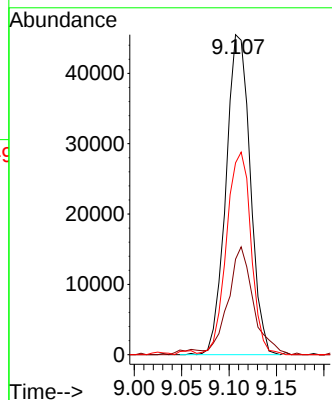
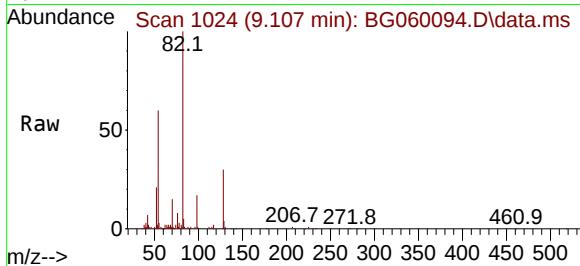




#23
Nitrobenzene-d5
Concen: 16.044 ng
RT: 9.107 min Scan# 1026
Delta R.T. -0.015 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

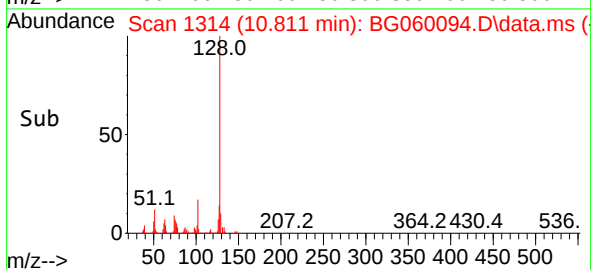
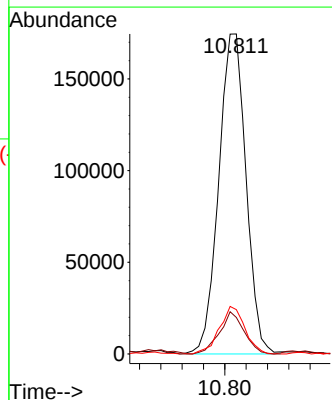
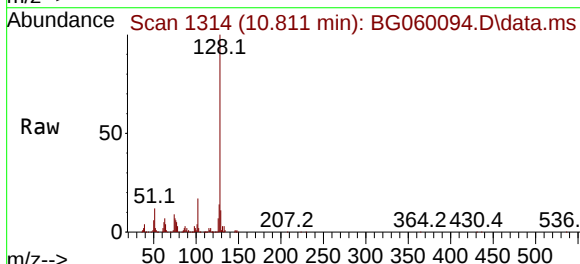
Instrument :
BNA_G
ClientSampleId :
MW-2DL

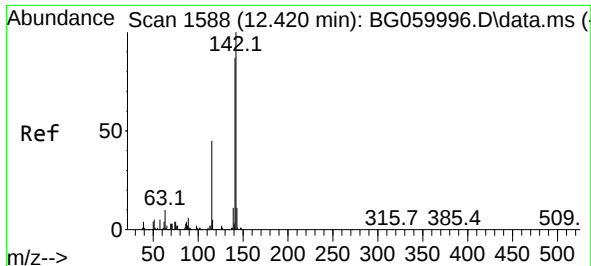
Tgt Ion: 82 Resp: 81070
Ion Ratio Lower Upper
82 100
128 29.8 26.3 39.5
54 59.9 44.3 66.5



#31
Naphthalene
Concen: 25.972 ng
RT: 10.811 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion: 128 Resp: 310225
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.9 9.7 14.5

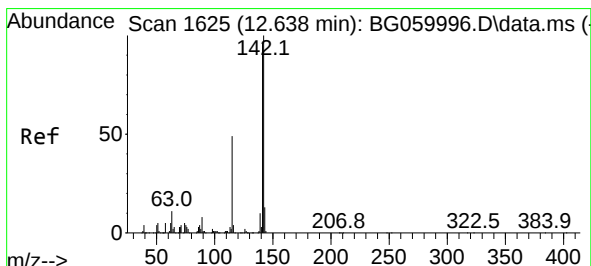
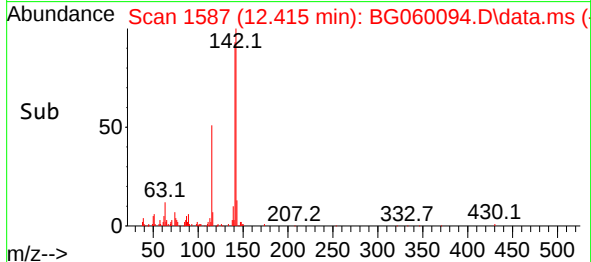
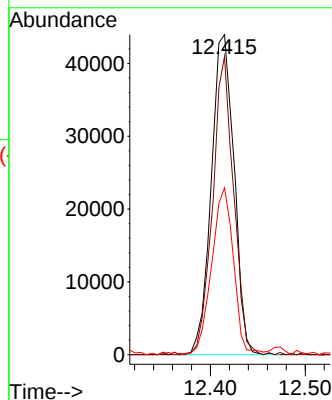
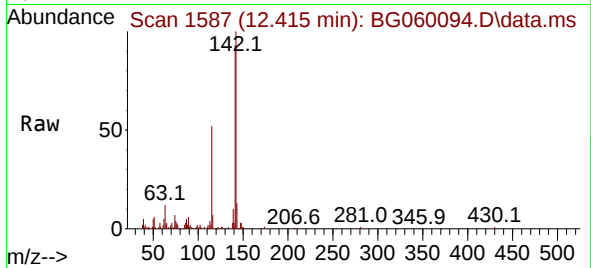




#37
2-Methylnaphthalene
Concen: 7.808 ng
RT: 12.415 min Scan# 1587
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

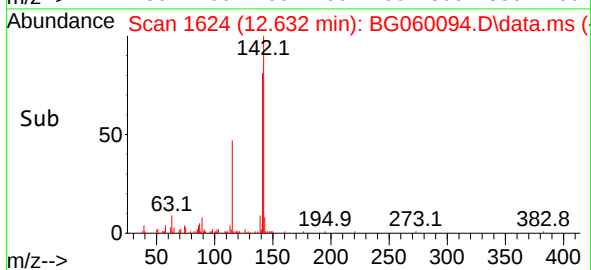
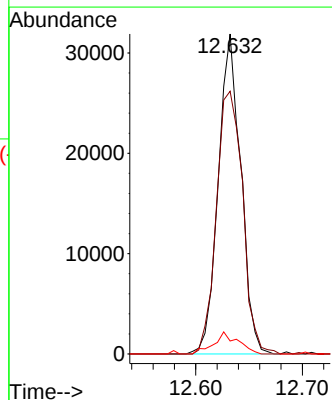
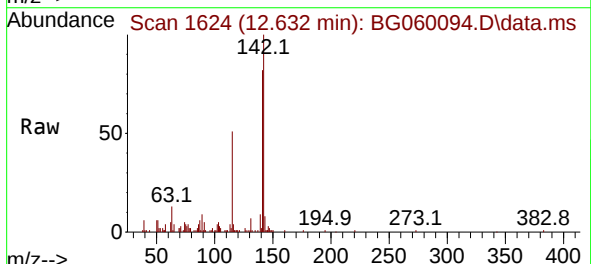
Instrument :
BNA_G
ClientSampleId :
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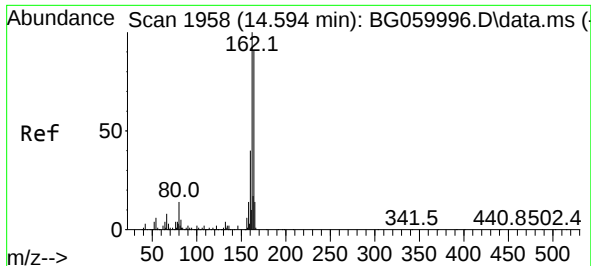
Tgt Ion:142 Resp: 73148
Ion Ratio Lower Upper
142 100
141 93.3 69.9 104.9
115 52.2 36.1 54.1



#38
1-Methylnaphthalene
Concen: 5.058 ng
RT: 12.632 min Scan# 1624
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion:142 Resp: 46806
Ion Ratio Lower Upper
142 100
141 82.1 76.9 115.3
116 4.0 3.5 5.3

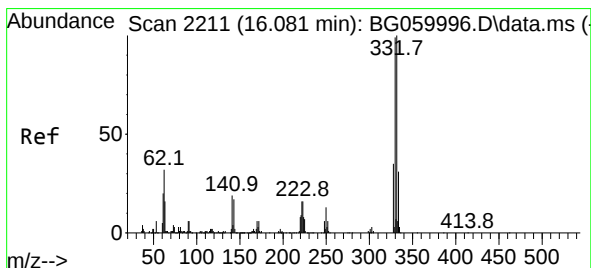
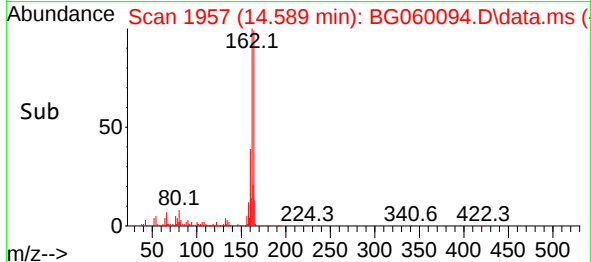
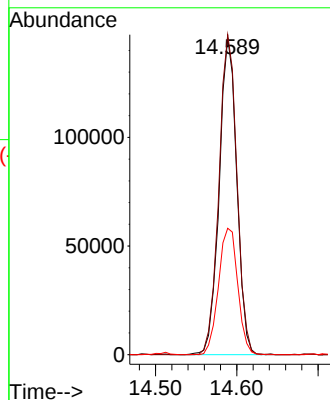
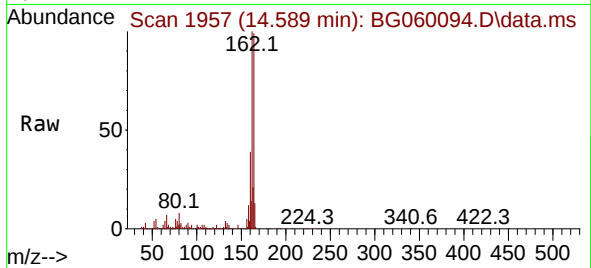




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

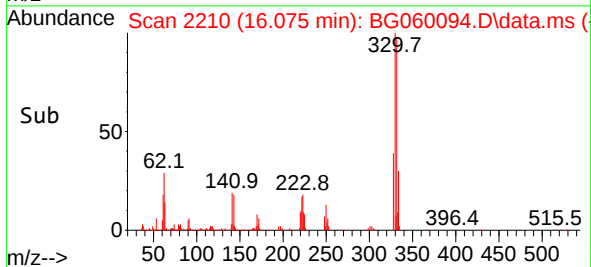
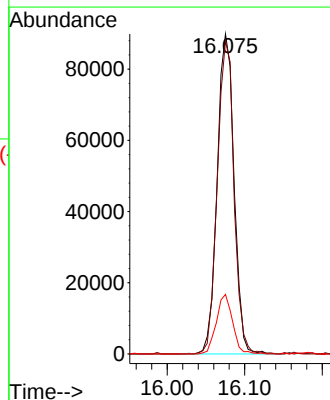
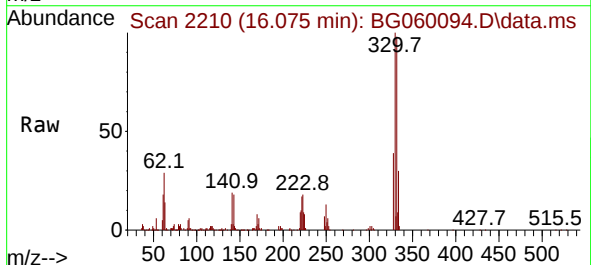
Instrument :
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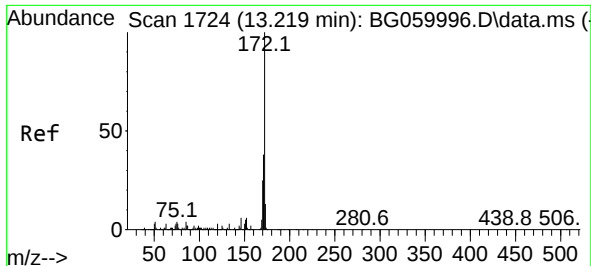
Tgt Ion:164 Resp: 219432
Ion Ratio Lower Upper
164 100
162 101.0 88.1 132.1
160 39.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 26.539 ng
RT: 16.075 min Scan# 2210
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion:330 Resp: 135717
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 18.0 14.3 21.5

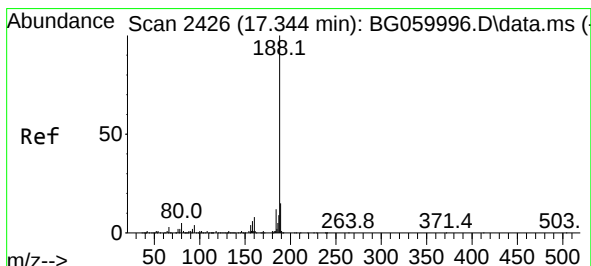
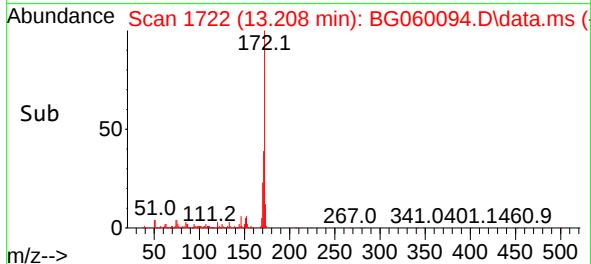
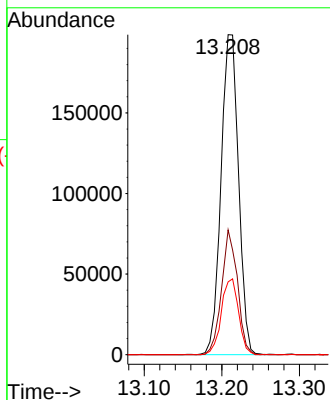
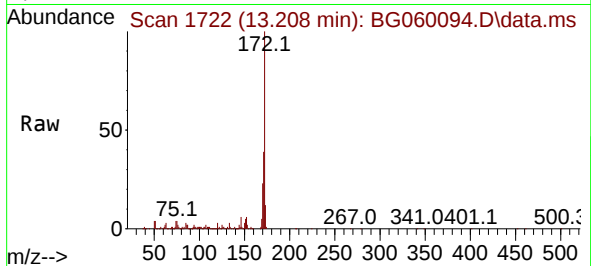




#45
2-Fluorobiphenyl
Concen: 17.433 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

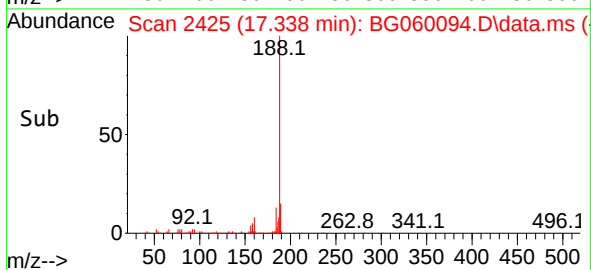
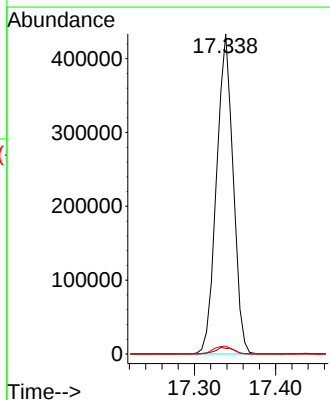
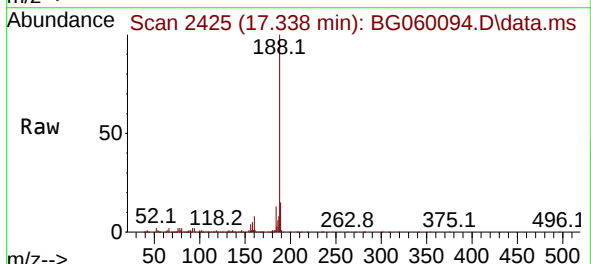
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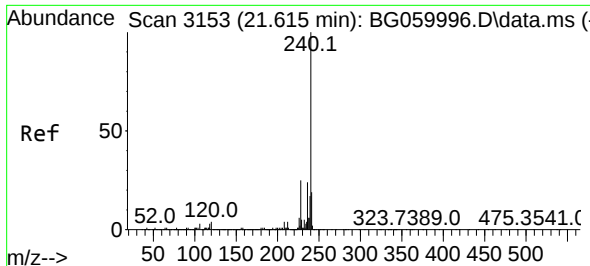
Tgt Ion:172 Resp: 312556
Ion Ratio Lower Upper
172 100
171 39.0 30.1 45.1
170 22.8 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion:188 Resp: 616758
Ion Ratio Lower Upper
188 100
94 1.8 3.0 4.6#
80 2.4 4.0 6.0#

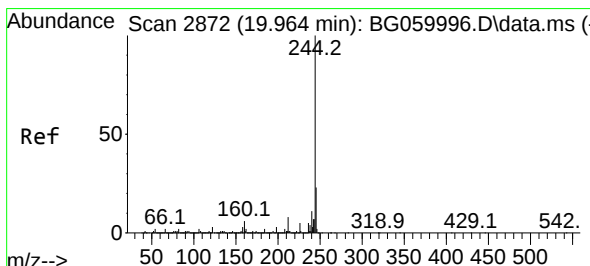
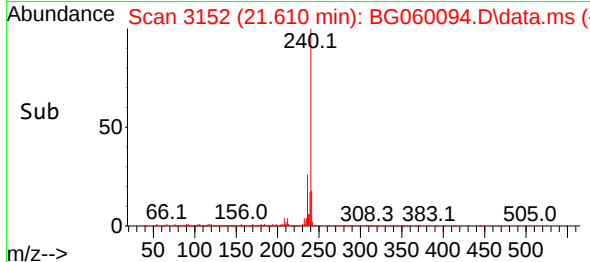
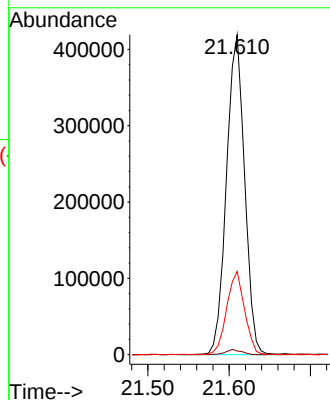
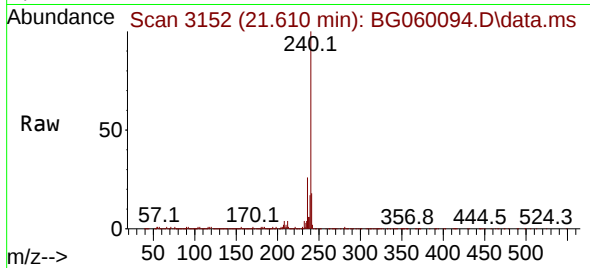




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

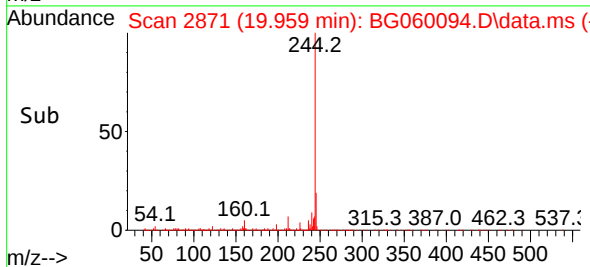
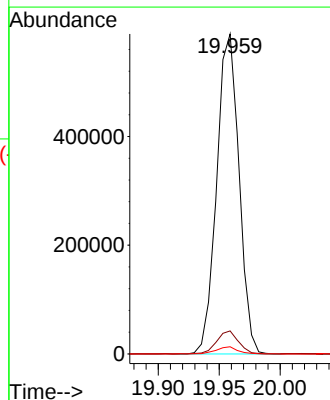
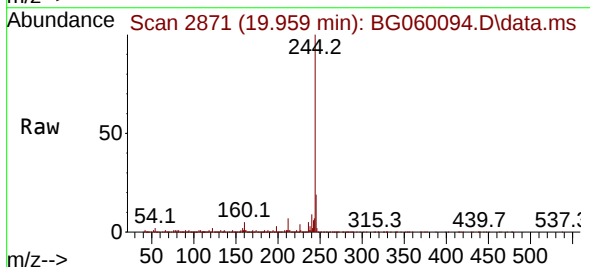
Instrument :
BNA_G
ClientSampleId :
MW-2DL

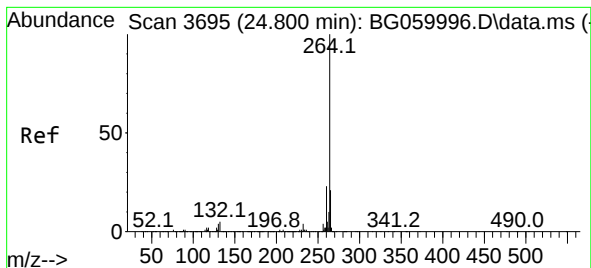
Tgt Ion:240 Resp: 650528
Ion Ratio Lower Upper
240 100
120 1.2 2.9 4.3#
236 26.0 19.4 29.2



#79
Terphenyl-d14
Concen: 21.062 ng
RT: 19.959 min Scan# 2871
Delta R.T. -0.009 min
Lab File: BG060094.D
Acq: 19 Dec 2023 20:50

Tgt Ion:244 Resp: 750468
Ion Ratio Lower Upper
244 100
212 7.2 6.8 10.2
122 2.3 2.6 3.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.794 min Scan# 30

Delta R.T. -0.021 min

Lab File: BG060094.D

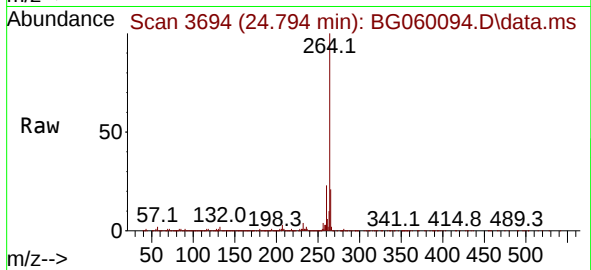
Acq: 19 Dec 2023 20:50

Instrument :

BNA_G

ClientSampleId :

MW-2DL



Tgt Ion:264 Resp: 745179

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.4 17.3 25.9

