

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060092.D
 Acq On : 19 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05612-07DL2 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01DL2

Quant Time: Dec 20 00:46:22 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)

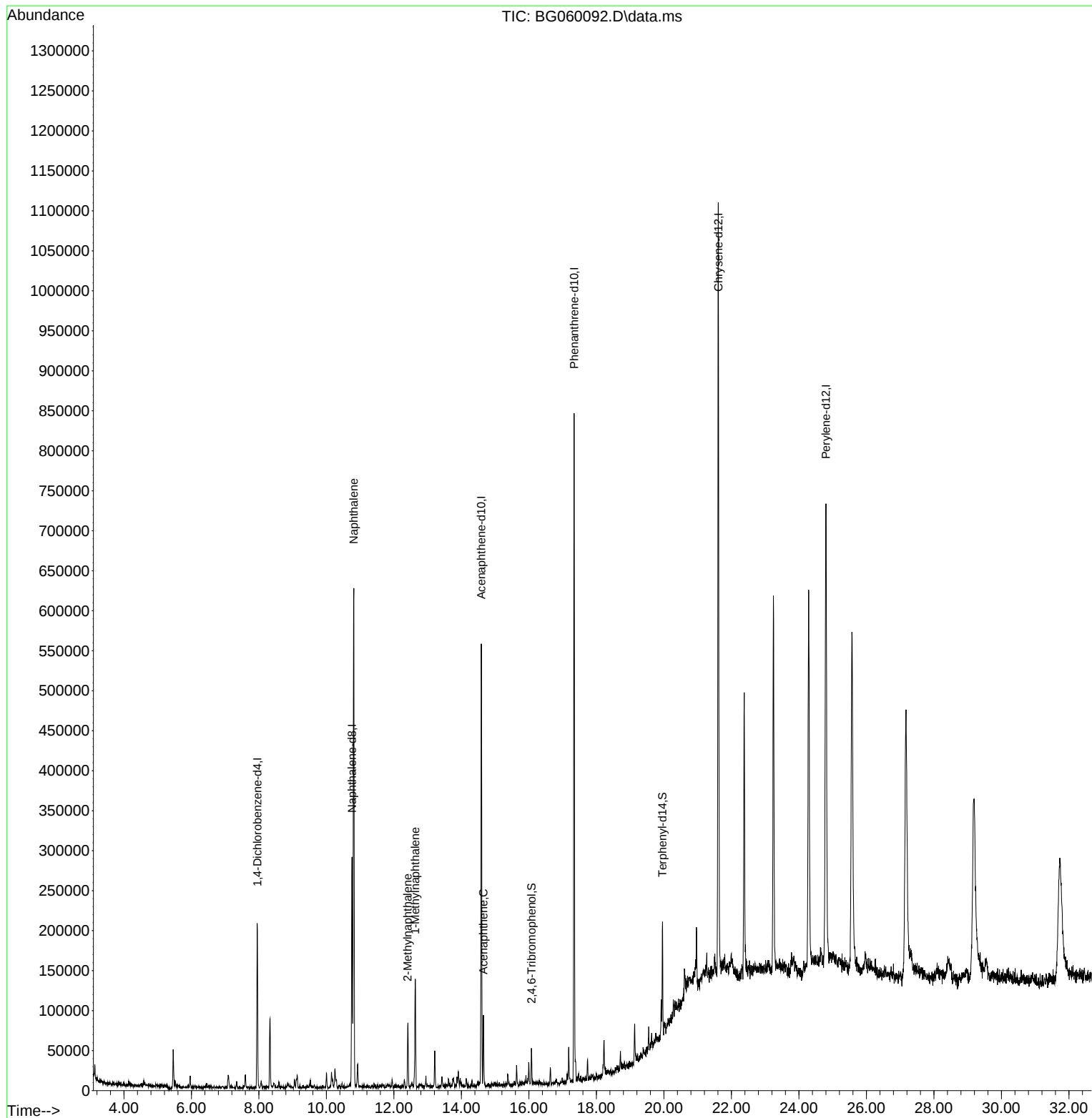
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	54839	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	208796	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	191159	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	572554	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	633221	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	738127	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	3291	1.027	ng	0.00
7) Phenol-d6	7.103	99	2396	0.532	ng	0.00
23) Nitrobenzene-d5	9.107	82	5522	1.201	ng	-0.02
42) 2,4,6-Tribromophenol	16.075	330	11390	2.557	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	24963	1.598	ng	0.00
79) Terphenyl-d14	19.959	244	75929	2.189	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.811	128	444671	40.910	ng	97
37) 2-Methylnaphthalene	12.409	142	32219	3.779	ng	87
38) 1-Methylnaphthalene	12.632	142	57398	6.816	ng	# 95
52) Acenaphthene	14.647	154	31852	2.755	ng	97

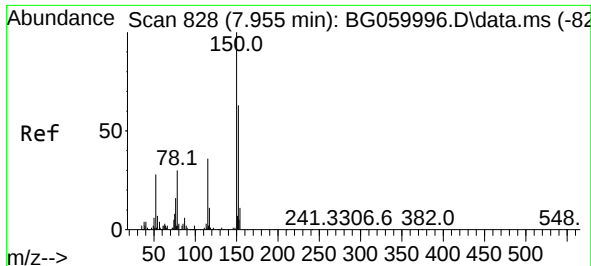
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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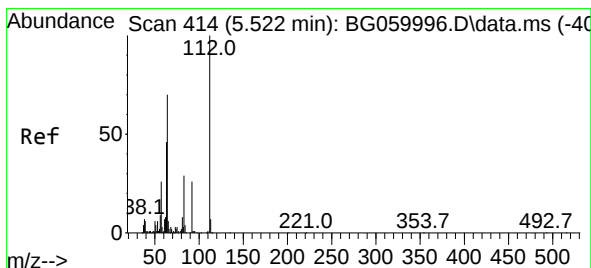
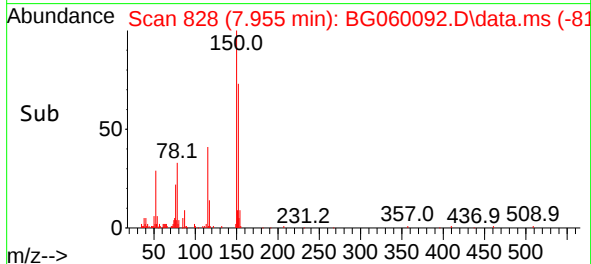
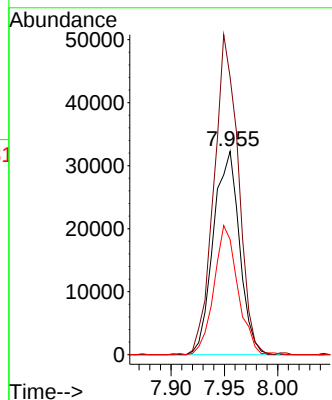
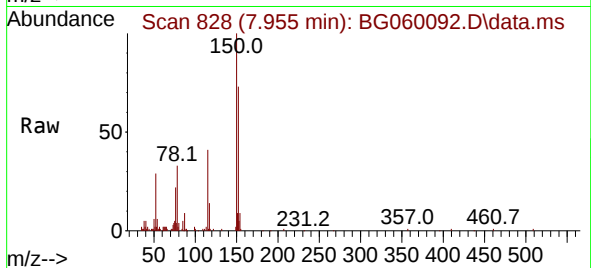




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG060092.D
 Acq: 19 Dec 2023 19:29

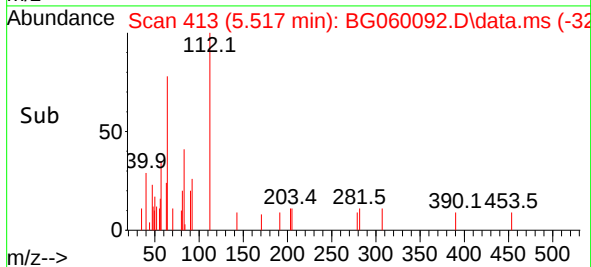
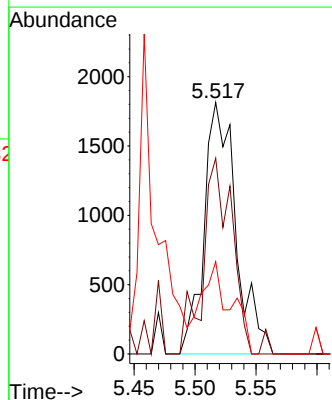
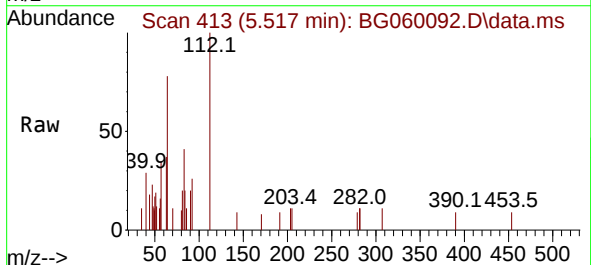
Instrument :
 BNA_G
 ClientSampleId :
 DUP-01DL2

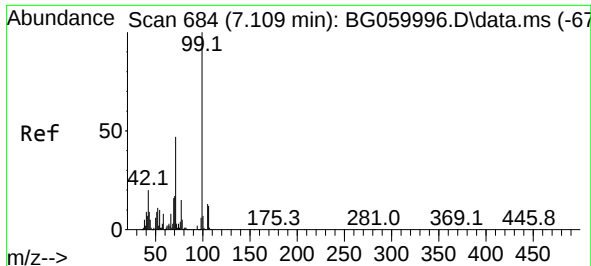
Tgt Ion:152 Resp: 54839
 Ion Ratio Lower Upper
 152 100
 150 136.4 127.0 190.6
 115 56.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 1.027 ng
 RT: 5.517 min Scan# 413
 Delta R.T. -0.009 min
 Lab File: BG060092.D
 Acq: 19 Dec 2023 19:29

Tgt Ion:112 Resp: 3291
 Ion Ratio Lower Upper
 112 100
 64 77.8 55.9 83.9
 63 36.7 36.5 54.7

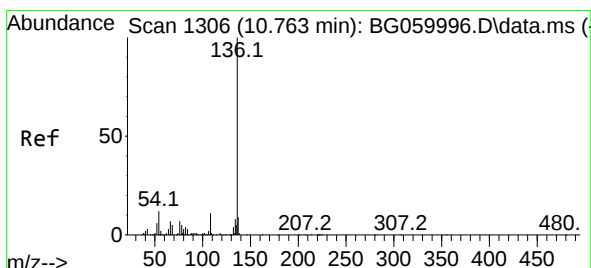
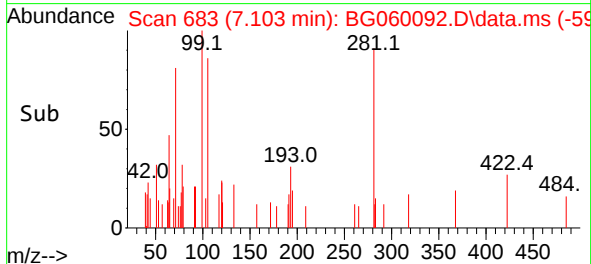
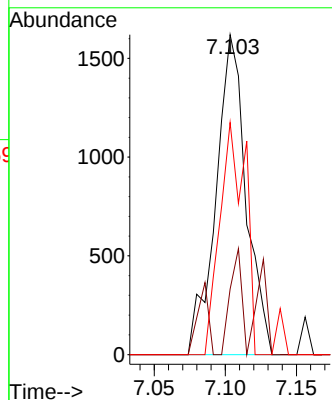
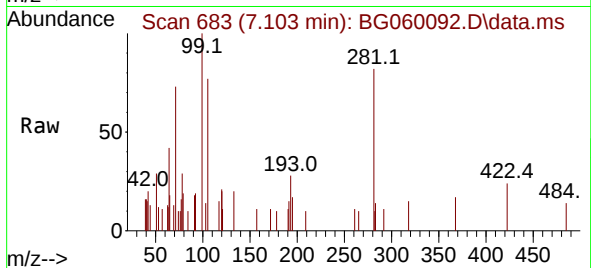




#7
Phenol-d6
Concen: 0.532 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

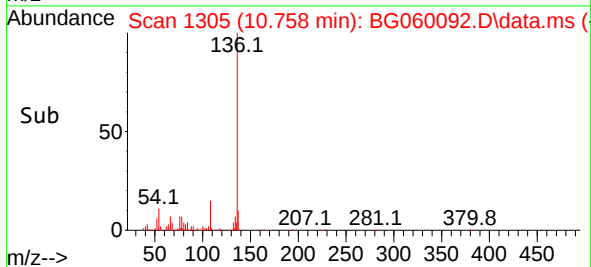
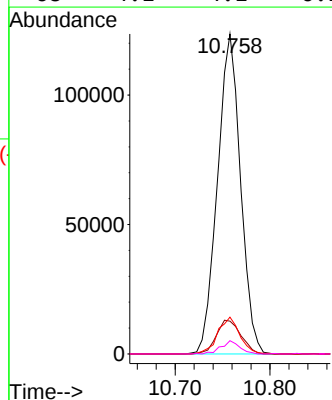
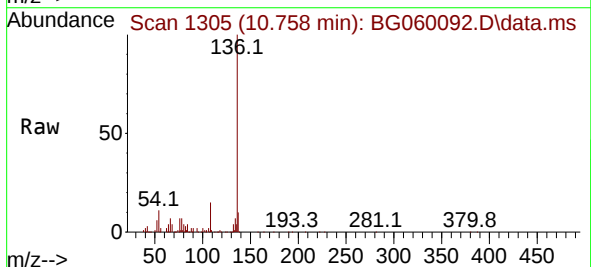
Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

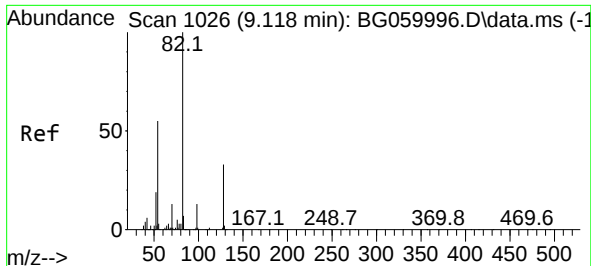
Tgt Ion: 99 Resp: 2396
Ion Ratio Lower Upper
99 100
42 20.5 16.2 24.4
71 72.5 37.6 56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:136 Resp: 208796
Ion Ratio Lower Upper
136 100
137 10.2 7.3 10.9
54 11.5 9.6 14.4
68 4.1 4.1 6.1

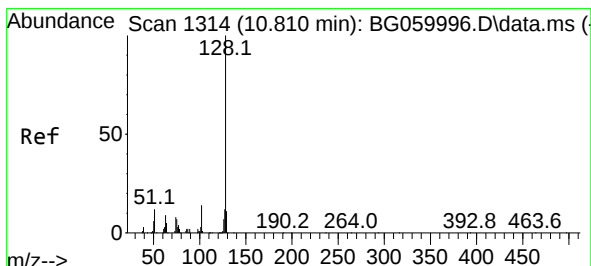
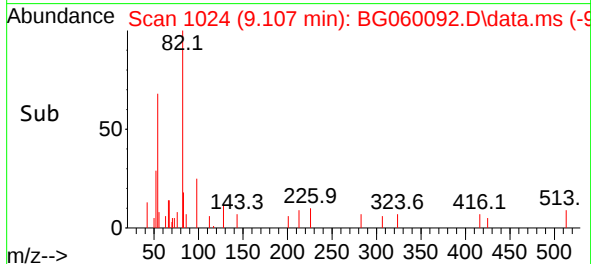
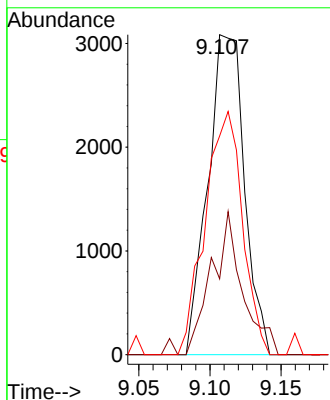
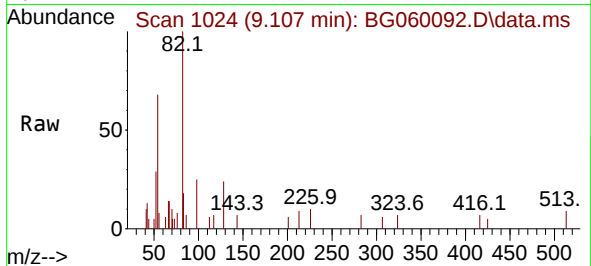




#23
Nitrobenzene-d5
Concen: 1.201 ng
RT: 9.107 min Scan# 1026
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

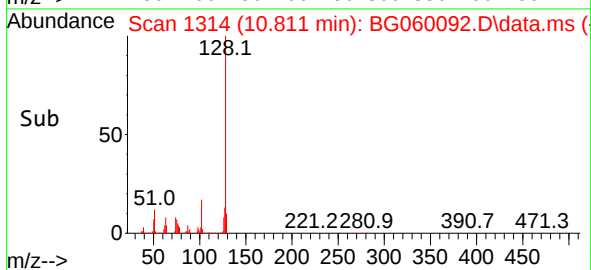
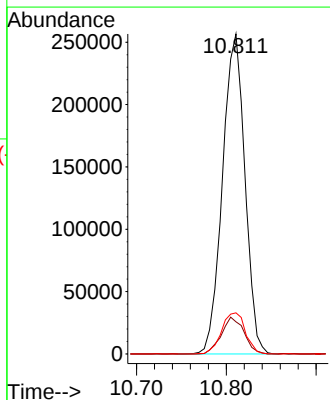
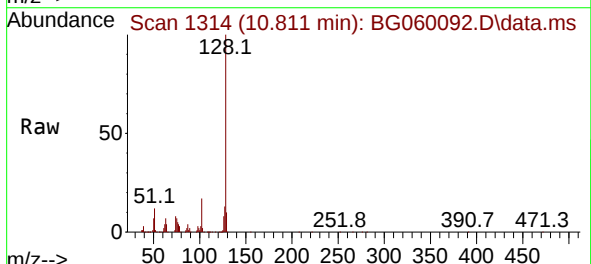
Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

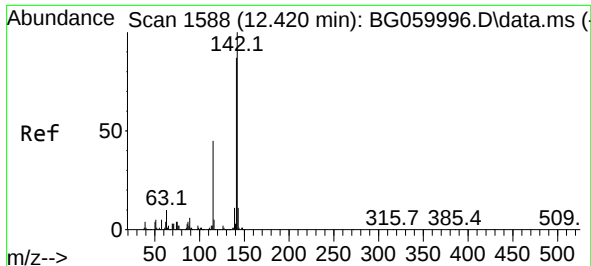
Tgt Ion: 82 Resp: 5522
Ion Ratio Lower Upper
82 100
128 23.7 26.3 39.5#
54 68.3 44.3 66.5#



#31
Naphthalene
Concen: 40.910 ng
RT: 10.811 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:128 Resp: 444671
Ion Ratio Lower Upper
128 100
129 10.1 9.2 13.8
127 12.9 9.7 14.5

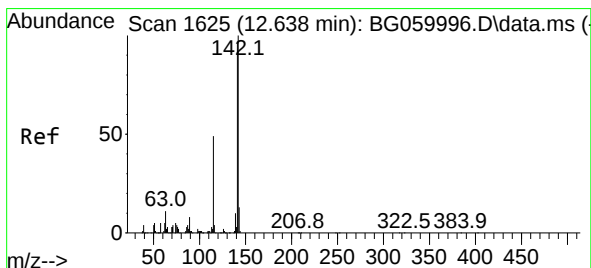
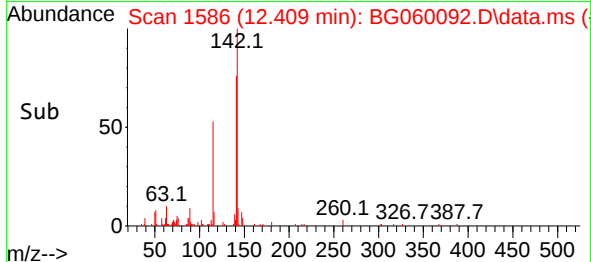
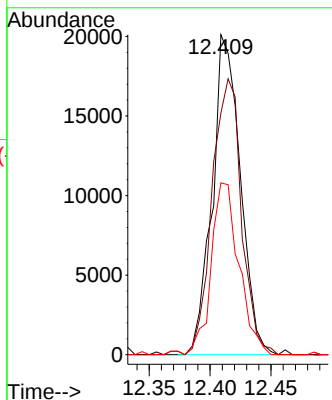
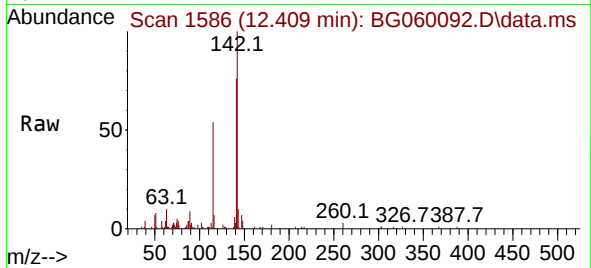




#37
2-Methylnaphthalene
Concen: 3.779 ng
RT: 12.409 min Scan# 1586
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

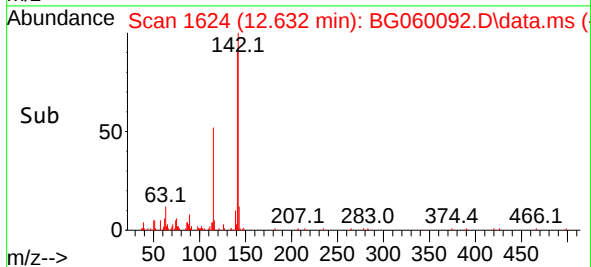
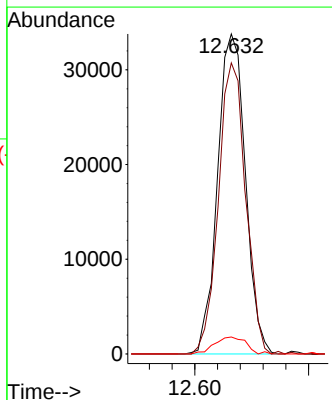
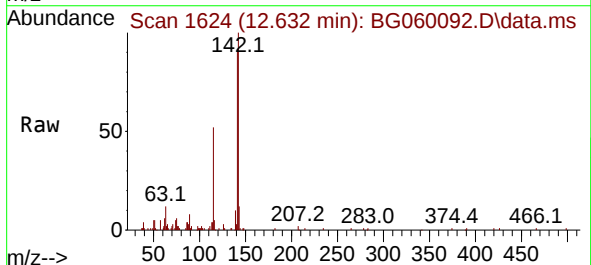
Instrument :
BNA_G
ClientSampleId :
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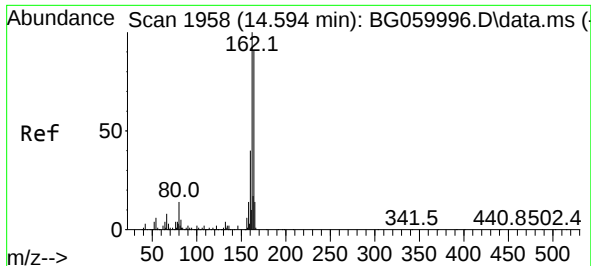
Tgt Ion:142 Resp: 32219
Ion Ratio Lower Upper
142 100
141 75.5 69.9 104.9
115 53.7 36.1 54.1



#38
1-Methylnaphthalene
Concen: 6.816 ng
RT: 12.632 min Scan# 1624
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:142 Resp: 57398
Ion Ratio Lower Upper
142 100
141 90.9 76.9 115.3
116 5.3 3.5 5.3#

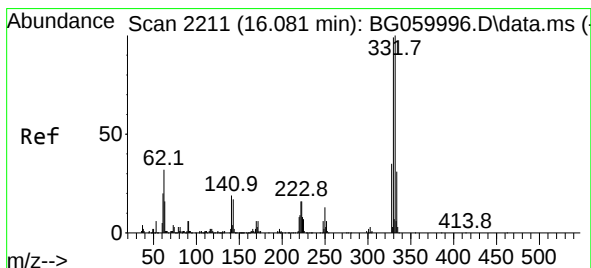
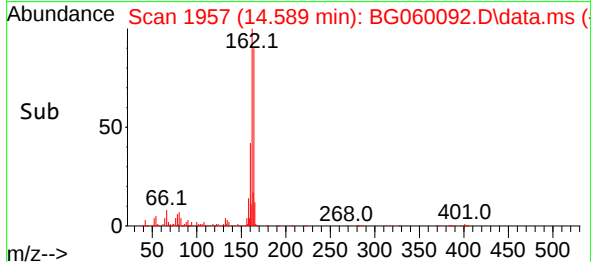
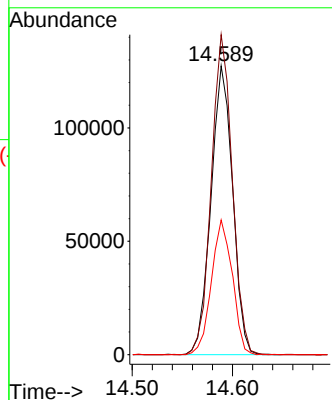
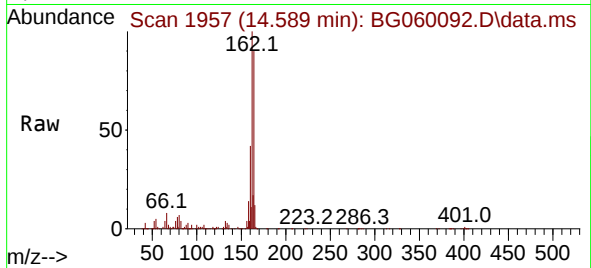




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

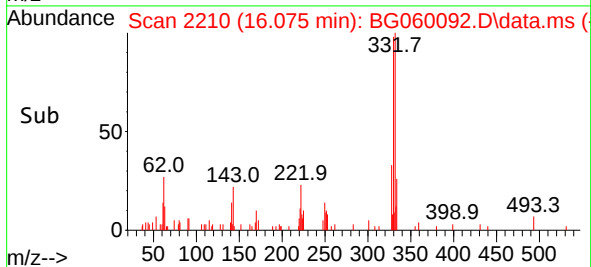
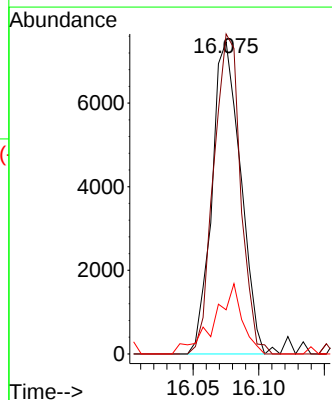
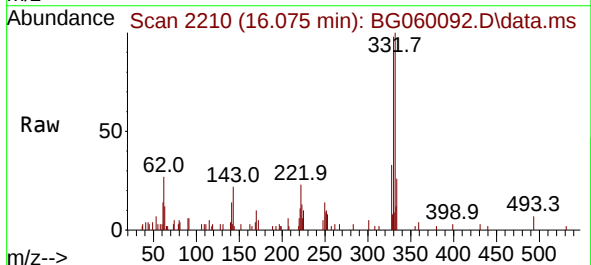
Instrument :
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ClientSampleId :
DUP-01DL2

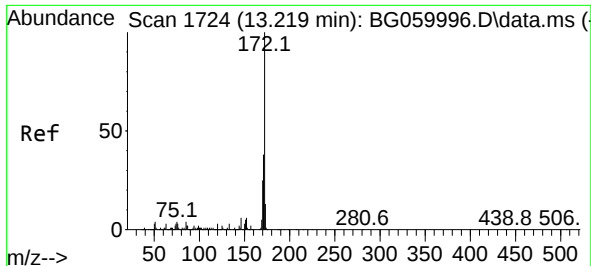
Tgt Ion:164 Resp: 191159
Ion Ratio Lower Upper
164 100
162 110.8 88.1 132.1
160 46.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 2.557 ng
RT: 16.075 min Scan# 2210
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:330 Resp: 11390
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 22.1 14.3 21.5#

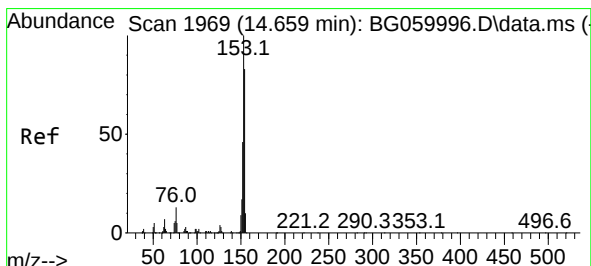
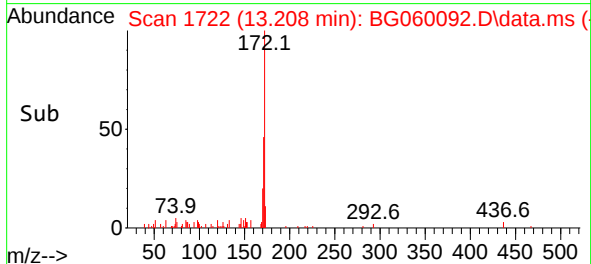
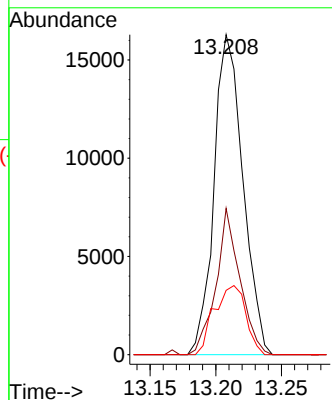
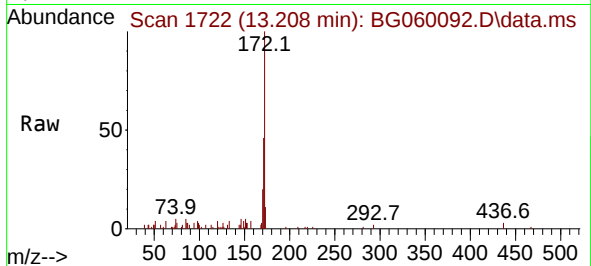




#45
2-Fluorobiphenyl
Concen: 1.598 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

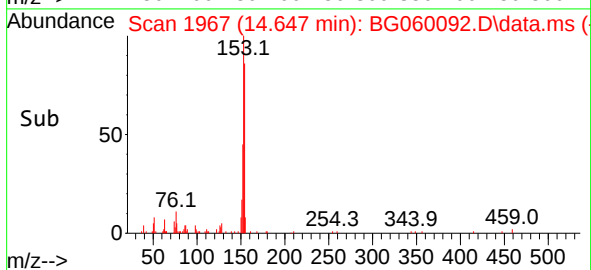
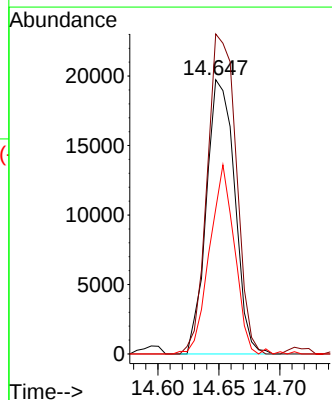
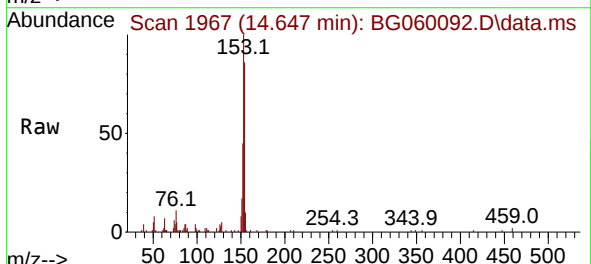
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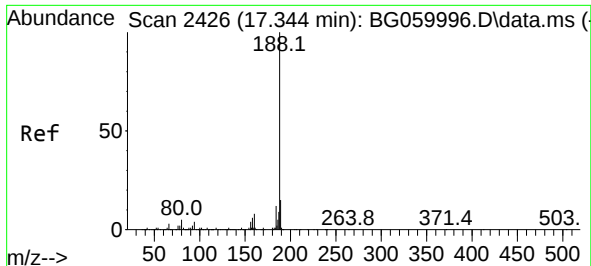
Tgt Ion:172 Resp: 24963
Ion Ratio Lower Upper
172 100
171 45.7 30.1 45.1#
170 20.1 20.0 30.0



#52
Acenaphthene
Concen: 2.755 ng
RT: 14.647 min Scan# 1967
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:154 Resp: 31852
Ion Ratio Lower Upper
154 100
153 116.7 96.0 144.0
152 52.8 44.3 66.5

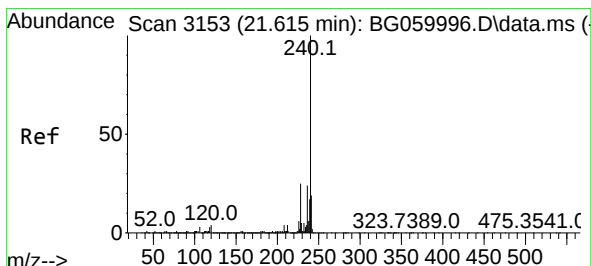
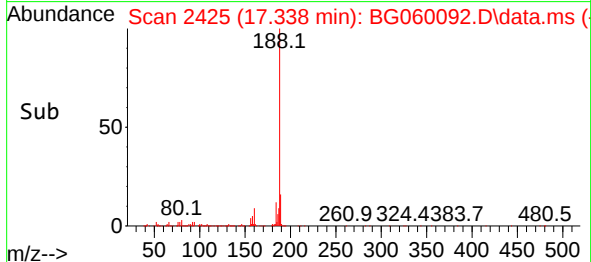
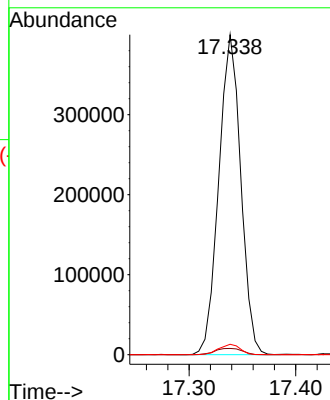
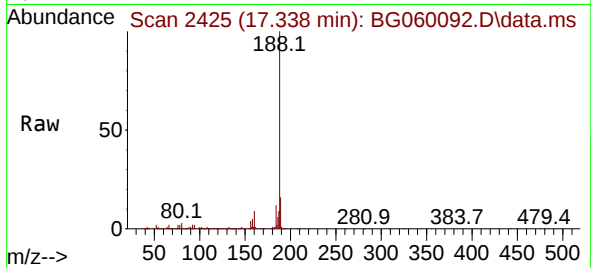




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

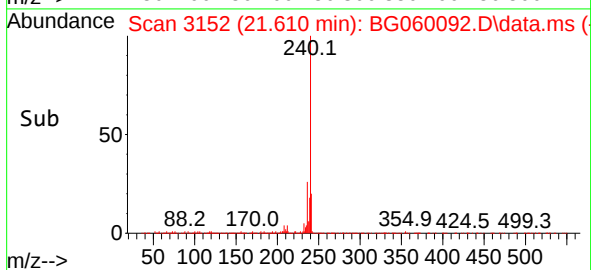
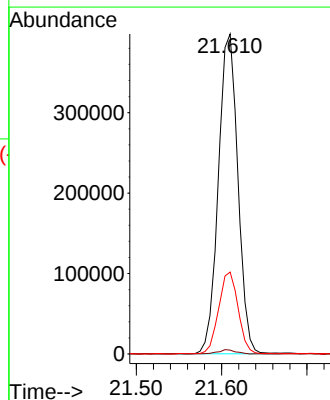
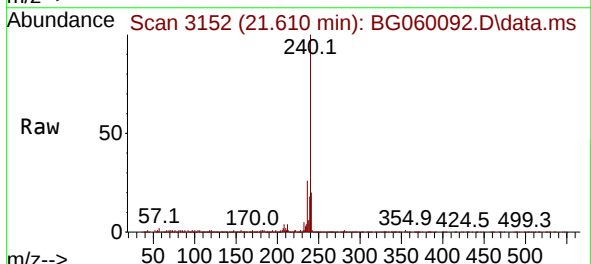
Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

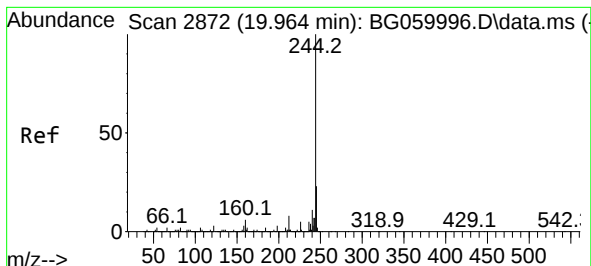
Tgt Ion:188 Resp: 572554
Ion Ratio Lower Upper
188 100
94 2.0 3.0 4.6#
80 3.3 4.0 6.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:240 Resp: 633221
Ion Ratio Lower Upper
240 100
120 1.2 2.9 4.3#
236 25.6 19.4 29.2





#79

Terphenyl-d14

Concen: 2.189 ng

RT: 19.959 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060092.D

Acq: 19 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

DUP-01DL2

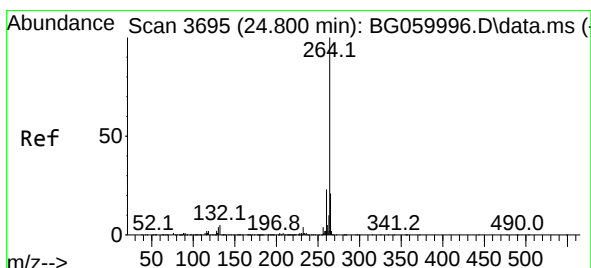
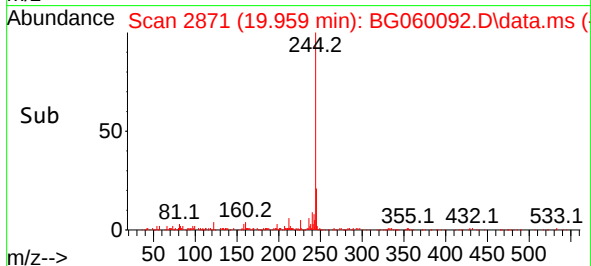
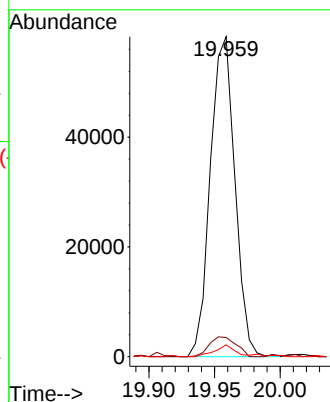
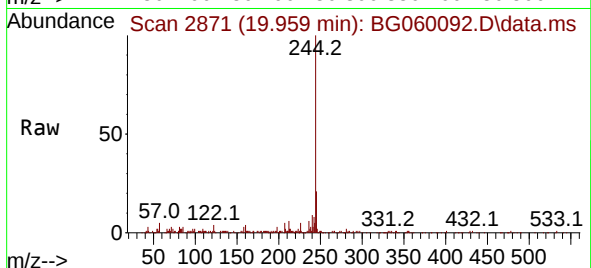
Tgt Ion:244 Resp: 75929

Ion Ratio Lower Upper

244 100

212 6.0 6.8 10.2#

122 3.7 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.800 min Scan# 3695

Delta R.T. -0.015 min

Lab File: BG060092.D

Acq: 19 Dec 2023 19:29

Tgt Ion:264 Resp: 738127

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.2 17.3 25.9

