

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060036.D
 Acq On : 15 Dec 2023 15:10
 Operator : MA/JU
 Sample : 05791-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-U-DD

Quant Time: Dec 15 16:10:13 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)

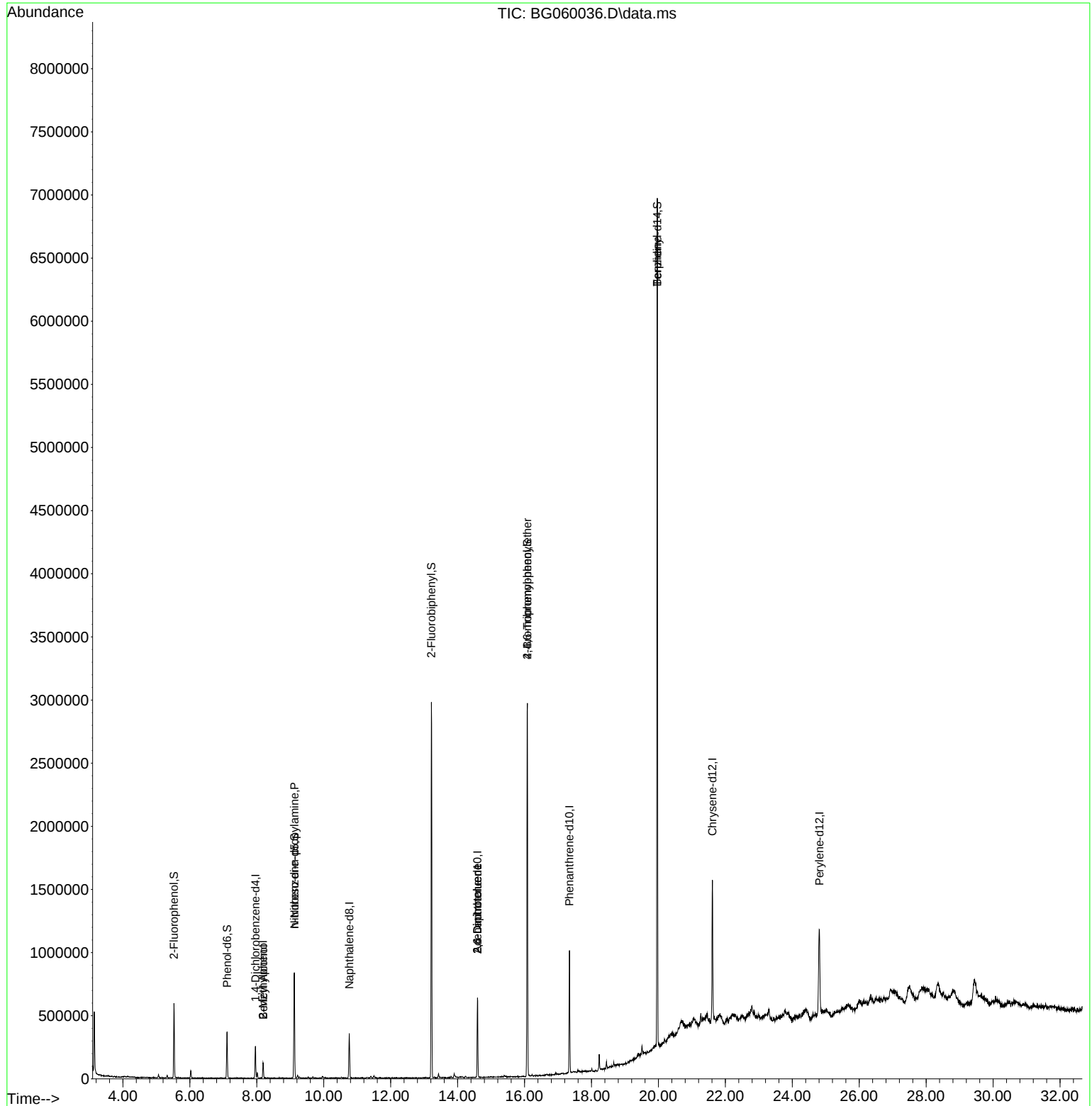
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	66730	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	269001	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	227869	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	653694	20.000	ng	0.00
76) Chrysene-d12	21.614	240	736200	20.000	ng	0.00
86) Perylene-d12	24.810	264	839414	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	216760	55.606	ng	0.00
7) Phenol-d6	7.113	99	182088	33.208	ng	0.00
23) Nitrobenzene-d5	9.123	82	482883	81.512	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	725405	136.601	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1632996	87.709	ng	0.00
79) Terphenyl-d14	19.969	244	3640146	90.272	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.194	79	43450	9.859	ng	87
17) 2-Methylphenol	8.188	107	20422	5.561	ng	# 1
19) n-Nitroso-di-n-propyla...	9.123	70	66399	18.769	ng	# 72
51) 2,6-Dinitrotoluene	14.593	165	32538	8.881	ng	# 25
57) 2,4-Dinitrotoluene	14.593	165	32538	6.317	ng	# 28
67) 4-Bromophenyl-phenylether	16.085	248	44785	4.856	ng	# 1
69) Atrazine	16.802	200	256	Below Cal		71
77) Benzidine	19.969	184	59119	6.252	ng	# 87

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

Quant Time: Dec 15 16:10:13 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

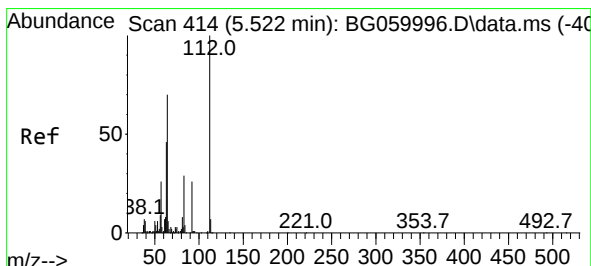
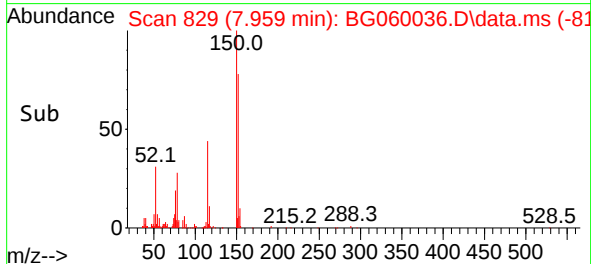
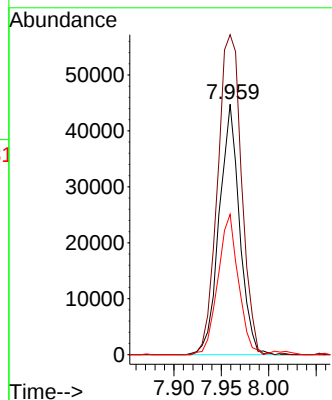
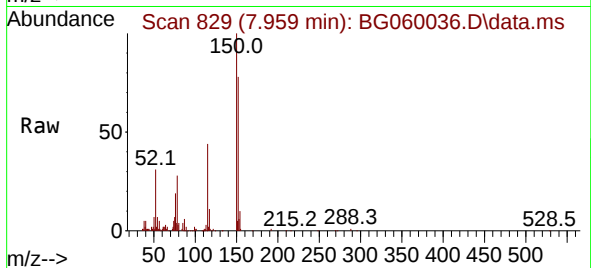




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

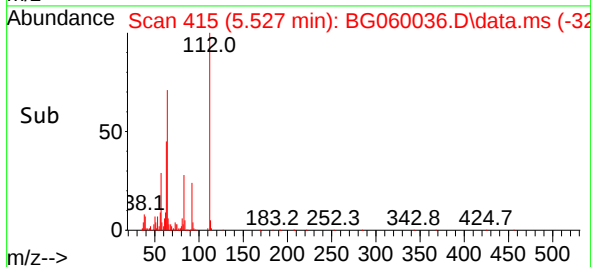
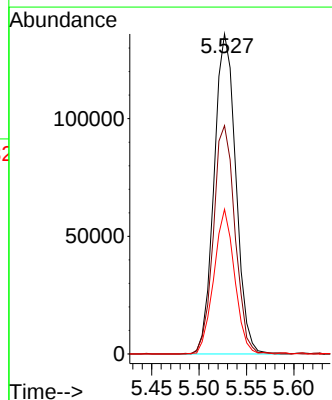
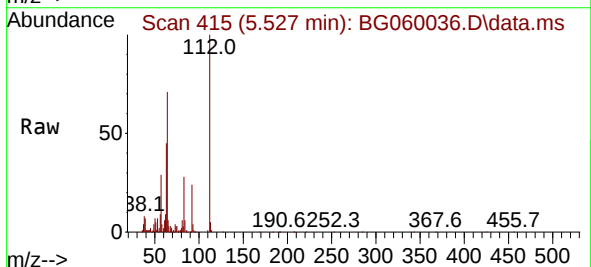
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

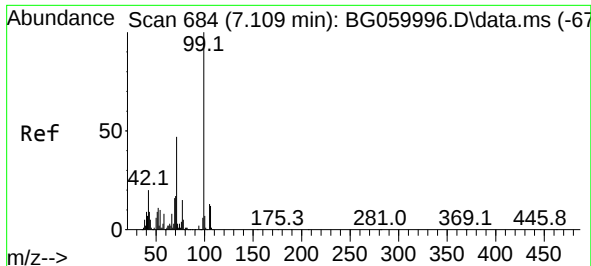
Tgt Ion:152 Resp: 66730
Ion Ratio Lower Upper
152 100
150 127.8 127.0 190.6
115 56.0 45.7 68.5



#5
2-Fluorophenol
Concen: 55.606 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:112 Resp: 216760
Ion Ratio Lower Upper
112 100
64 71.4 55.9 83.9
63 45.2 36.5 54.7

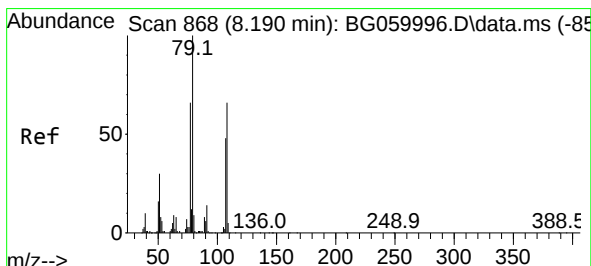
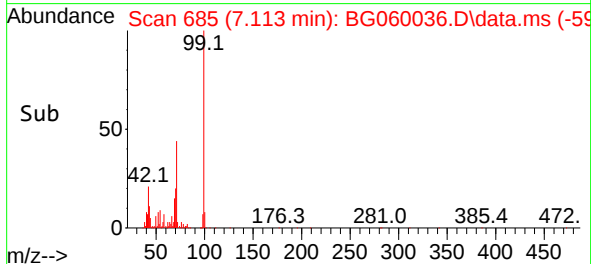
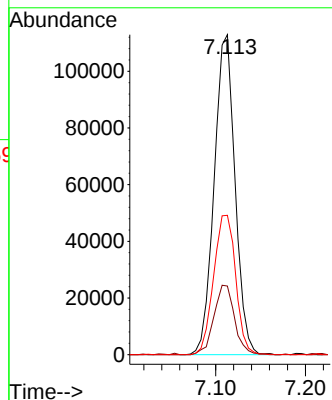
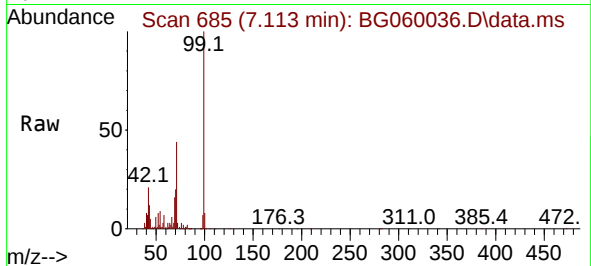




#7
Phenol-d6
Concen: 33.208 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

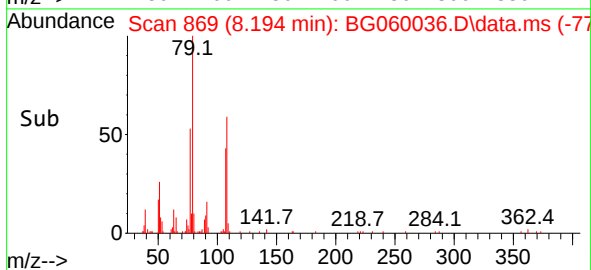
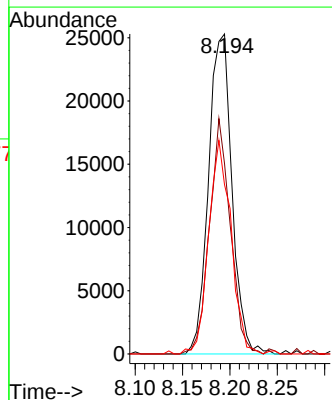
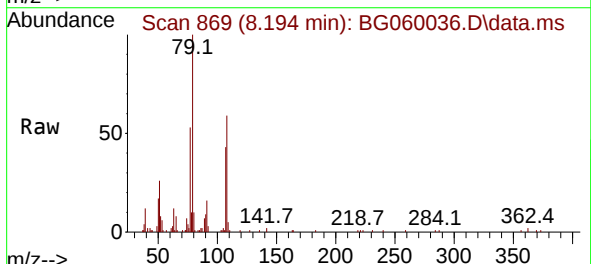
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

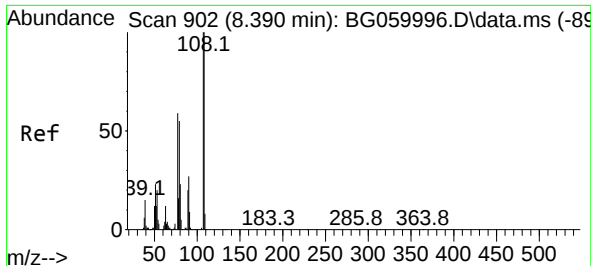
Tgt Ion: 99 Resp: 182088
Ion Ratio Lower Upper
99 100
42 21.5 16.2 24.4
71 43.6 37.6 56.4



#15
Benzyl Alcohol
Concen: 9.859 ng
RT: 8.194 min Scan# 869
Delta R.T. 0.004 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion: 79 Resp: 43450
Ion Ratio Lower Upper
79 100
108 59.5 53.1 79.7
77 52.9 52.8 79.2

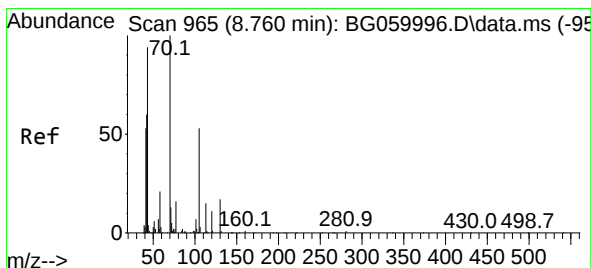
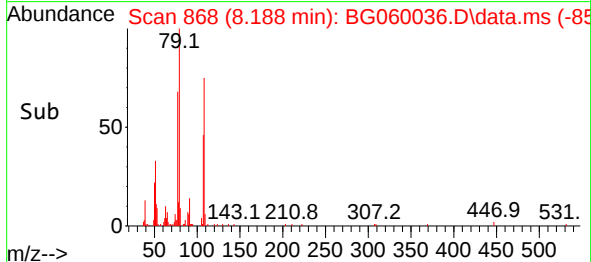
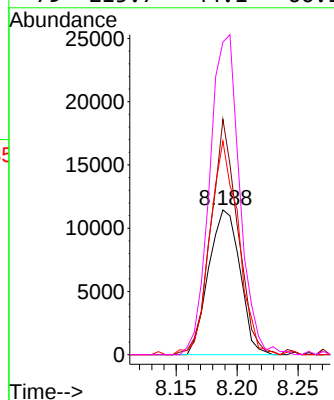
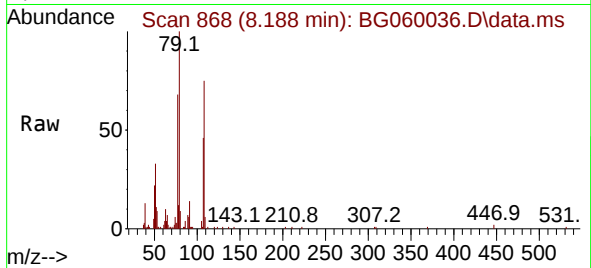




#17
2-Methylphenol
Concen: 5.561 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.201 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

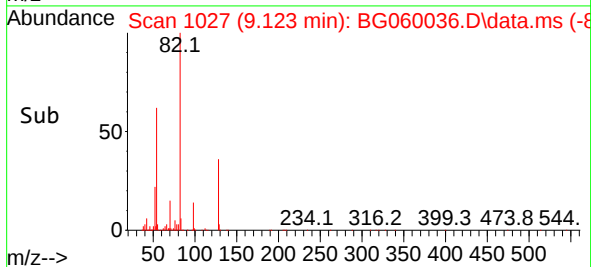
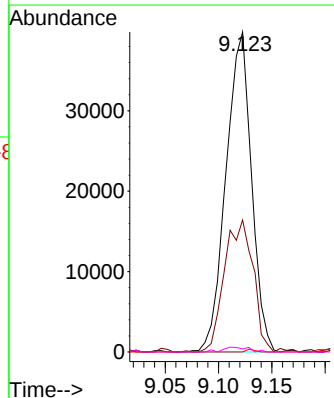
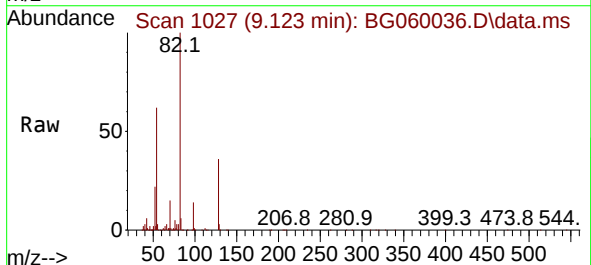
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

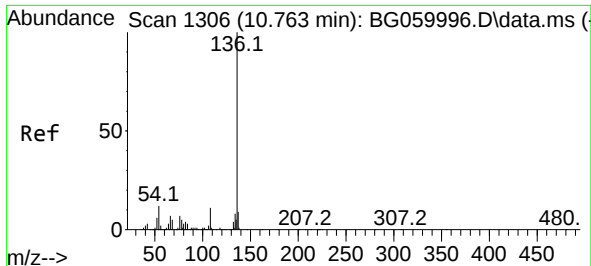
Tgt Ion:	107	Resp:	20422
Ion	Ratio	Lower	Upper
107	100		
108	162.5	80.7	121.1#
77	147.4	47.8	71.6#
79	215.7	44.1	66.1#



#19
n-Nitroso-di-n-propylamine
Concen: 18.769 ng
RT: 9.123 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:	70	Resp:	66399
Ion	Ratio	Lower	Upper
70	100		
42	41.2	48.6	73.0#
101	0.0	5.7	8.5#
130	0.9	13.6	20.4#

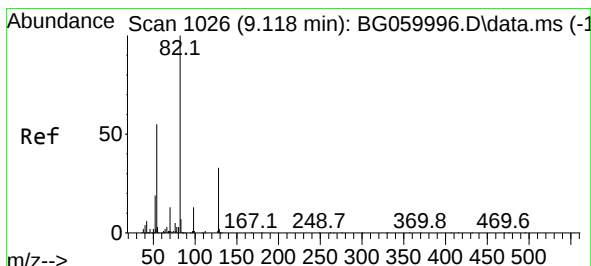
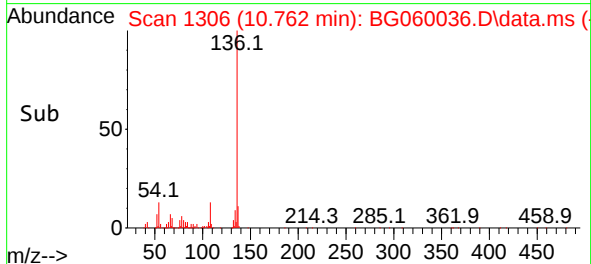
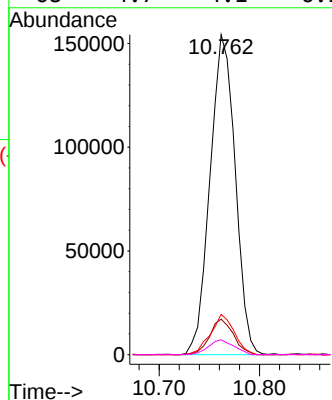
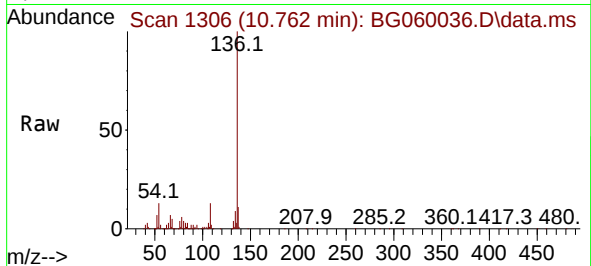




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

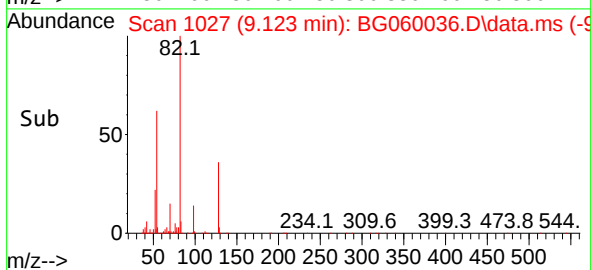
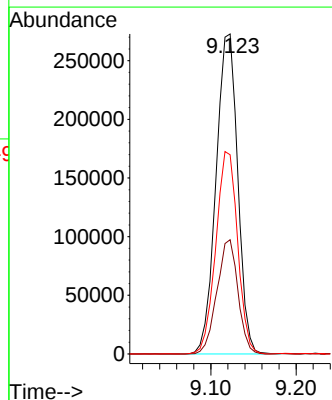
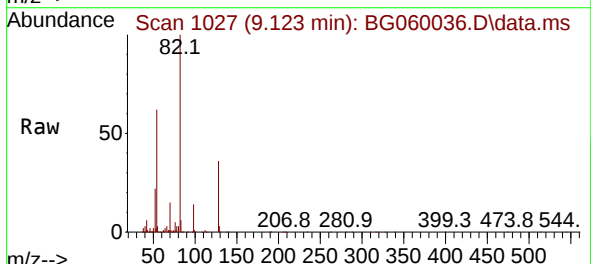
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

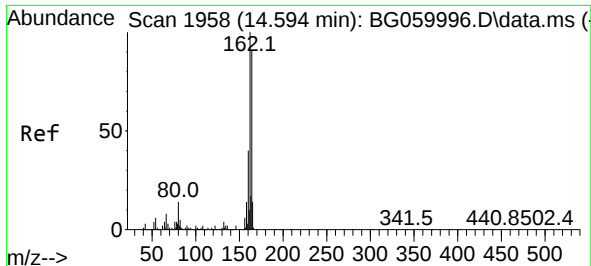
Tgt Ion:136	Resp: 269001
Ion Ratio	Lower Upper
136	100
137	11.1 7.3 10.9#
54	12.6 9.6 14.4
68	4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 81.512 ng
RT: 9.123 min Scan# 1027
Delta R.T. 0.004 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion: 82	Resp: 482883
Ion Ratio	Lower Upper
82	100
128	35.7 26.3 39.5
54	62.3 44.3 66.5

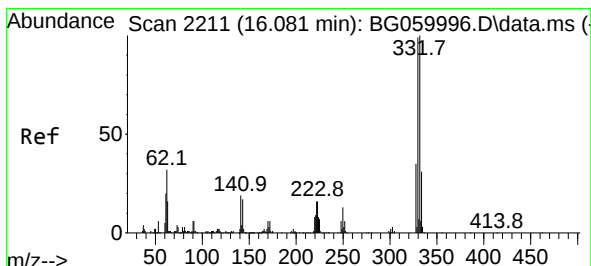
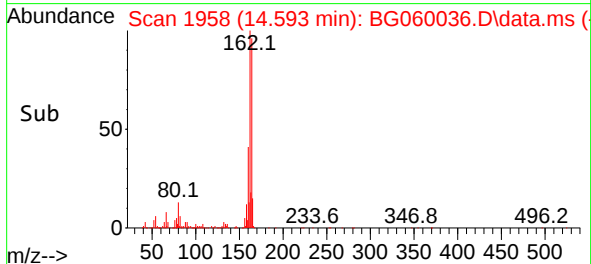
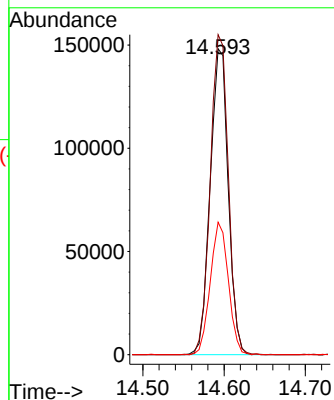
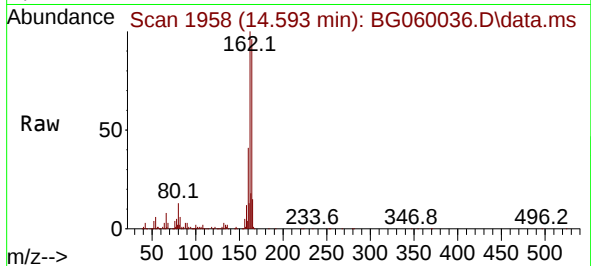




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

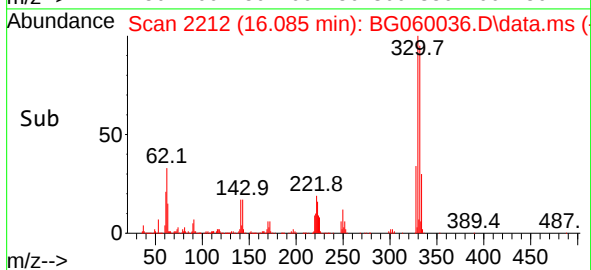
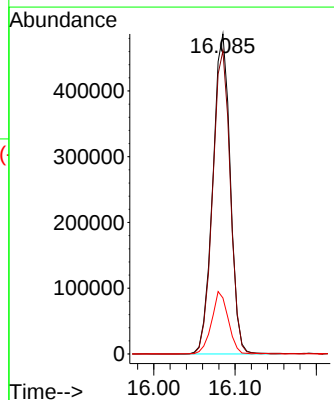
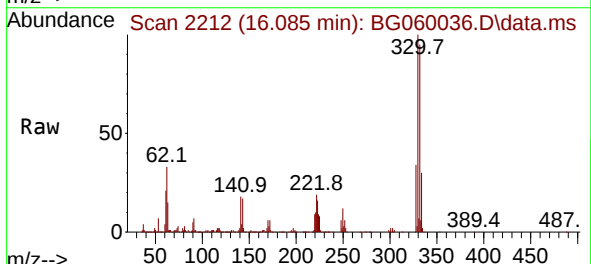
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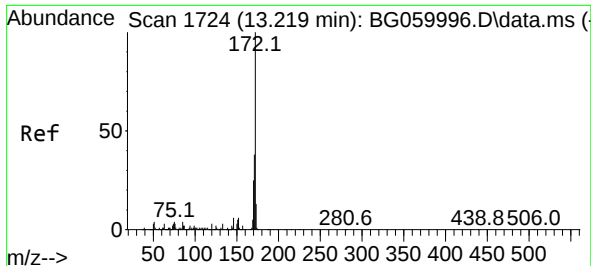
Tgt Ion:164 Resp: 227869
Ion Ratio Lower Upper
164 100
162 104.6 88.1 132.1
160 43.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 136.601 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:330 Resp: 725405
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 18.6 14.3 21.5

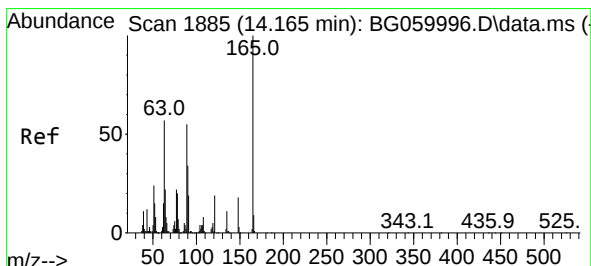
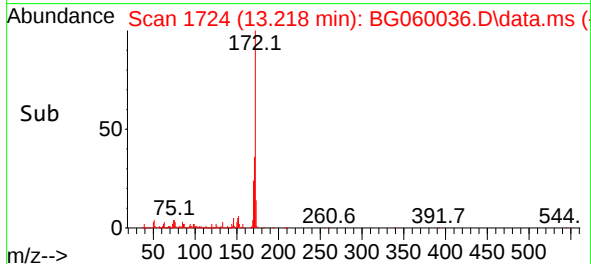
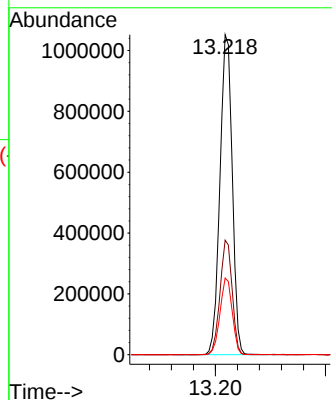
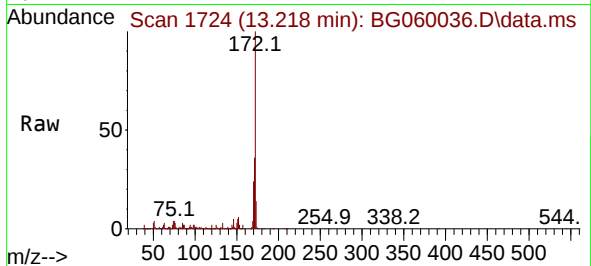




#45
2-Fluorobiphenyl
Concen: 87.709 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

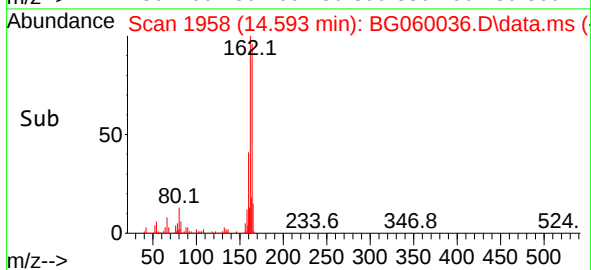
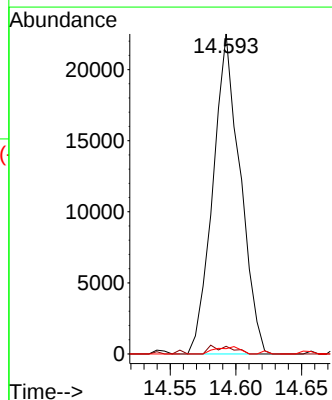
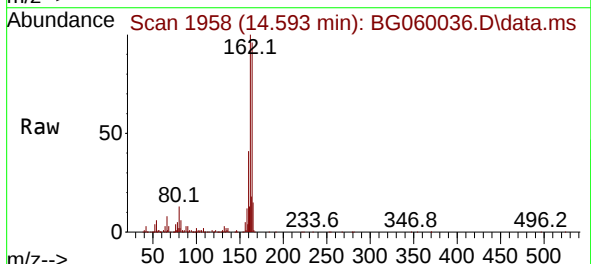
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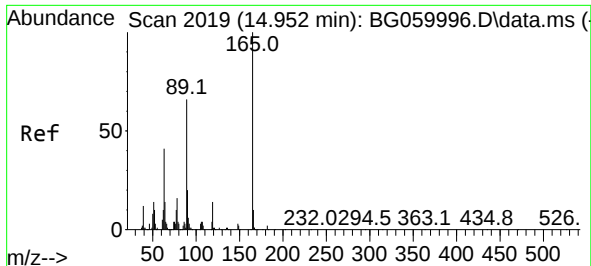
Tgt Ion:172 Resp: 1632996
Ion Ratio Lower Upper
172 100
171 35.8 30.1 45.1
170 24.0 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.881 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.427 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:165 Resp: 32538
Ion Ratio Lower Upper
165 100
63 2.4 48.2 72.2#
89 1.7 44.4 66.6#

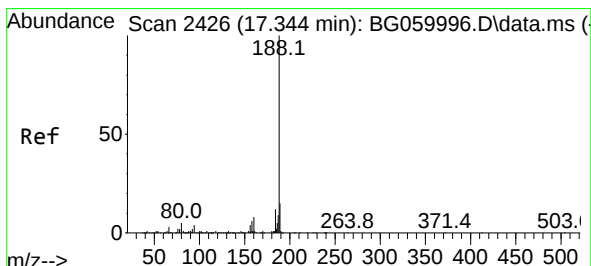
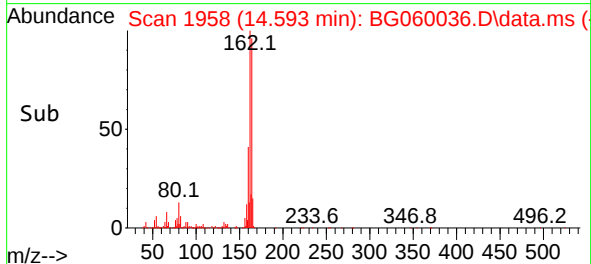
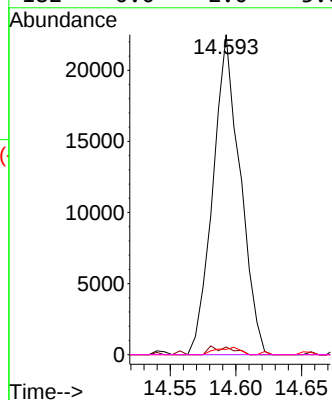
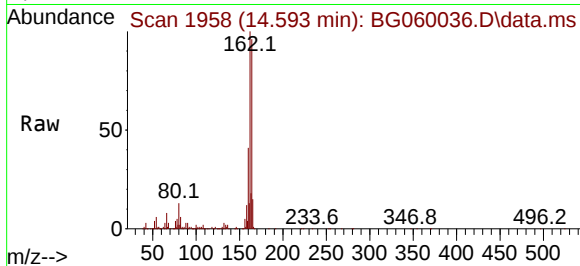




#57
2,4-Dinitrotoluene
Concen: 6.317 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.360 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

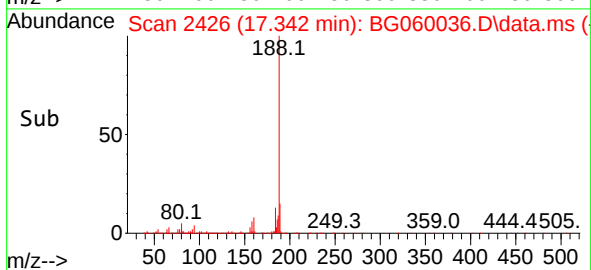
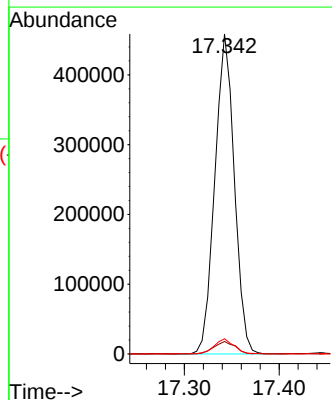
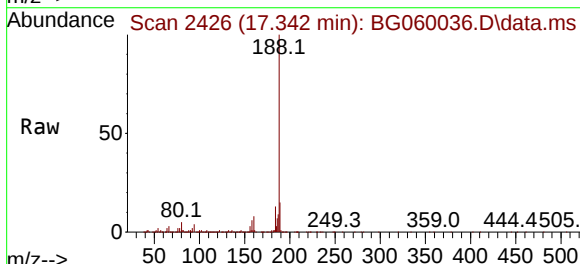
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

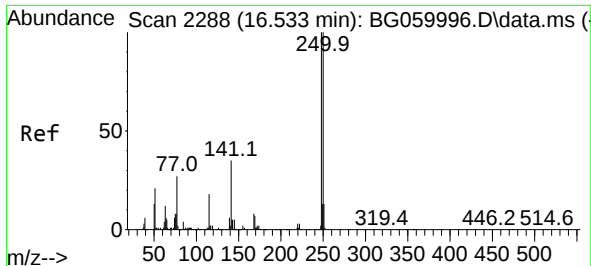
Tgt Ion:	165	Resp:	32538
Ion Ratio	Lower	Upper	
165	100		
63	2.4	32.8	49.2#
89	1.7	53.0	79.6#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:	188	Resp:	653694
Ion Ratio	Lower	Upper	
188	100		
94	3.9	3.0	4.6
80	4.7	4.0	6.0

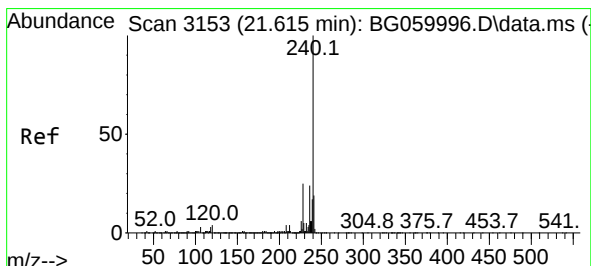
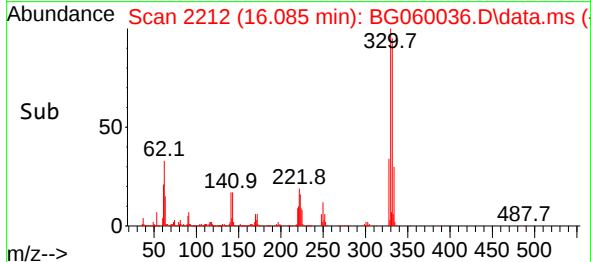
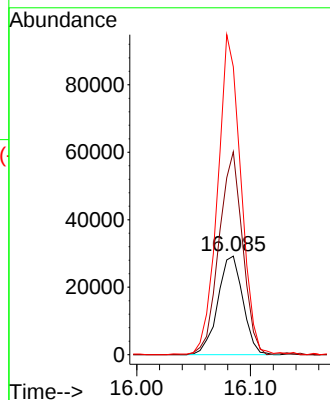
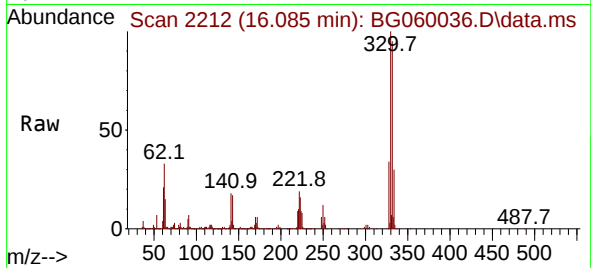




#67
4-Bromophenyl-phenylether
Concen: 4.856 ng
RT: 16.085 min Scan# 211
Delta R.T. -0.448 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

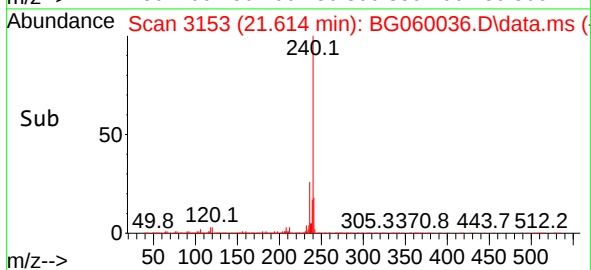
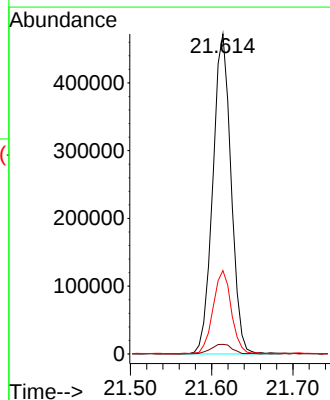
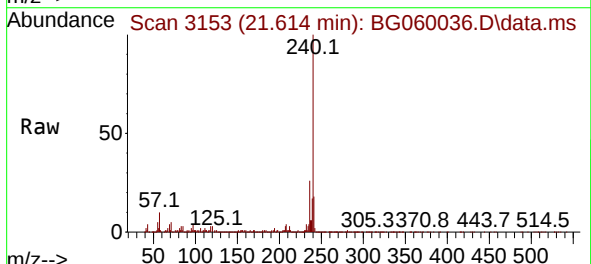
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

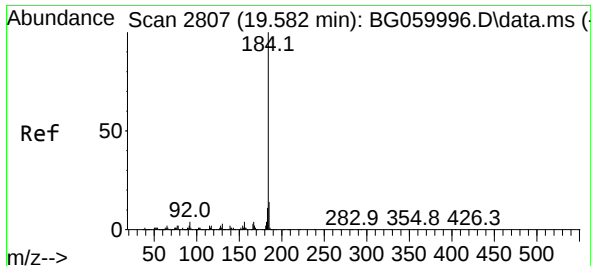
Tgt Ion:248 Resp: 44785
Ion Ratio Lower Upper
248 100
250 205.8 79.9 119.9#
141 292.0 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:240 Resp: 736200
Ion Ratio Lower Upper
240 100
120 3.0 2.9 4.3
236 26.1 19.4 29.2

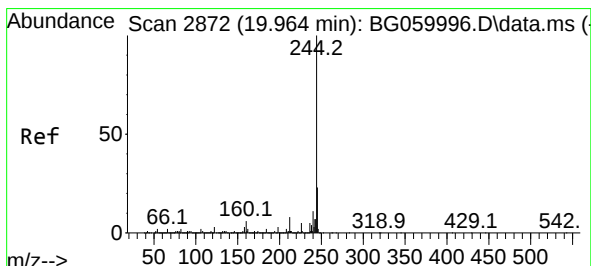
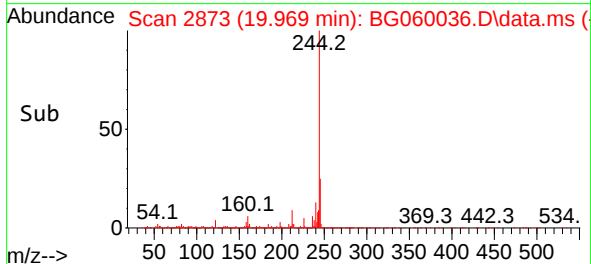
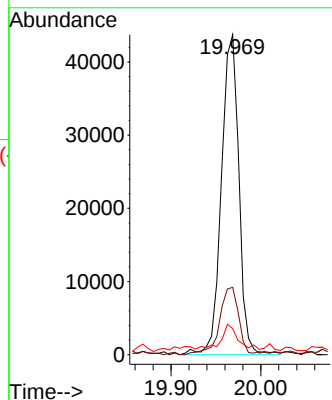
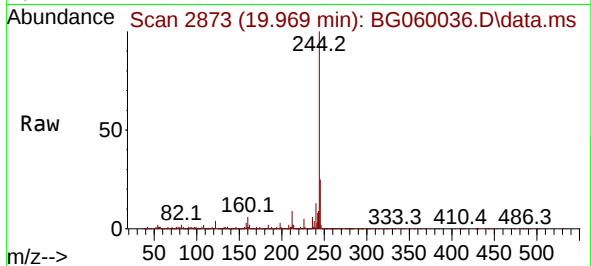




#77
Benzidine
Concen: 6.252 ng
RT: 19.969 min Scan# 2873
Delta R.T. 0.386 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

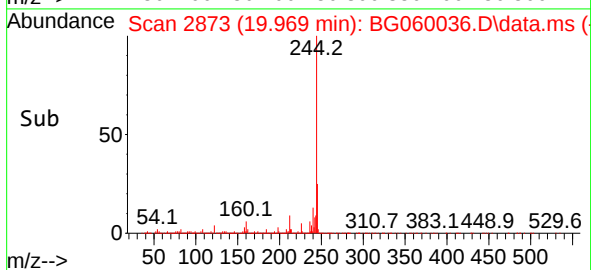
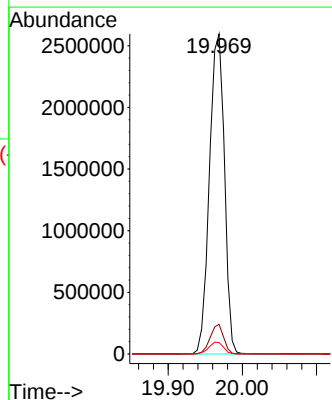
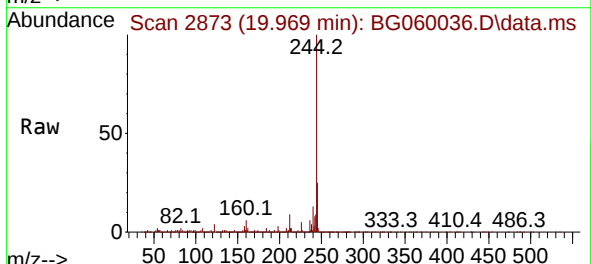
Instrument :
BNA_G
ClientSampleId :
MW-1B-U-DD

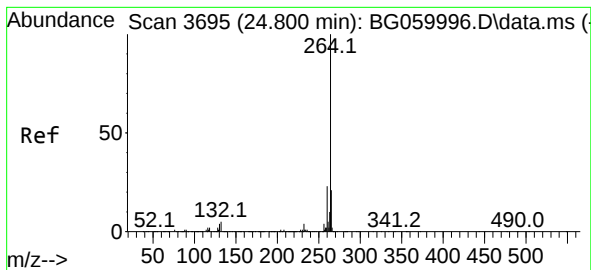
Tgt Ion:184 Resp: 59119
Ion Ratio Lower Upper
184 100
185 21.0 11.1 16.7#
183 8.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 90.272 ng
RT: 19.969 min Scan# 2873
Delta R.T. 0.004 min
Lab File: BG060036.D
Acq: 15 Dec 2023 15:10

Tgt Ion:244 Resp: 3640146
Ion Ratio Lower Upper
244 100
212 9.2 6.8 10.2
122 3.5 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. 0.010 min
 Lab File: BG060036.D
 Acq: 15 Dec 2023 15:10

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-U-DD

Tgt Ion:264 Resp: 839414

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	20.9	17.3	25.9

