

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053843.D
 Acq On : 7 Jun 2022 19:01
 Operator : CG/JU
 Sample : N3202-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: Jun 08 02:51:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

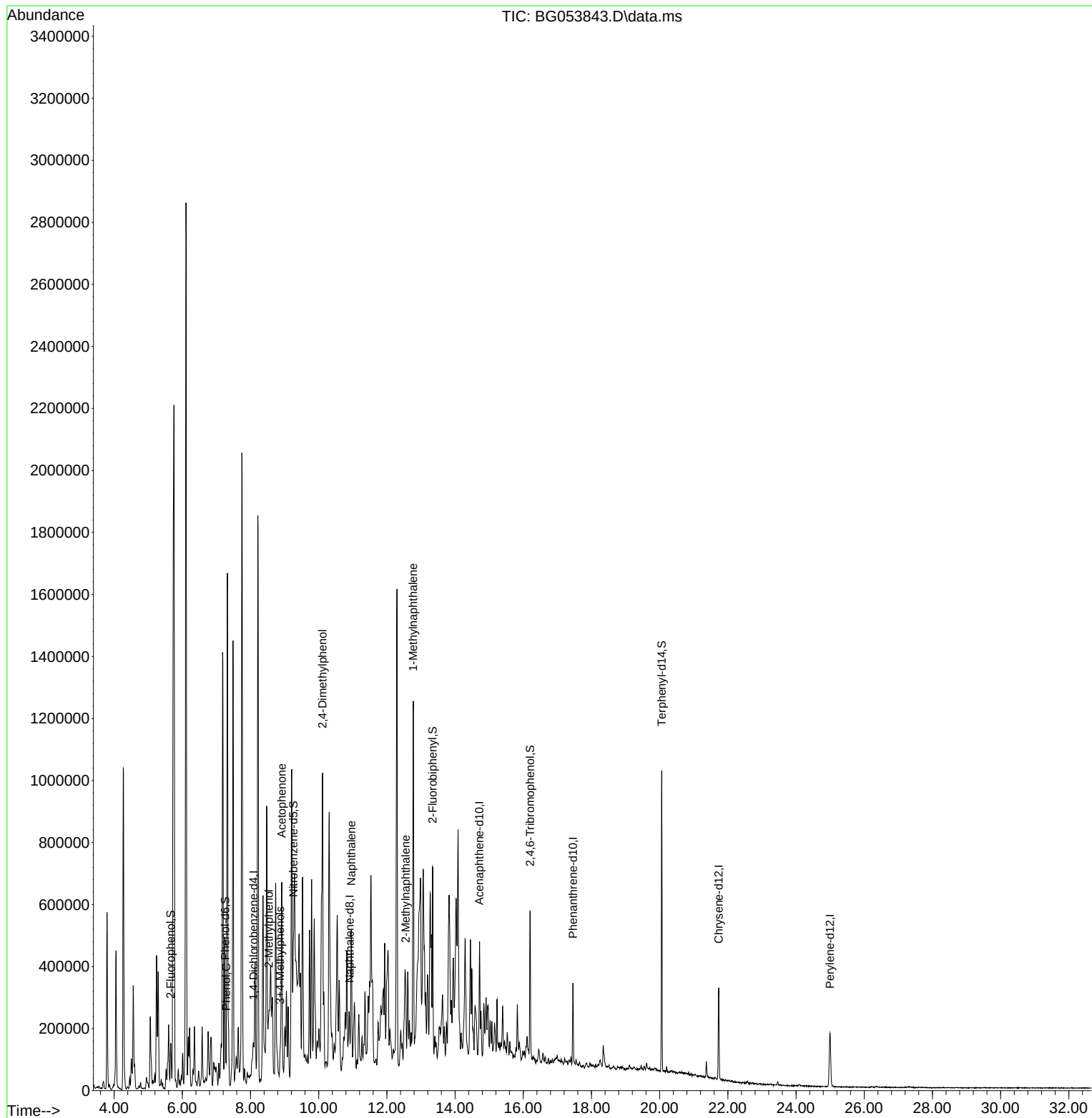
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	23918	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	100718	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	78734	20.000	ng	# 0.00
64) Phenanthrene-d10	17.459	188	186119	20.000	ng	0.00
76) Chrysene-d12	21.731	240	200072	20.000	ng	0.00
86) Perylene-d12	24.997	264	209510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	57718	44.314	ng	0.00
7) Phenol-d6	7.259	99	47463	26.901	ng	0.02
23) Nitrobenzene-d5	9.257	82	119667	78.023	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	115613	120.970	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	346053	65.753	ng	0.00
79) Terphenyl-d14	20.062	244	537343	53.430	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.289	94	9922	5.442	ng	90
17) 2-Methylphenol	8.540	107	12704	10.194	ng	93
20) 3+4-Methylphenols	8.869	107	35937	21.225	ng	91
22) Acetophenone	8.916	105	403570	162.270	ng	# 91
27) 2,4-Dimethylphenol	10.115	122	438540	354.858	ng	# 82
31) Naphthalene	10.955	128	280113	54.341	ng	98
37) 2-Methylnaphthalene	12.553	142	95287	25.481	ng	97
38) 1-Methylnaphthalene	12.771	142	74086	20.259	ng	# 97

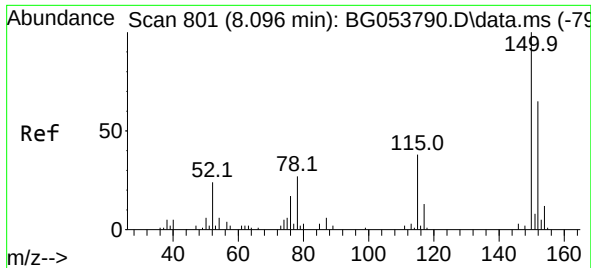
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
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Misc :
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QLast Update : Thu Jun 02 23:22:27 2022
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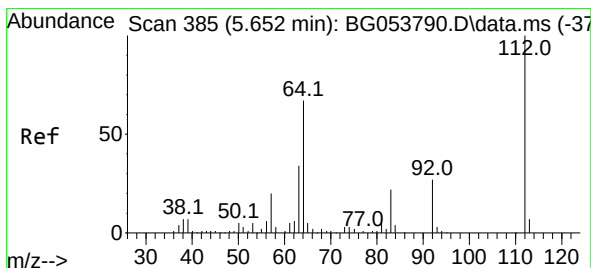
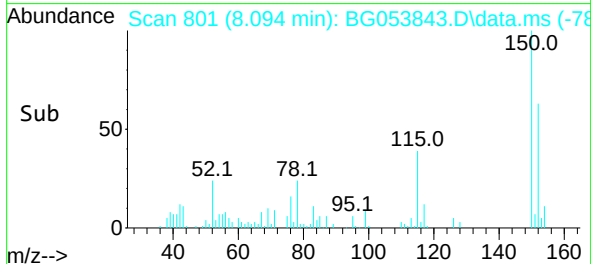
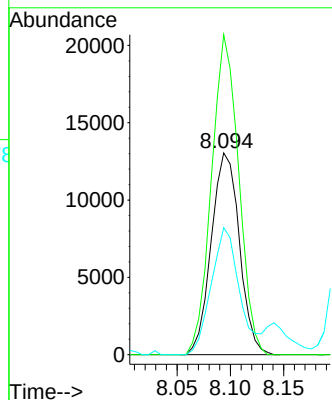
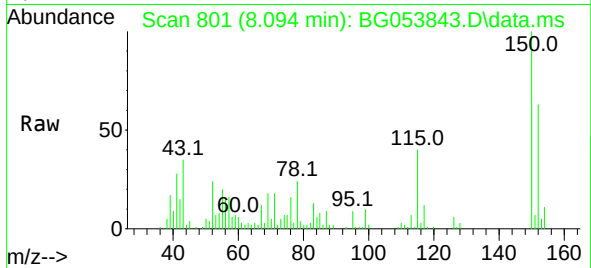




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

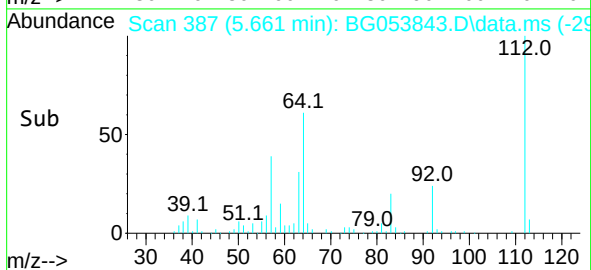
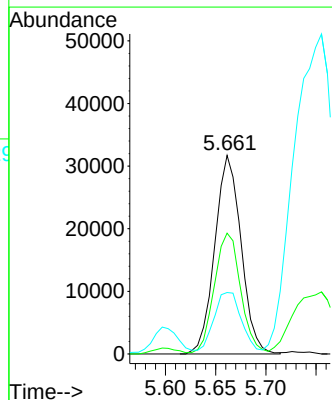
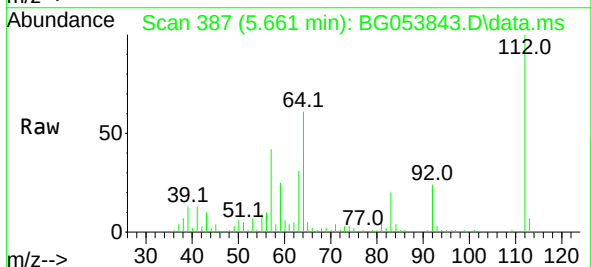
Instrument :
BNA_G
ClientSampleId :
MW-28

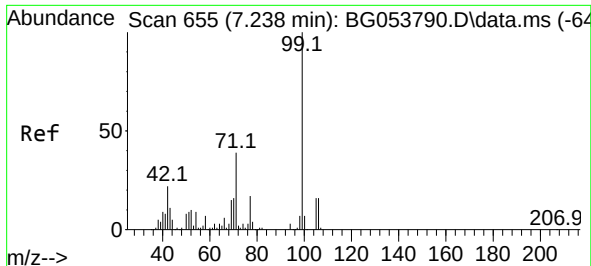
Tgt Ion:152 Resp: 23918
Ion Ratio Lower Upper
152 100
150 158.6 131.6 197.4
115 63.0 50.9 76.3



#5
2-Fluorophenol
Concen: 44.314 ng
RT: 5.661 min Scan# 387
Delta R.T. 0.009 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion:112 Resp: 57718
Ion Ratio Lower Upper
112 100
64 60.8 55.1 82.7
63 31.0 30.4 45.6

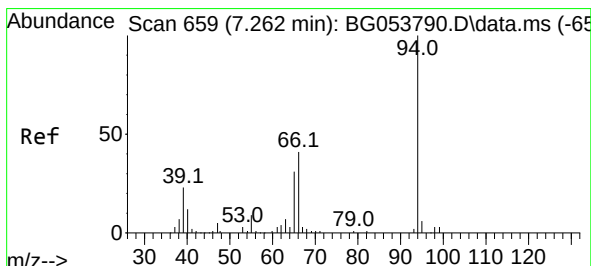
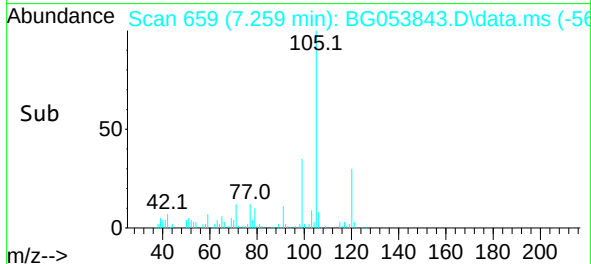
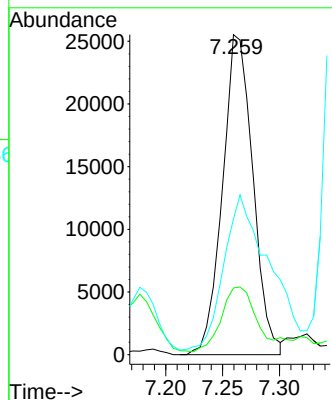
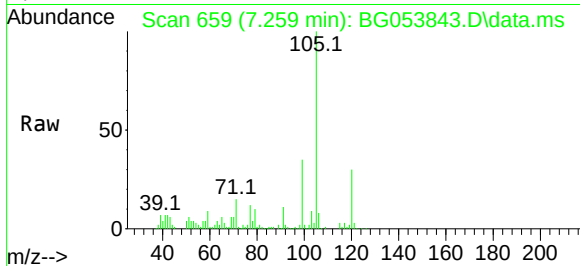




#7
Phenol-d6
Concen: 26.901 ng
RT: 7.259 min Scan# 611
Delta R.T. 0.021 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

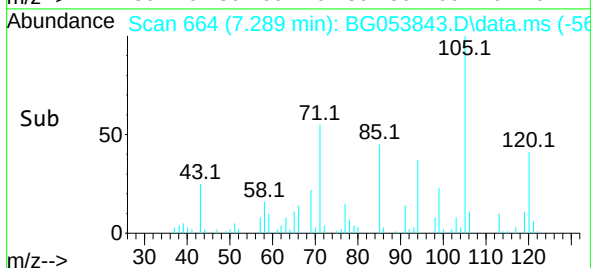
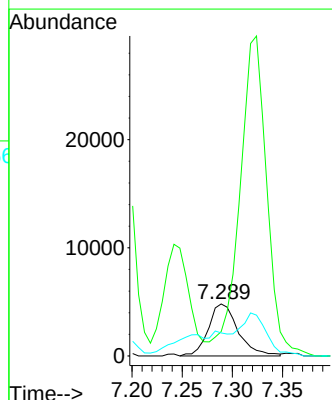
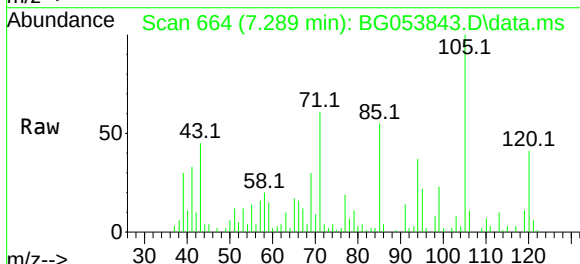
Instrument :
BNA_G
ClientSampleId :
MW-28

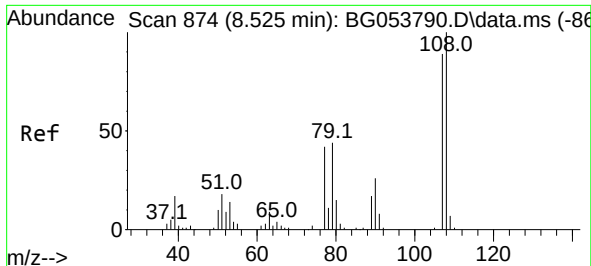
Tgt Ion: 99 Resp: 47463
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.5 33.8 50.8



#10
Phenol
Concen: 5.442 ng
RT: 7.289 min Scan# 664
Delta R.T. 0.027 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion: 94 Resp: 9922
Ion Ratio Lower Upper
94 100
65 46.7 14.8 54.8
66 44.3 25.2 65.2

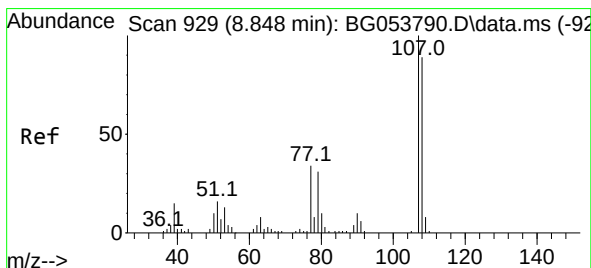
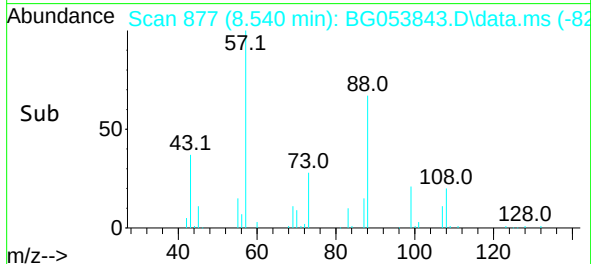
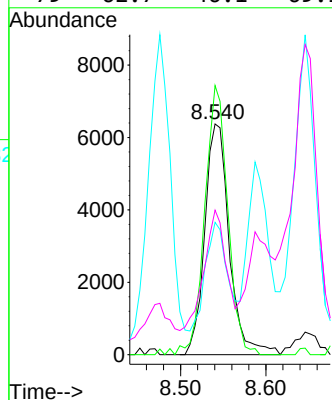
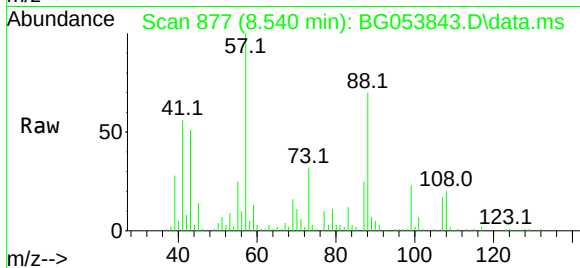




#17
2-Methylphenol
Concen: 10.194 ng
RT: 8.540 min Scan# 81
Delta R.T. 0.015 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

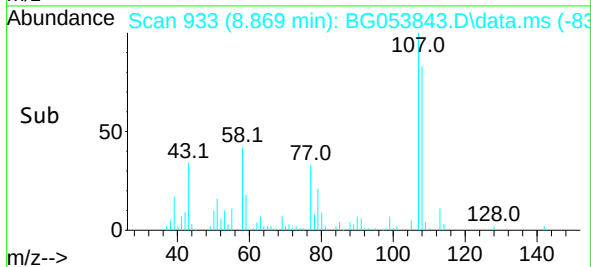
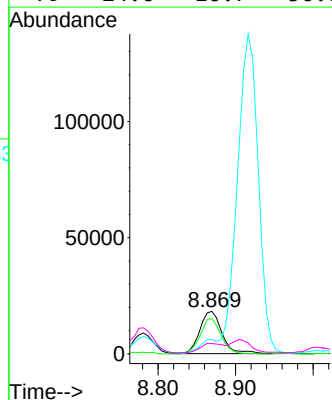
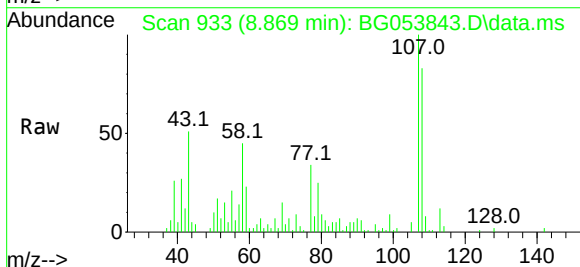
Instrument :
BNA_G
ClientSampleId :
MW-28

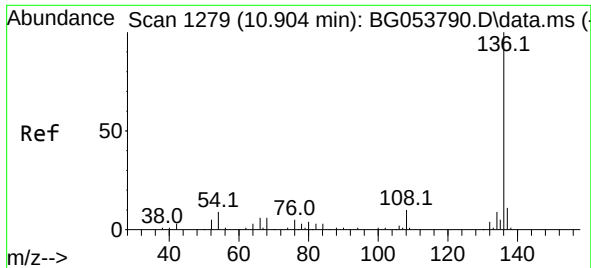
Tgt Ion:107 Resp: 12704
Ion Ratio Lower Upper
107 100
108 116.7 85.4 128.0
77 57.4 46.2 69.2
79 62.7 46.1 69.1



#20
3+4-Methylphenols
Concen: 21.225 ng
RT: 8.869 min Scan# 933
Delta R.T. 0.021 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion:107 Resp: 35937
Ion Ratio Lower Upper
107 100
108 83.3 67.5 107.5
77 34.1 20.3 60.3
79 24.6 16.7 56.7

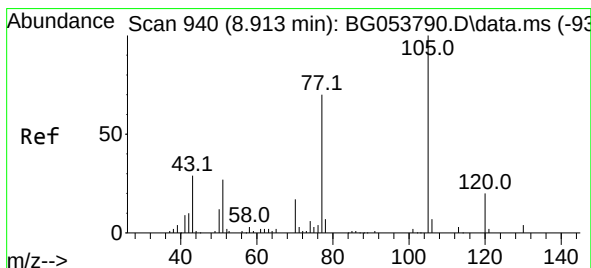
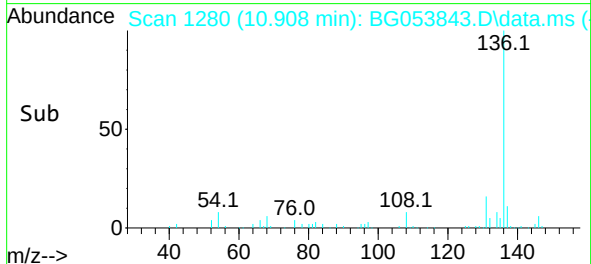
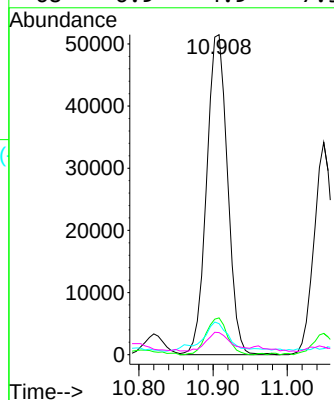
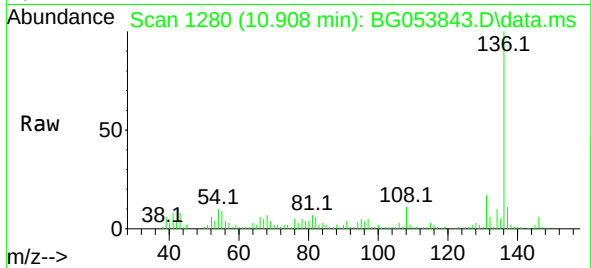




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

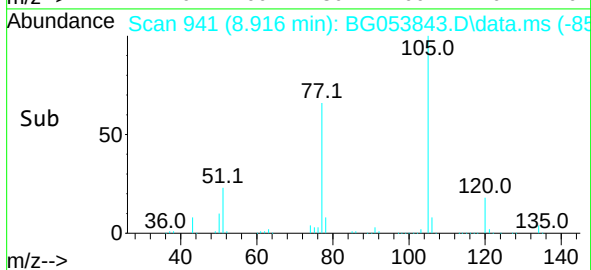
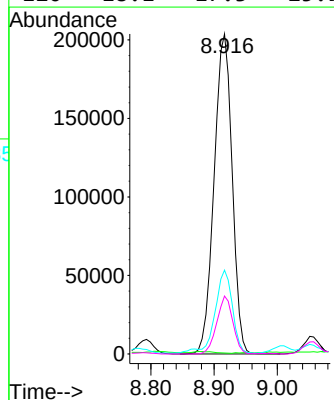
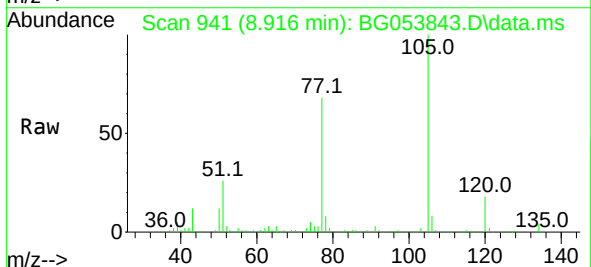
Instrument :
BNA_G
ClientSampleId :
MW-28

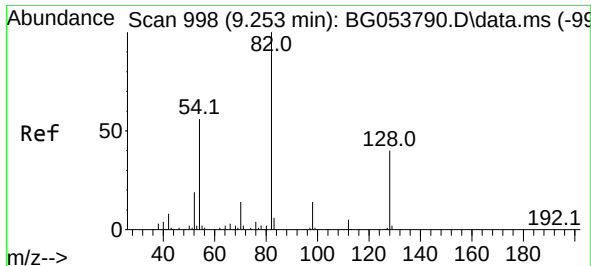
Tgt Ion:136 Resp: 100718
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 9.7 7.4 11.2
68 6.9 4.9 7.3



#22
Acetophenone
Concen: 162.270 ng
RT: 8.916 min Scan# 941
Delta R.T. 0.003 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion:105 Resp: 403570
Ion Ratio Lower Upper
105 100
71 0.3 1.1 1.7#
51 26.2 25.4 38.0
120 18.1 17.3 25.9

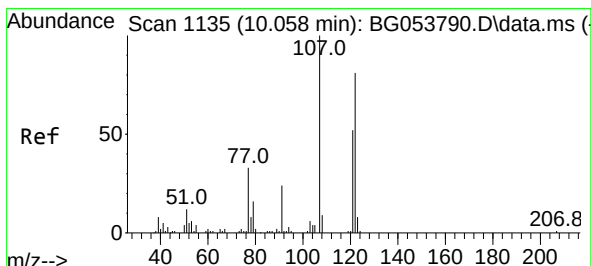
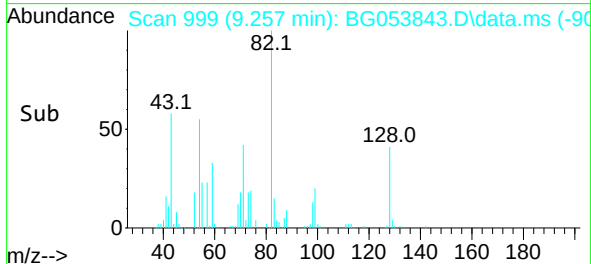
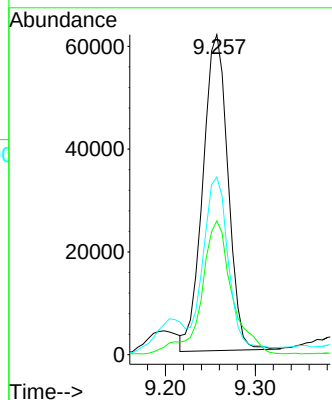
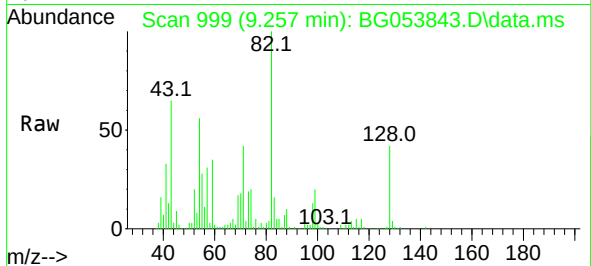




#23
 Nitrobenzene-d5
 Concen: 78.023 ng
 RT: 9.257 min Scan# 998
 Delta R.T. 0.004 min
 Lab File: BG053843.D
 Acq: 7 Jun 2022 19:01

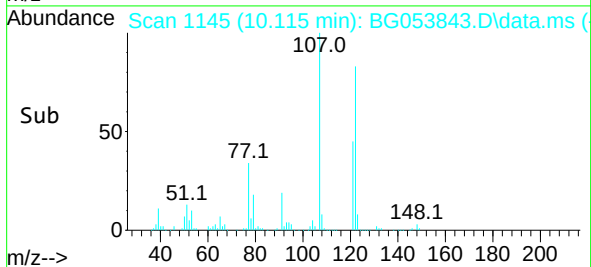
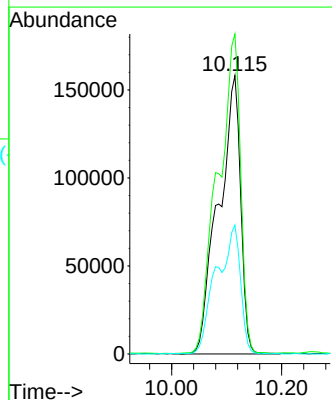
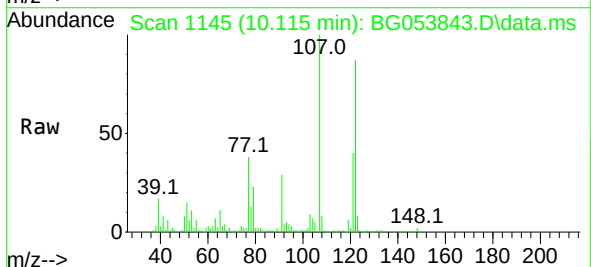
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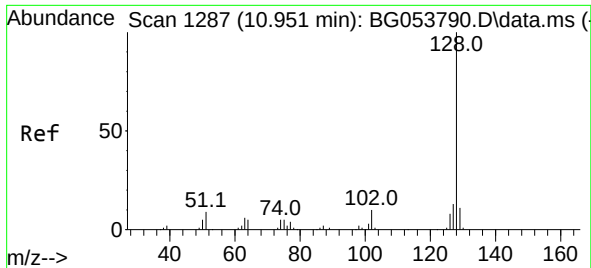
Tgt Ion: 82 Resp: 119667
 Ion Ratio Lower Upper
 82 100
 128 41.8 27.9 41.9
 54 55.6 41.2 61.8



#27
 2,4-Dimethylphenol
 Concen: 354.858 ng
 RT: 10.115 min Scan# 1145
 Delta R.T. 0.057 min
 Lab File: BG053843.D
 Acq: 7 Jun 2022 19:01

Tgt Ion: 122 Resp: 438540
 Ion Ratio Lower Upper
 122 100
 107 114.9 109.4 164.0
 121 46.3 48.7 73.1#

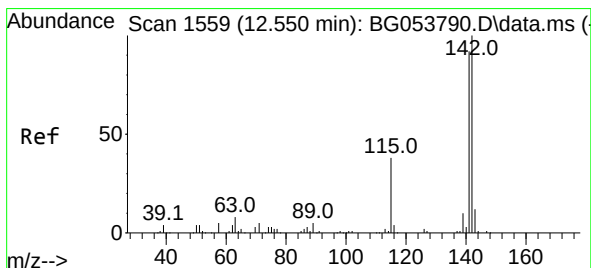
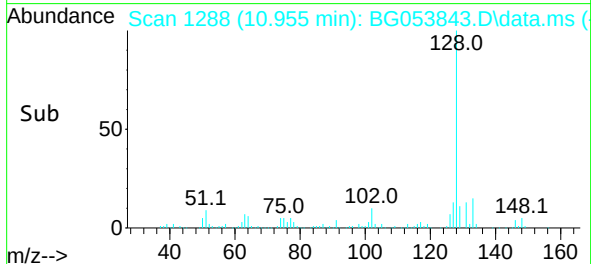
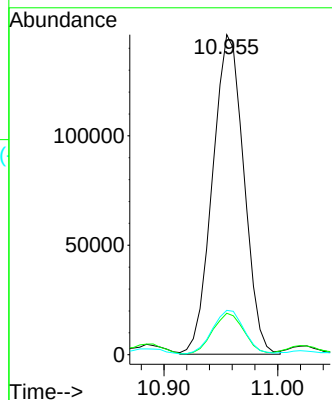
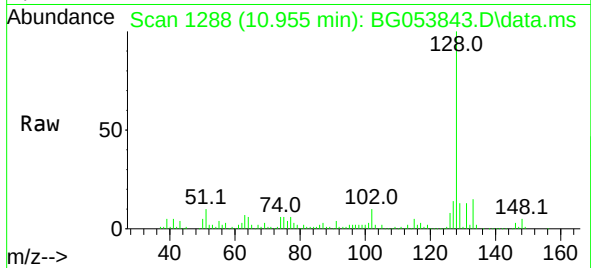




#31
Naphthalene
Concen: 54.341 ng
RT: 10.955 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

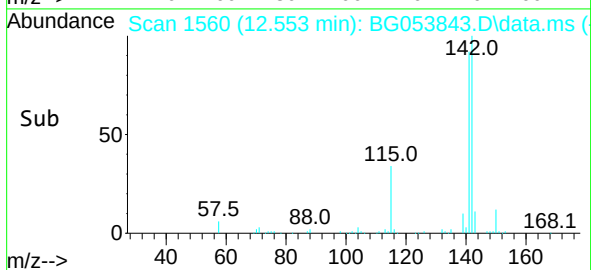
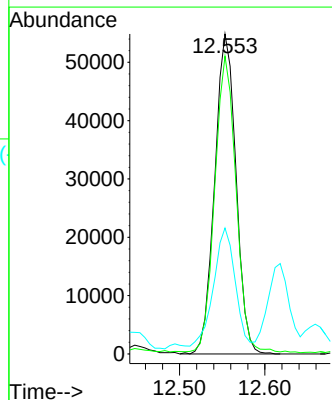
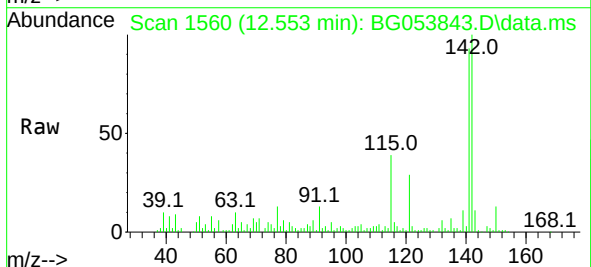
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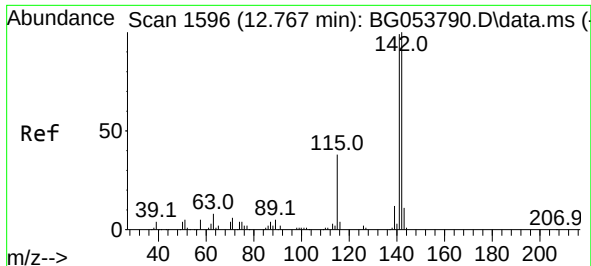
Tgt Ion:128 Resp: 280113
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 13.9 11.1 16.7



#37
2-Methylnaphthalene
Concen: 25.481 ng
RT: 12.553 min Scan# 1560
Delta R.T. 0.004 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion:142 Resp: 95287
Ion Ratio Lower Upper
142 100
141 93.0 72.3 108.5
115 39.4 33.7 50.5

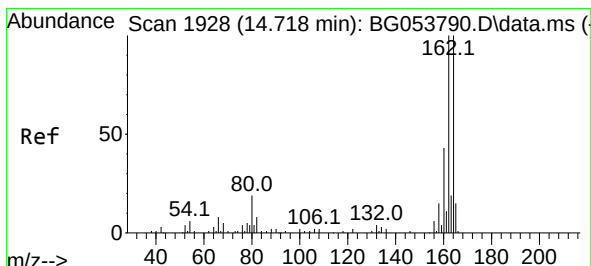
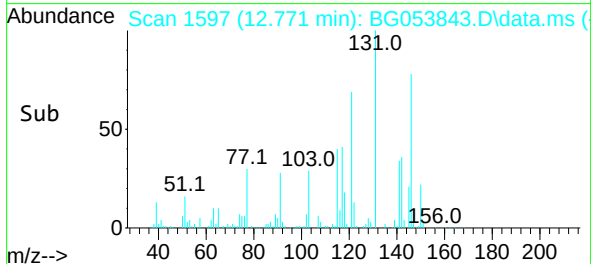
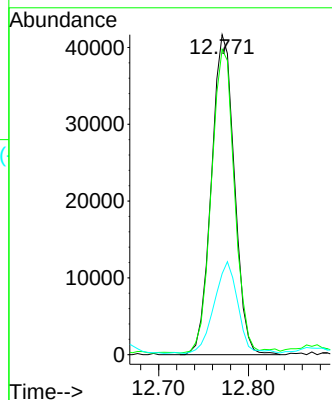
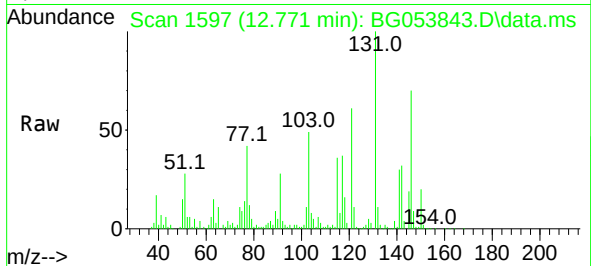




#38
1-Methylnaphthalene
Concen: 20.259 ng
RT: 12.771 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

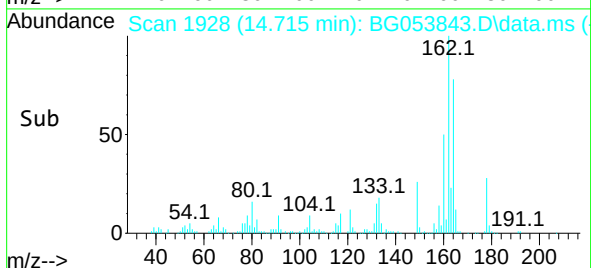
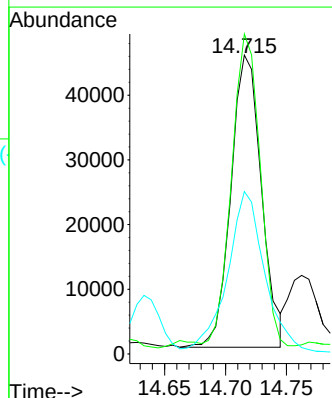
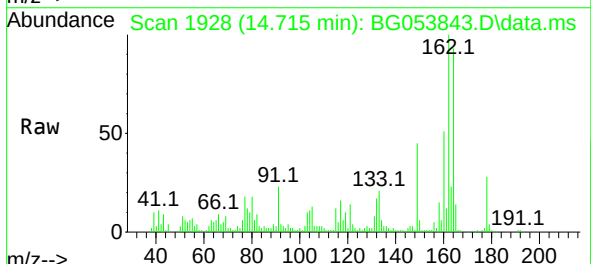
Instrument :
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MW-28

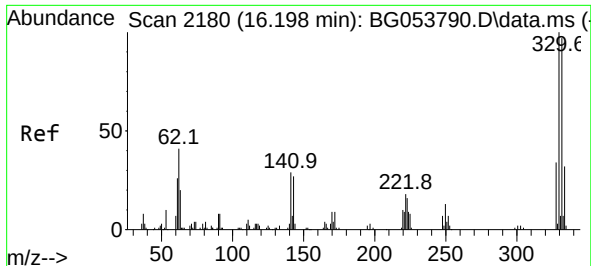
Tgt Ion:142 Resp: 74086
Ion Ratio Lower Upper
142 100
141 95.5 76.4 114.6
116 25.3 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion:164 Resp: 78734
Ion Ratio Lower Upper
164 100
162 107.0 82.3 123.5
160 54.4 34.2 51.2#

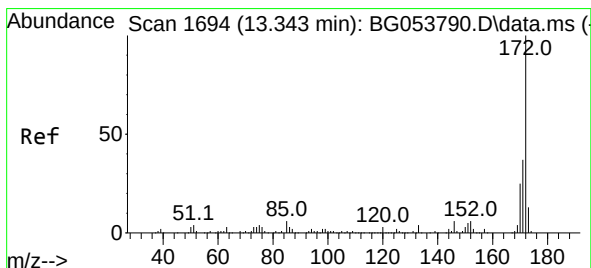
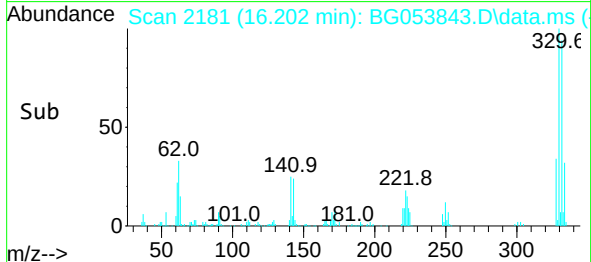
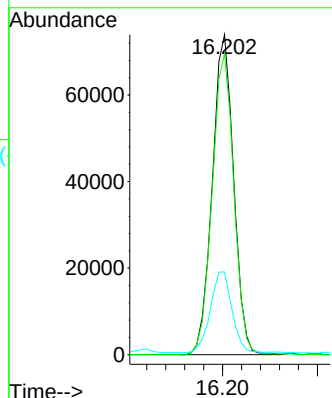
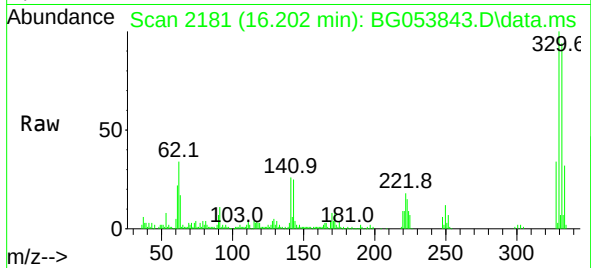




#42
 2,4,6-Tribromophenol
 Concen: 120.970 ng
 RT: 16.202 min Scan# 2180
 Delta R.T. 0.004 min
 Lab File: BG053843.D
 Acq: 7 Jun 2022 19:01

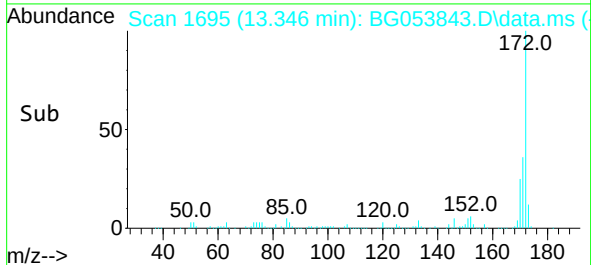
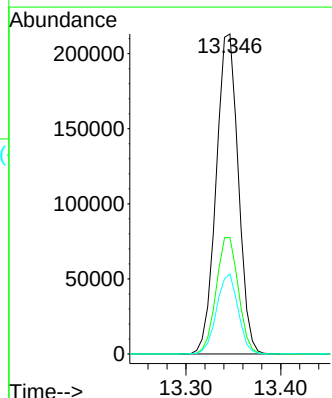
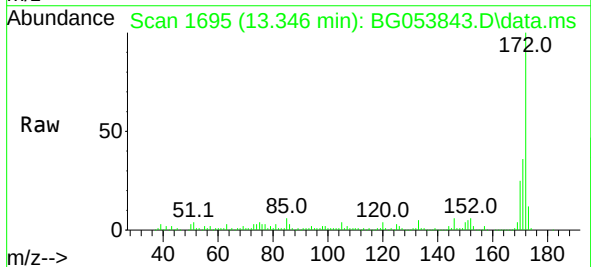
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

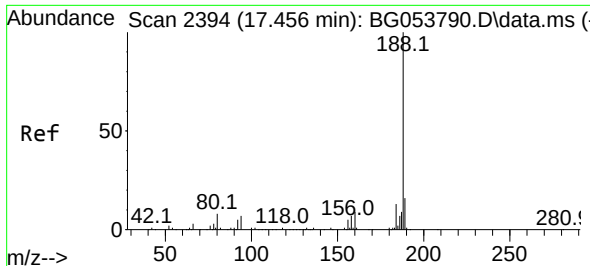
Tgt Ion:330 Resp: 115613
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 25.6 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 65.753 ng
 RT: 13.346 min Scan# 1695
 Delta R.T. 0.003 min
 Lab File: BG053843.D
 Acq: 7 Jun 2022 19:01

Tgt Ion:172 Resp: 346053
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 25.0 18.9 28.3

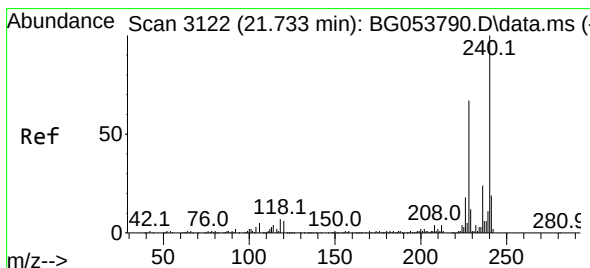
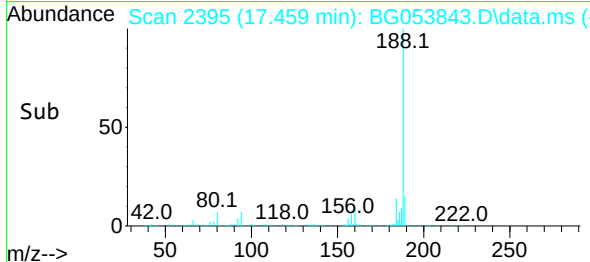
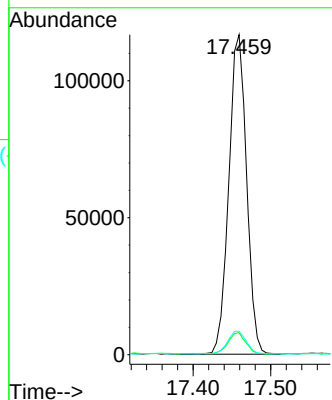
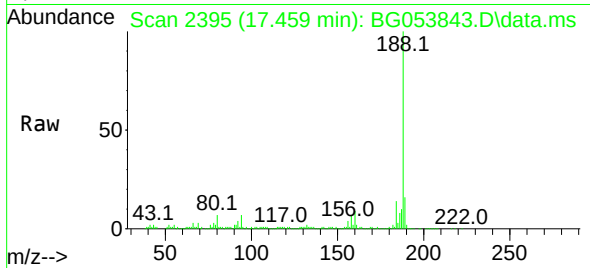




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

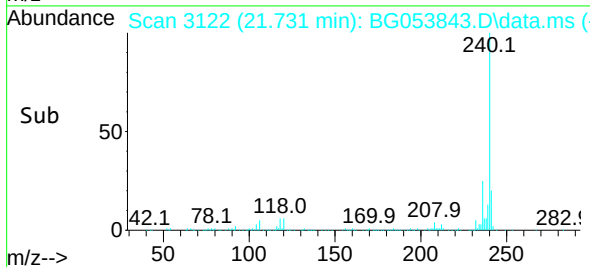
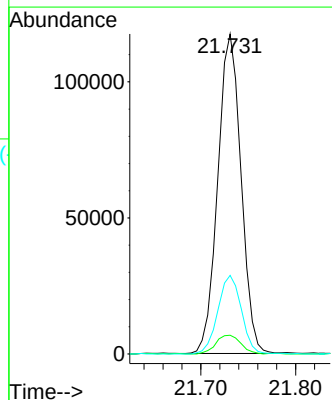
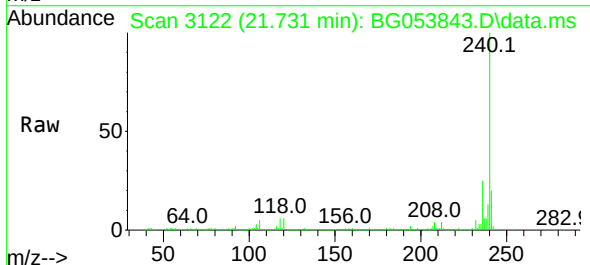
Instrument :
BNA_G
ClientSampleId :
MW-28

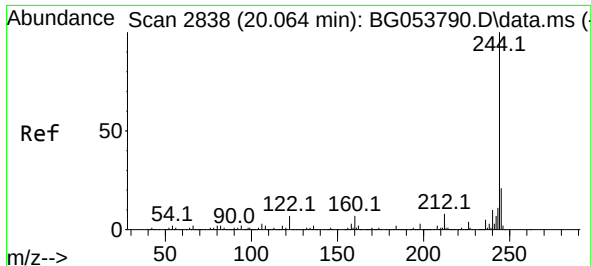
Tgt Ion:188 Resp: 186119
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053843.D
Acq: 7 Jun 2022 19:01

Tgt Ion:240 Resp: 200072
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.6 20.2 30.4

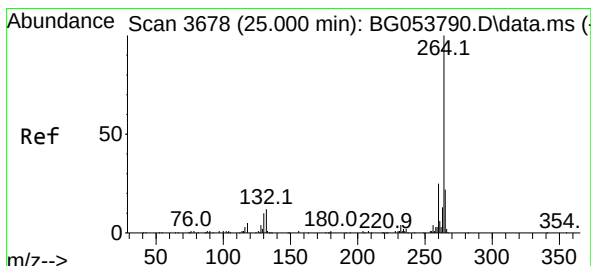
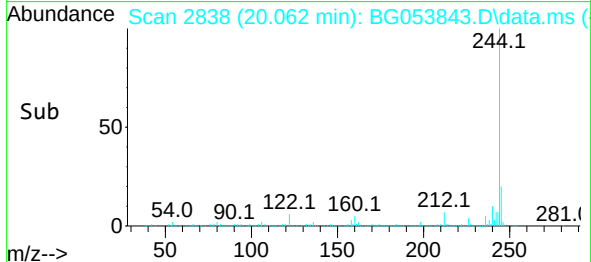
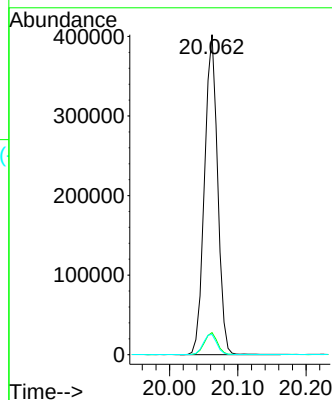
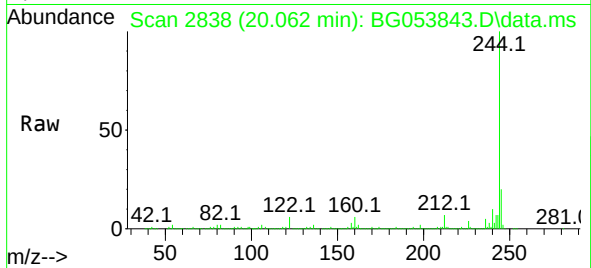




#79
 Terphenyl-d14
 Concen: 53.430 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053843.D
 Acq: 7 Jun 2022 19:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Tgt Ion:244 Resp: 537343
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.997 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053843.D
 Acq: 7 Jun 2022 19:01

Tgt Ion:264 Resp: 209510
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 22.2 17.4 26.2

