

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053907.D
 Acq On : 14 Jun 2022 18:46
 Operator : CG/JU
 Sample : N3331-01RX
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-222(26-28)

Quant Time: Jun 15 03:03:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

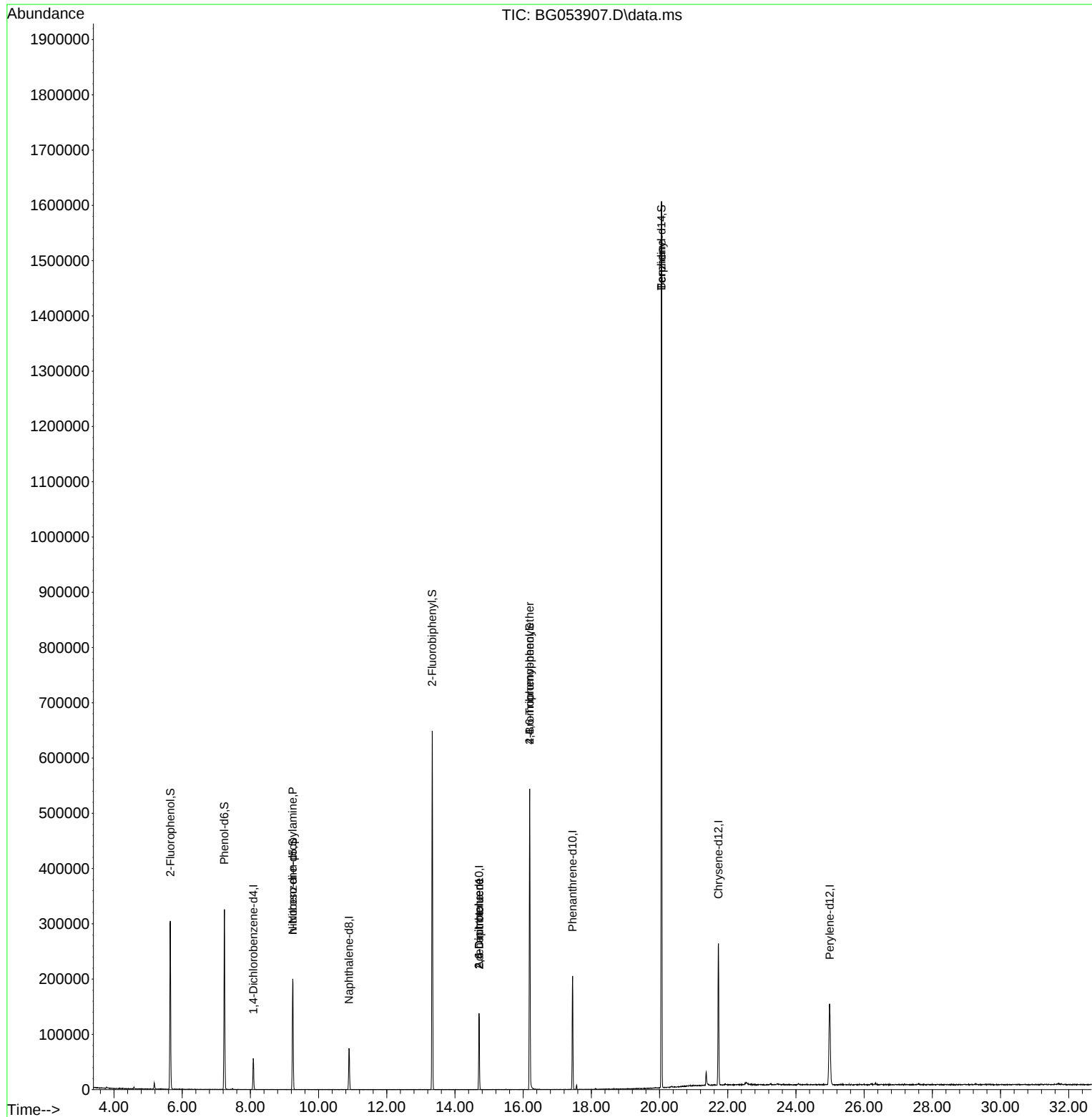
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	17670	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	70248	20.000	ng	0.00
39) Acenaphthene-d10	14.706	164	55291	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	148752	20.000	ng	# 0.00
76) Chrysene-d12	21.727	240	185616	20.000	ng	0.00
86) Perylene-d12	24.988	264	186908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	145438	157.365	ng	0.00
7) Phenol-d6	7.238	99	193582	154.402	ng	0.00
23) Nitrobenzene-d5	9.242	82	126781	101.421	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	142429	160.330	ng	0.00
45) 2-Fluorobiphenyl	13.331	172	380393	100.042	ng	0.00
79) Terphenyl-d14	20.059	244	906527	98.365	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.242	70	17475	20.747	ng	# 80
51) 2,6-Dinitrotoluene	14.706	165	7485	8.798	ng	# 16
57) 2,4-Dinitrotoluene	14.706	165	7485	6.230	ng	# 21
67) 4-Bromophenyl-phenylether	16.193	248	9073	4.884	ng	# 1
77) Benzidine	20.059	184	11339	2.950	ng	# 92

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

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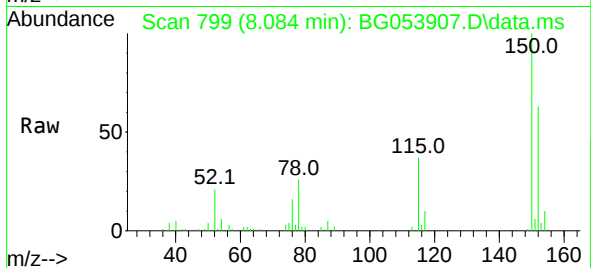
Quant Time: Jun 15 03:03:19 2022
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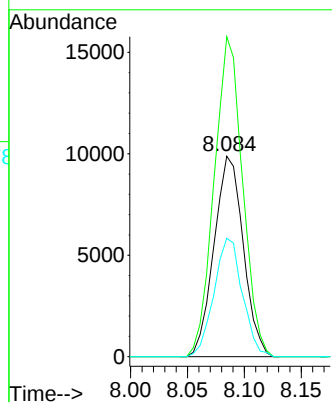
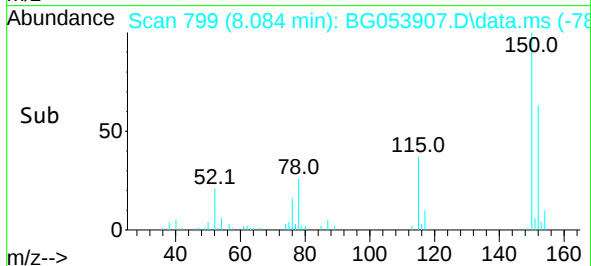


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

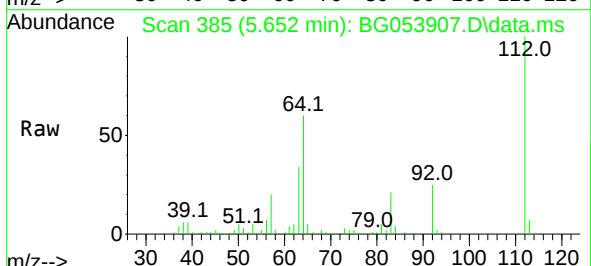
Instrument :
BNA_G
ClientSampleId :
B-222(26-28)



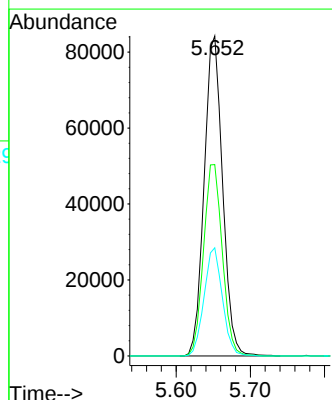
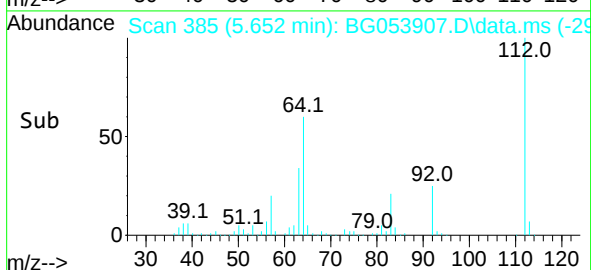
Tgt Ion:152 Resp: 17670
Ion Ratio Lower Upper
152 100
150 159.6 131.6 197.4
115 59.1 50.9 76.3



#5
2-Fluorophenol
Concen: 157.365 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46



Tgt Ion:112 Resp: 145438
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 33.8 30.4 45.6

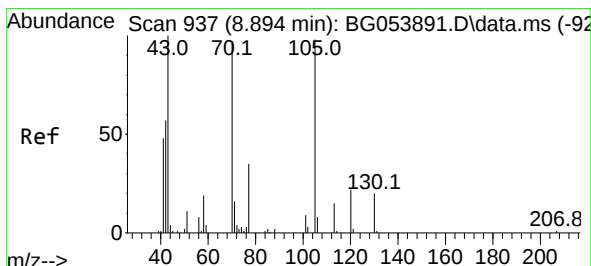
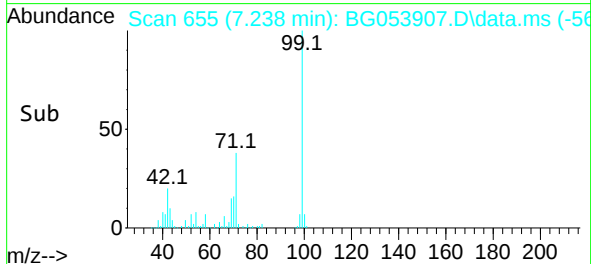
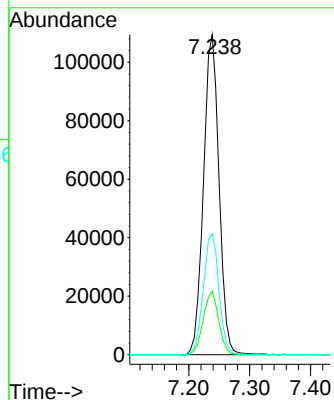
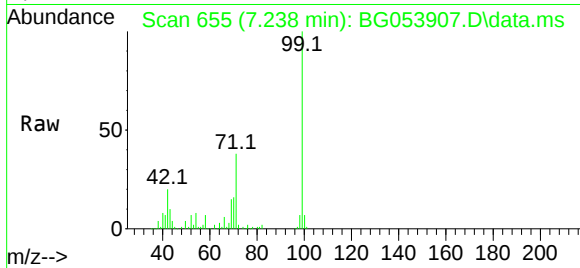




#7
Phenol-d6
Concen: 154.402 ng
RT: 7.238 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

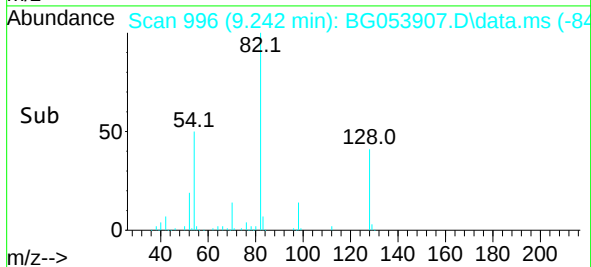
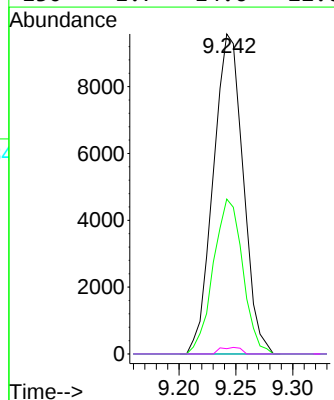
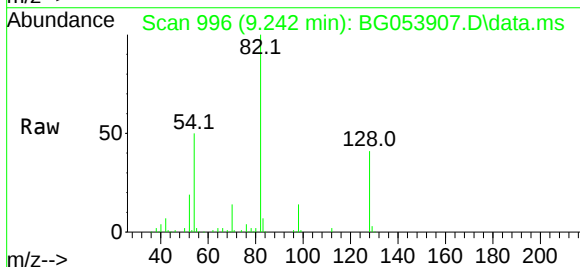
Instrument :
BNA_G
ClientSampleId :
B-222(26-28)

Tgt Ion: 99 Resp: 193582
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 37.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.747 ng
RT: 9.242 min Scan# 996
Delta R.T. 0.348 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

Tgt Ion: 70 Resp: 17475
Ion Ratio Lower Upper
70 100
42 48.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

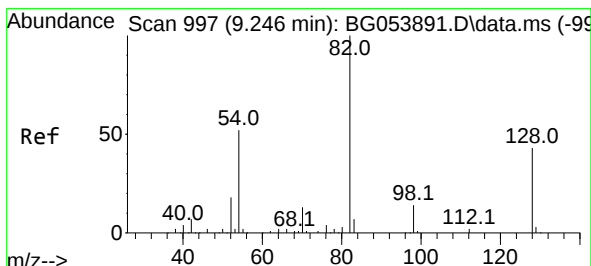
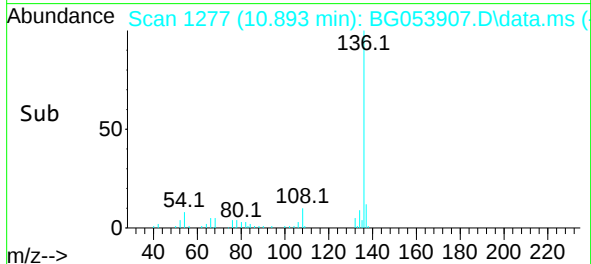
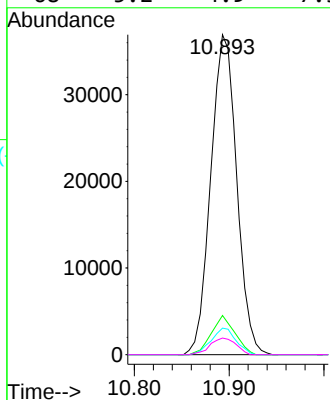
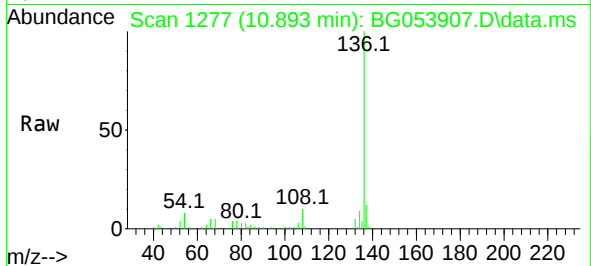




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

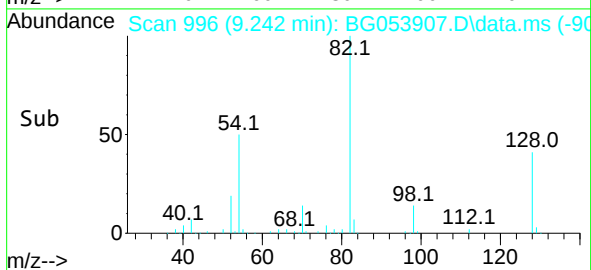
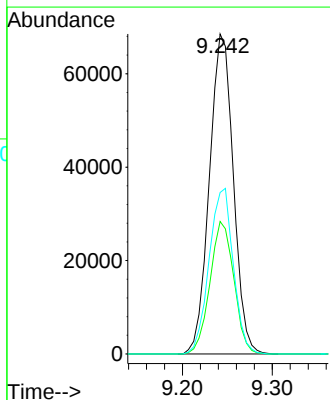
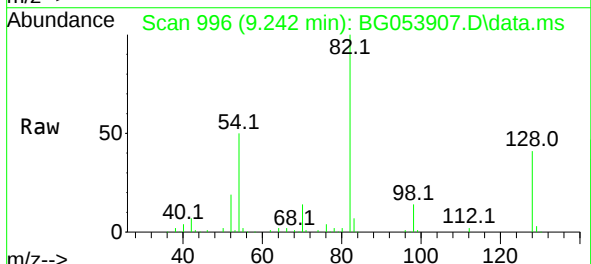
Instrument :
BNA_G
ClientSampleId :
B-222(26-28)

Tgt Ion:	136	Resp:	70248
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.5	12.7
54	8.3	7.4	11.2
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 101.421 ng
RT: 9.242 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

Tgt Ion:	82	Resp:	126781
Ion	Ratio	Lower	Upper
82	100		
128	41.4	27.9	41.9
54	50.4	41.2	61.8

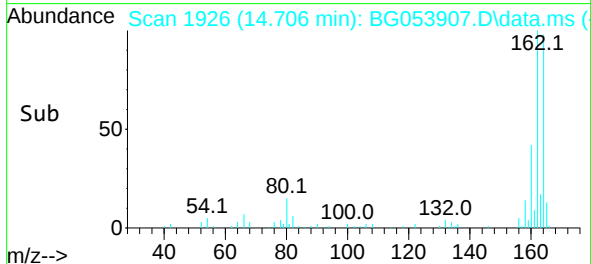
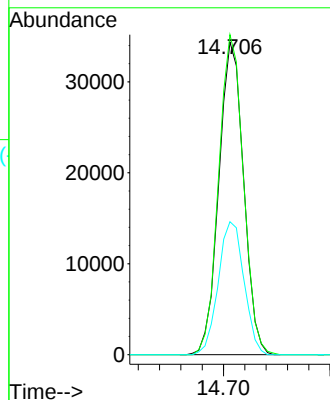
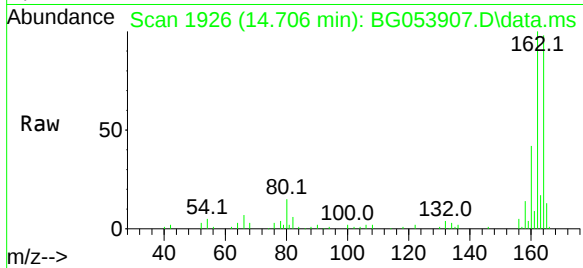




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.706 min Scan# 1926
 Delta R.T. -0.004 min
 Lab File: BG053907.D
 Acq: 14 Jun 2022 18:46

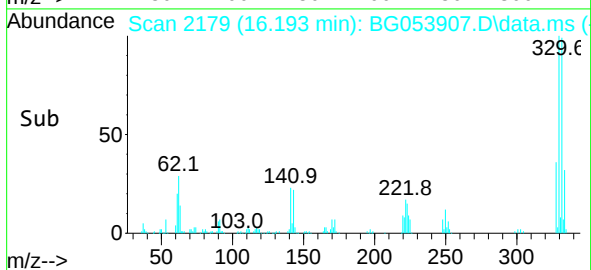
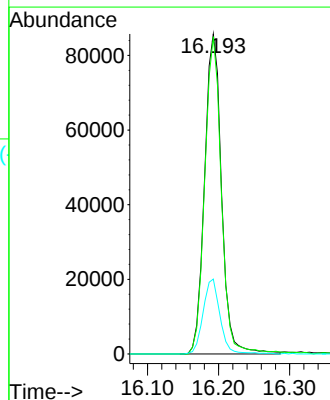
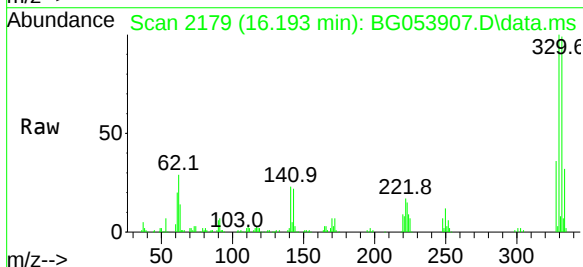
Instrument :
 BNA_G
 ClientSampleId :
 B-222(26-28)

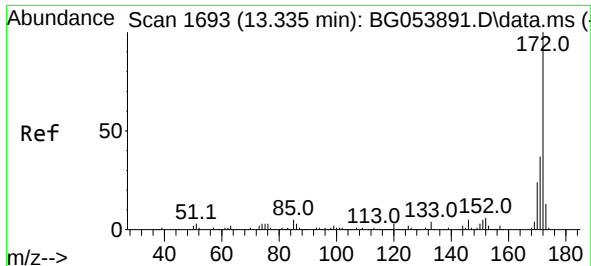
Tgt Ion:164	Resp:	55291
Ion Ratio	Lower	Upper
164	100	
162	102.4	82.3 123.5
160	42.5	34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 160.330 ng
 RT: 16.193 min Scan# 2179
 Delta R.T. 0.002 min
 Lab File: BG053907.D
 Acq: 14 Jun 2022 18:46

Tgt Ion:330	Resp:	142429
Ion Ratio	Lower	Upper
330	100	
332	97.7	76.0 114.0
141	23.4	27.1 40.7#

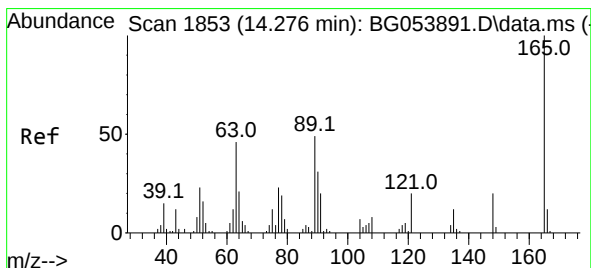
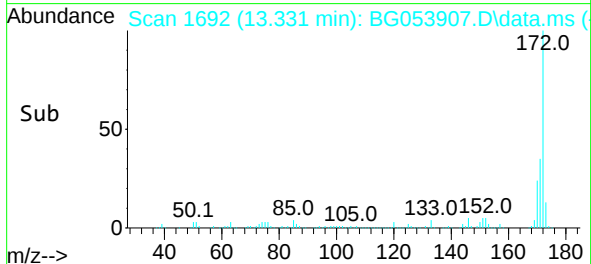
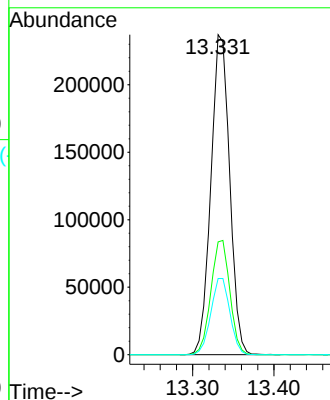
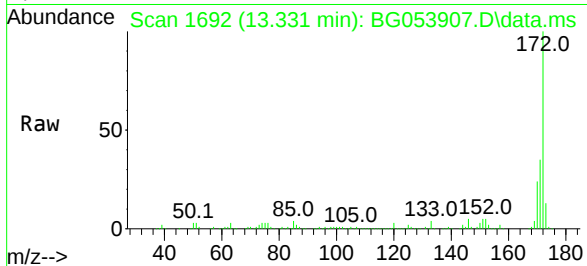




#45
2-Fluorobiphenyl
Concen: 100.042 ng
RT: 13.331 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

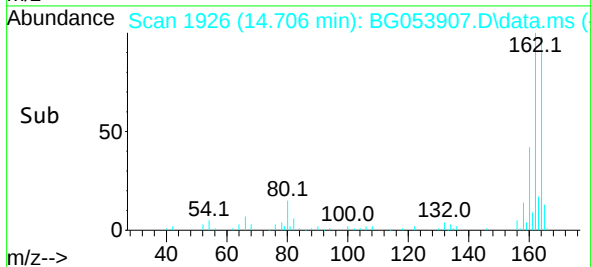
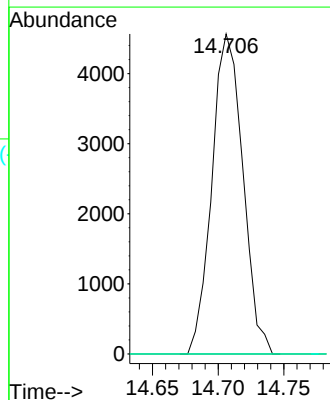
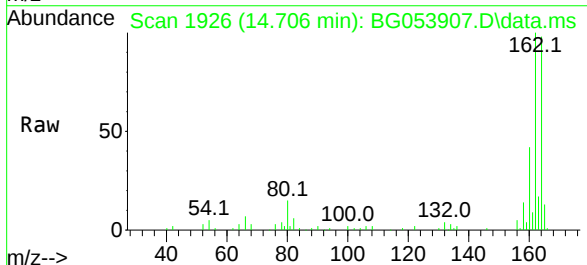
Instrument :
BNA_G
ClientSampleId :
B-222(26-28)

Tgt Ion:172 Resp: 380393
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.798 ng
RT: 14.706 min Scan# 1926
Delta R.T. 0.431 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

Tgt Ion:165 Resp: 7485
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

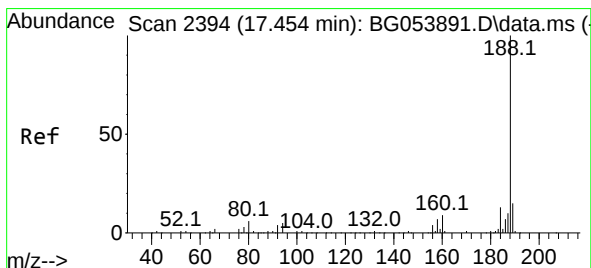
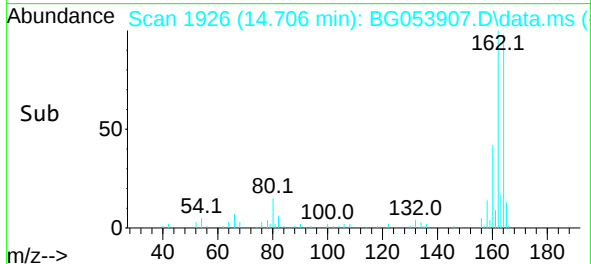
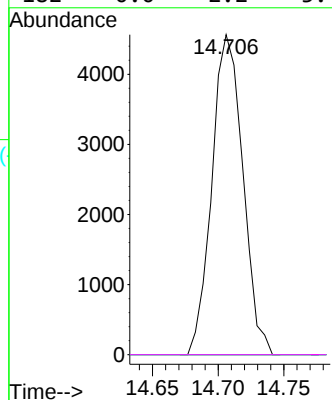
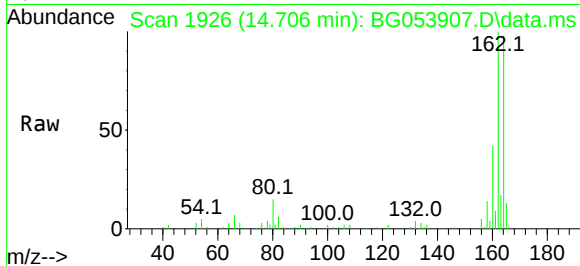




#57
2,4-Dinitrotoluene
Concen: 6.230 ng
RT: 14.706 min Scan# 1987
Delta R.T. -0.357 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

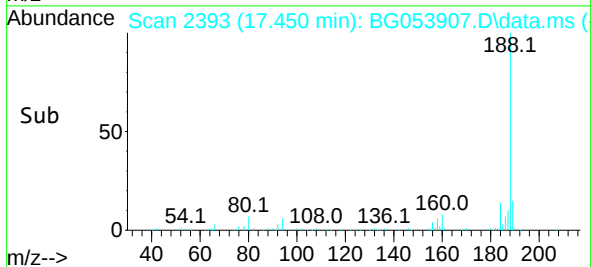
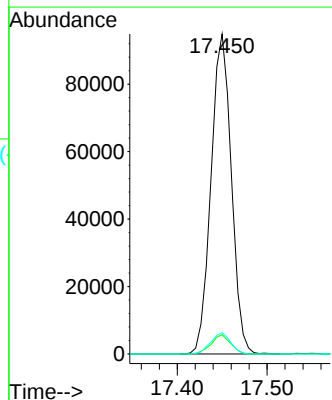
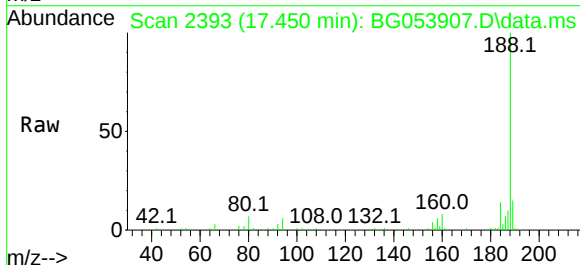
Instrument :
BNA_G
ClientSampleId :
B-222(26-28)

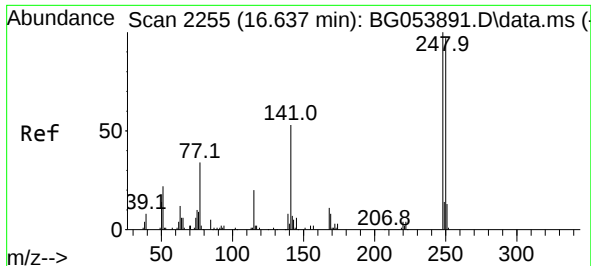
Tgt Ion:165 Resp: 7485
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2393
Delta R.T. -0.004 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

Tgt Ion:188 Resp: 148752
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.6 6.8 10.2#

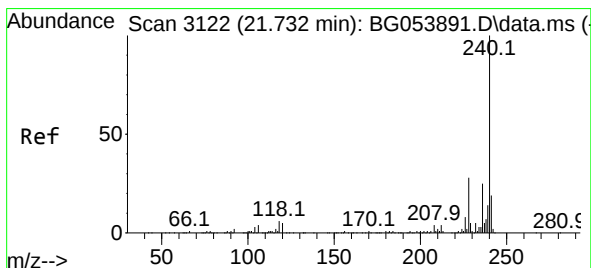
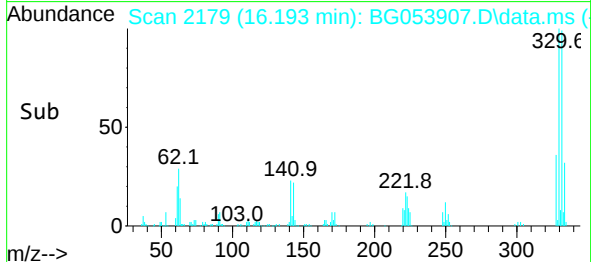
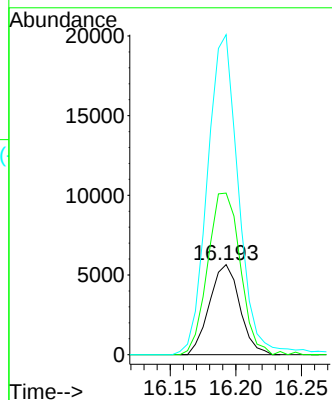
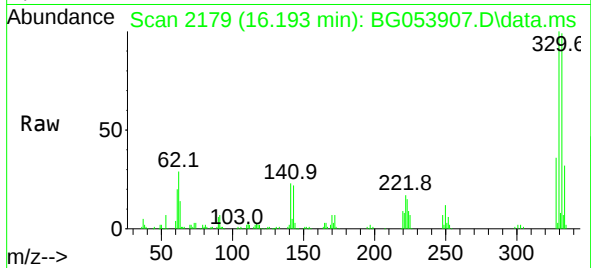




#67
4-Bromophenyl-phenylether
Concen: 4.884 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.445 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

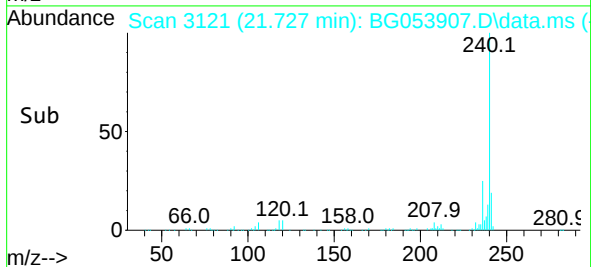
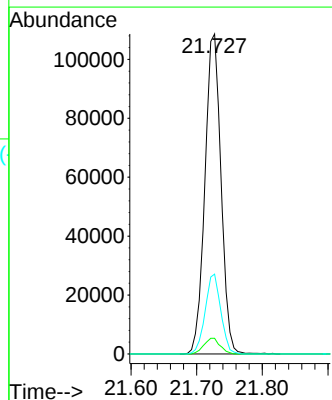
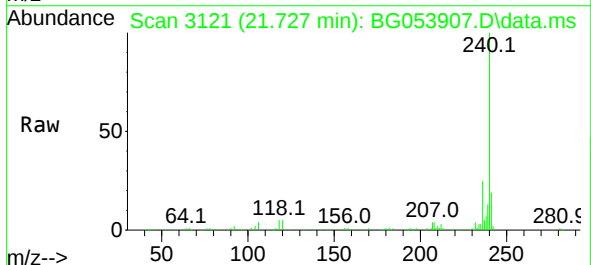
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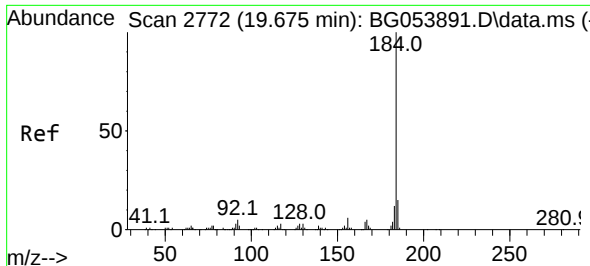
Tgt Ion:248 Resp: 9073
Ion Ratio Lower Upper
248 100
250 178.7 75.2 112.8#
141 273.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

Tgt Ion:240 Resp: 185616
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 24.9 20.2 30.4

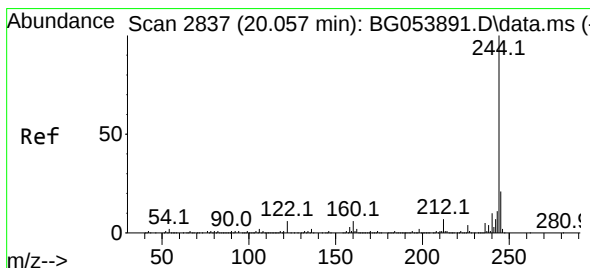
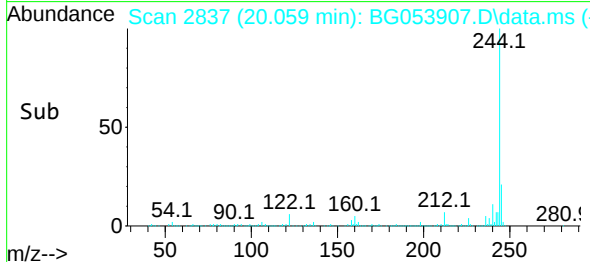
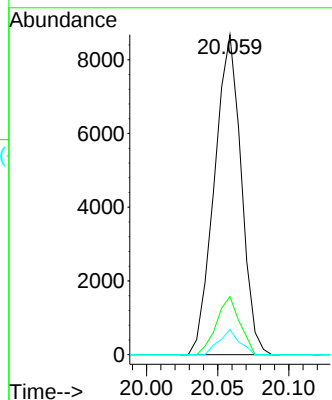
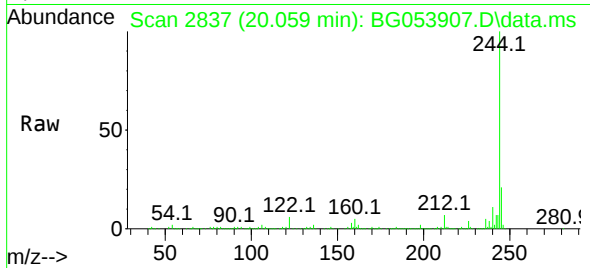




#77
Benzidine
Concen: 2.950 ng
RT: 20.059 min Scan# 21
Delta R.T. 0.384 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

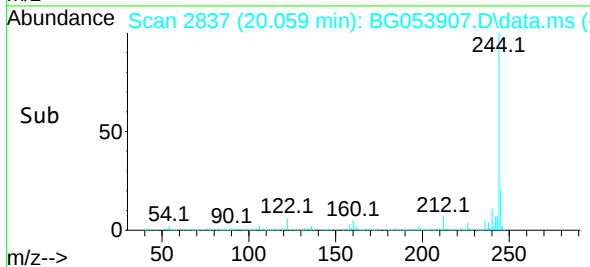
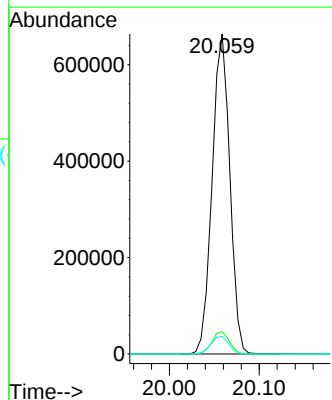
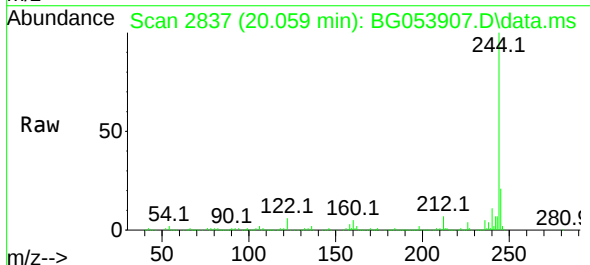
Instrument :
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ClientSampleId :
B-222(26-28)

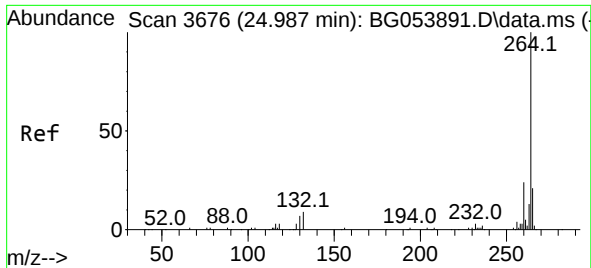
Tgt Ion:184 Resp: 11339
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.6#
183 7.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 98.365 ng
RT: 20.059 min Scan# 2837
Delta R.T. 0.002 min
Lab File: BG053907.D
Acq: 14 Jun 2022 18:46

Tgt Ion:244 Resp: 906527
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.988 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG053907.D
 Acq: 14 Jun 2022 18:46

Instrument :
 BNA_G
 ClientSampleId :
 B-222(26-28)

Tgt Ion:264 Resp: 186908
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 17.4 26.2

