

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG055993.D
 Acq On : 16 Dec 2022 14:10
 Operator : CG/JU
 Sample : PB149627BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BL

Quant Time: Dec 17 01:20:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

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

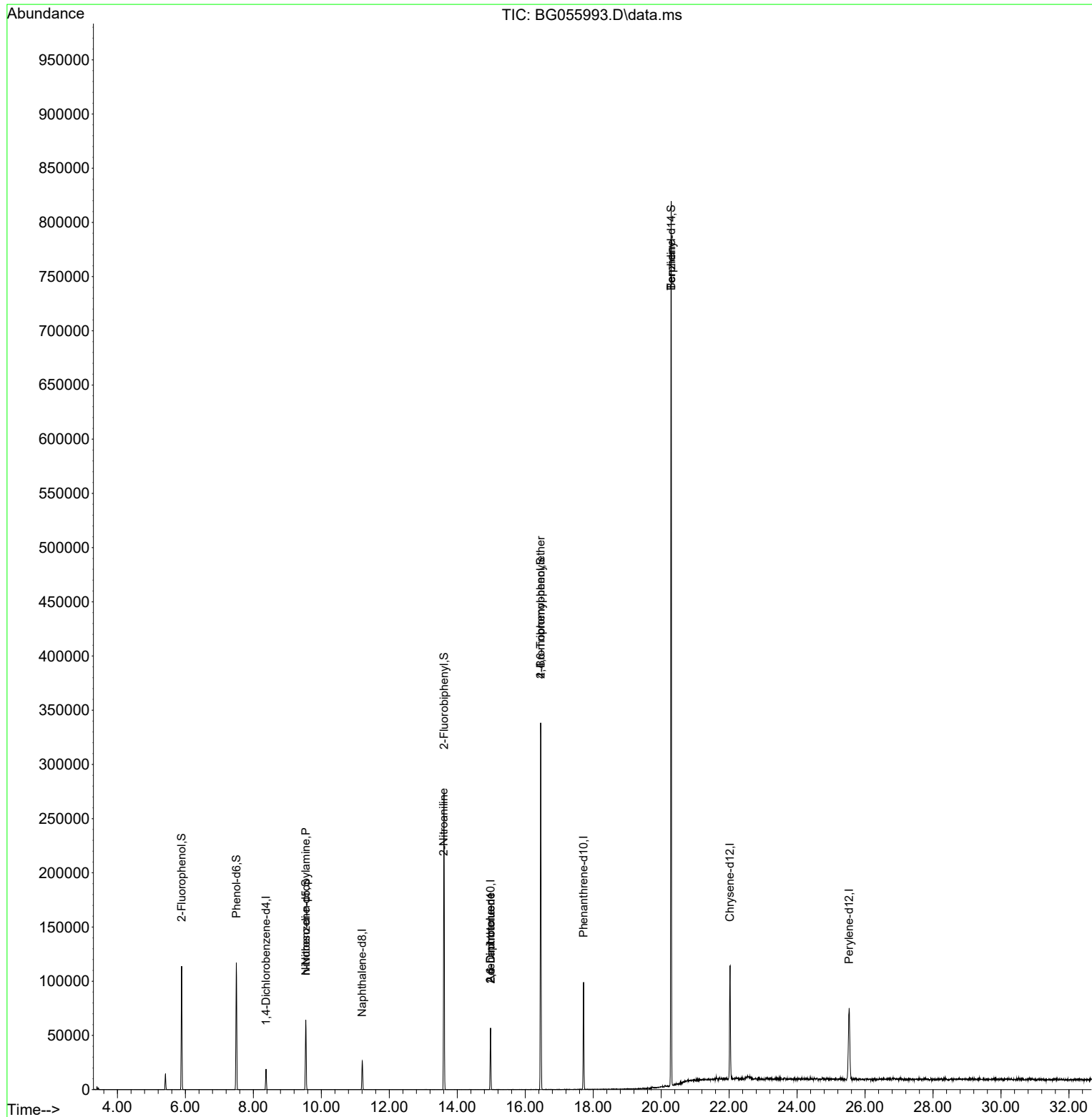
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	6238	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	24365	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	22344	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	71655	20.000	ng	# 0.00
76) Chrysene-d12	22.025	240	75219	20.000	ng	0.00
86) Perylene-d12	25.532	264	90475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	45870	172.448	ng	0.00
7) Phenol-d6	7.500	99	57957	169.414	ng	0.00
23) Nitrobenzene-d5	9.545	82	33475	96.011	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	90699	168.341	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	152043	95.434	ng	0.00
79) Terphenyl-d14	20.297	244	456138	107.177	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.545	70	4851	19.783	ng	# 67
48) 2-Nitroaniline	13.599	65	173	3.486	ng	# 1
51) 2,6-Dinitrotoluene	14.980	165	2935	9.818	ng	# 25
57) 2,4-Dinitrotoluene	14.980	165	2935	6.504	ng	# 35
67) 4-Bromophenyl-phenylether	16.455	248	5154	4.909	ng	# 1
77) Benzidine	20.297	184	6934	5.249	ng	# 88

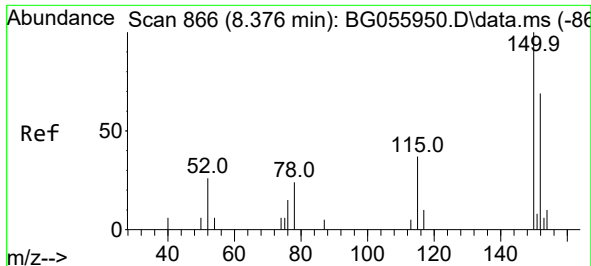
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG055993.D
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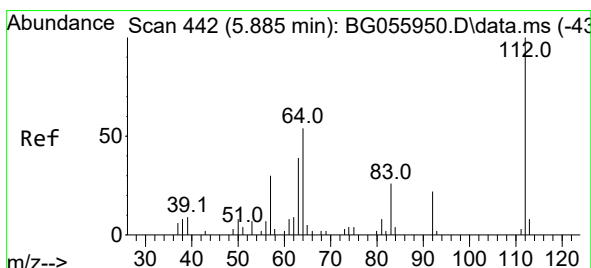
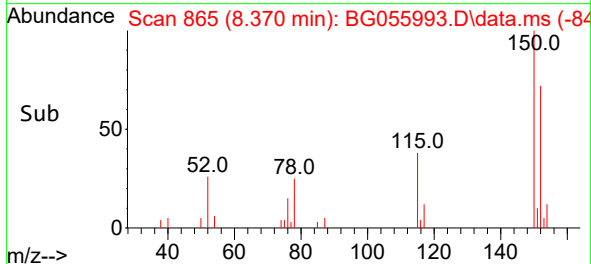
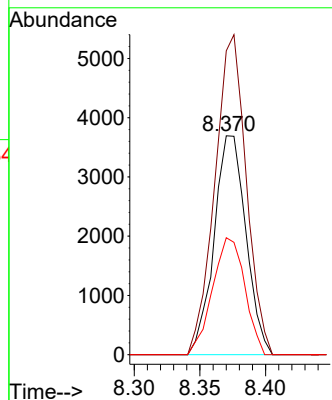
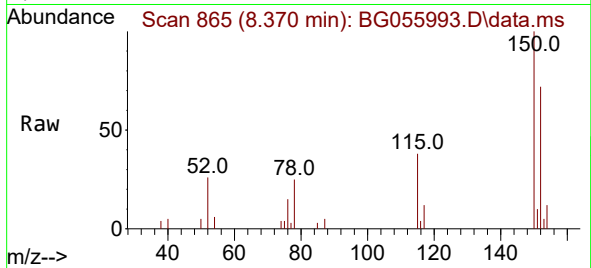




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

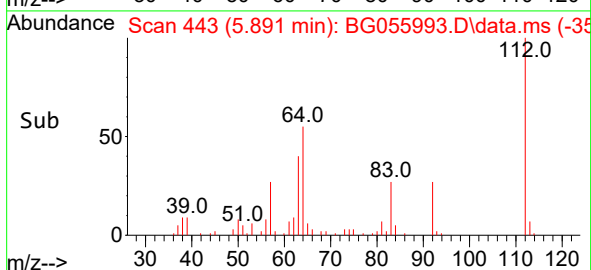
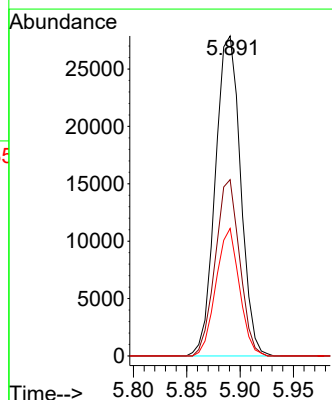
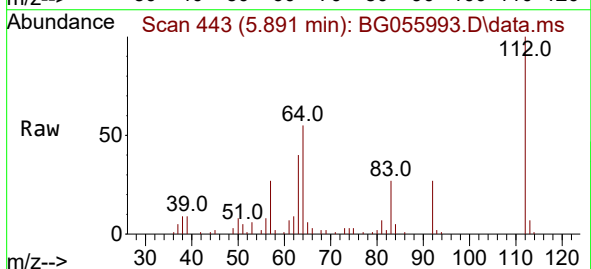
Instrument :
BNA_G
ClientSampleId :
PB149627BL

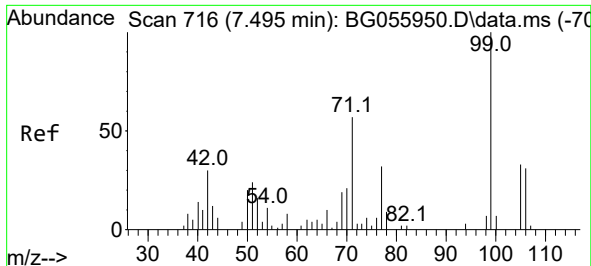
Tgt Ion:152 Resp: 6238
Ion Ratio Lower Upper
152 100
150 138.8 115.7 173.5
115 53.4 43.0 64.4



#5
2-Fluorophenol
Concen: 172.448 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:112 Resp: 45870
Ion Ratio Lower Upper
112 100
64 55.1 43.0 64.4
63 39.9 31.4 47.2

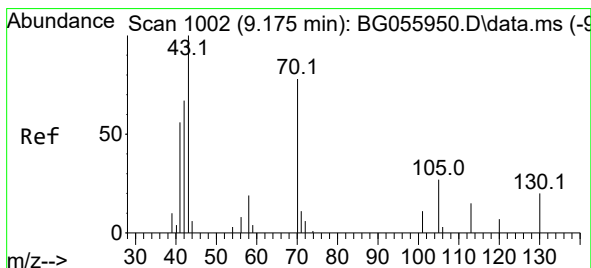
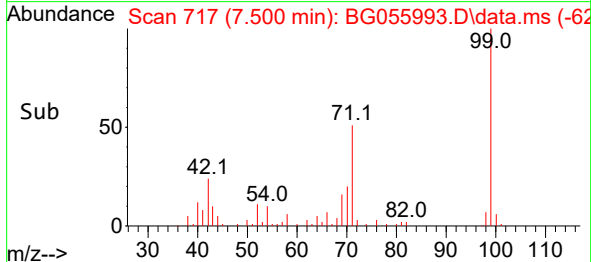
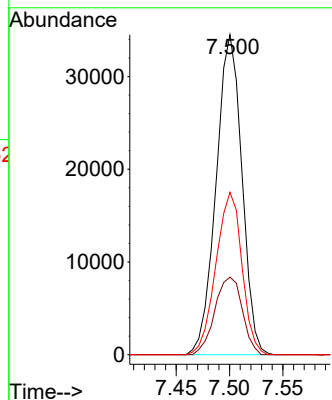
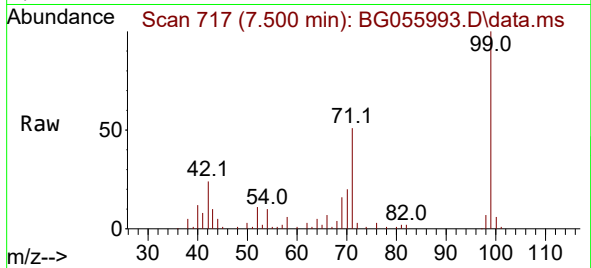




#7
Phenol-d6
Concen: 169.414 ng
RT: 7.500 min Scan# 716
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

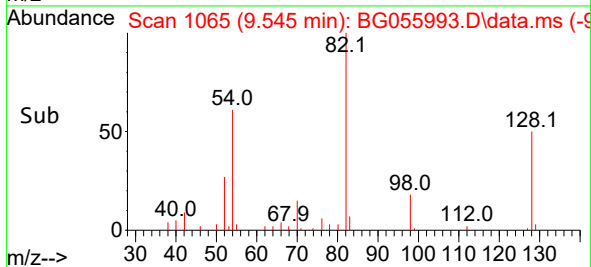
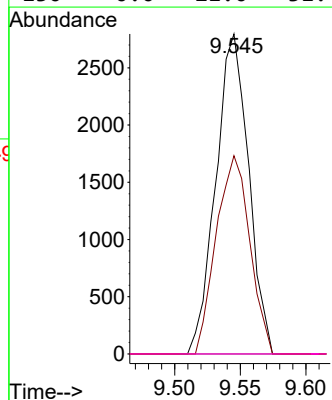
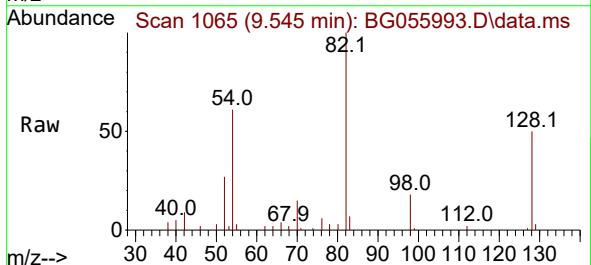
Instrument :
BNA_G
ClientSampleId :
PB149627BL

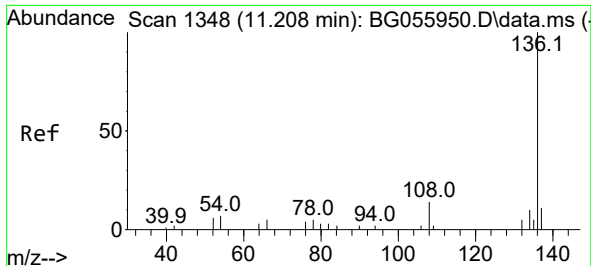
Tgt Ion: 99 Resp: 57957
Ion Ratio Lower Upper
99 100
42 24.3 24.3 36.5#
71 50.8 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.783 ng
RT: 9.545 min Scan# 1065
Delta R.T. 0.370 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

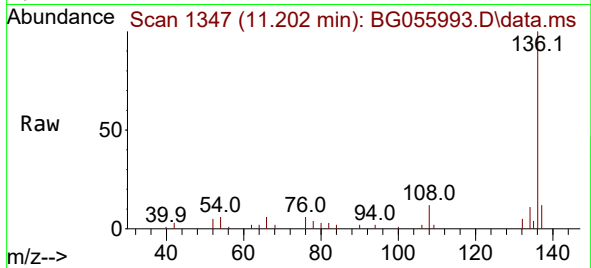
Tgt Ion: 70 Resp: 4851
Ion Ratio Lower Upper
70 100
42 61.9 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#



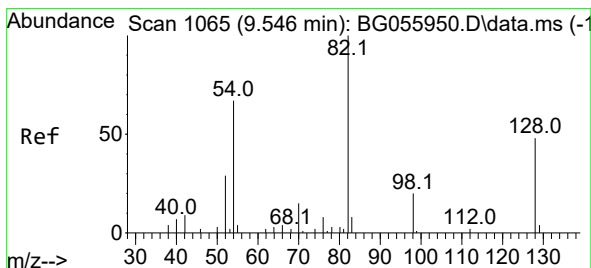
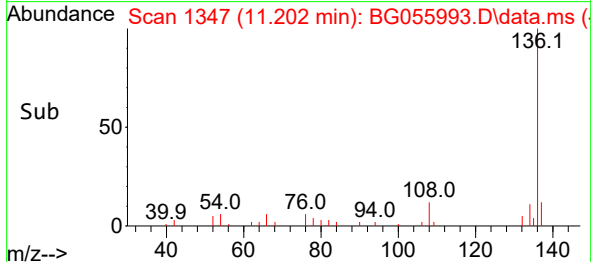
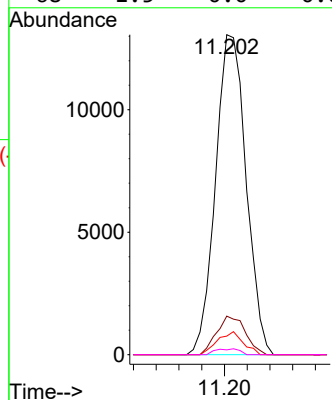


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Instrument :
BNA_G
ClientSampleId :
PB149627BL

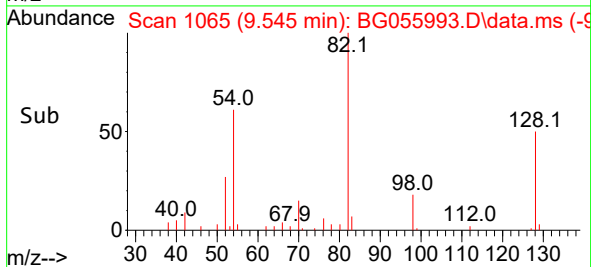
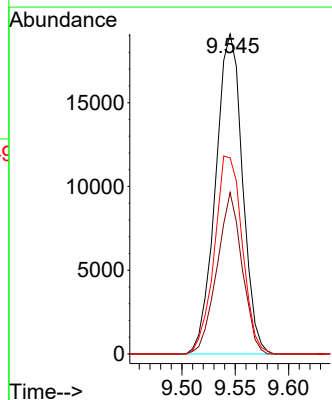
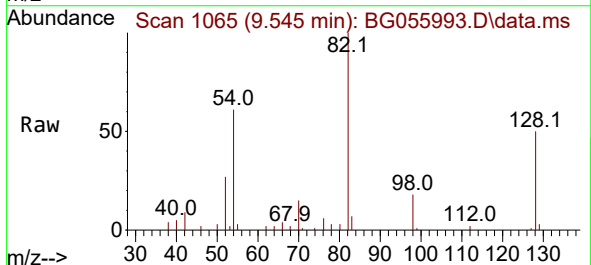


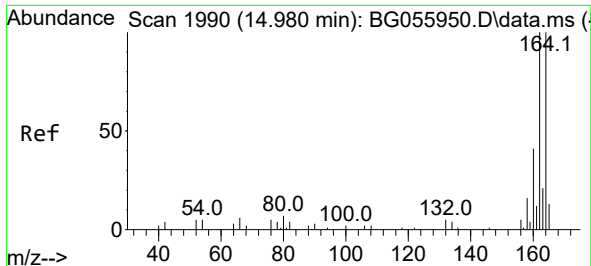
Tgt Ion:136 Resp: 24365
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 5.8 5.6 8.4
68 1.5 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 96.011 ng
RT: 9.545 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion: 82 Resp: 33475
Ion Ratio Lower Upper
82 100
128 50.4 38.4 57.6
54 61.3 53.3 79.9

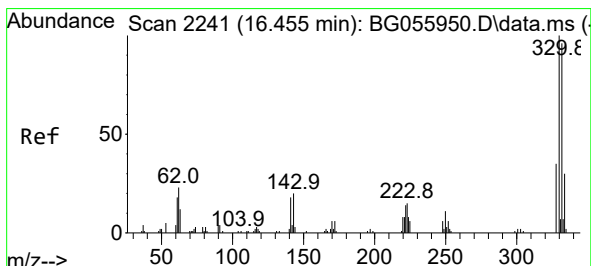
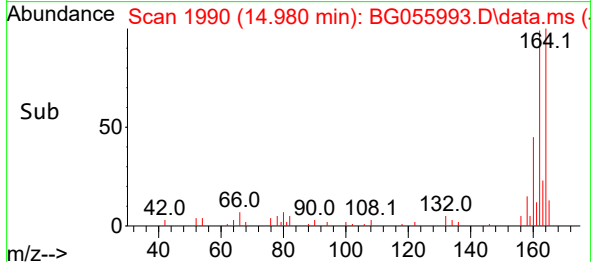
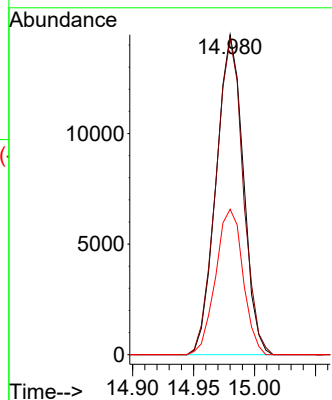
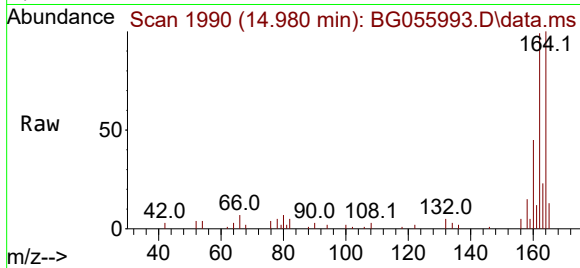




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

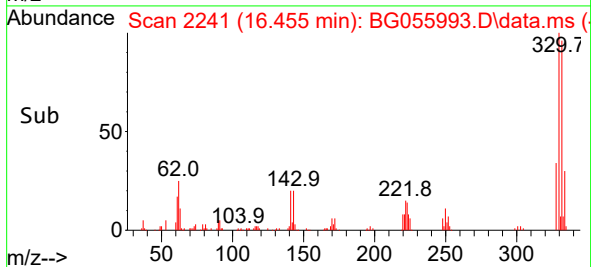
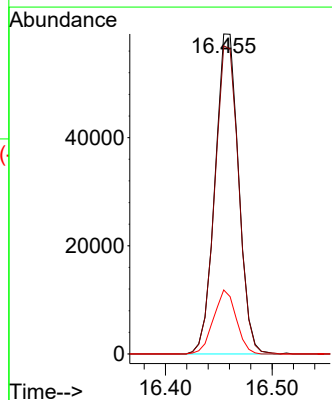
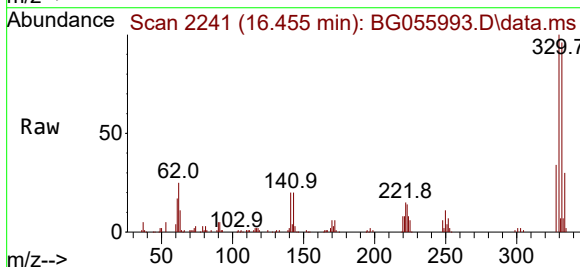
Instrument :
BNA_G
ClientSampleId :
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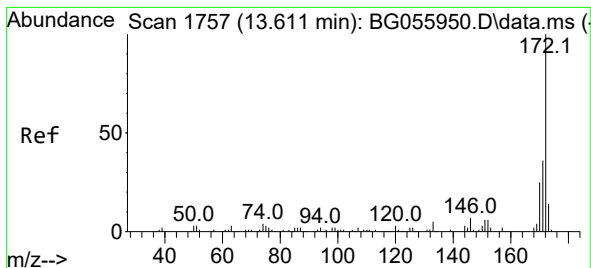
Tgt Ion:164 Resp: 22344
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.8
160 45.5 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 168.341 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:330 Resp: 90699
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 19.2 15.0 22.4

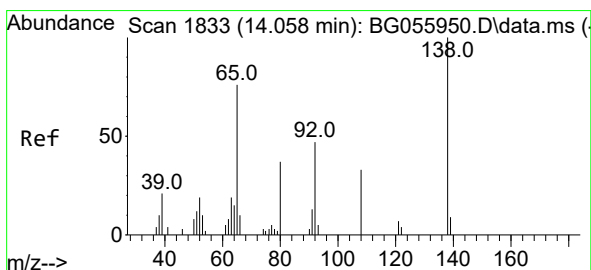
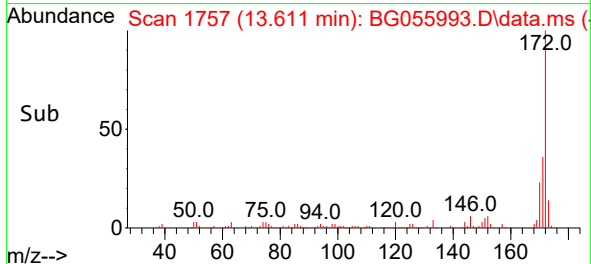
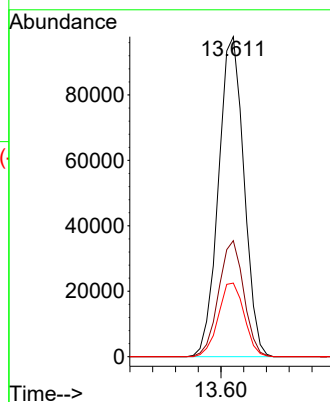
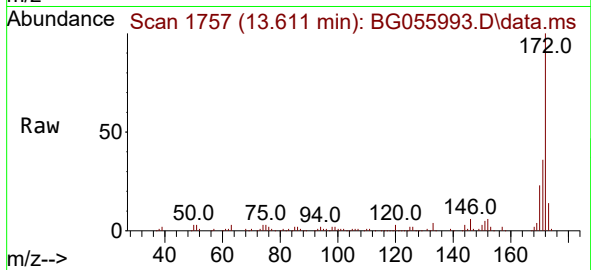




#45
2-Fluorobiphenyl
Concen: 95.434 ng
RT: 13.611 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

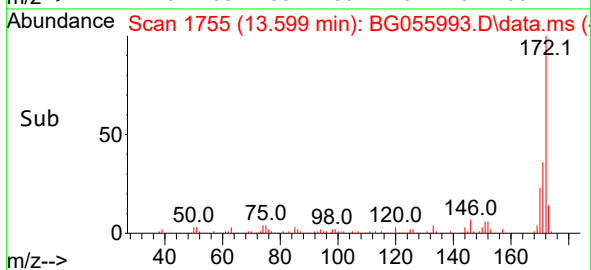
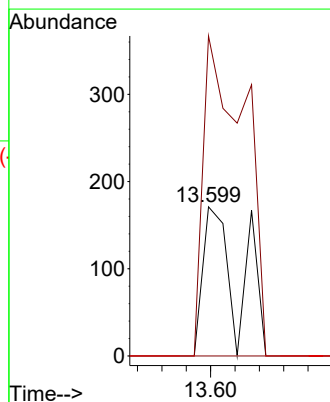
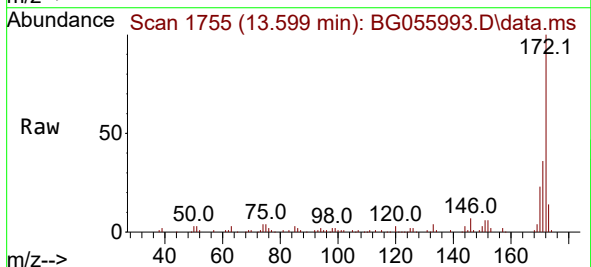
Instrument :
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ClientSampleId :
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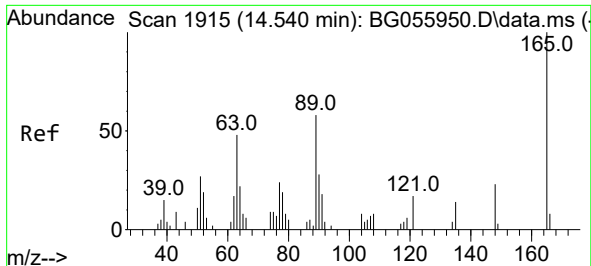
Tgt Ion:172 Resp: 152043
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.0 19.9 29.9



#48
2-Nitroaniline
Concen: 3.486 ng
RT: 13.599 min Scan# 1755
Delta R.T. -0.459 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion: 65 Resp: 173
Ion Ratio Lower Upper
65 100
92 214.6 49.7 74.5#
138 0.0 105.0 157.6#

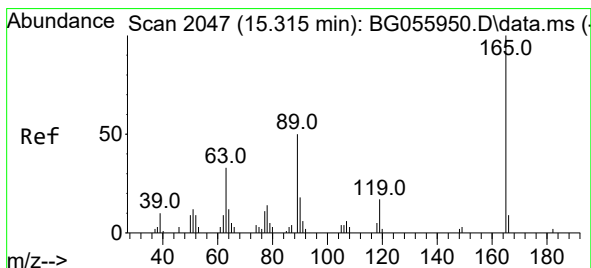
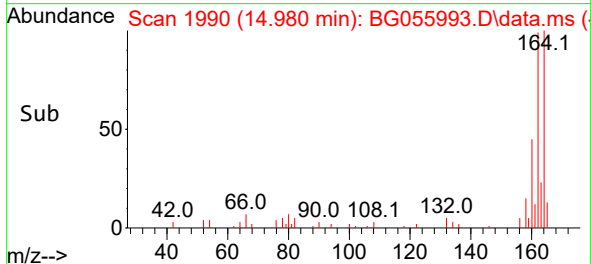
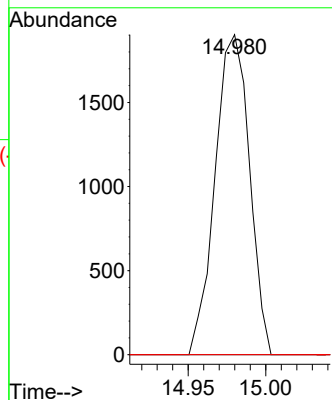
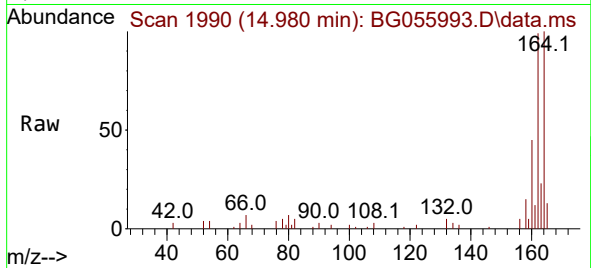




#51
2,6-Dinitrotoluene
Concen: 9.818 ng
RT: 14.980 min Scan# 1915
Delta R.T. 0.434 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

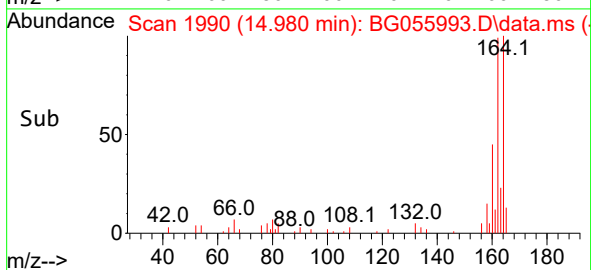
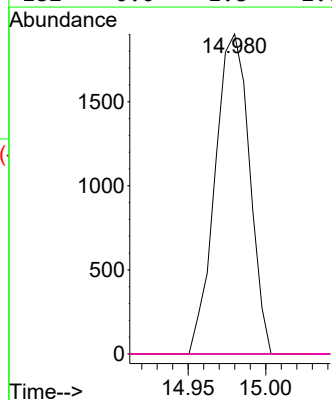
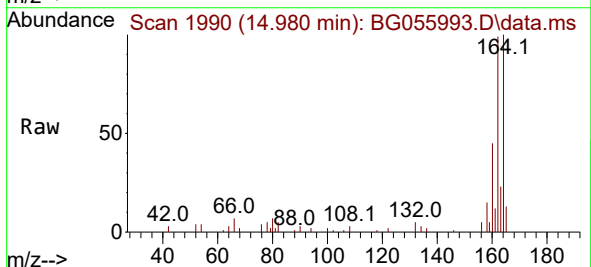
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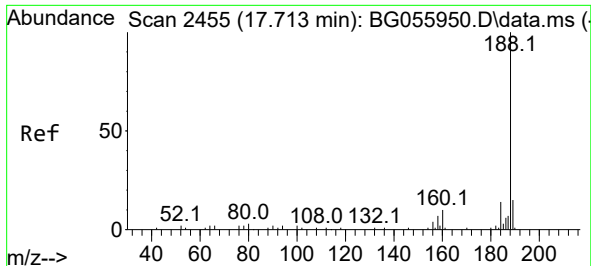
Tgt Ion:165 Resp: 2935
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.341 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:165 Resp: 2935
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#

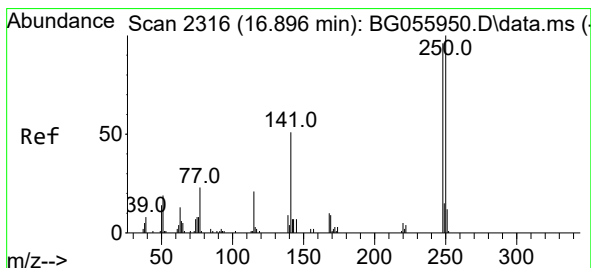
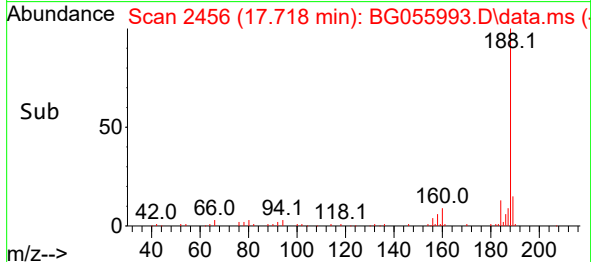
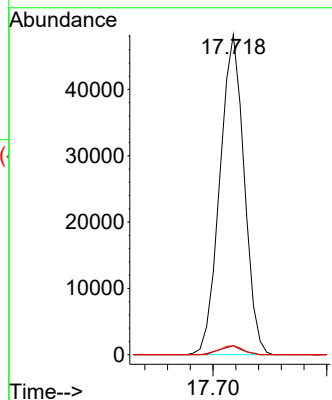
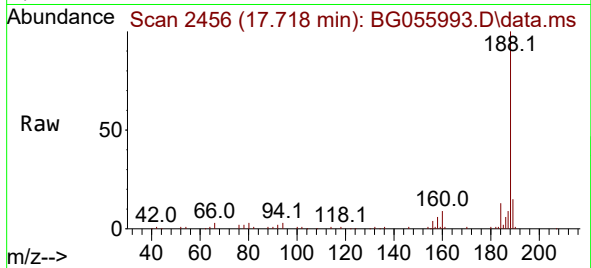




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

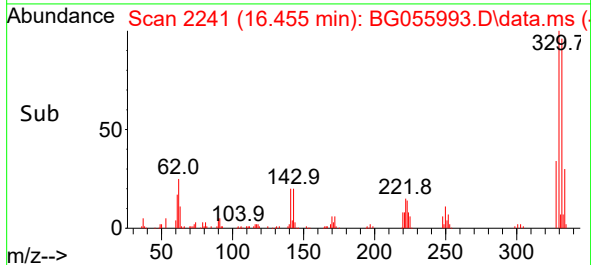
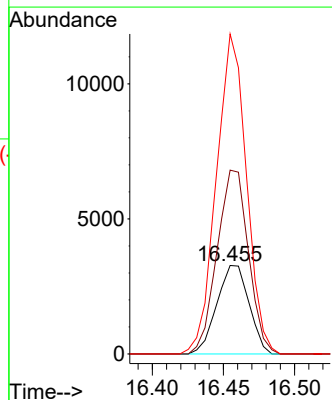
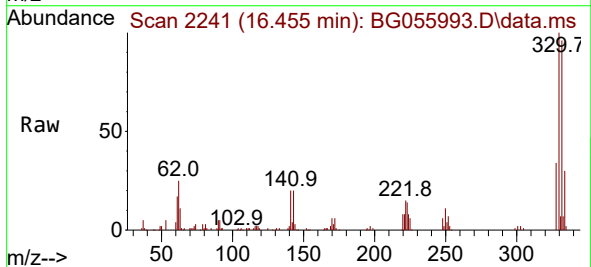
Instrument :
BNA_G
ClientSampleId :
PB149627BL

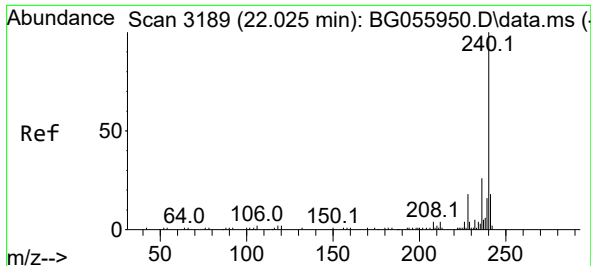
Tgt Ion:188 Resp: 71655
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.8 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.909 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.447 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:248 Resp: 5154
Ion Ratio Lower Upper
248 100
250 207.5 83.0 124.6#
141 361.4 42.6 64.0#

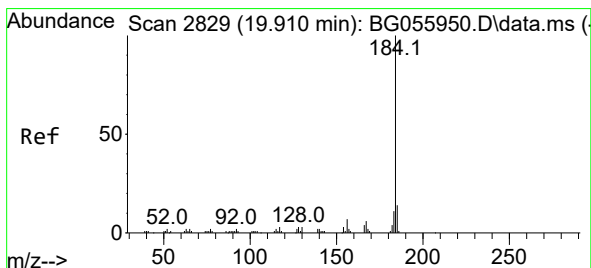
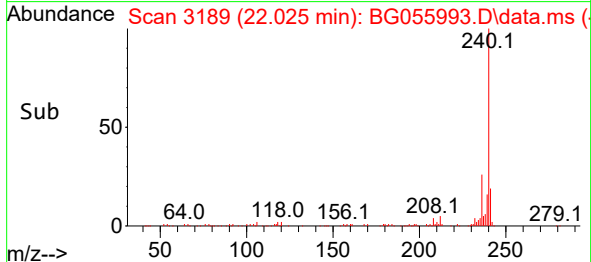
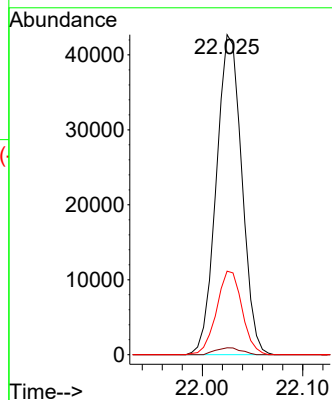
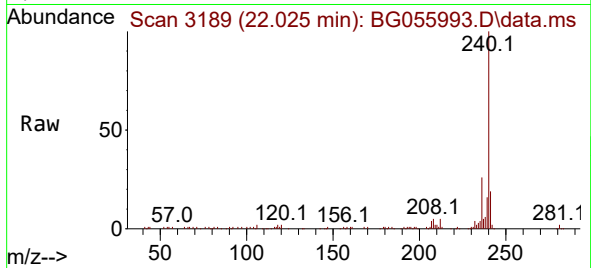




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

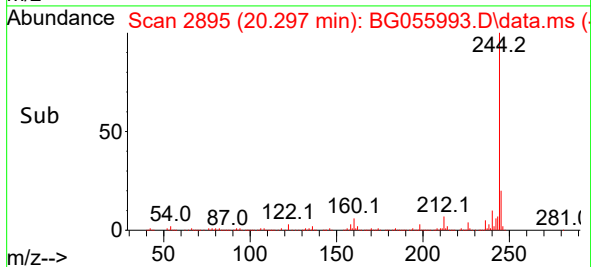
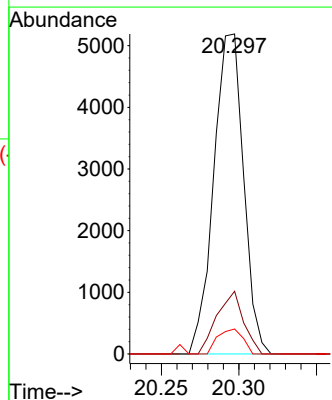
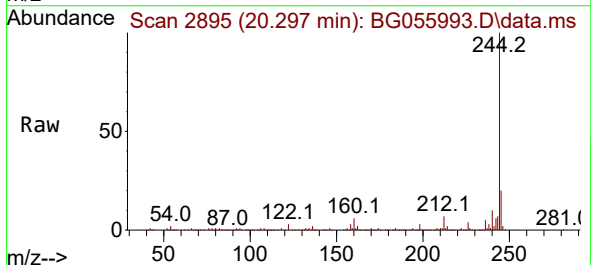
Instrument :
BNA_G
ClientSampleId :
PB149627BL

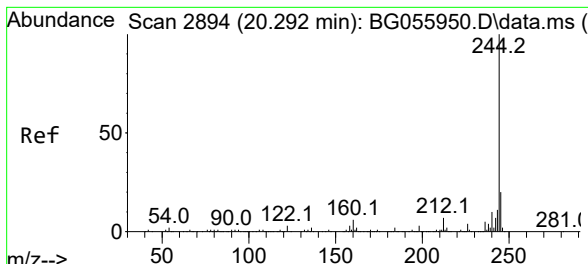
Tgt Ion:240 Resp: 75219
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.1 21.1 31.7



#77
Benzidine
Concen: 5.249 ng
RT: 20.297 min Scan# 2895
Delta R.T. 0.381 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:184 Resp: 6934
Ion Ratio Lower Upper
184 100
185 19.6 10.9 16.3#
183 7.8 9.2 13.8#



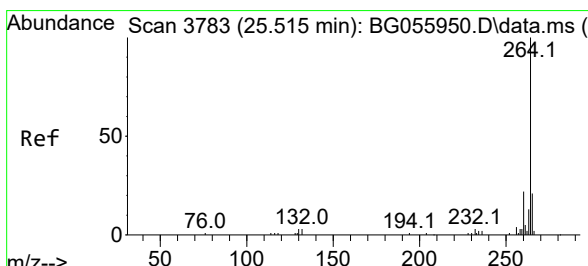
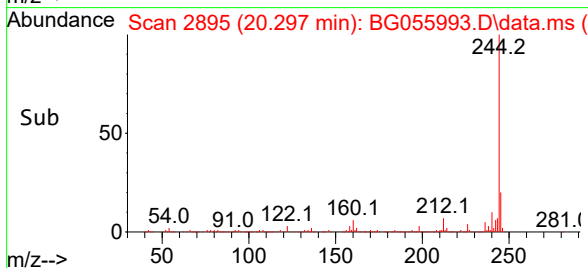
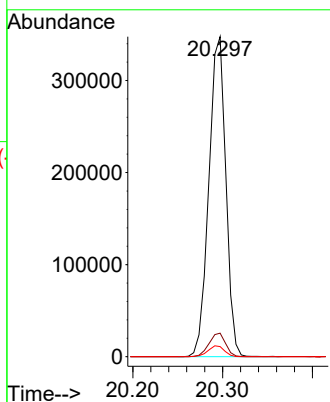
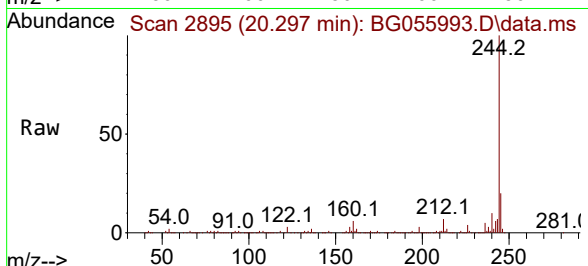


#79
 Terphenyl-d14
 Concen: 107.177 ng
 RT: 20.297 min Scan# 2895
 Delta R.T. 0.005 min
 Lab File: BG055993.D
 Acq: 16 Dec 2022 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BL

Tgt Ion:244 Resp: 456138

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	3.1	2.5	3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.532 min Scan# 3786
 Delta R.T. -0.000 min
 Lab File: BG055993.D
 Acq: 16 Dec 2022 14:10

Tgt Ion:264 Resp: 90475

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.8
265	21.7	16.6	25.0

