

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054222.D
 Acq On : 7 Jul 2022 12:39
 Operator : CG/JU
 Sample : PB146067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146067BL

Quant Time: Jul 07 13:37:41 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 27 00:27:54 2022
 Response via : Initial Calibration

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

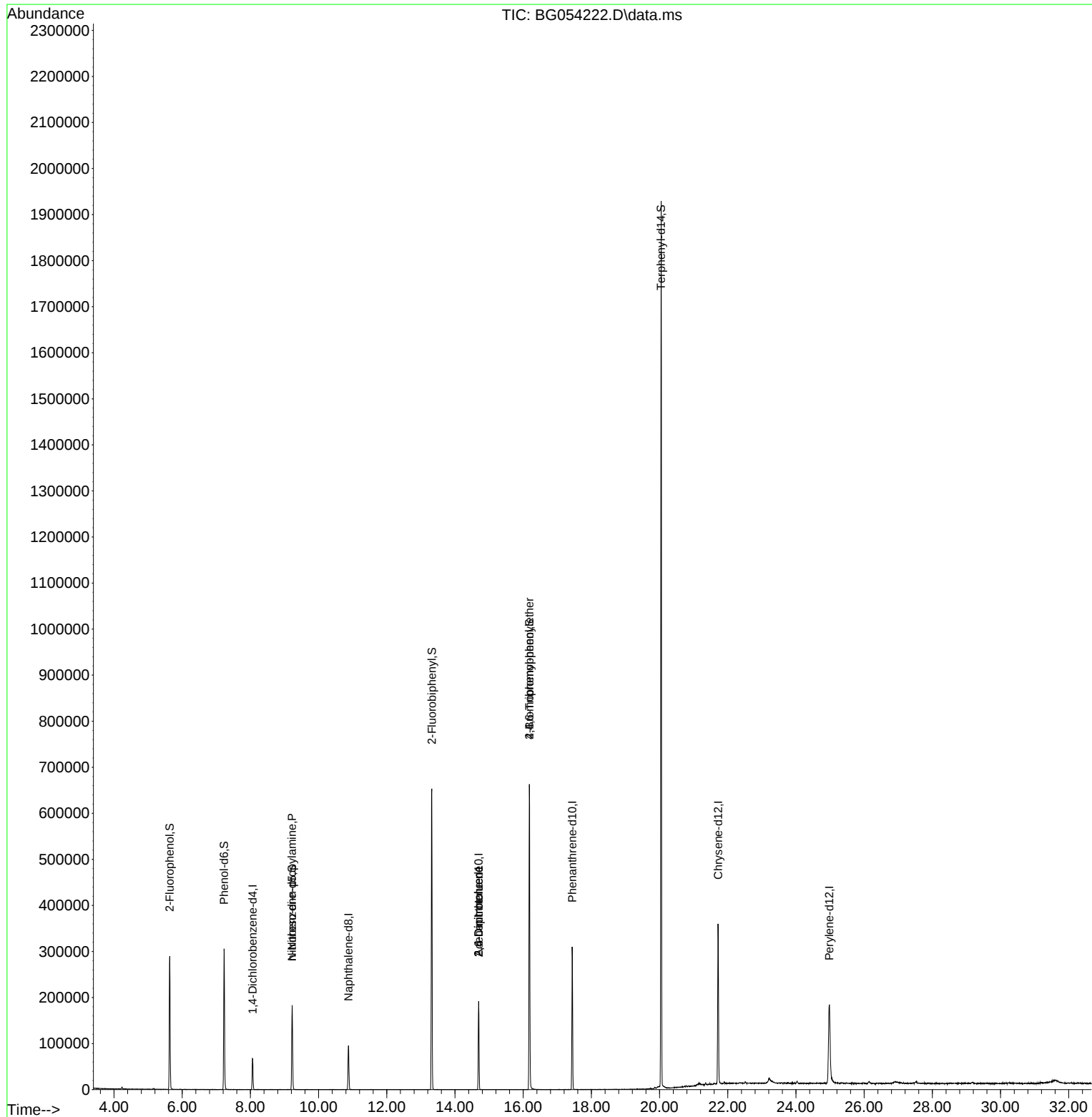
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	21955	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	91285	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	74977	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	220078	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	248176	20.000	ng	0.00
86) Perylene-d12	24.975	264	253913	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	133402	116.171	ng	0.00
7) Phenol-d6	7.225	99	186060	119.438	ng	0.00
23) Nitrobenzene-d5	9.223	82	121037	74.512	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	176873	146.827	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	384217	74.517	ng	0.00
79) Terphenyl-d14	20.045	244	1064302	86.374	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.223	70	16575	15.837	ng	# 79
51) 2,6-Dinitrotoluene	14.693	165	10303	8.931	ng	# 16
57) 2,4-Dinitrotoluene	14.693	165	10303	6.323	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	11049	4.020	ng	# 1

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

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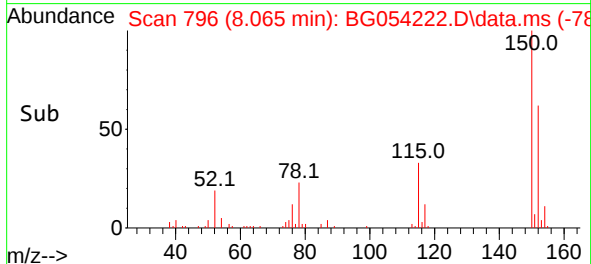
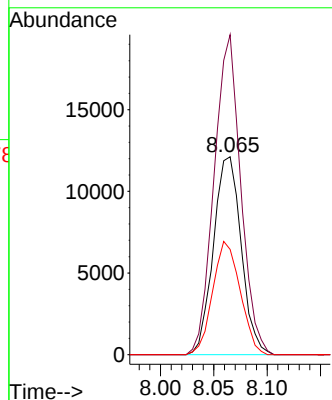
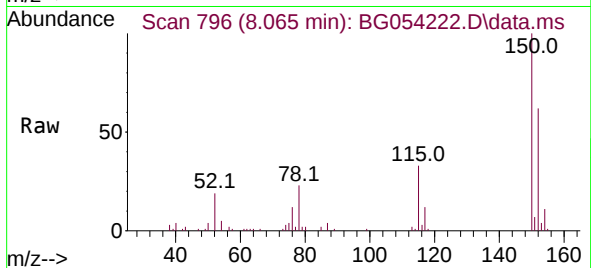




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 796
Delta R.T. -0.005 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

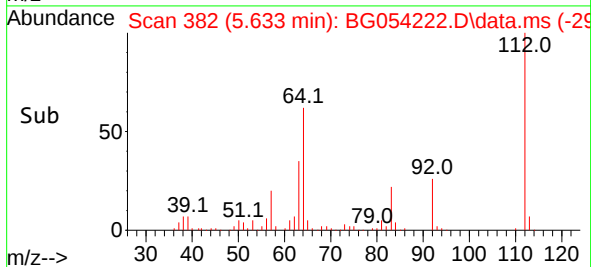
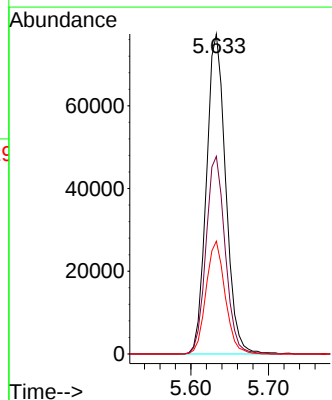
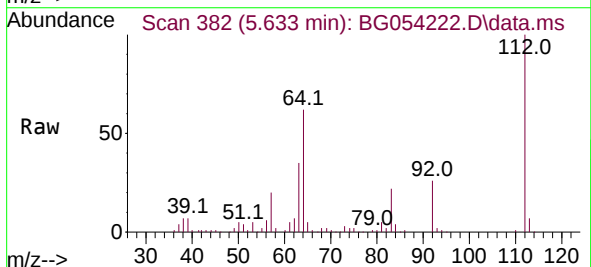
Instrument :
BNA_G
ClientSampleId :
PB146067BL

Tgt Ion:152 Resp: 21955
Ion Ratio Lower Upper
152 100
150 161.7 131.6 197.4
115 53.2 50.9 76.3



#5
2-Fluorophenol
Concen: 116.171 ng
RT: 5.633 min Scan# 382
Delta R.T. -0.005 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

Tgt Ion:112 Resp: 133402
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 35.2 30.4 45.6

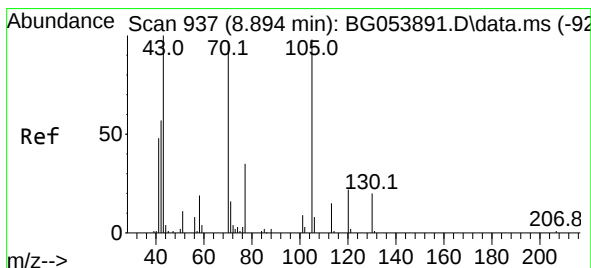
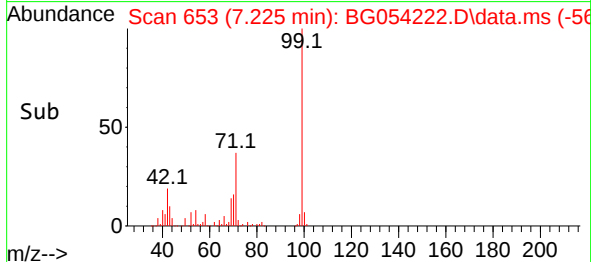
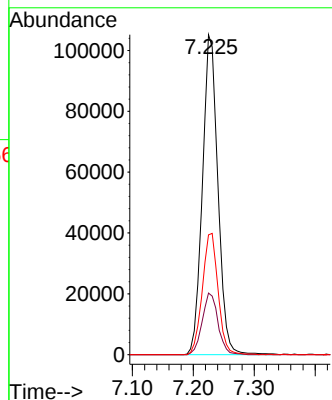
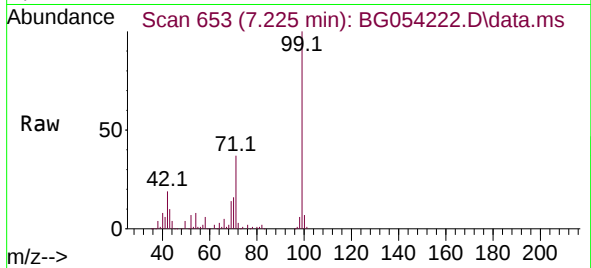




#7
Phenol-d6
Concen: 119.438 ng
RT: 7.225 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

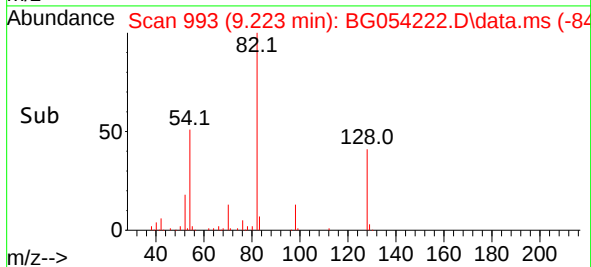
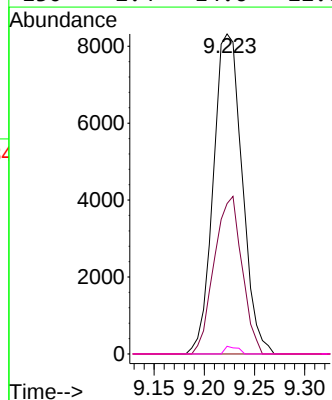
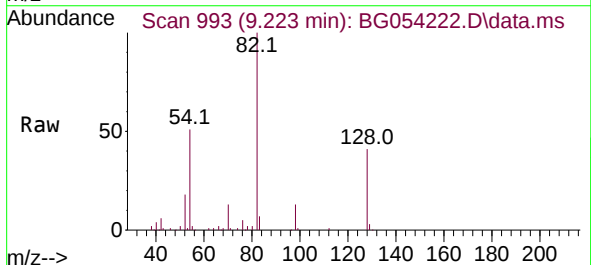
Instrument :
BNA_G
ClientSampleId :
PB146067BL

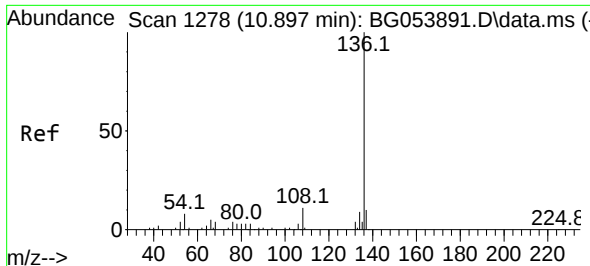
Tgt Ion: 99 Resp: 186060
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 37.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.837 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.347 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

Tgt Ion: 70 Resp: 16575
Ion Ratio Lower Upper
70 100
42 47.0 47.3 70.9#
101 0.0 7.0 10.4#
130 2.4 14.6 22.0#

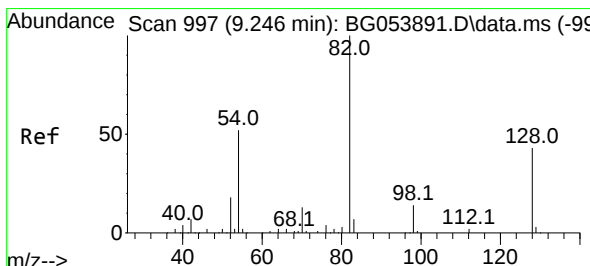
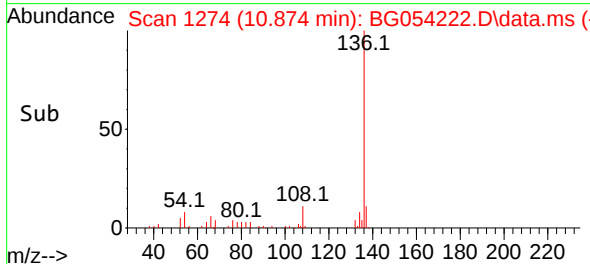
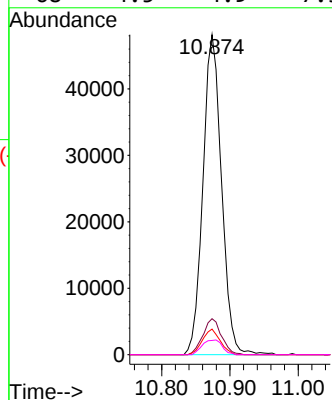
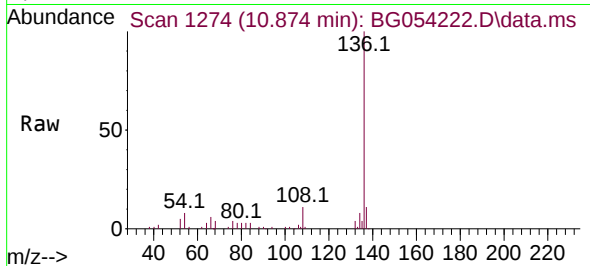




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.874 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

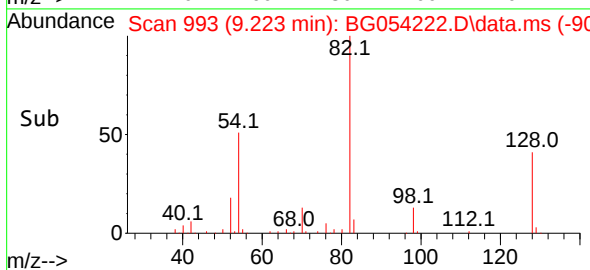
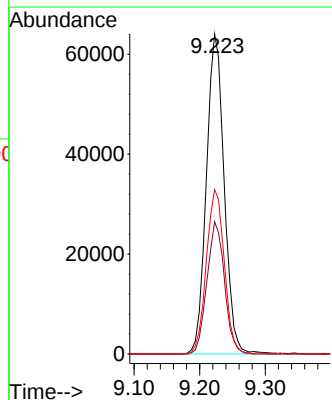
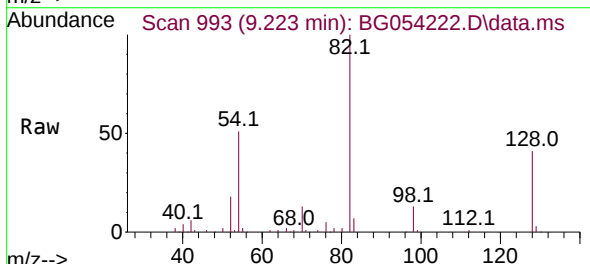
Instrument :
BNA_G
ClientSampleId :
PB146067BL

Tgt Ion:	136	Resp:	91285
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	8.0	7.4	11.2
68	4.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 74.512 ng
RT: 9.223 min Scan# 993
Delta R.T. -0.011 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

Tgt Ion:	82	Resp:	121037
Ion Ratio	Lower	Upper	
82	100		
128	41.4	27.9	41.9
54	51.4	41.2	61.8

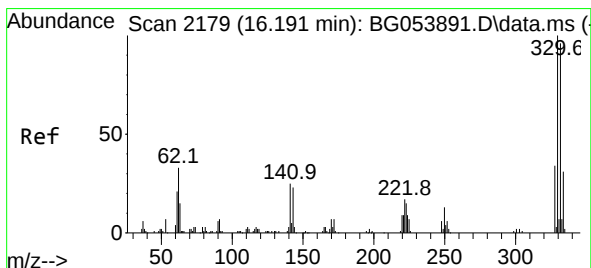
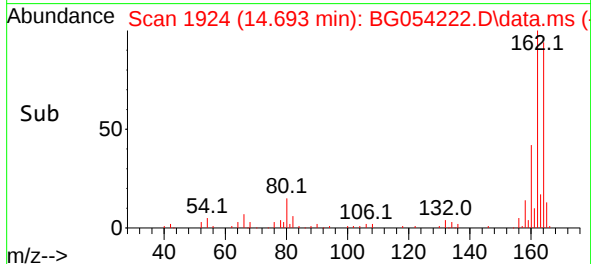
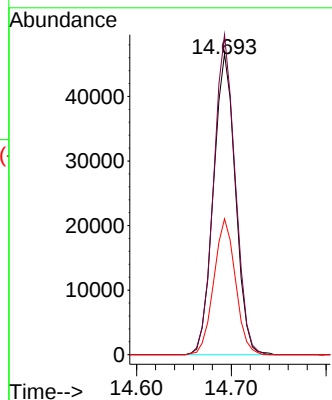
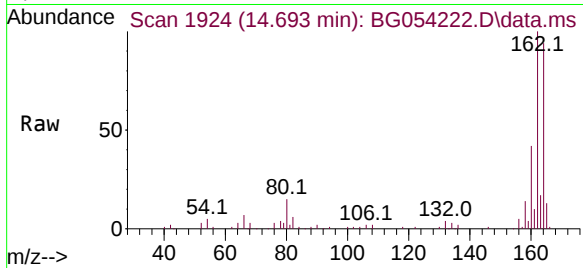




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.693 min Scan# 1924
 Delta R.T. -0.005 min
 Lab File: BG054222.D
 Acq: 7 Jul 2022 12:39

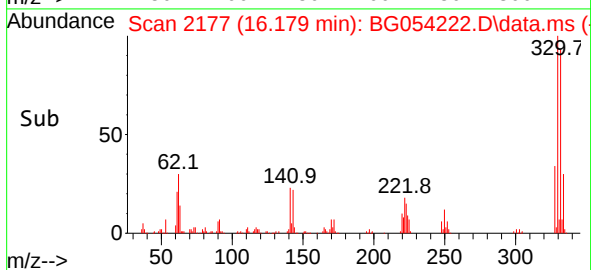
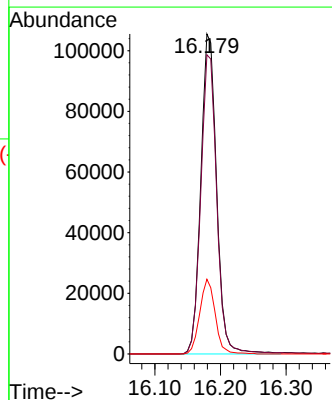
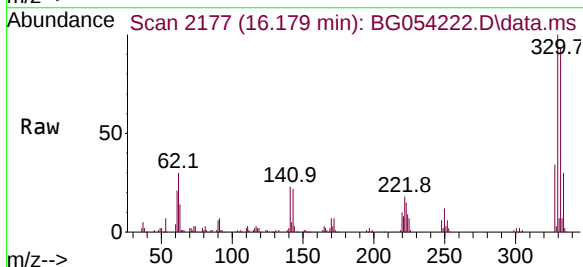
Instrument :
 BNA_G
 ClientSampleId :
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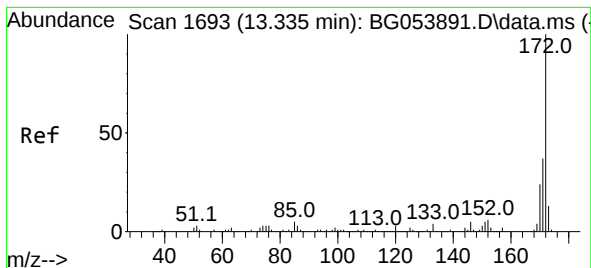
Tgt Ion:164 Resp: 74977
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.3 123.5
 160 45.1 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 146.827 ng
 RT: 16.179 min Scan# 2177
 Delta R.T. -0.005 min
 Lab File: BG054222.D
 Acq: 7 Jul 2022 12:39

Tgt Ion:330 Resp: 176873
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.0 114.0
 141 22.8 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 74.517 ng

RT: 13.318 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054222.D

Acq: 7 Jul 2022 12:39

Instrument :

BNA_G

ClientSampleId :

PB146067BL

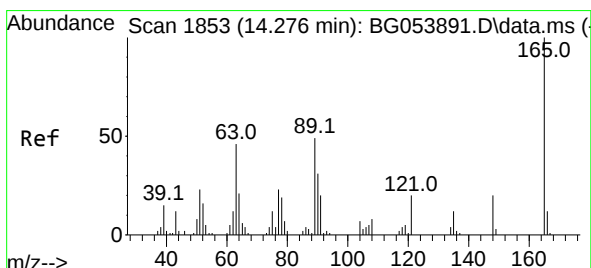
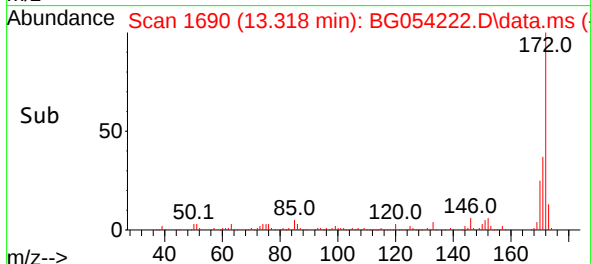
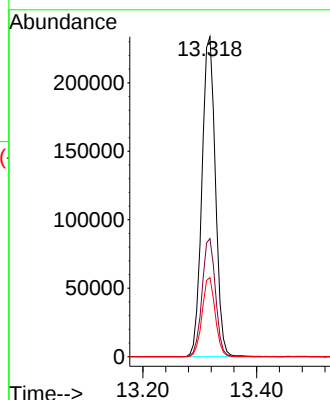
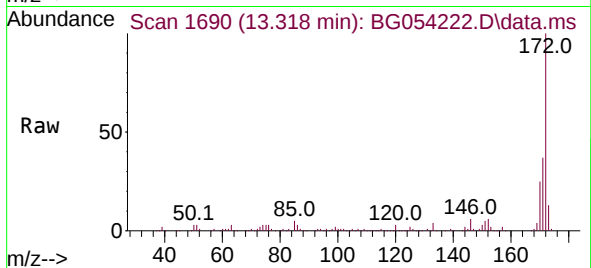
Tgt Ion:172 Resp: 384217

Ion Ratio Lower Upper

172 100

171 36.9 28.5 42.7

170 24.7 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.931 ng

RT: 14.693 min Scan# 1924

Delta R.T. 0.430 min

Lab File: BG054222.D

Acq: 7 Jul 2022 12:39

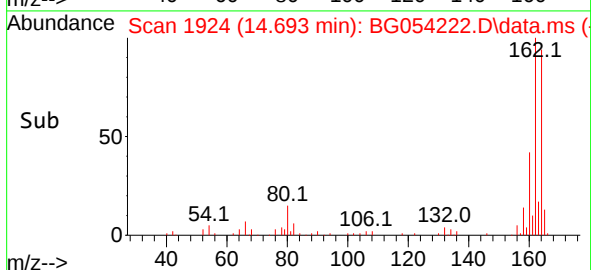
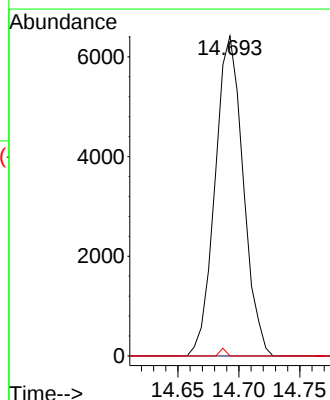
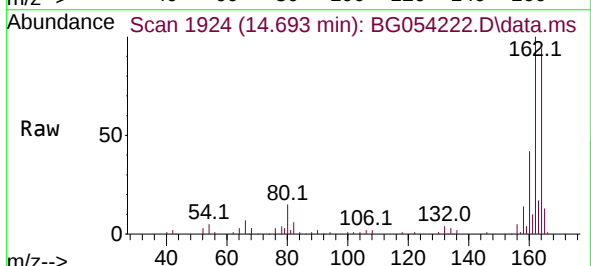
Tgt Ion:165 Resp: 10303

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

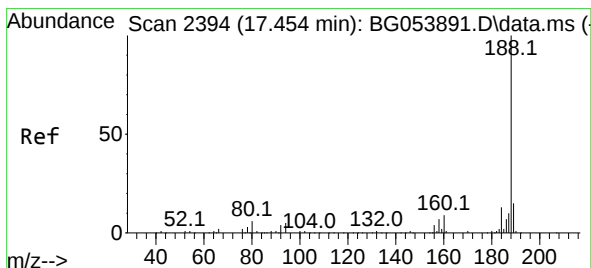
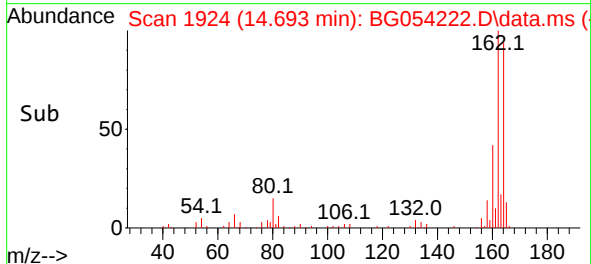
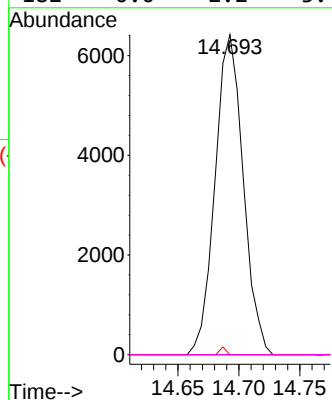
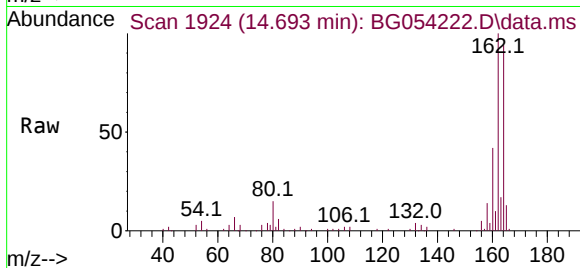




#57
2,4-Dinitrotoluene
Concen: 6.323 ng
RT: 14.693 min Scan# 1987
Delta R.T. -0.358 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

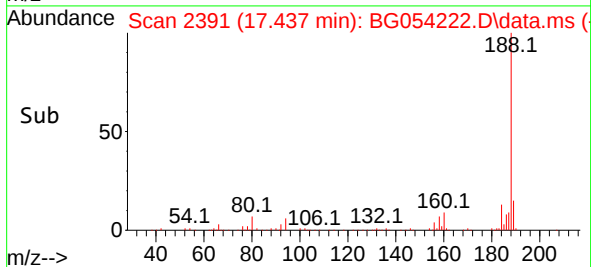
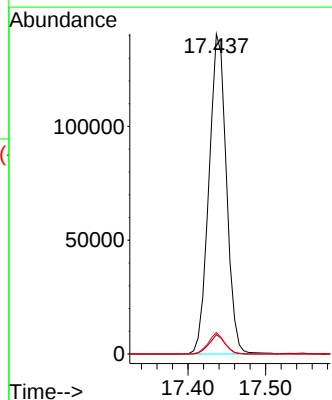
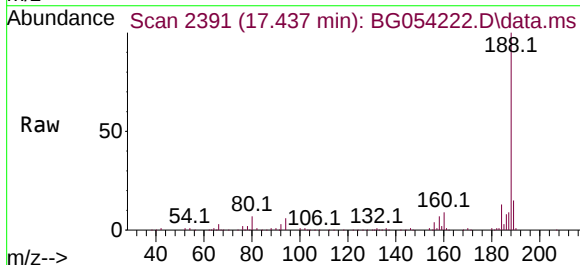
Instrument :
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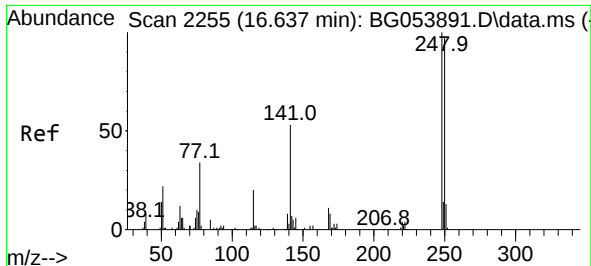
Tgt Ion:165 Resp: 10303
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 2391
Delta R.T. -0.005 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

Tgt Ion:188 Resp: 220078
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.7 6.8 10.2#

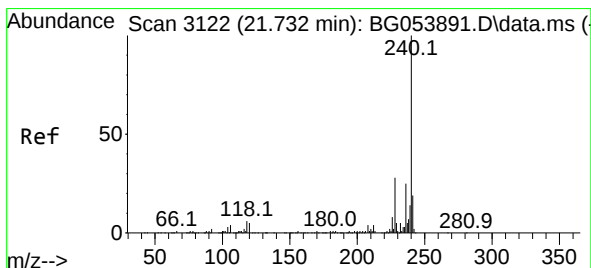
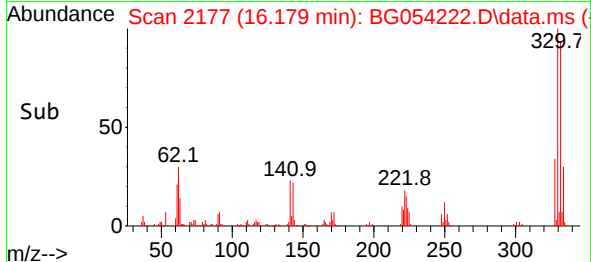
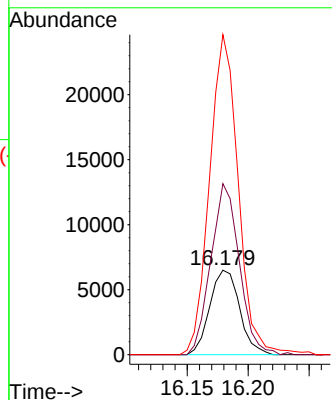
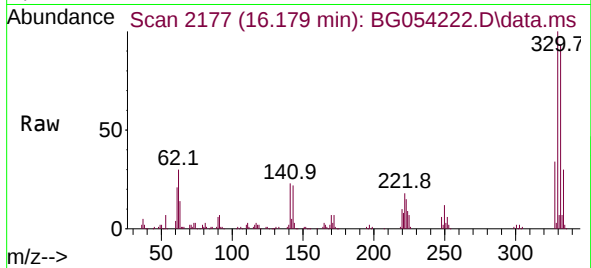




#67
4-Bromophenyl-phenylether
Concen: 4.020 ng
RT: 16.179 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

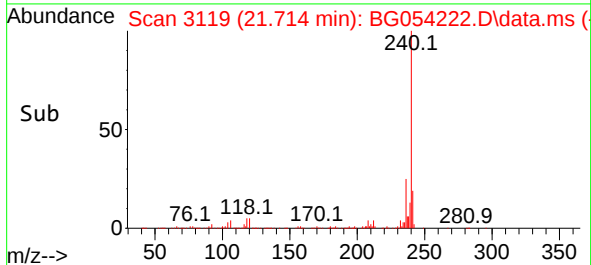
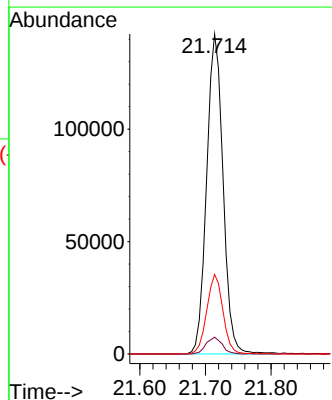
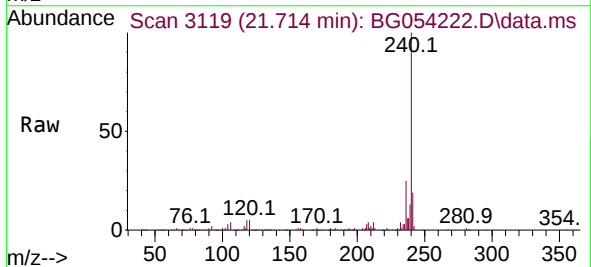
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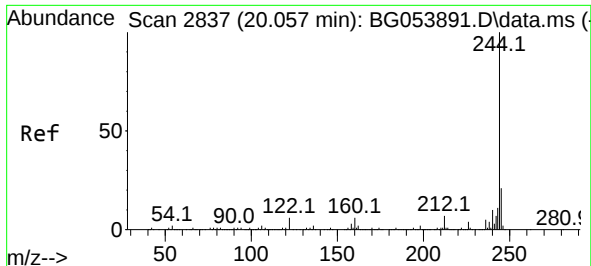
Tgt Ion:248 Resp: 11049
Ion Ratio Lower Upper
248 100
250 202.3 75.2 112.8#
141 378.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054222.D
Acq: 7 Jul 2022 12:39

Tgt Ion:240 Resp: 248176
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 24.8 20.2 30.4

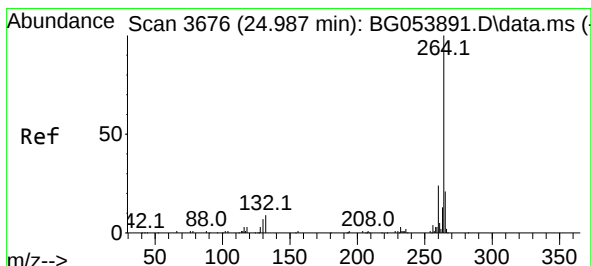
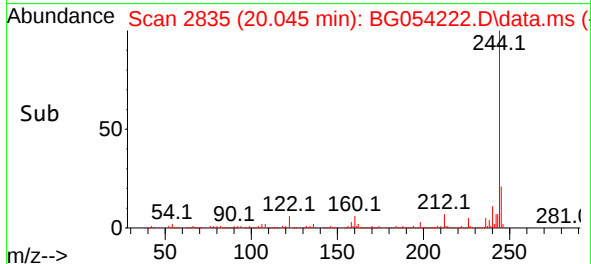
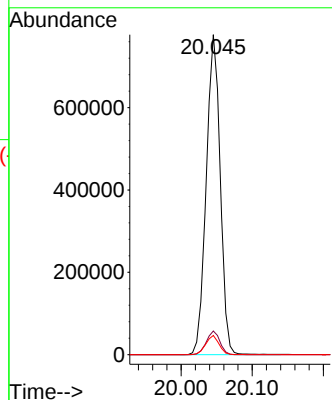
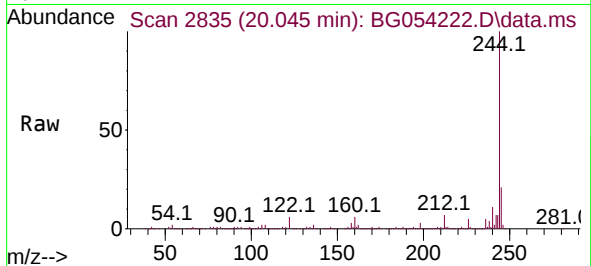




#79
 Terphenyl-d14
 Concen: 86.374 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054222.D
 Acq: 7 Jul 2022 12:39

Instrument :
 BNA_G
 ClientSampleId :
 PB146067BL

Tgt Ion:244 Resp: 1064302
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.975 min Scan# 3674
 Delta R.T. 0.012 min
 Lab File: BG054222.D
 Acq: 7 Jul 2022 12:39

Tgt Ion:264 Resp: 253913
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 22.0 17.4 26.2

