

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053840.D
 Acq On : 7 Jun 2022 17:03
 Operator : CG/JU
 Sample : N3194-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jun 08 02:51:01 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)

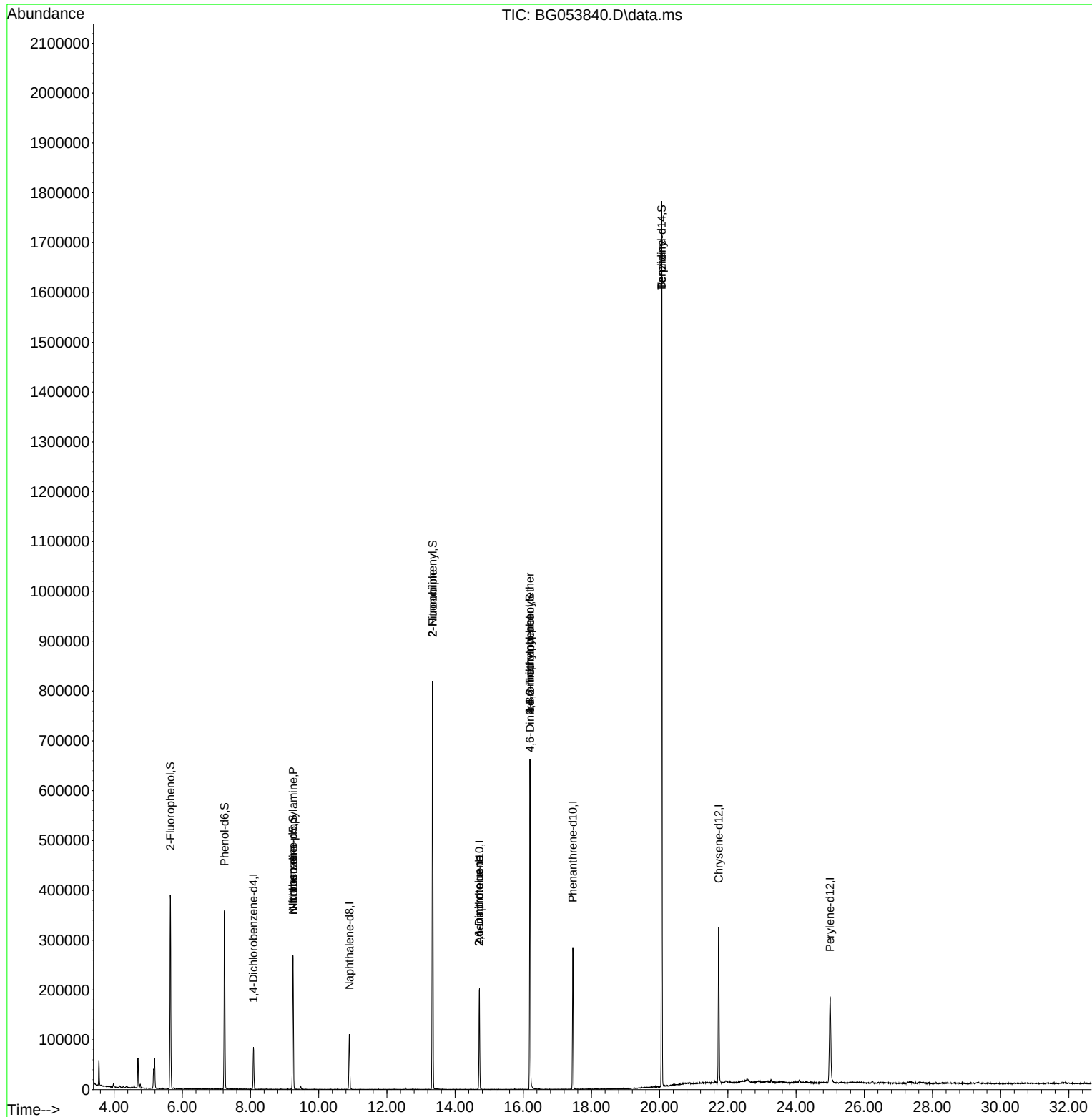
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	25410	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	103840	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	78937	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	206313	20.000	ng	0.00
76) Chrysene-d12	21.731	240	215914	20.000	ng	0.00
86) Perylene-d12	24.997	264	210924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	184438	133.291	ng	0.00
7) Phenol-d6	7.242	99	220130	117.441	ng	0.00
23) Nitrobenzene-d5	9.245	82	174591	110.411	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	156463	163.291	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	473936	89.820	ng	0.00
79) Terphenyl-d14	20.062	244	988988	91.124	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	23561	17.748	ng	# 79
24) Nitrobenzene	9.251	77	394	3.182	ng	# 48
48) 2-Nitroaniline	13.340	65	680	5.587	ng	# 1
51) 2,6-Dinitrotoluene	14.709	165	10627	13.423	ng	# 16
57) 2,4-Dinitrotoluene	14.709	165	10627	11.228	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.202	198	323	5.964	ng	# 63
67) 4-Bromophenyl-phenylether	16.196	248	9864	4.400	ng	# 1
77) Benzidine	20.062	184	13695	2.594	ng	# 93

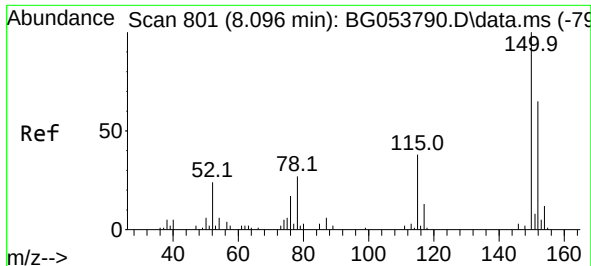
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
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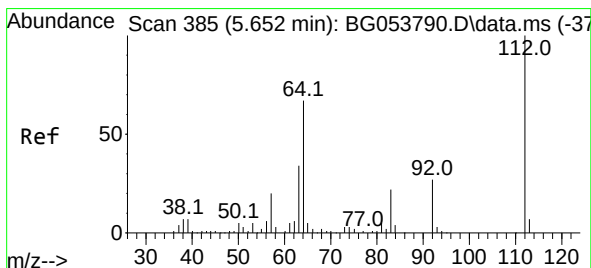
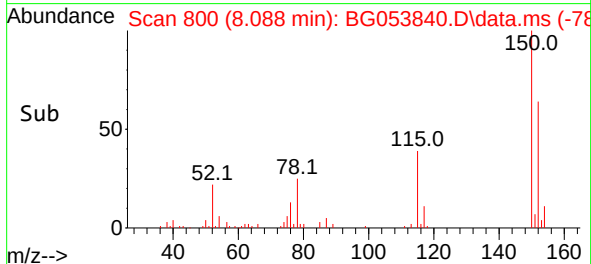
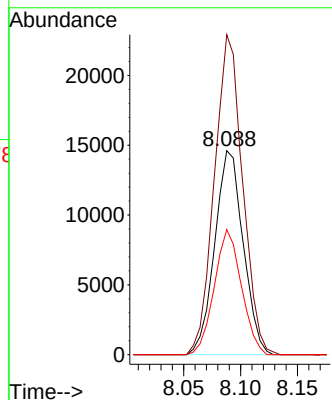
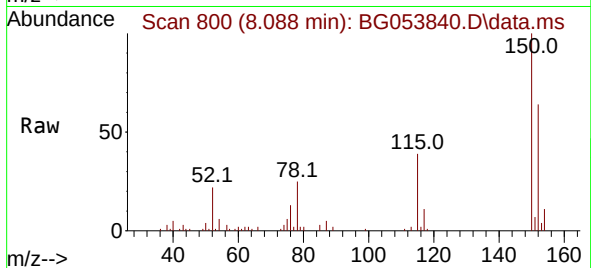




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

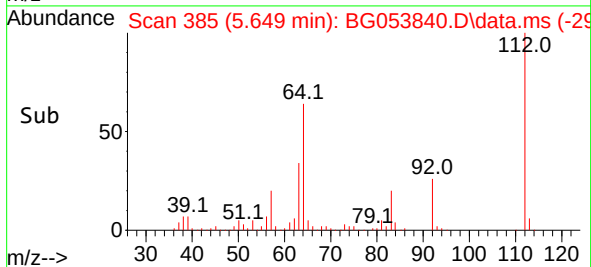
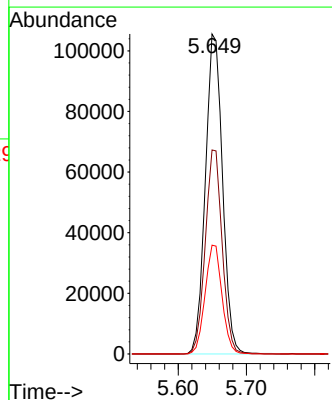
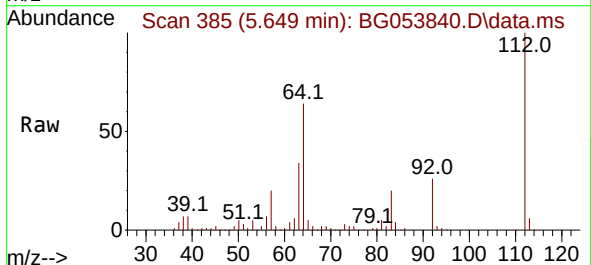
Instrument :
BNA_G
ClientSampleId :
TP-3

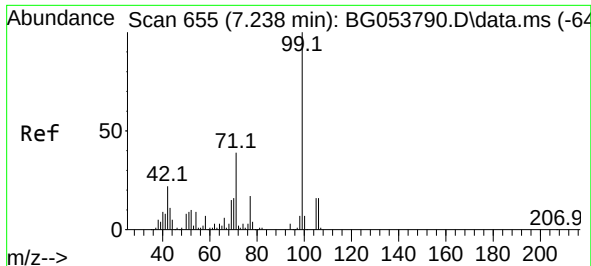
Tgt Ion:152 Resp: 25410
Ion Ratio Lower Upper
152 100
150 156.9 131.6 197.4
115 61.3 50.9 76.3



#5
2-Fluorophenol
Concen: 133.291 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:112 Resp: 184438
Ion Ratio Lower Upper
112 100
64 63.8 55.1 82.7
63 34.0 30.4 45.6

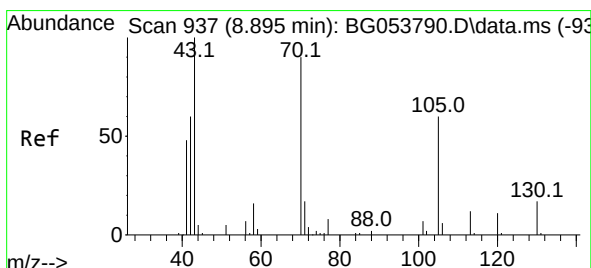
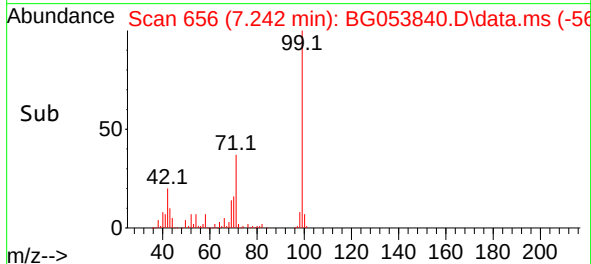
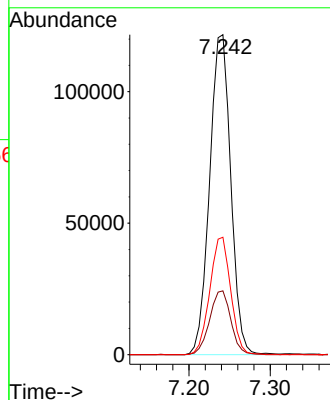
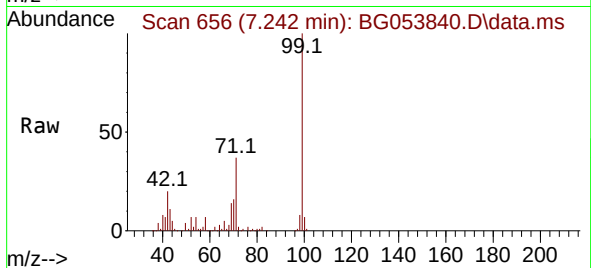




#7
Phenol-d6
Concen: 117.441 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

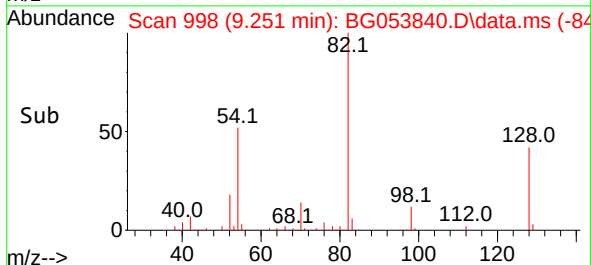
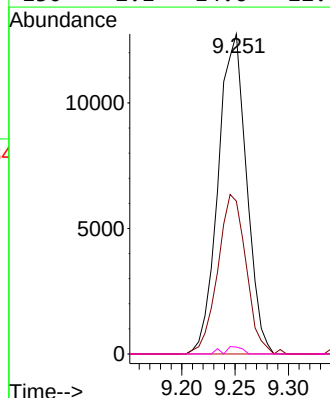
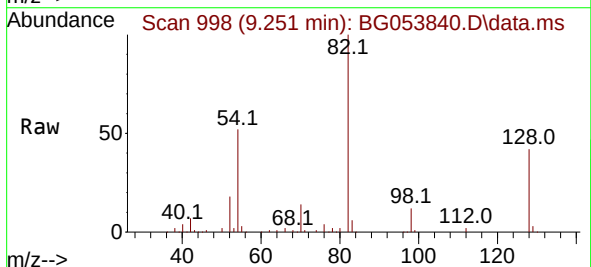
Instrument :
BNA_G
ClientSampleId :
TP-3

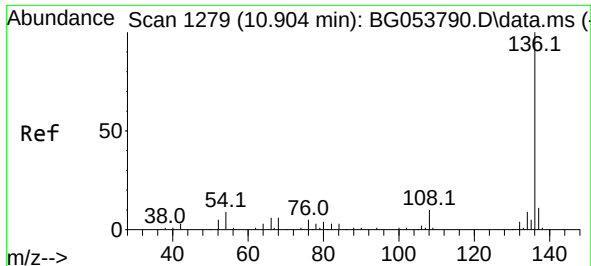
Tgt Ion: 99 Resp: 220130
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 36.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.748 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion: 70 Resp: 23561
Ion Ratio Lower Upper
70 100
42 47.8 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

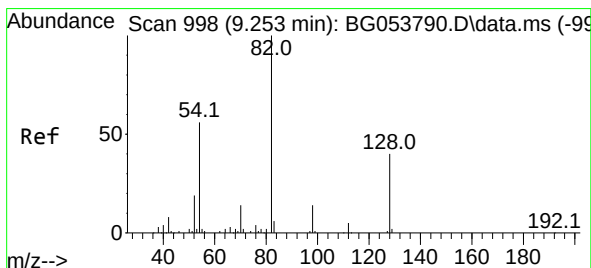
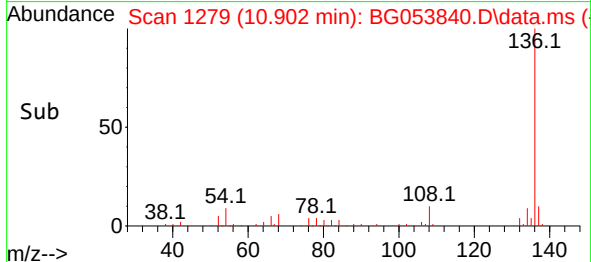
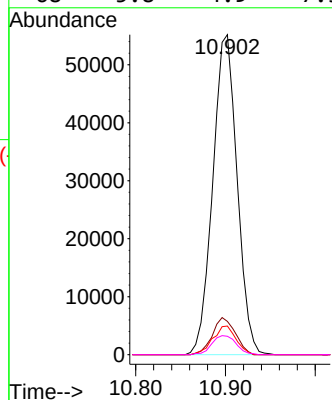
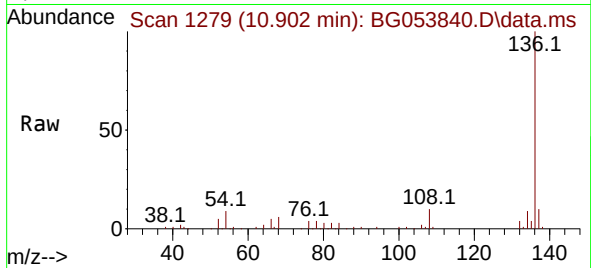




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

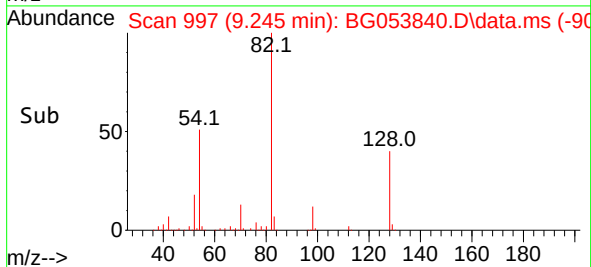
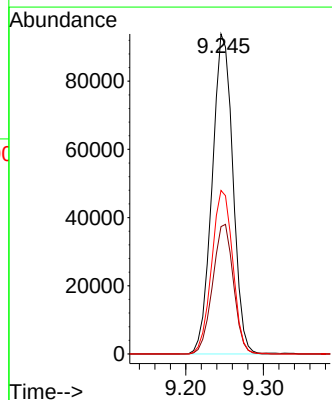
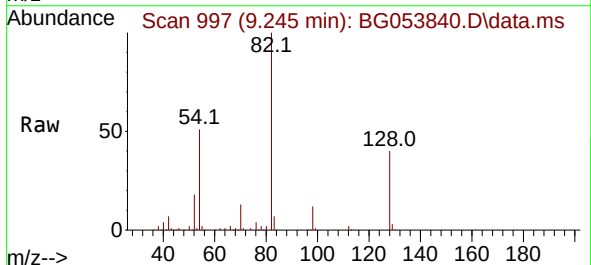
Instrument :
BNA_G
ClientSampleId :
TP-3

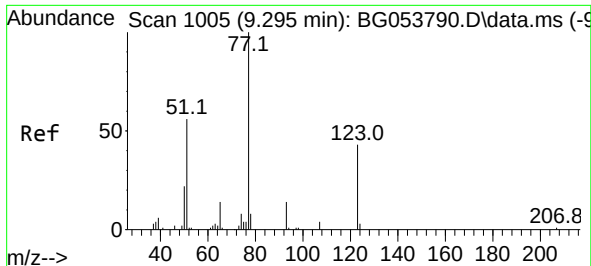
Tgt Ion:	136	Resp:	103840
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	9.0	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 110.411 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:	82	Resp:	174591
Ion Ratio	Lower	Upper	
82	100		
128	39.8	27.9	41.9
54	51.1	41.2	61.8

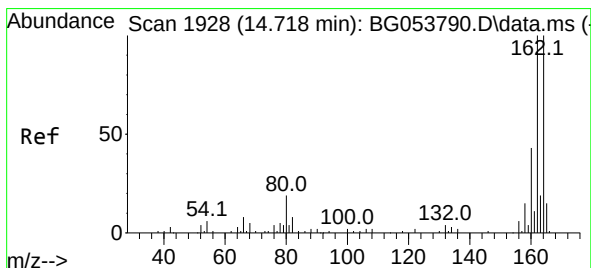
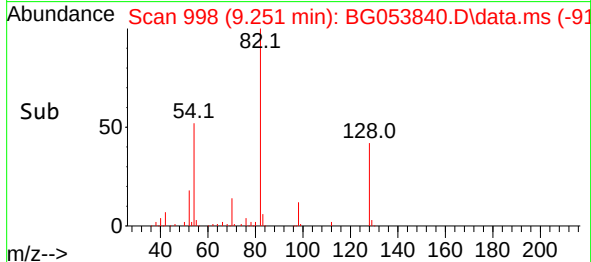
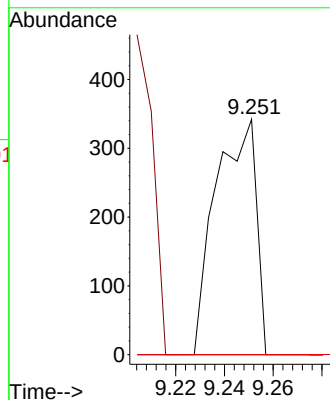
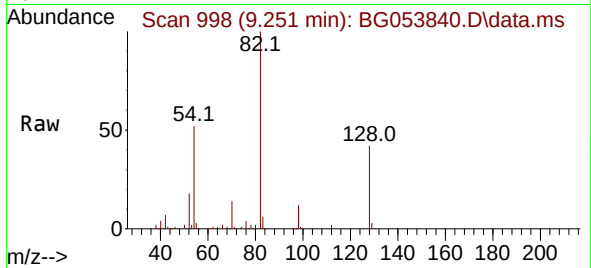




#24
Nitrobenzene
Concen: 3.182 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.044 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

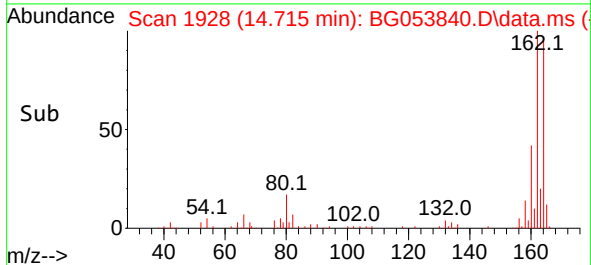
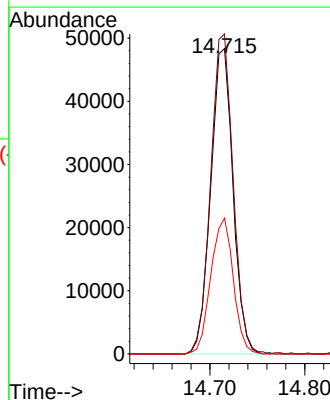
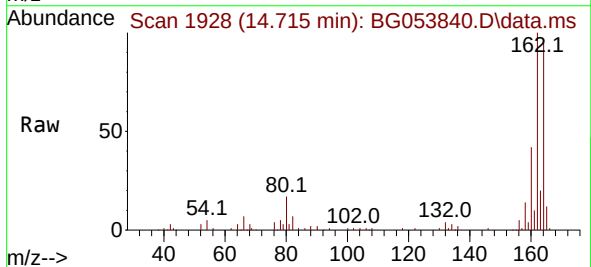
Instrument :
BNA_G
ClientSampleId :
TP-3

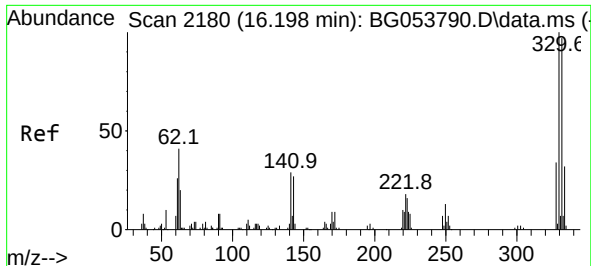
Tgt Ion: 77 Resp: 394
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:164 Resp: 78937
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 44.5 34.2 51.2

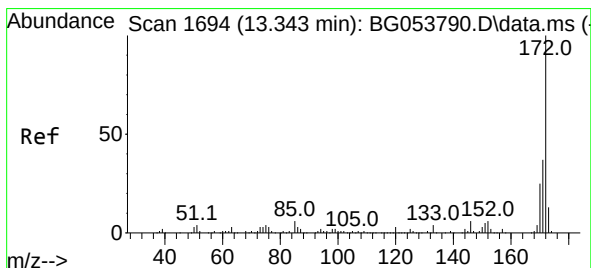
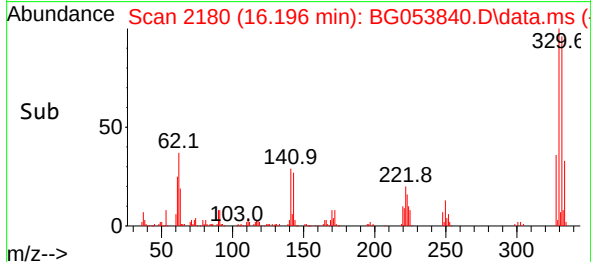
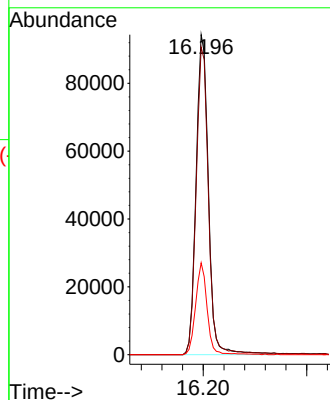
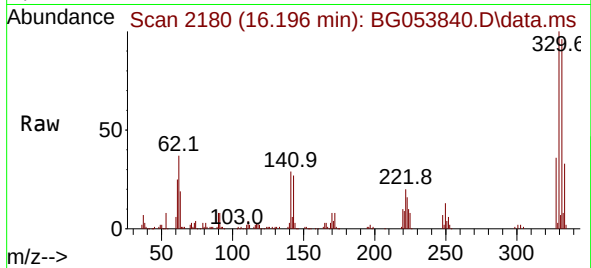




#42
 2,4,6-Tribromophenol
 Concen: 163.291 ng
 RT: 16.196 min Scan# 2180
 Delta R.T. -0.002 min
 Lab File: BG053840.D
 Acq: 7 Jun 2022 17:03

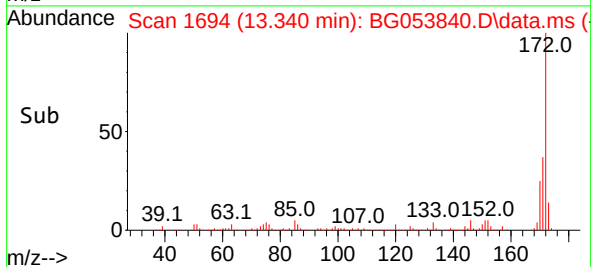
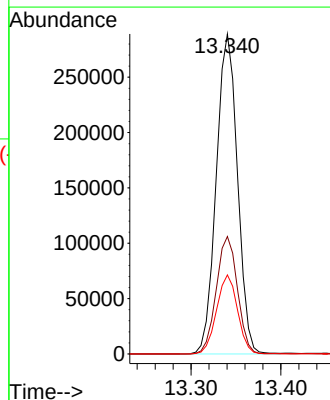
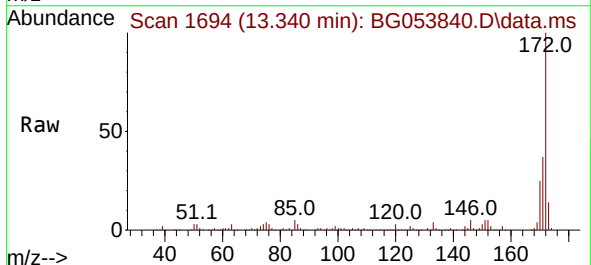
Instrument :
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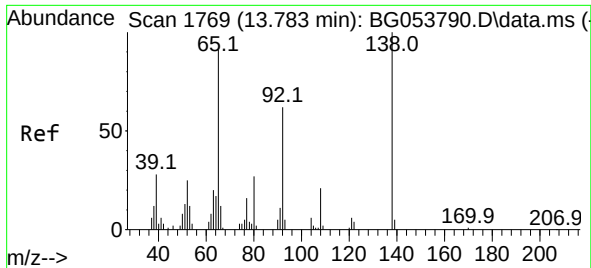
Tgt Ion:330 Resp: 156463
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 26.7 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 89.820 ng
 RT: 13.340 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: BG053840.D
 Acq: 7 Jun 2022 17:03

Tgt Ion:172 Resp: 473936
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 24.7 18.9 28.3

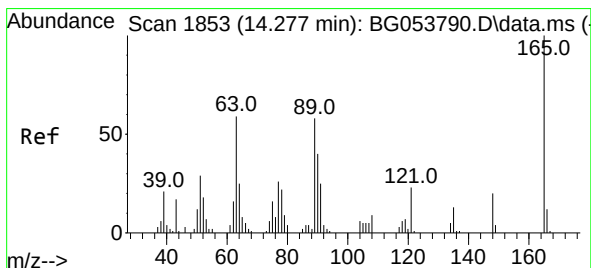
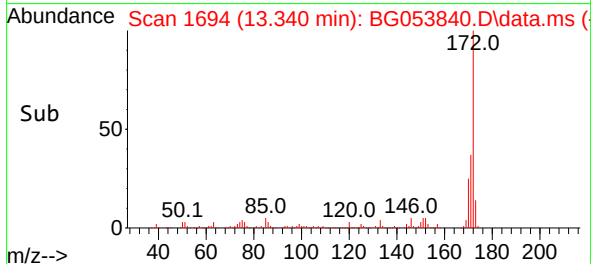
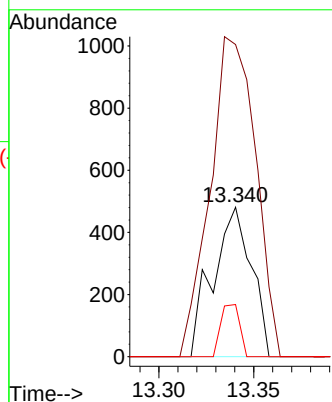
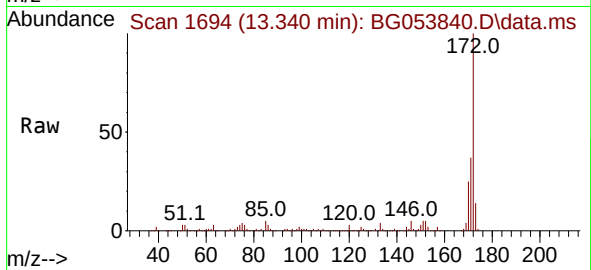




#48
2-Nitroaniline
Concen: 5.587 ng
RT: 13.340 min Scan# 1
Delta R.T. -0.443 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

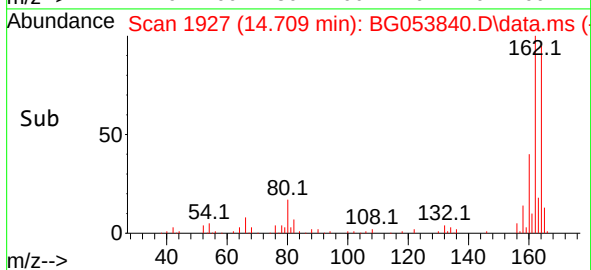
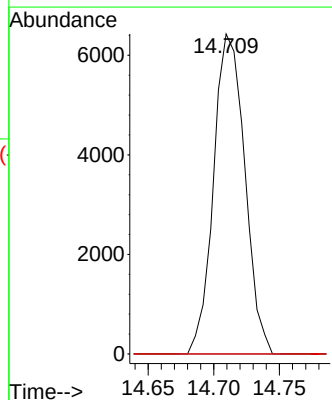
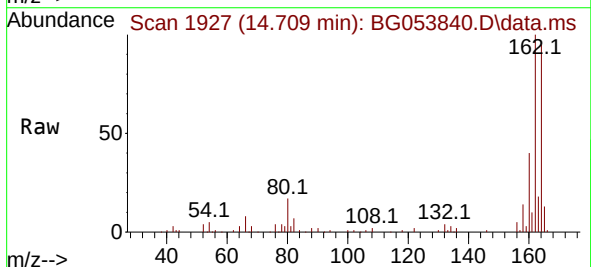
Instrument :
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ClientSampleId :
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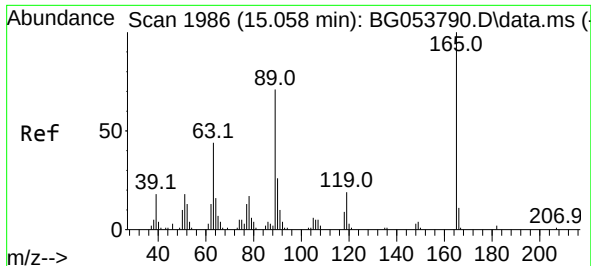
Tgt Ion: 65 Resp: 680
Ion Ratio Lower Upper
65 100
92 208.9 51.5 77.3#
138 34.9 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.423 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.432 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion: 165 Resp: 10627
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: 11.228 ng

RT: 14.709 min Scan# 1986

Delta R.T. -0.349 min

Lab File: BG053840.D

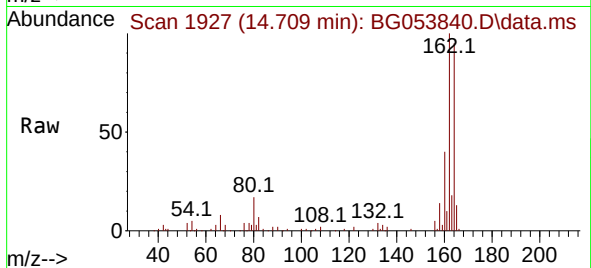
Acq: 7 Jun 2022 17:03

Instrument :

BNA_G

ClientSampleId :

TP-3



Tgt Ion:165 Resp: 10627

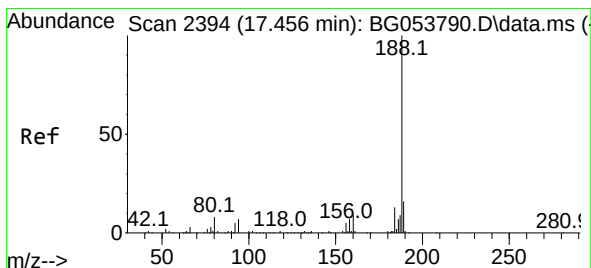
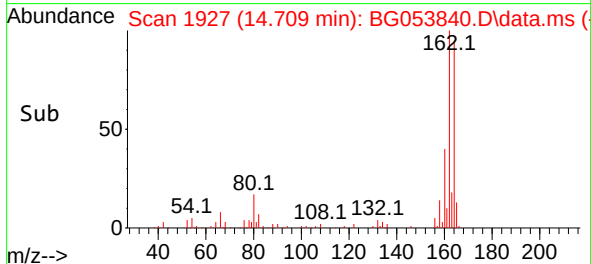
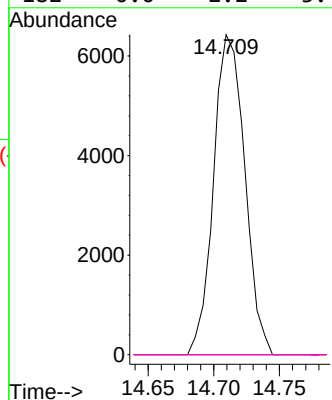
Ion Ratio Lower Upper

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: 17.453 min Scan# 2394

Delta R.T. -0.003 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

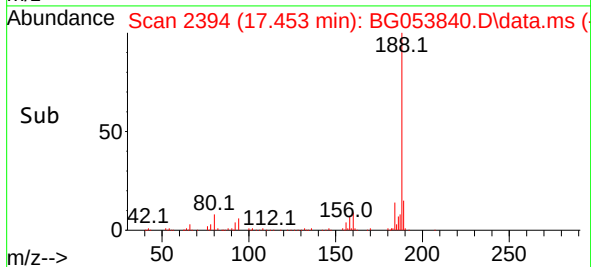
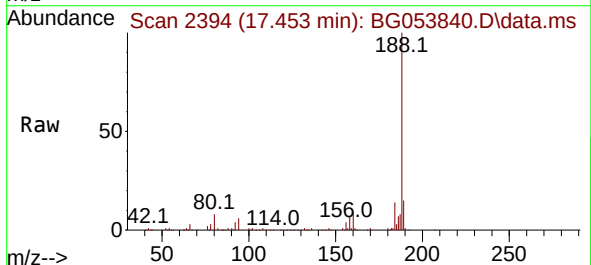
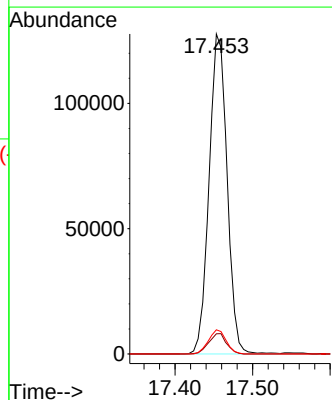
Tgt Ion:188 Resp: 206313

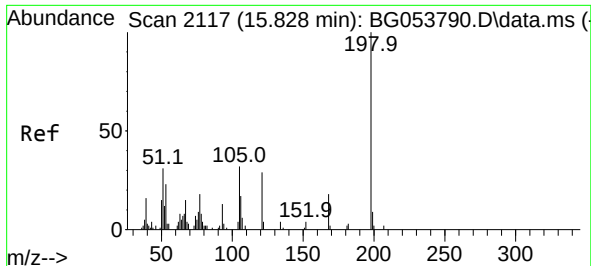
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.6 6.8 10.2

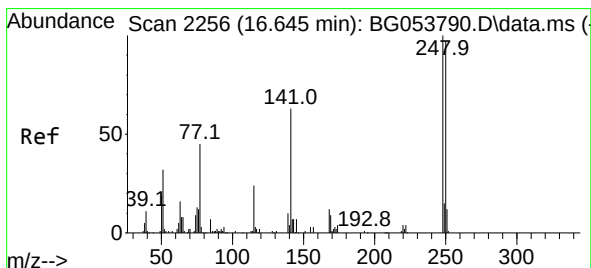
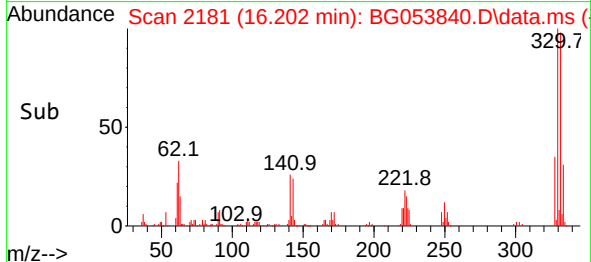
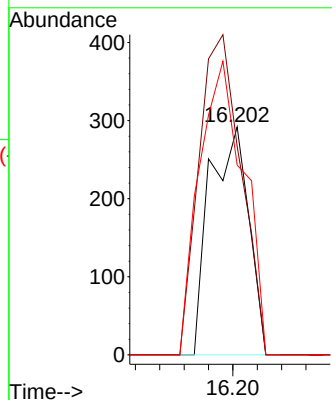
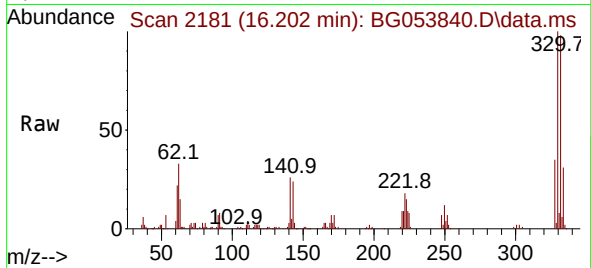




#65
4,6-Dinitro-2-methylphenol
Concen: 5.964 ng
RT: 16.202 min Scan# 2117
Delta R.T. 0.374 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

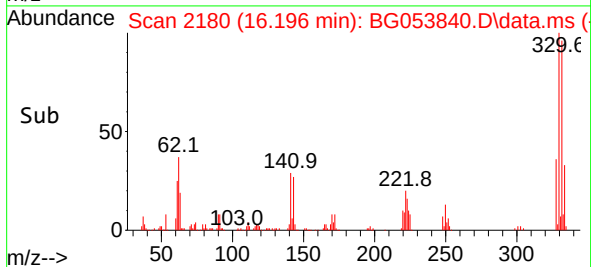
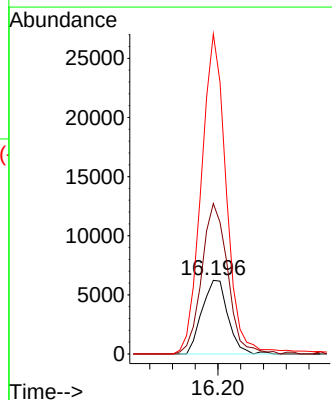
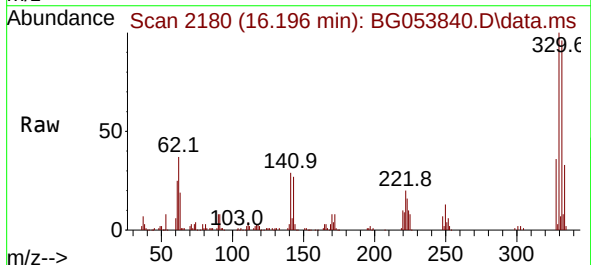
Instrument :
BNA_G
ClientSampleId :
TP-3

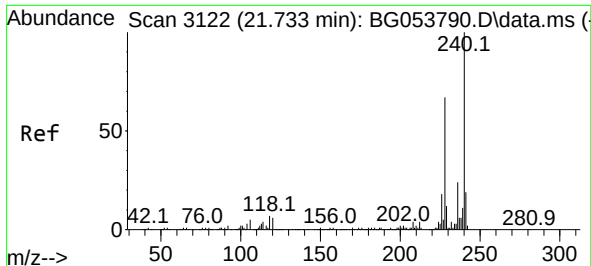
Tgt Ion:198 Resp: 323
Ion Ratio Lower Upper
198 100
51 21.5 28.1 68.1#
105 19.5 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.400 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:248 Resp: 9864
Ion Ratio Lower Upper
248 100
250 264.7 75.2 112.8#
141 434.7 50.0 75.0#

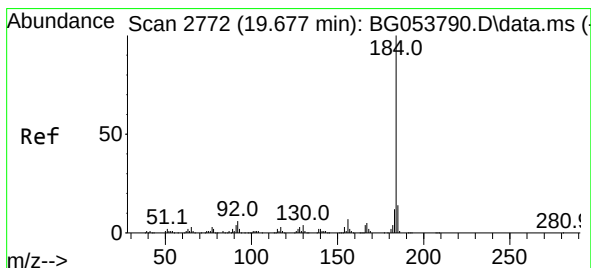
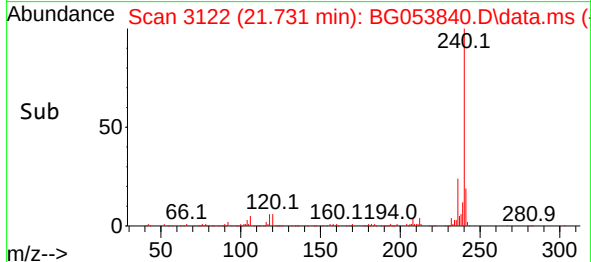
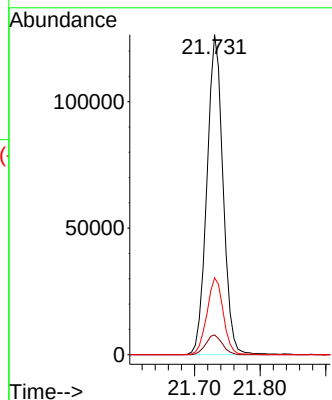
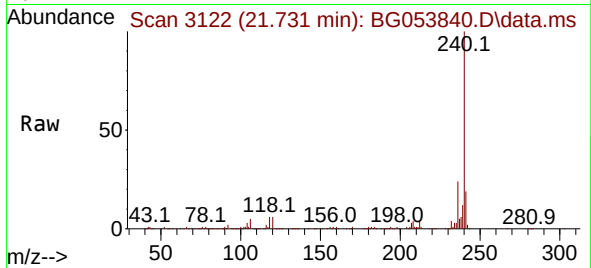




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

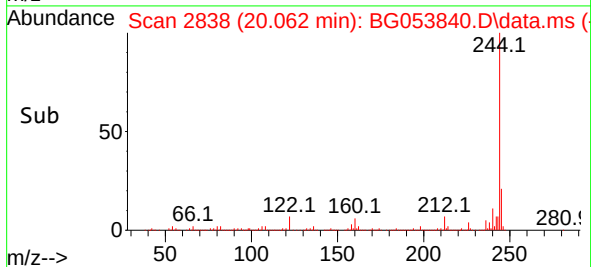
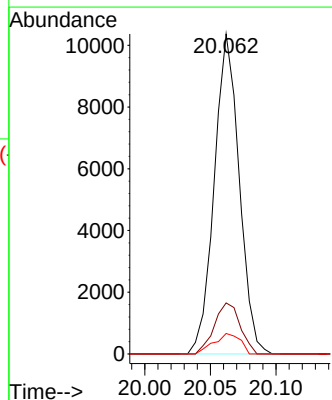
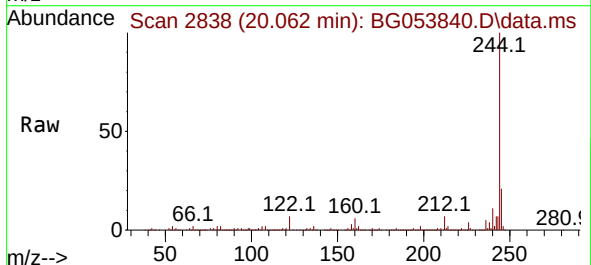
Instrument :
BNA_G
ClientSampleId :
TP-3

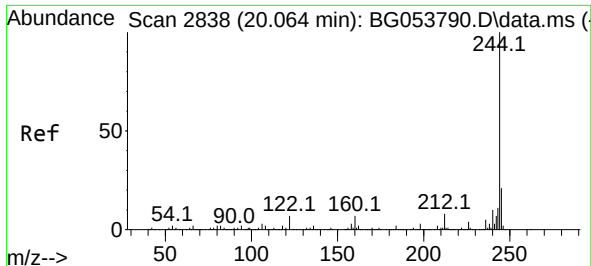
Tgt Ion:240 Resp: 215914
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.0 20.2 30.4



#77
Benzidine
Concen: 2.594 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.385 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:184 Resp: 13695
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.6
183 6.4 8.9 13.3#

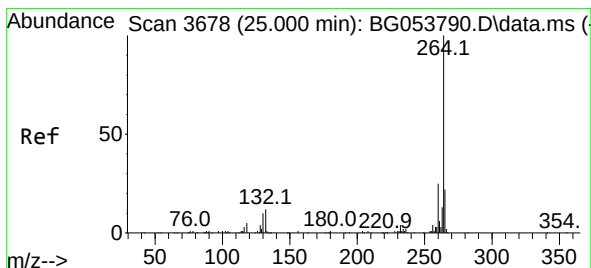
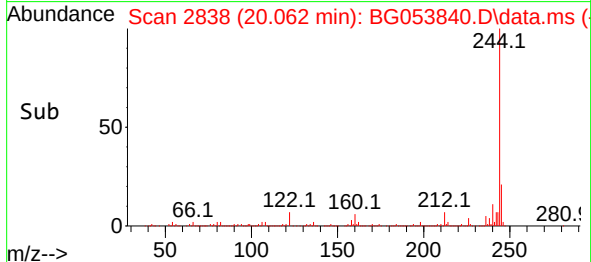
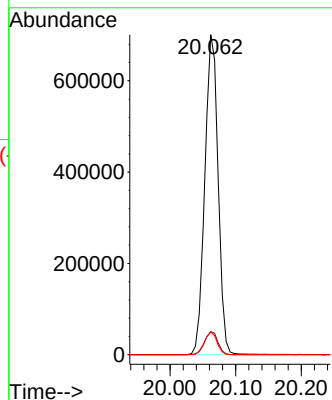
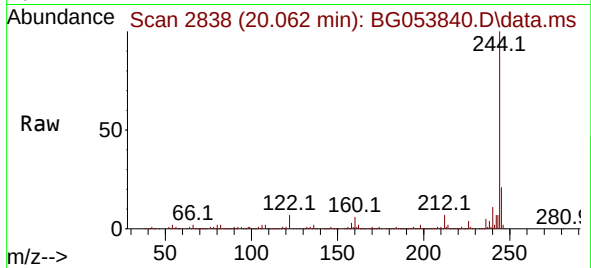




#79
 Terphenyl-d14
 Concen: 91.124 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053840.D
 Acq: 7 Jun 2022 17:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 988988
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 7.0 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: BG053840.D
 Acq: 7 Jun 2022 17:03

Tgt Ion:264 Resp: 210924
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.9 17.4 26.2

