

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053866.D
 Acq On : 9 Jun 2022 18:35
 Operator : CG/JU
 Sample : N3270-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A

Quant Time: Jun 10 01:00:15 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)

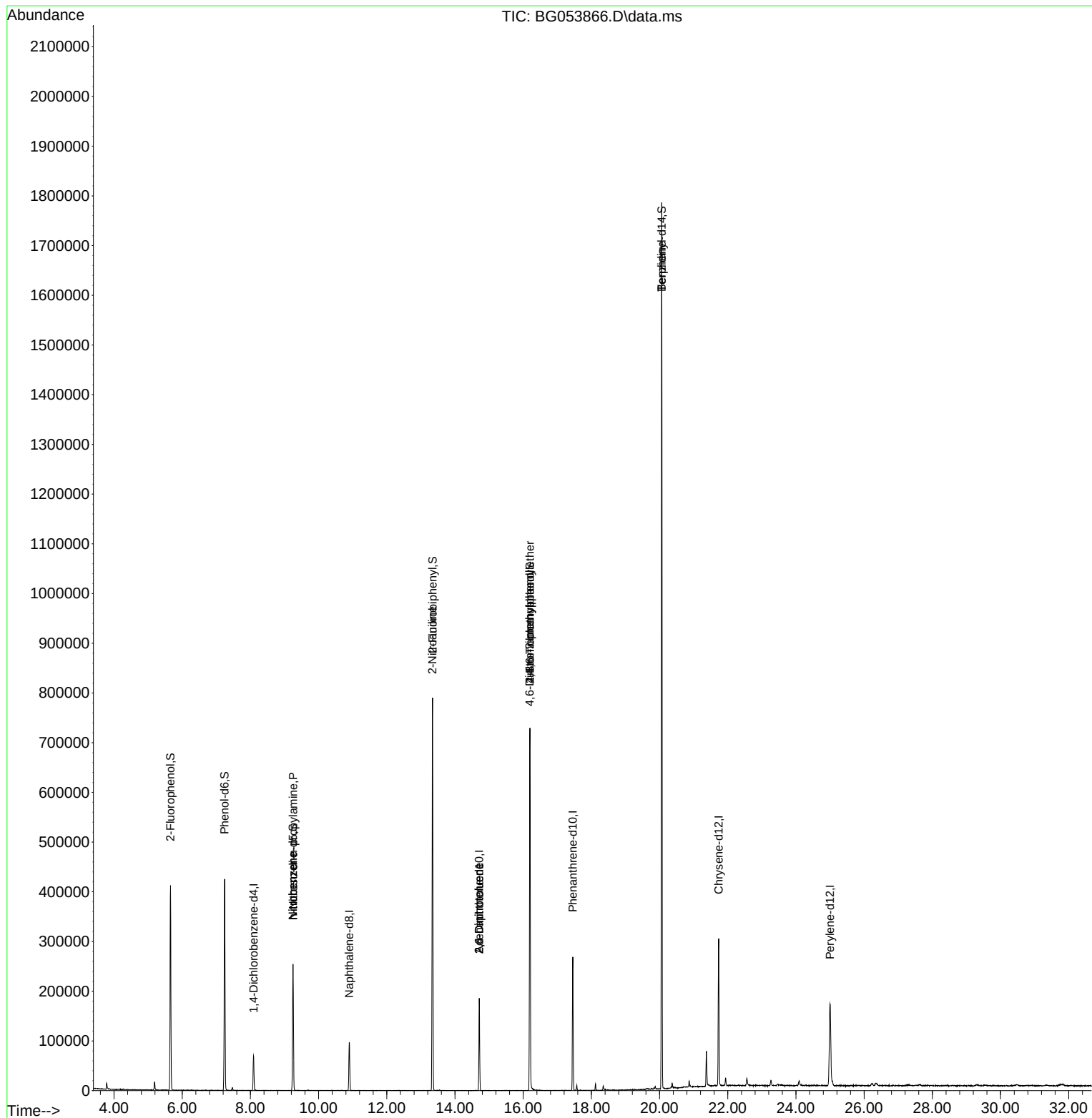
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	22395	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	91418	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	72661	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	191895	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	209171	20.000	ng	0.00
86) Perylene-d12	24.999	264	212061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	194915	159.827	ng	0.00
7) Phenol-d6	7.243	99	257977	156.161	ng	0.00
23) Nitrobenzene-d5	9.247	82	166573	119.654	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	183364	207.895	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	460587	94.830	ng	0.00
79) Terphenyl-d14	20.064	244	993600	94.500	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.253	70	22540	19.264	ng	# 77
24) Nitrobenzene	9.247	77	513	3.282	ng	# 23
48) 2-Nitroaniline	13.336	65	625	5.587	ng	# 2
51) 2,6-Dinitrotoluene	14.711	165	10022	13.654	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	10022	11.396	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.192	198	359	6.034	ng	# 1
67) 4-Bromophenyl-phenylether	16.198	248	11543	5.536	ng	# 1
77) Benzidine	20.064	184	13249	2.590	ng	# 91

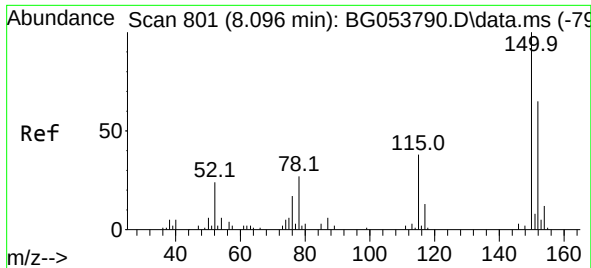
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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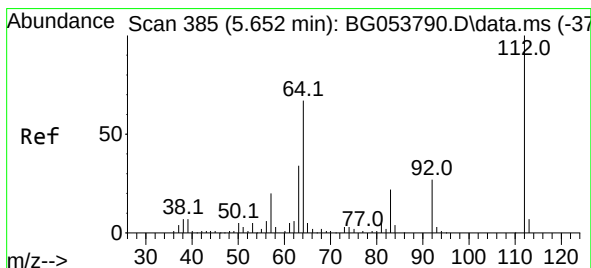
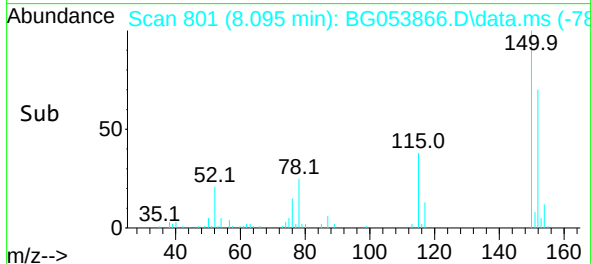
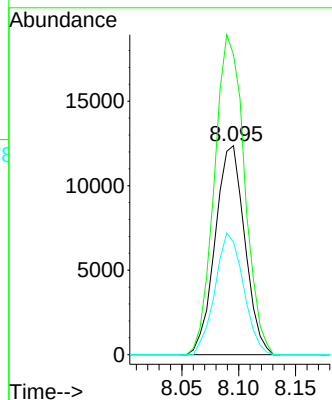
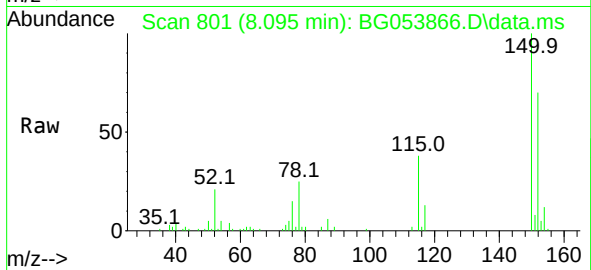




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

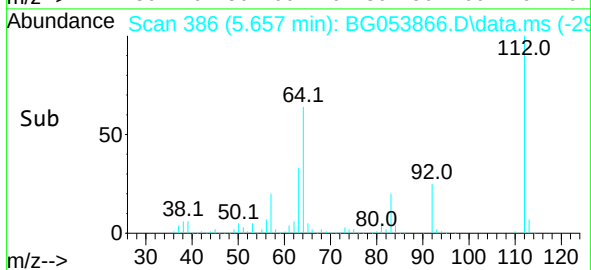
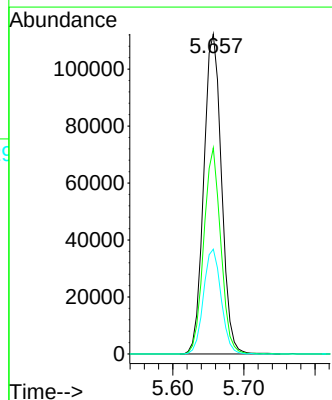
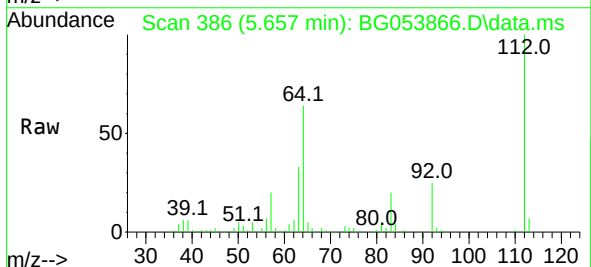
Instrument :
BNA_G
ClientSampleId :
TP-2A

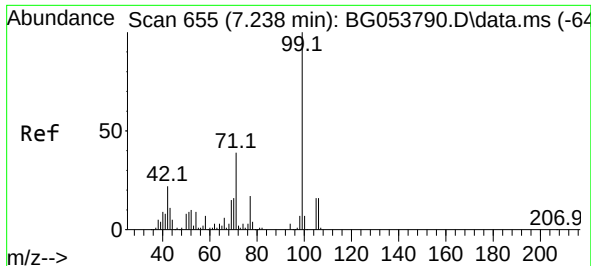
Tgt Ion:152 Resp: 22395
Ion Ratio Lower Upper
152 100
150 143.6 131.6 197.4
115 54.1 50.9 76.3



#5
2-Fluorophenol
Concen: 159.827 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion:112 Resp: 194915
Ion Ratio Lower Upper
112 100
64 64.4 55.1 82.7
63 32.7 30.4 45.6

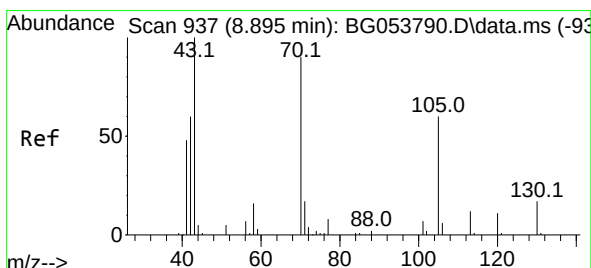
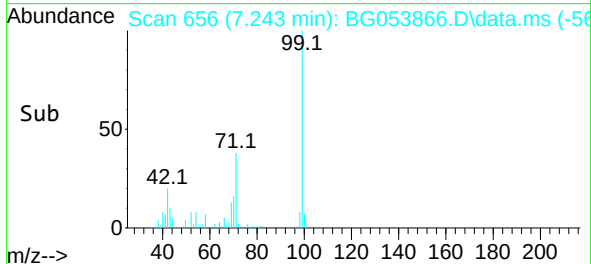
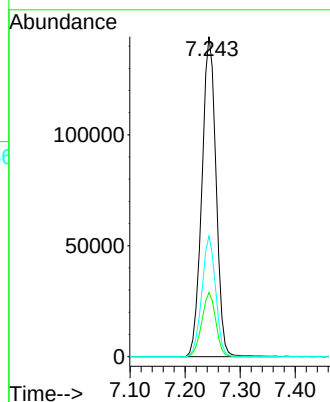
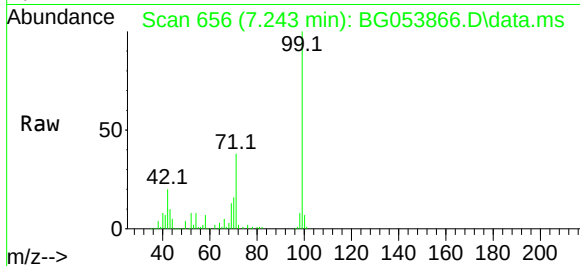




#7
Phenol-d6
Concen: 156.161 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

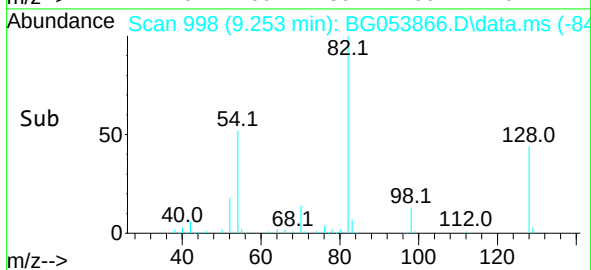
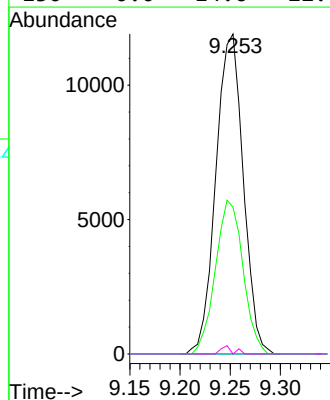
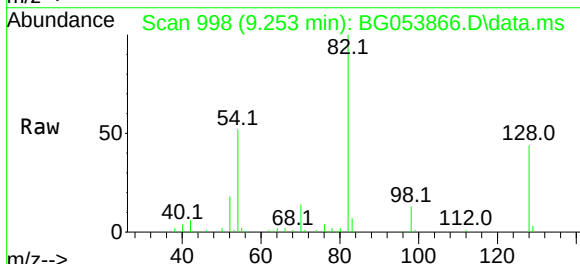
Instrument :
BNA_G
ClientSampleId :
TP-2A

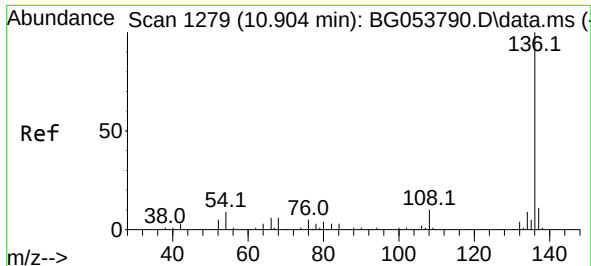
Tgt Ion: 99 Resp: 257977
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 37.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.264 ng
RT: 9.253 min Scan# 998
Delta R.T. 0.358 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion: 70 Resp: 22540
Ion Ratio Lower Upper
70 100
42 45.9 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

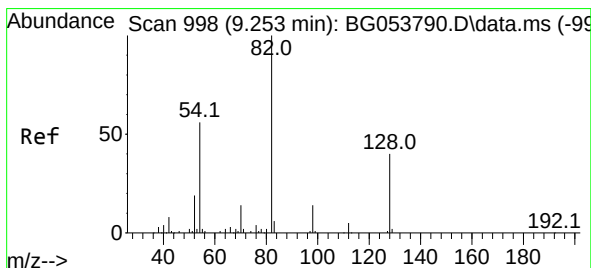
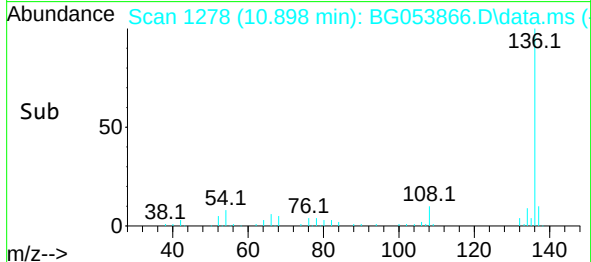
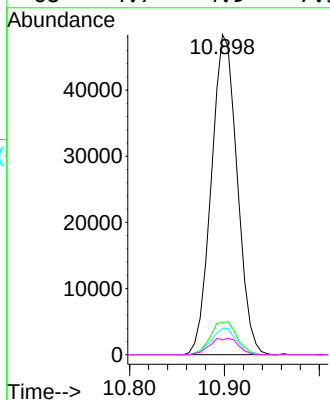
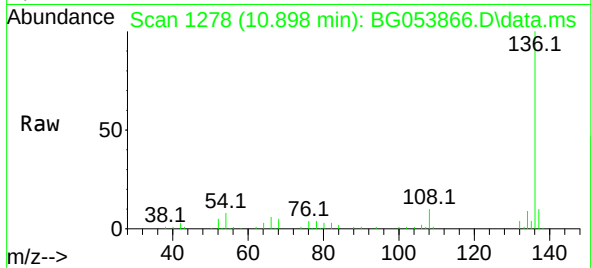




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

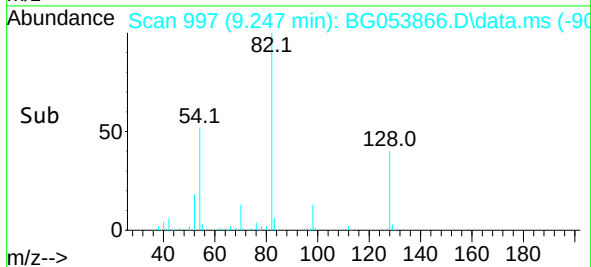
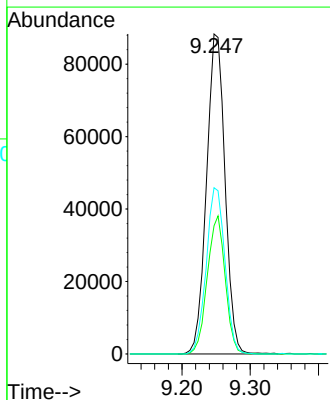
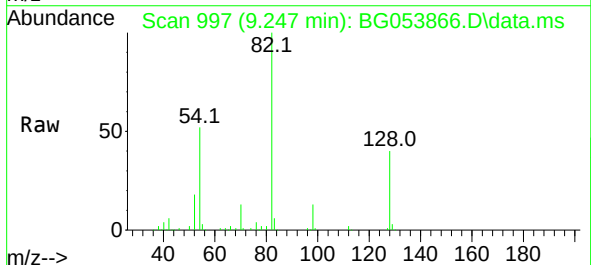
Instrument :
BNA_G
ClientSampleId :
TP-2A

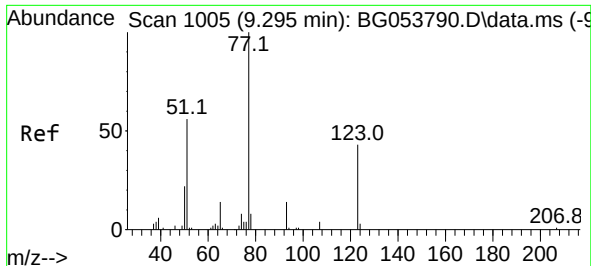
Tgt Ion:	136	Resp:	91418
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	8.2	7.4	11.2
68	4.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 119.654 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion:	82	Resp:	166573
Ion	Ratio	Lower	Upper
82	100		
128	40.1	27.9	41.9
54	51.9	41.2	61.8





#24

Nitrobenzene

Concen: 3.282 ng

RT: 9.247 min Scan# 91

Delta R.T. -0.048 min

Lab File: BG053866.D

Acq: 9 Jun 2022 18:35

Instrument :

BNA_G

ClientSampleId :

TP-2A

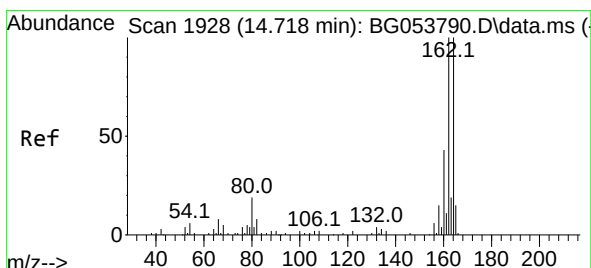
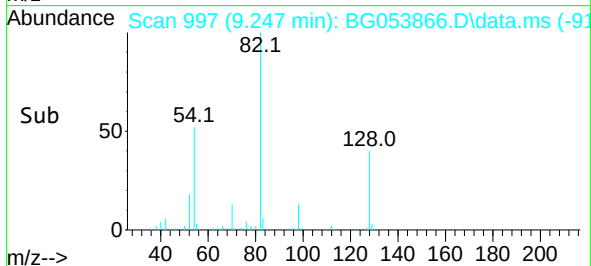
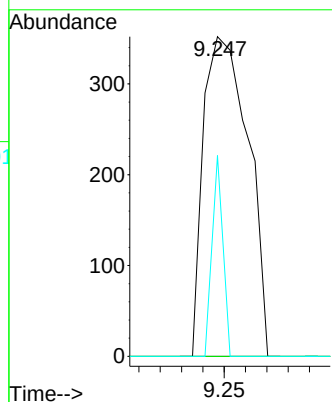
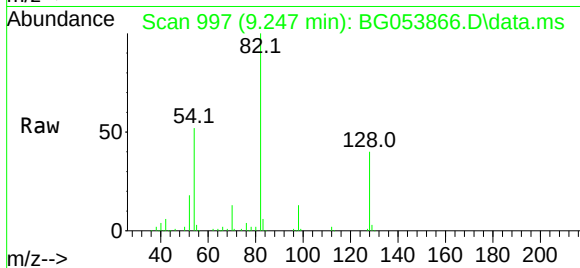
Tgt Ion: 77 Resp: 513

Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 62.8 11.4 17.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG053866.D

Acq: 9 Jun 2022 18:35

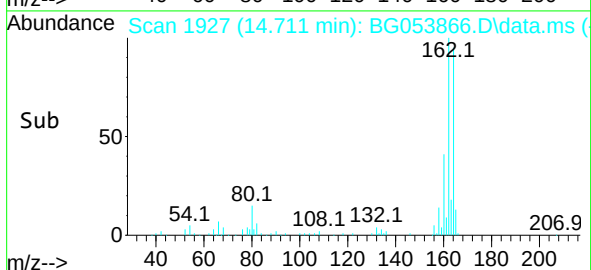
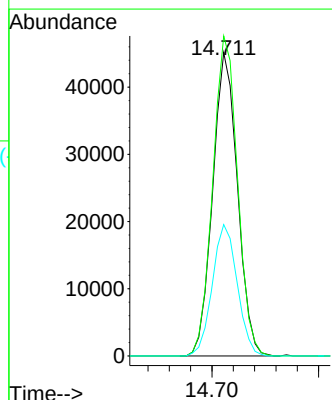
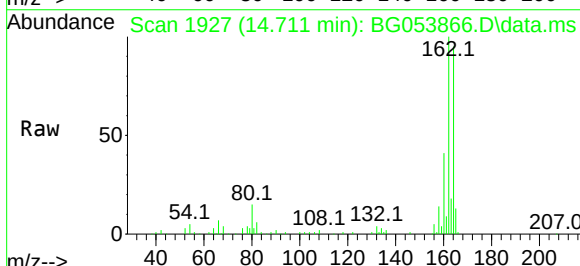
Tgt Ion:164 Resp: 72661

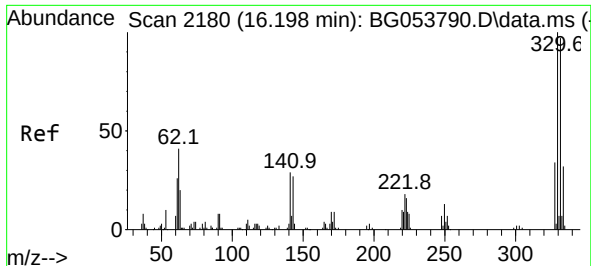
Ion Ratio Lower Upper

164 100

162 105.5 82.3 123.5

160 43.3 34.2 51.2

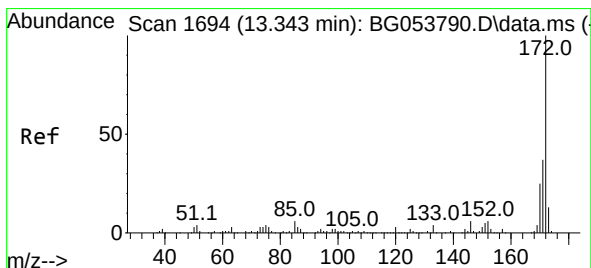
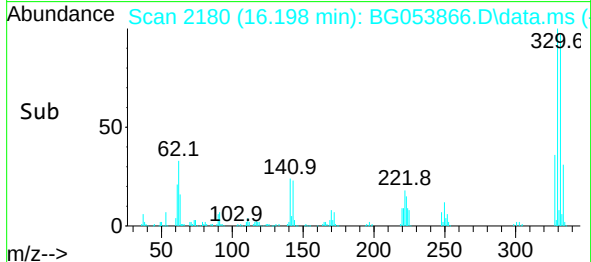
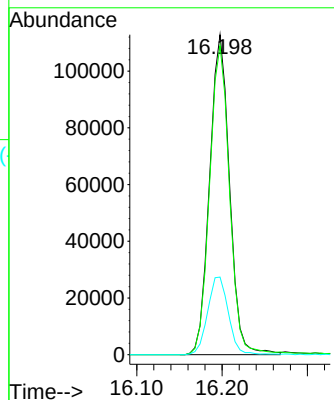
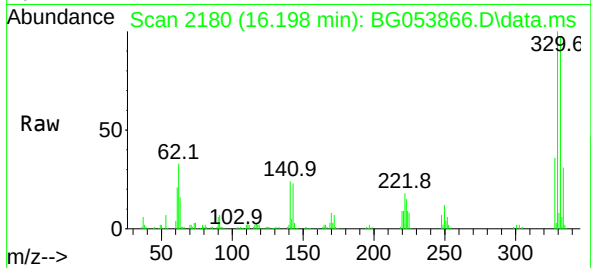




#42
2,4,6-Tribromophenol
Concen: 207.895 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

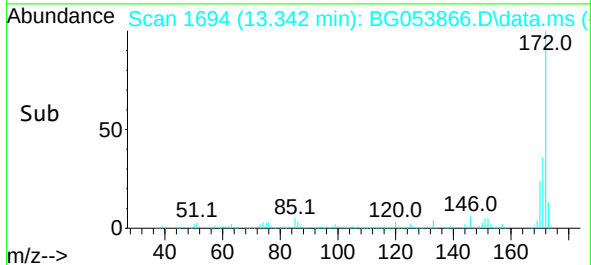
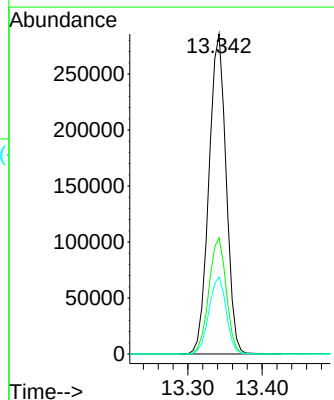
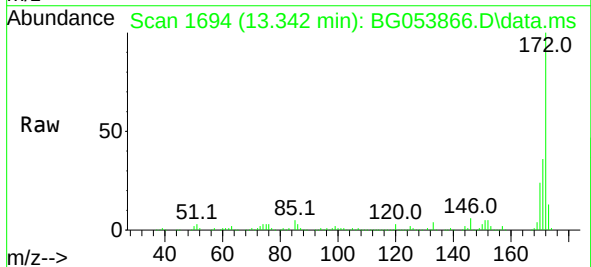
Instrument :
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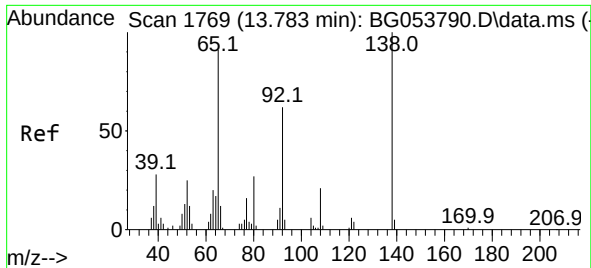
Tgt Ion:330 Resp: 183364
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 25.4 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 94.830 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion:172 Resp: 460587
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.0 18.9 28.3

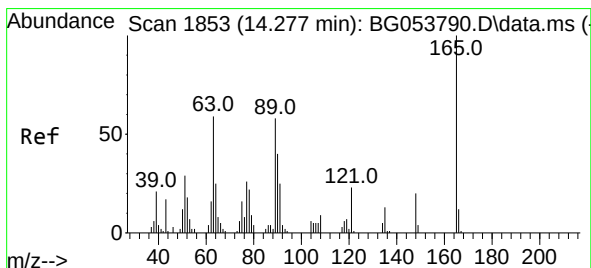
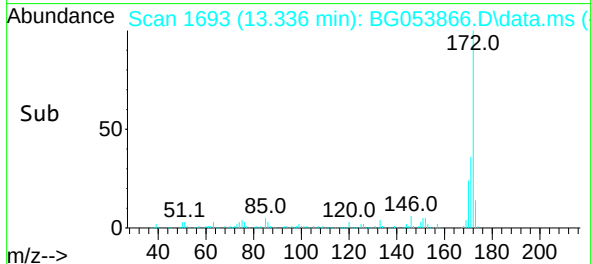
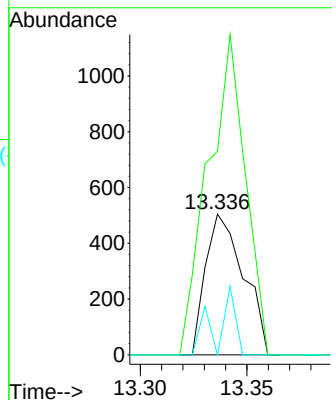
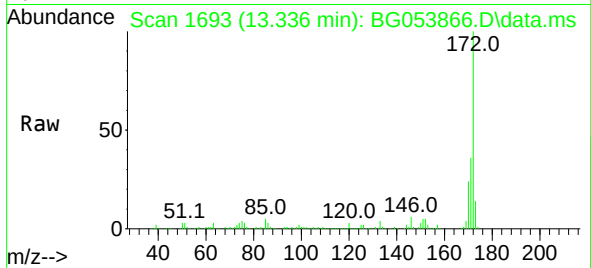




#48
2-Nitroaniline
Concen: 5.587 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.447 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

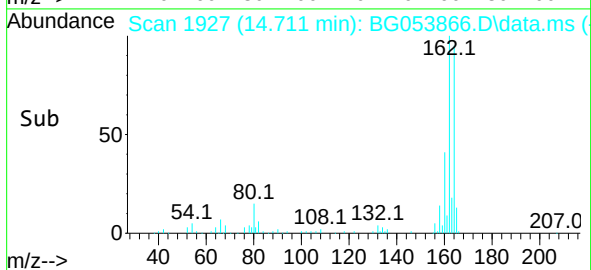
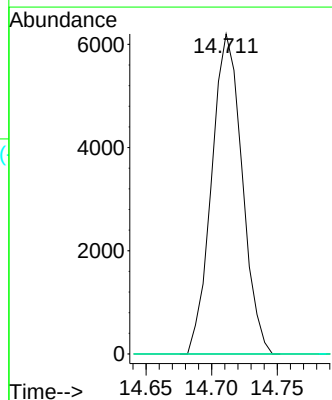
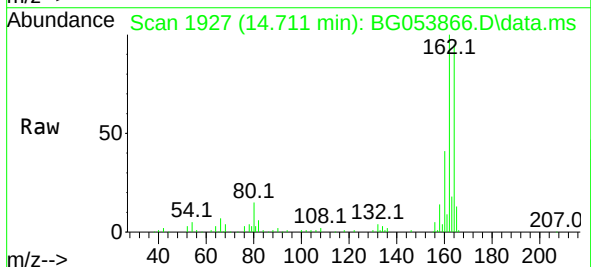
Instrument :
BNA_G
ClientSampleId :
TP-2A

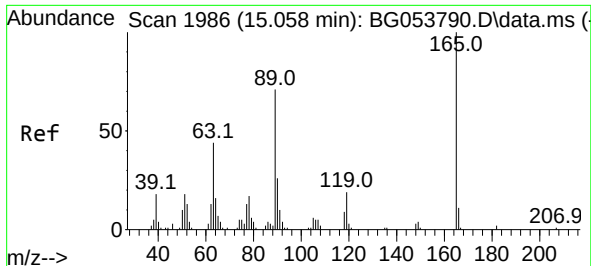
Tgt Ion: 65 Resp: 625
Ion Ratio Lower Upper
65 100
92 144.6 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.654 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion:165 Resp: 10022
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: 11.396 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053866.D

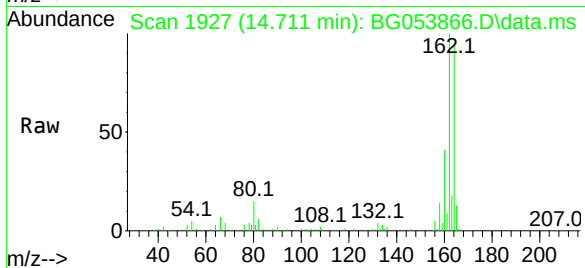
Acq: 9 Jun 2022 18:35

Instrument :

BNA_G

ClientSampleId :

TP-2A



Tgt Ion:165 Resp: 10022

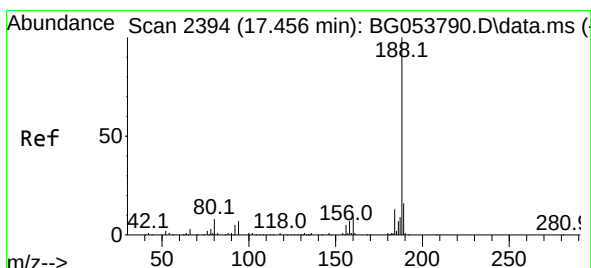
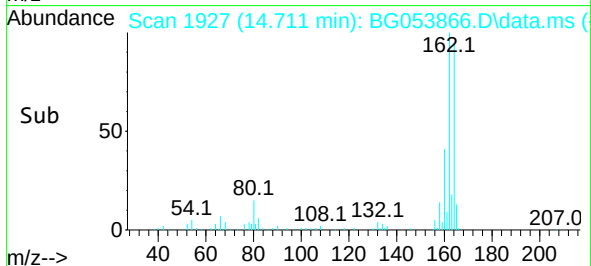
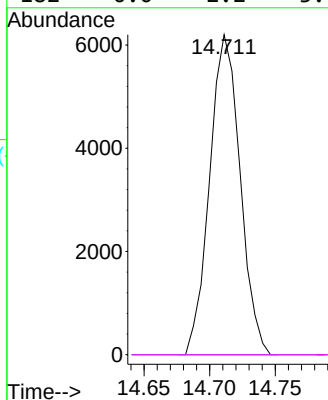
Ion Ratio Lower Upper

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: 17.455 min Scan# 2394

Delta R.T. -0.001 min

Lab File: BG053866.D

Acq: 9 Jun 2022 18:35

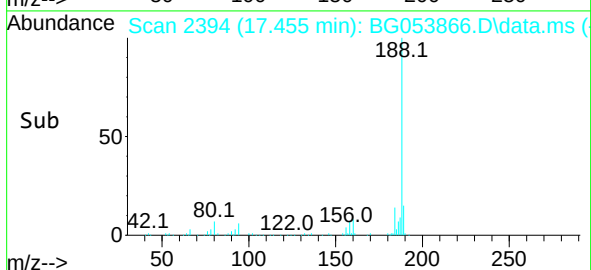
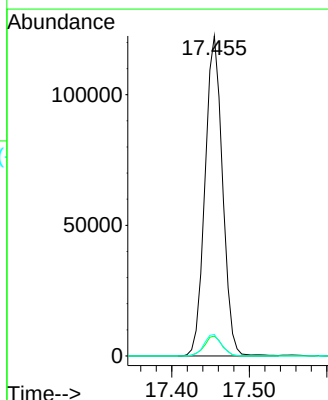
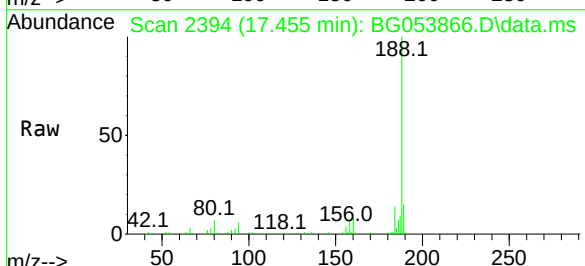
Tgt Ion:188 Resp: 191895

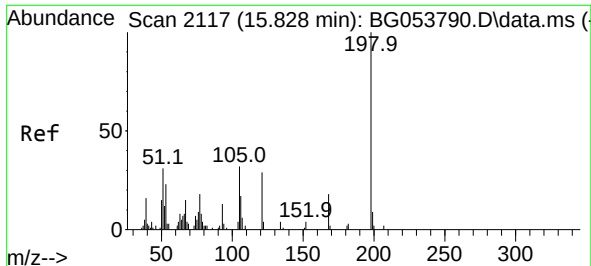
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 6.7 6.8 10.2#

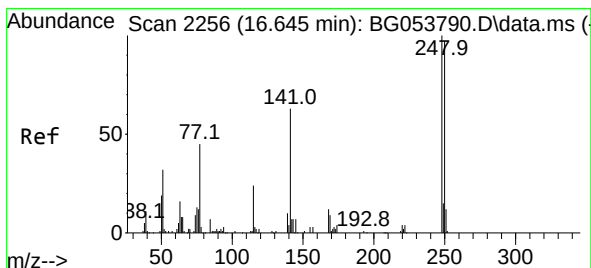
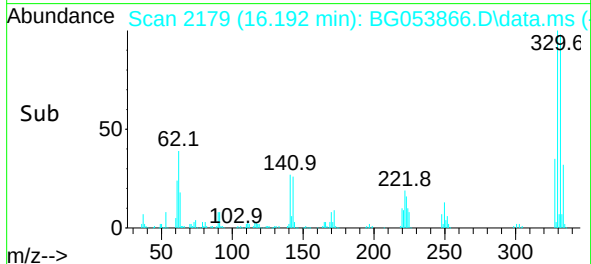
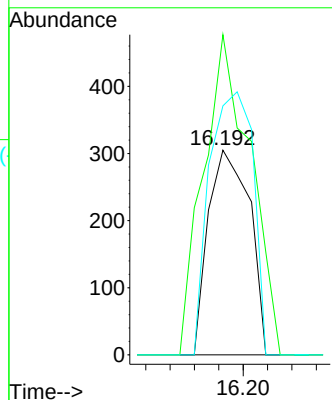
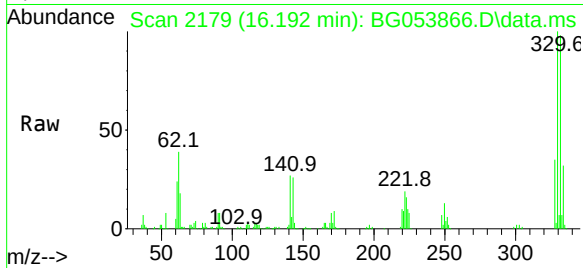




#65
4,6-Dinitro-2-methylphenol
Concen: 6.034 ng
RT: 16.192 min Scan# 2117
Delta R.T. 0.364 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

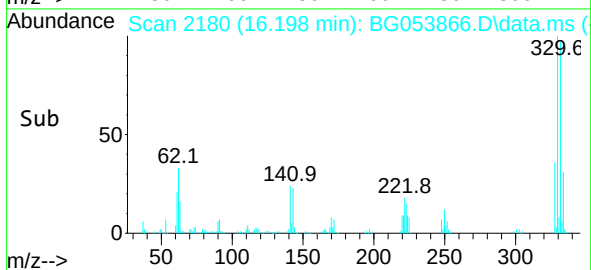
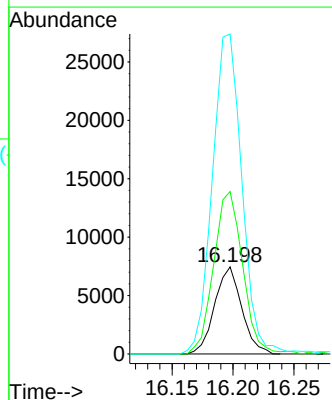
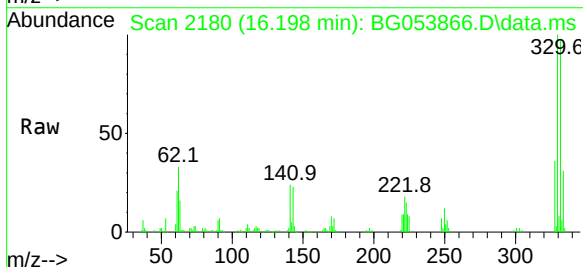
Instrument :
BNA_G
ClientSampleId :
TP-2A

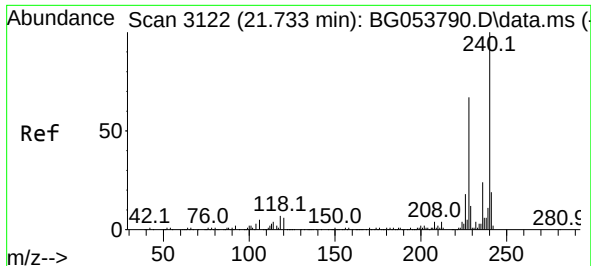
Tgt Ion:198 Resp: 359
Ion Ratio Lower Upper
198 100
51 156.4 28.1 68.1#
105 121.6 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.536 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.447 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion:248 Resp: 11543
Ion Ratio Lower Upper
248 100
250 183.6 75.2 112.8#
141 280.6 50.0 75.0#

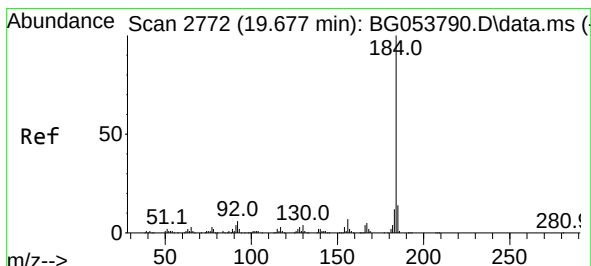
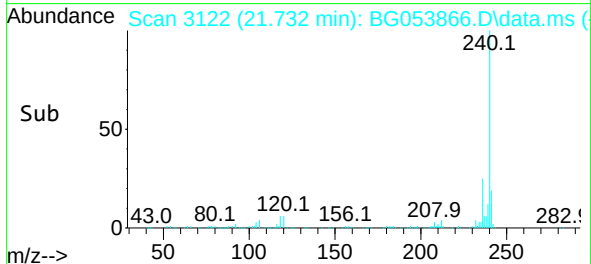
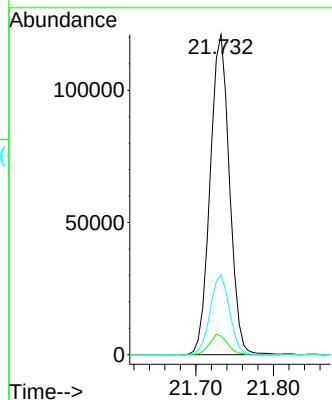
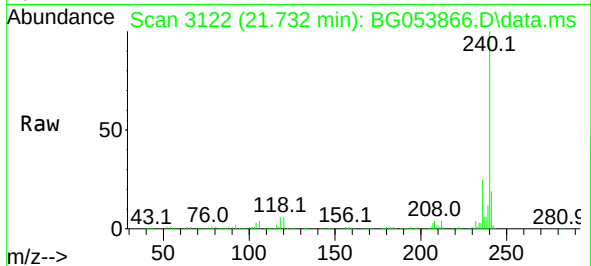




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

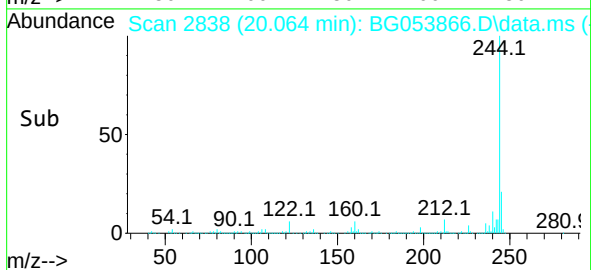
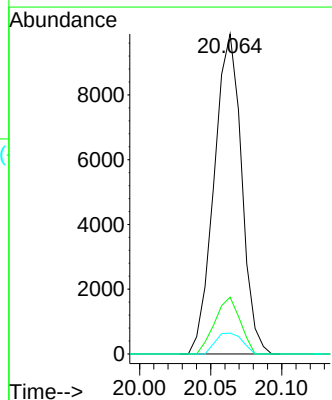
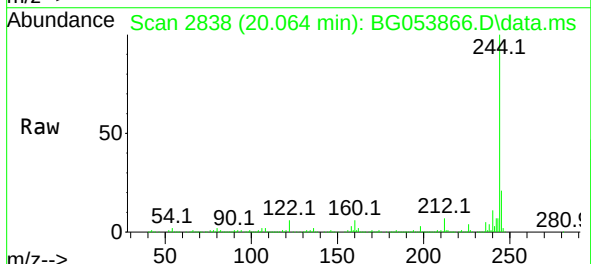
Instrument :
BNA_G
ClientSampleId :
TP-2A

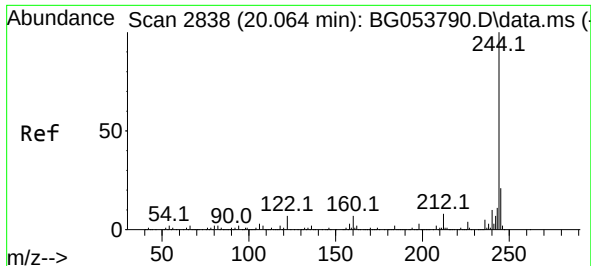
Tgt Ion:240 Resp: 209171
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.0 20.2 30.4



#77
Benzidine
Concen: 2.590 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.387 min
Lab File: BG053866.D
Acq: 9 Jun 2022 18:35

Tgt Ion:184 Resp: 13249
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 6.5 8.9 13.3#

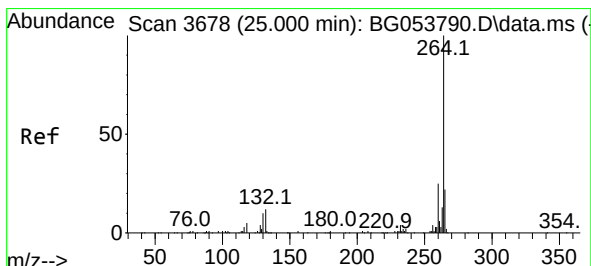
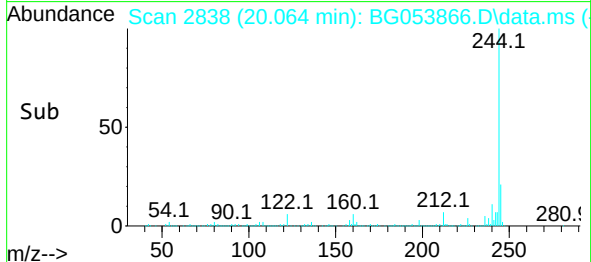
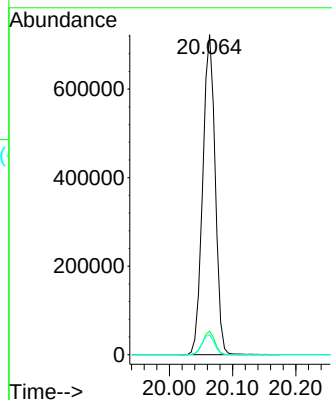
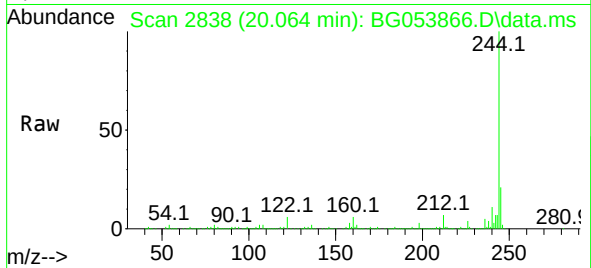




#79
 Terphenyl-d14
 Concen: 94.500 ng
 RT: 20.064 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053866.D
 Acq: 9 Jun 2022 18:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A

Tgt Ion:244 Resp: 993600
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.999 min Scan# 3678
 Delta R.T. -0.001 min
 Lab File: BG053866.D
 Acq: 9 Jun 2022 18:35

Tgt Ion:264 Resp: 212061
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.0 17.4 26.2

