

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053875.D
 Acq On : 10 Jun 2022 15:00
 Operator : CG/JU
 Sample : N3287-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Jun 10 17:35:02 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)

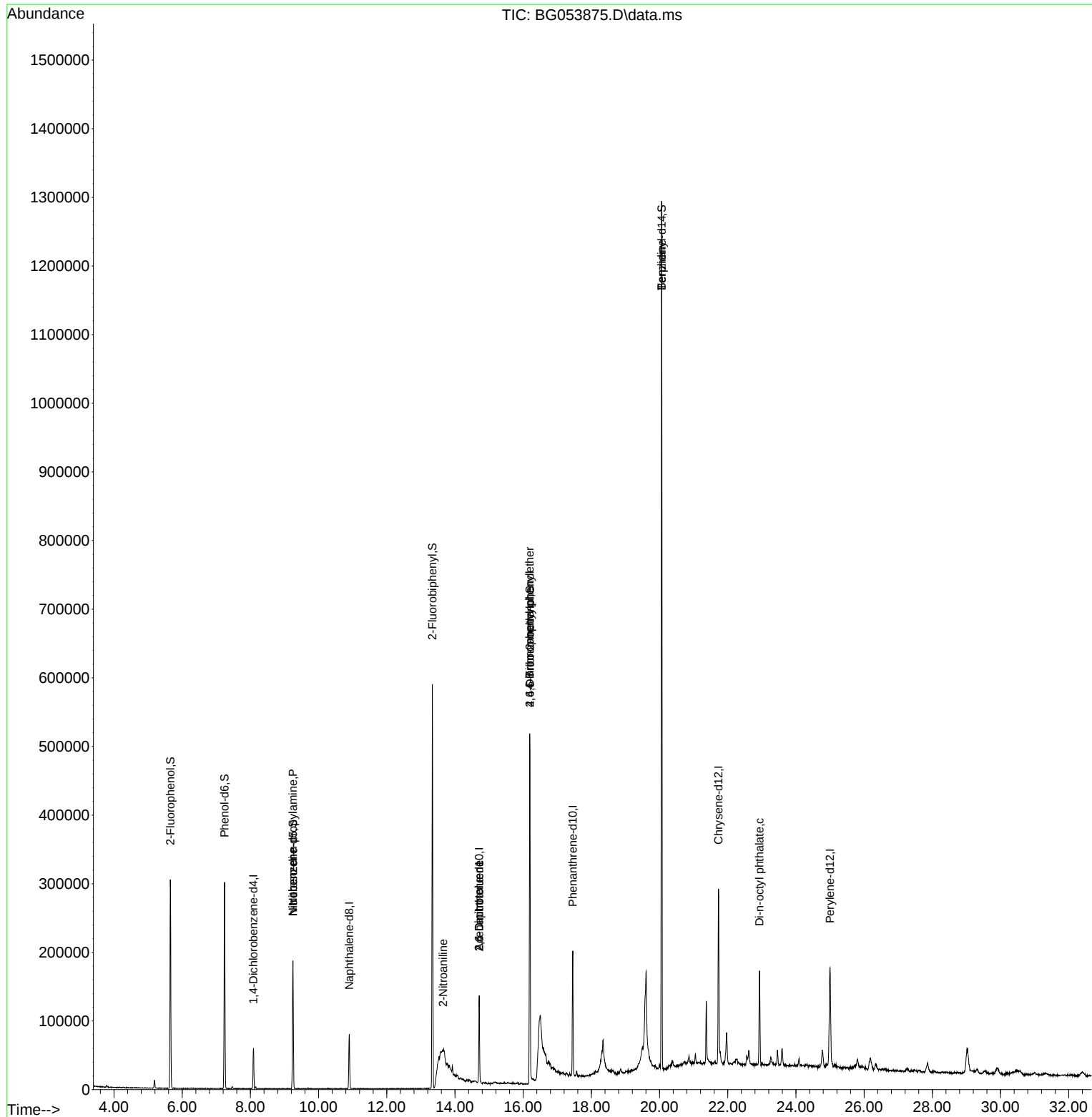
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	18572	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	72423	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	49000	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	133249	20.000	ng	# 0.00
76) Chrysene-d12	21.727	240	172615	20.000	ng	0.00
86) Perylene-d12	25.000	264	176532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	142468	140.869	ng	0.00
7) Phenol-d6	7.244	99	184083	134.369	ng	0.00
23) Nitrobenzene-d5	9.248	82	118914	107.823	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	128942	216.785	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	327573	100.011	ng	0.00
79) Terphenyl-d14	20.065	244	759072	87.484	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	15673	16.153	ng	# 77
24) Nitrobenzene	9.248	77	268	3.177	ng	# 48
48) 2-Nitroaniline	13.655	65	55	5.112	ng	# 10
51) 2,6-Dinitrotoluene	14.712	165	6836	13.764	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	6836	11.477	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.199	198	247	6.030	ng	# 46
67) 4-Bromophenyl-phenylether	16.193	248	7920	5.470	ng	# 1
77) Benzidine	20.065	184	9877	2.340	ng	# 86
85) Di-n-octyl phthalate	22.932	149	26948	3.148	ng	# 59

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

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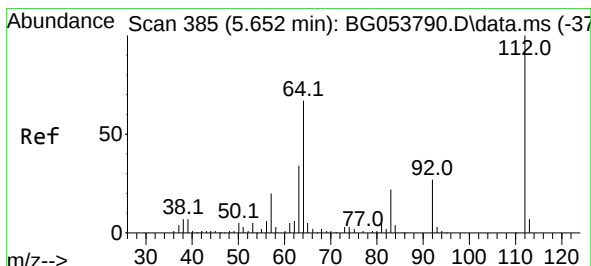
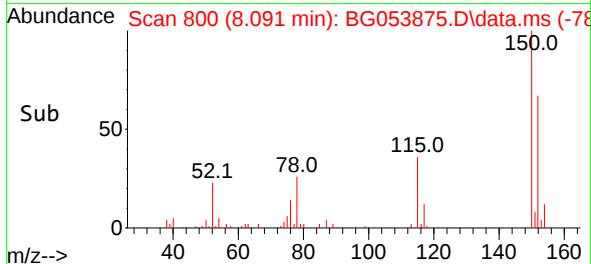
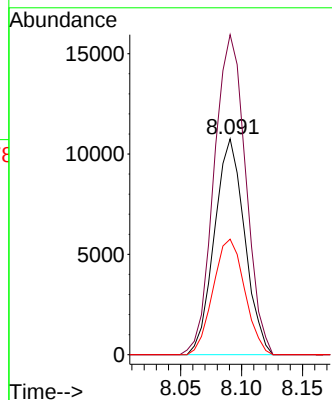
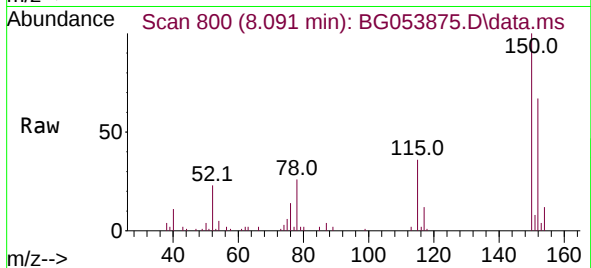




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

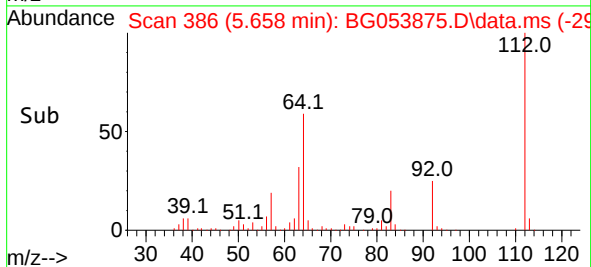
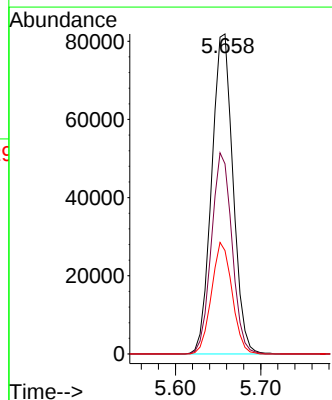
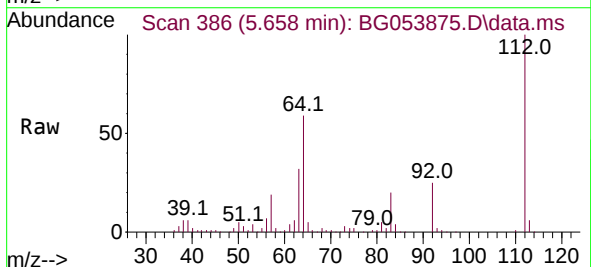
Instrument :
BNA_G
ClientSampleId :
SB-1

Tgt Ion:152 Resp: 18572
Ion Ratio Lower Upper
152 100
150 148.3 131.6 197.4
115 53.5 50.9 76.3



#5
2-Fluorophenol
Concen: 140.869 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion:112 Resp: 142468
Ion Ratio Lower Upper
112 100
64 59.4 55.1 82.7
63 32.3 30.4 45.6

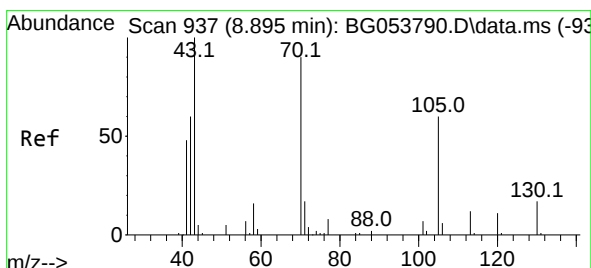
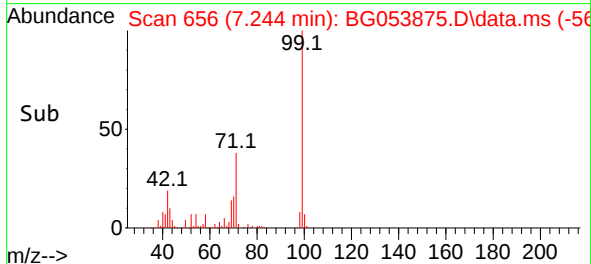
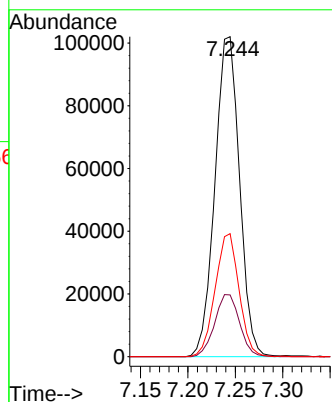
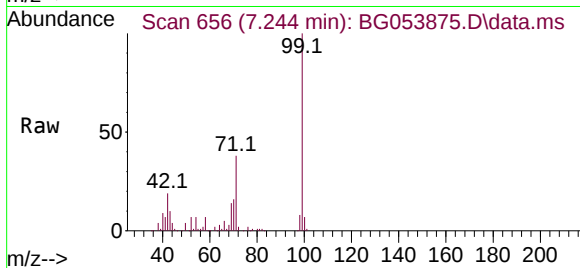




#7
Phenol-d6
Concen: 134.369 ng
RT: 7.244 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

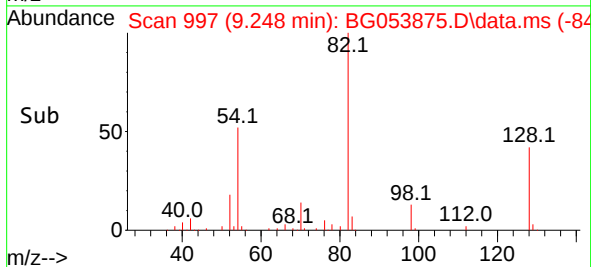
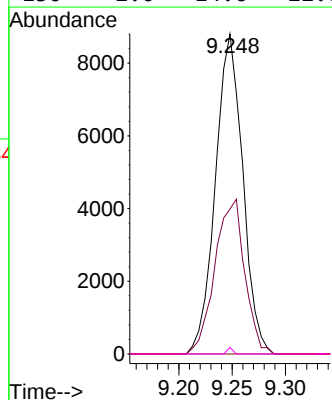
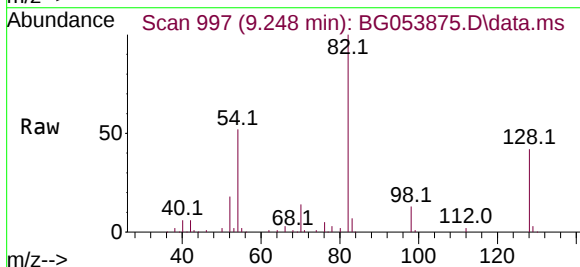
Instrument :
BNA_G
ClientSampleId :
SB-1

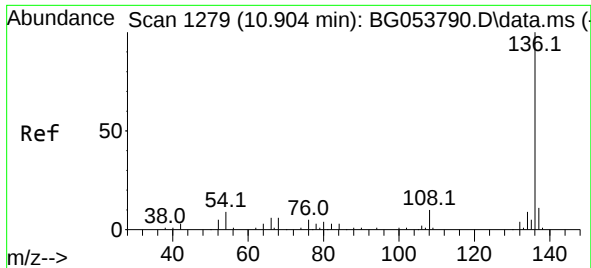
Tgt Ion: 99 Resp: 184083
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 38.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.153 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion: 70 Resp: 15673
Ion Ratio Lower Upper
70 100
42 45.3 47.3 70.9#
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

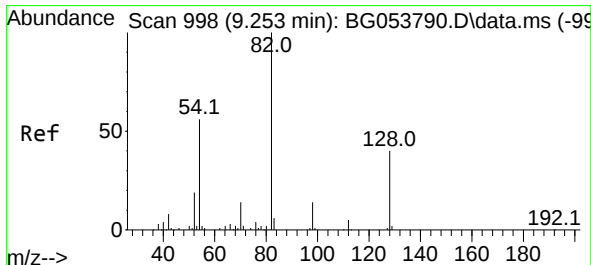
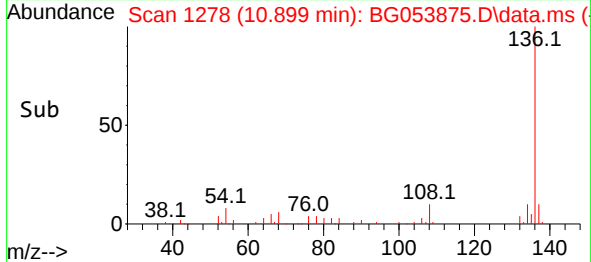
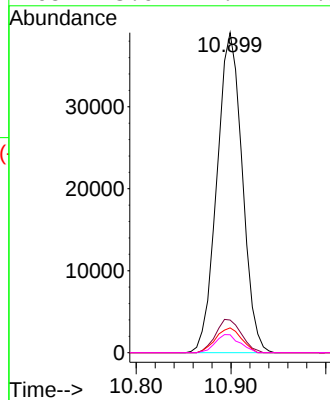
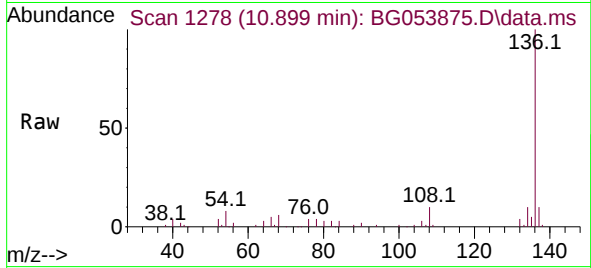




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

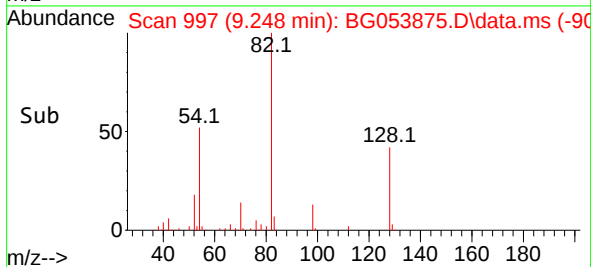
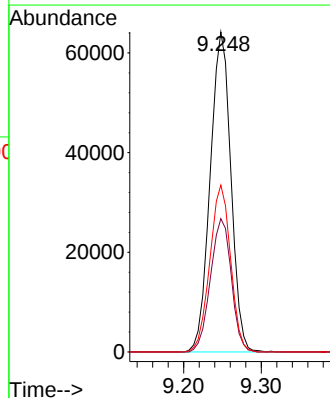
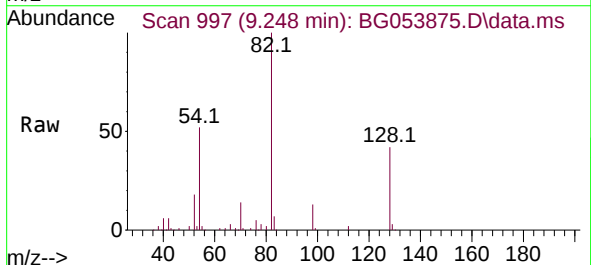
Instrument :
BNA_G
ClientSampleId :
SB-1

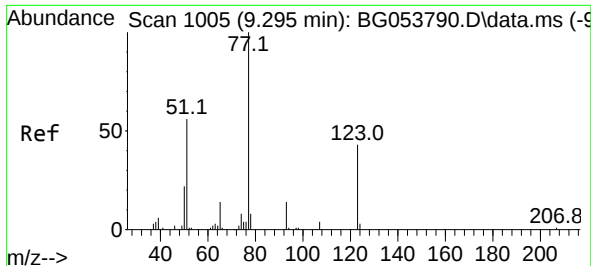
Tgt Ion:	136	Resp:	72423
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	7.8	7.4	11.2
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 107.823 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion:	82	Resp:	118914
Ion Ratio	Lower	Upper	
82	100		
128	41.7	27.9	41.9
54	52.1	41.2	61.8

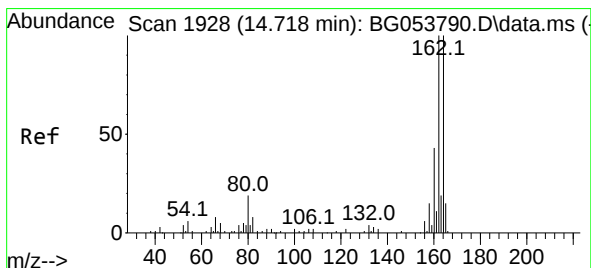
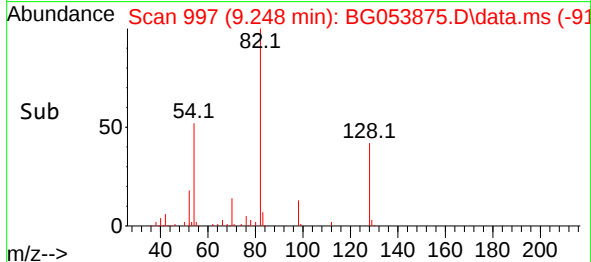
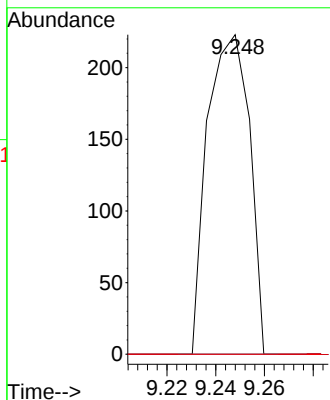
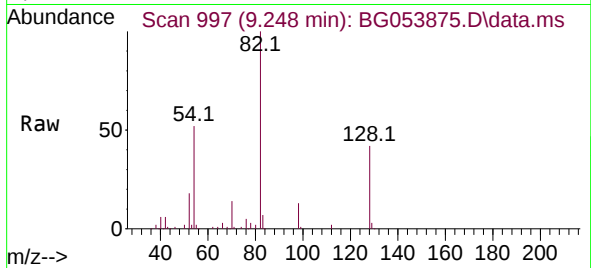




#24
Nitrobenzene
Concen: 3.177 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.047 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

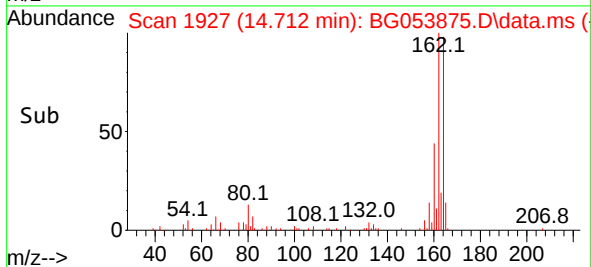
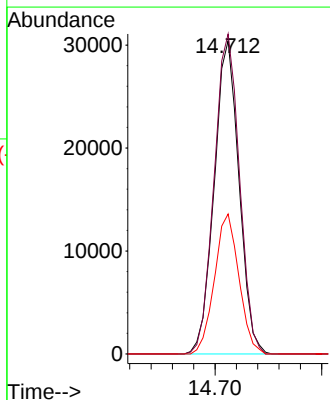
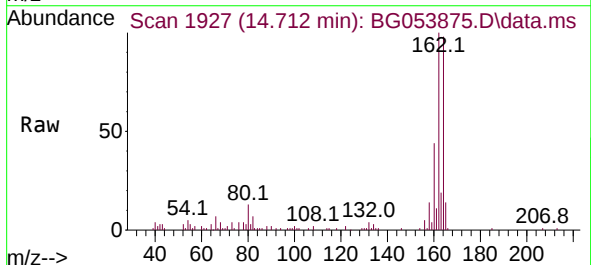
Instrument :
BNA_G
ClientSampleId :
SB-1

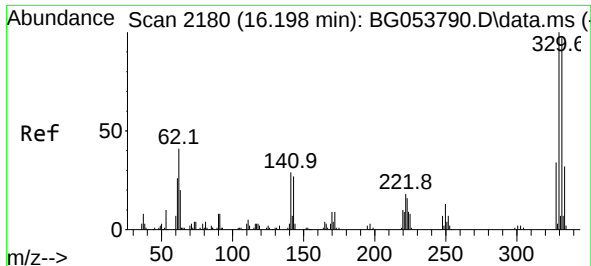
Tgt Ion: 77 Resp: 268
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion: 164 Resp: 49000
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 44.7 34.2 51.2

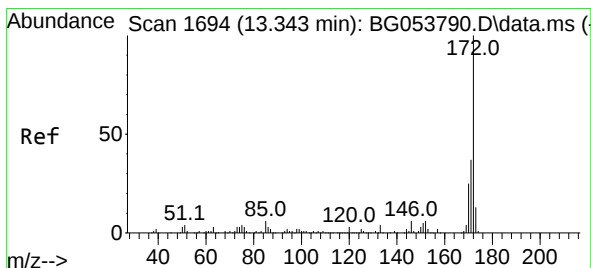
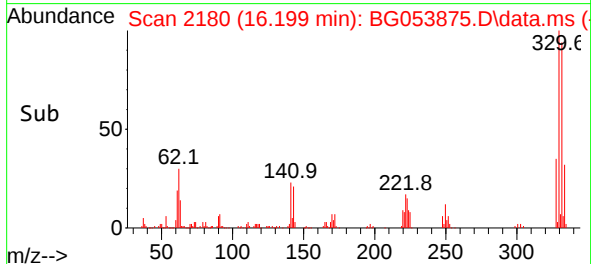
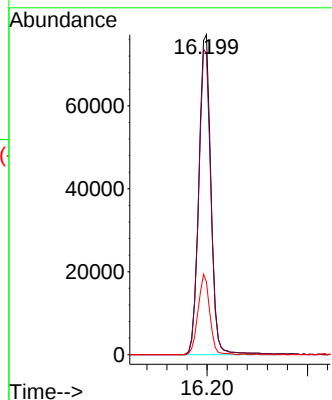
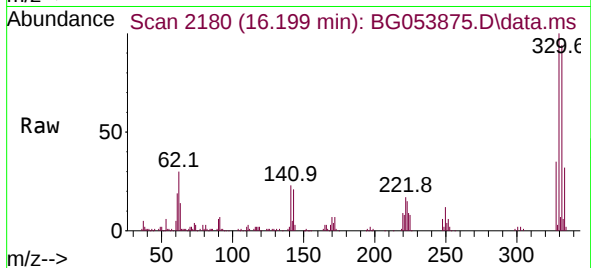




#42
2,4,6-Tribromophenol
Concen: 216.785 ng
RT: 16.199 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

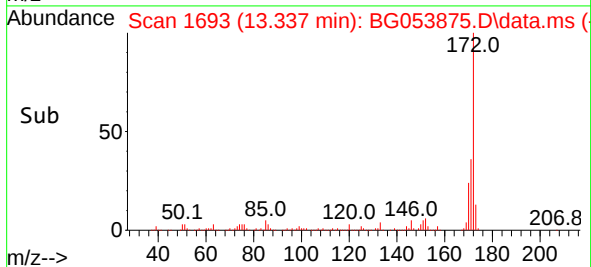
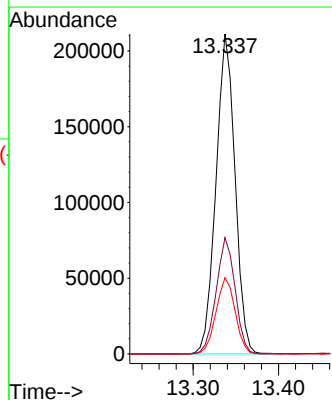
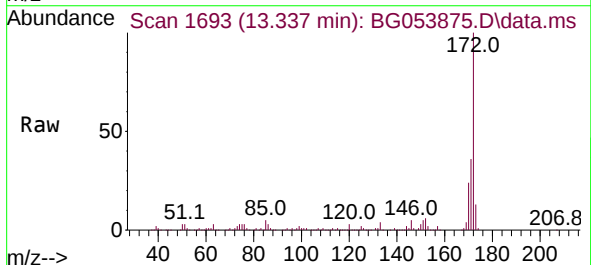
Instrument :
BNA_G
ClientSampleId :
SB-1

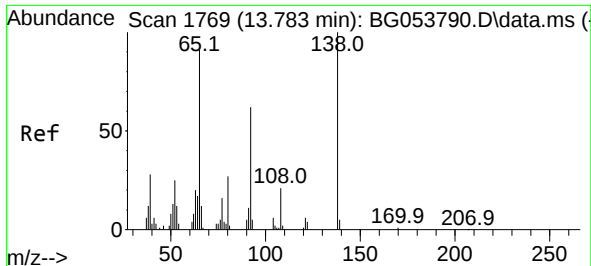
Tgt Ion:330 Resp: 128942
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 24.1 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 100.011 ng
RT: 13.337 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion:172 Resp: 327573
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.9 18.9 28.3

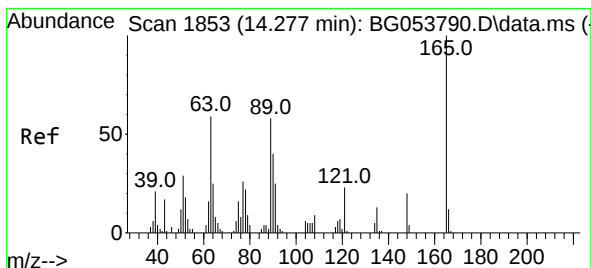
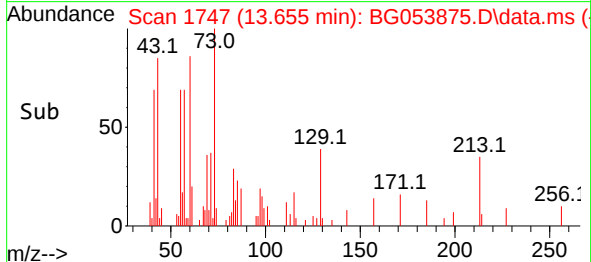
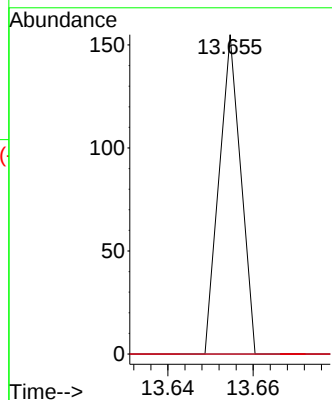
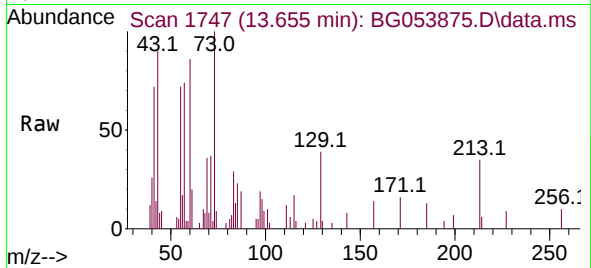




#48
2-Nitroaniline
Concen: 5.112 ng
RT: 13.655 min Scan# 11
Delta R.T. -0.128 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

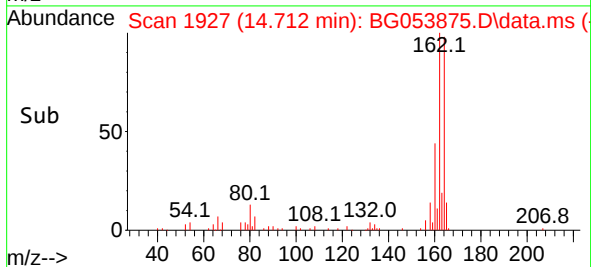
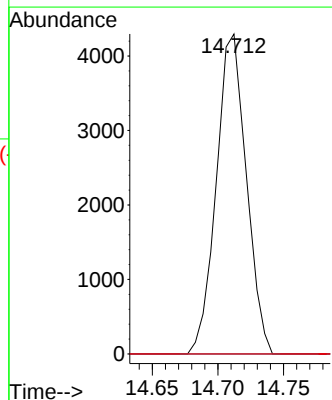
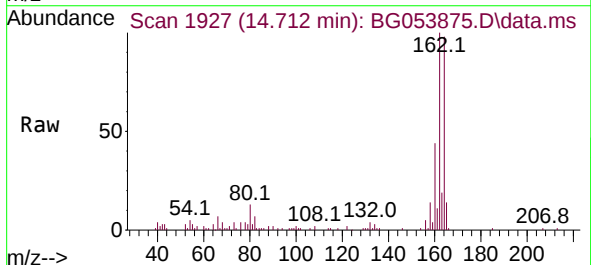
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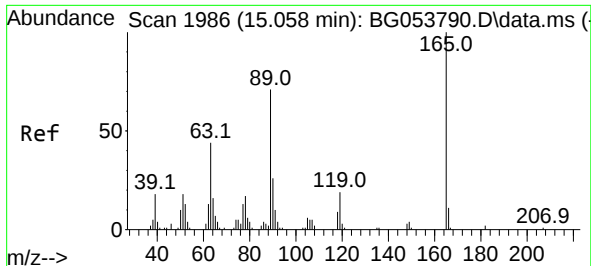
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.764 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion:165 Resp: 6836
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: 11.477 ng

RT: 14.712 min Scan# 1986

Delta R.T. -0.346 min

Lab File: BG053875.D

Acq: 10 Jun 2022 15:00

Instrument :

BNA_G

ClientSampleId :

SB-1

Tgt Ion:165 Resp: 6836

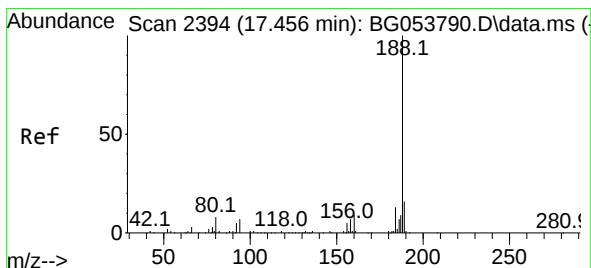
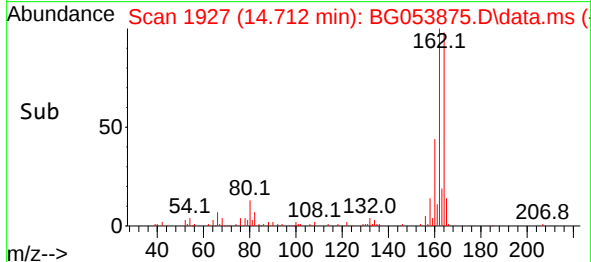
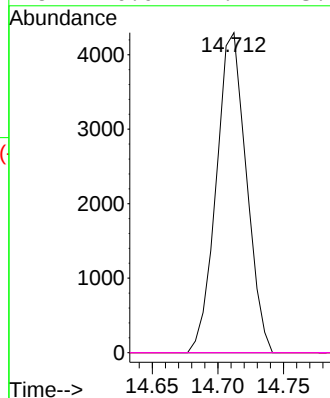
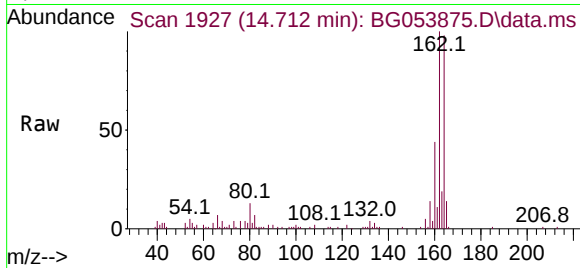
Ion Ratio Lower Upper

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: 17.456 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BG053875.D

Acq: 10 Jun 2022 15:00

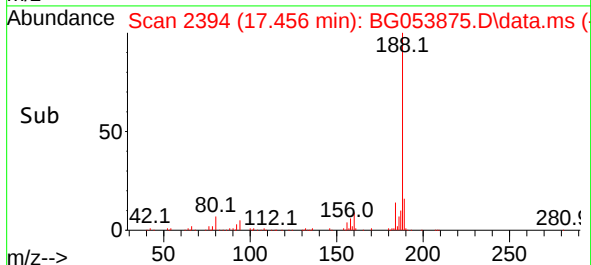
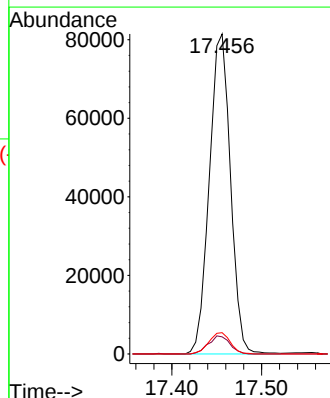
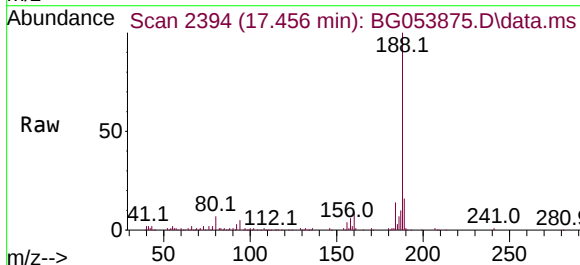
Tgt Ion:188 Resp: 133249

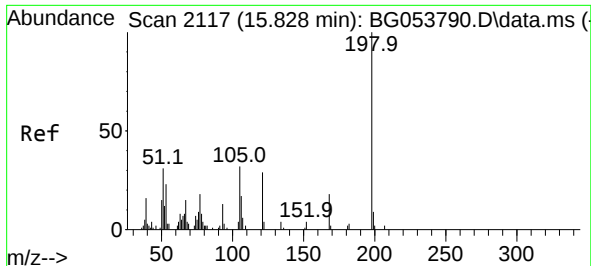
Ion Ratio Lower Upper

188 100

94 5.4 5.4 8.0

80 6.6 6.8 10.2#

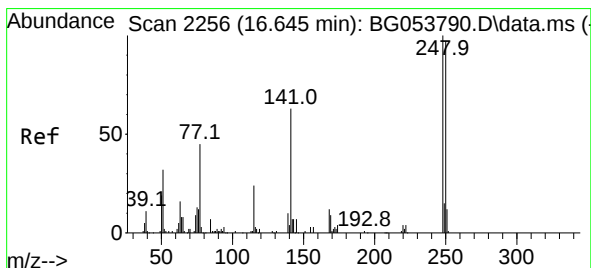
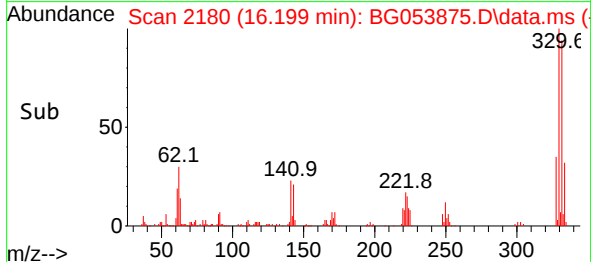
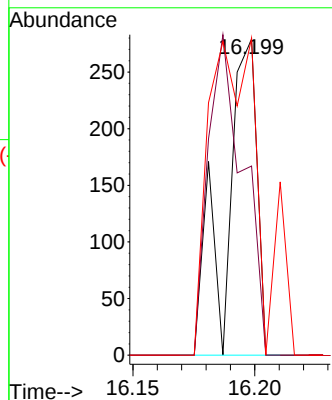
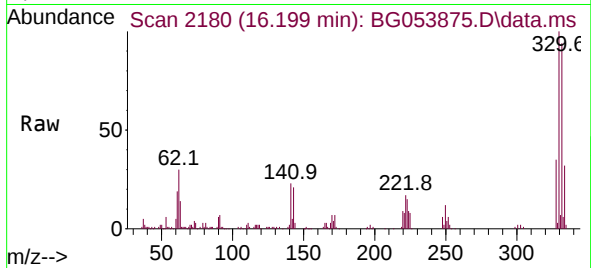




#65
4,6-Dinitro-2-methylphenol
Concen: 6.030 ng
RT: 16.199 min Scan# 2117
Delta R.T. 0.371 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

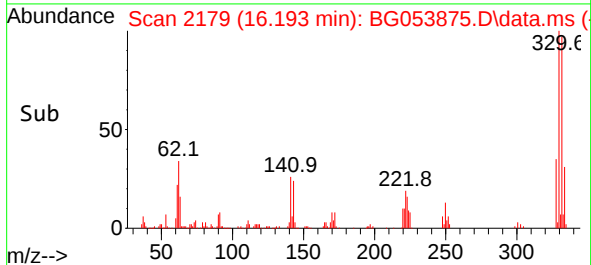
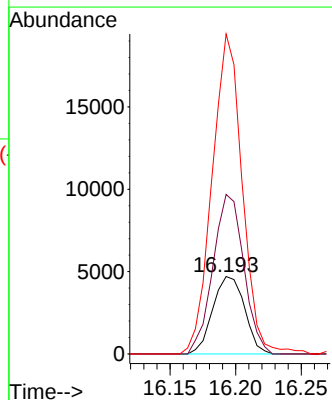
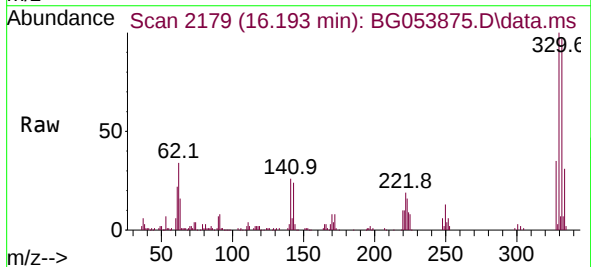
Instrument :
BNA_G
ClientSampleId :
SB-1

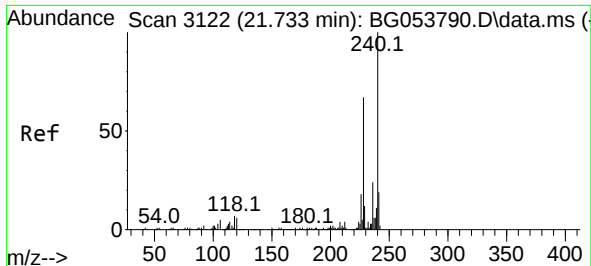
Tgt Ion:198 Resp: 247
Ion Ratio Lower Upper
198 100
51 59.9 28.1 68.1
105 100.4 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.470 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion:248 Resp: 7920
Ion Ratio Lower Upper
248 100
250 270.8 75.2 112.8#
141 413.4 50.0 75.0#

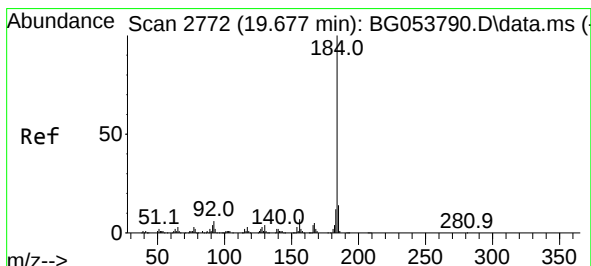
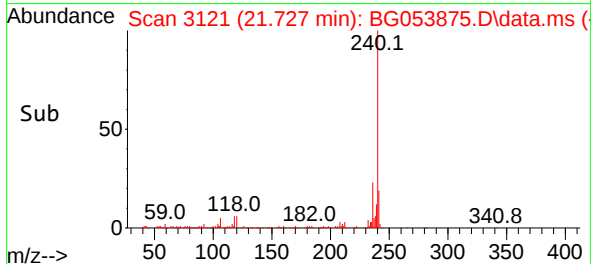
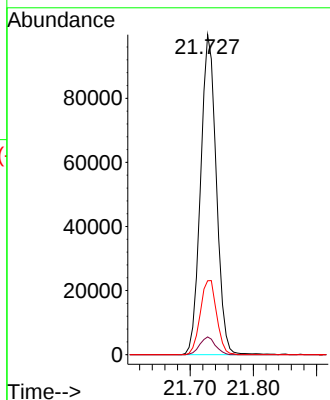
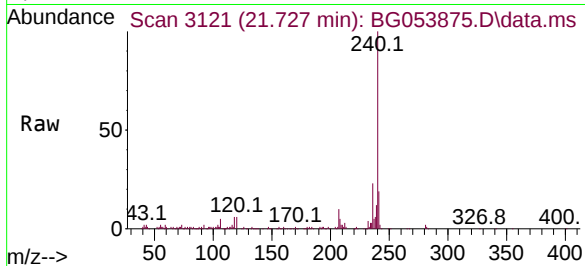




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

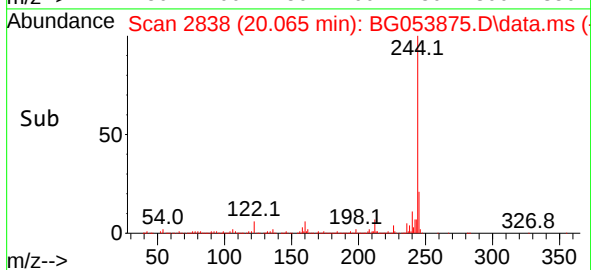
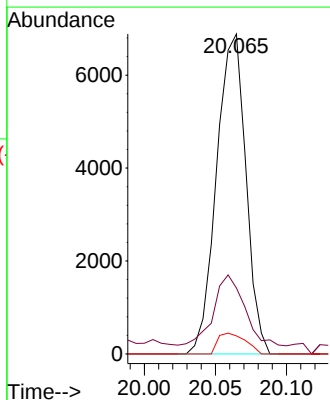
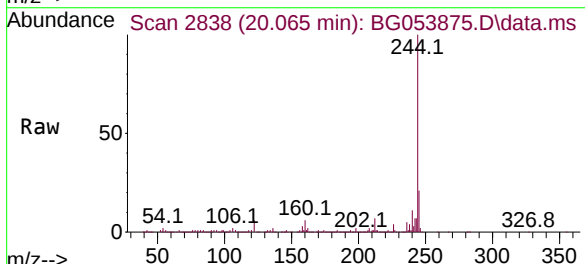
Instrument :
BNA_G
ClientSampleId :
SB-1

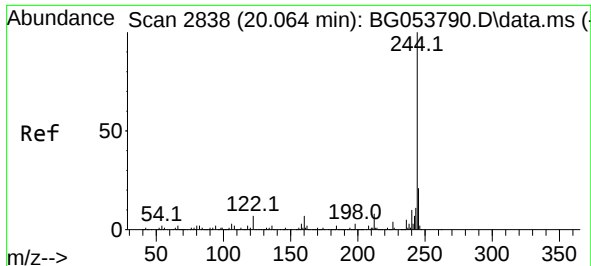
Tgt Ion:240 Resp: 172615
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 23.1 20.2 30.4



#77
Benzidine
Concen: 2.340 ng
RT: 20.065 min Scan# 2838
Delta R.T. 0.388 min
Lab File: BG053875.D
Acq: 10 Jun 2022 15:00

Tgt Ion:184 Resp: 9877
Ion Ratio Lower Upper
184 100
185 20.6 11.8 17.6#
183 5.6 8.9 13.3#

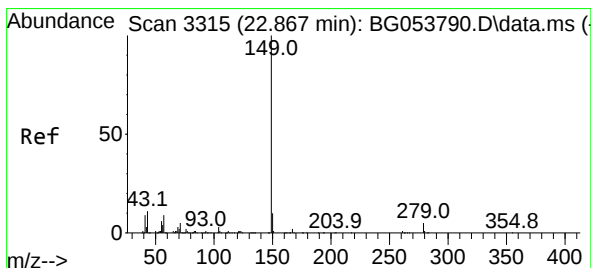
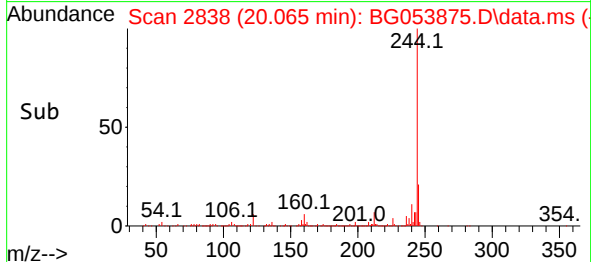
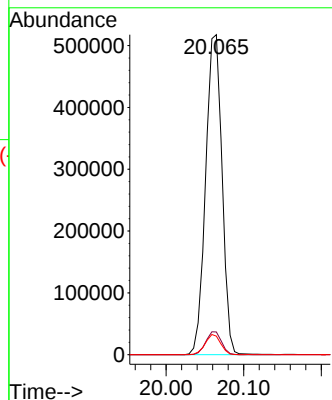
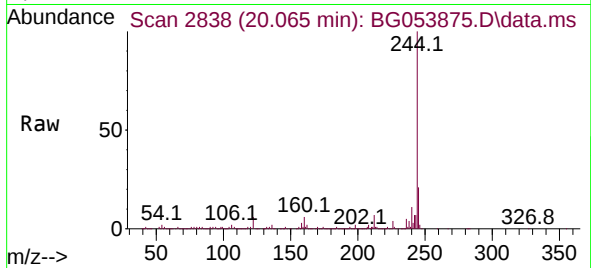




#79
 Terphenyl-d14
 Concen: 87.484 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053875.D
 Acq: 10 Jun 2022 15:00

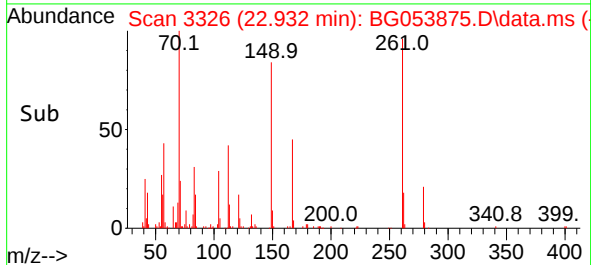
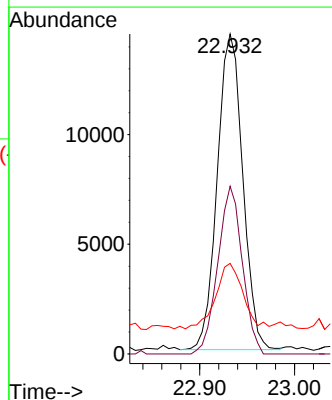
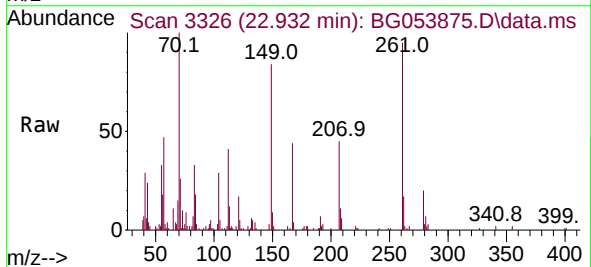
Instrument :
 BNA_G
 ClientSampleId :
 SB-1

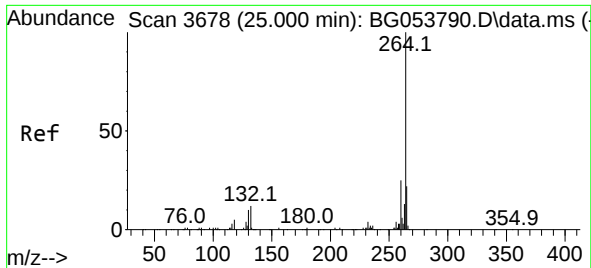
Tgt Ion:244 Resp: 759072
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 5.8 5.0 7.4



#85
 Di-n-octyl phthalate
 Concen: 3.148 ng
 RT: 22.932 min Scan# 3326
 Delta R.T. 0.065 min
 Lab File: BG053875.D
 Acq: 10 Jun 2022 15:00

Tgt Ion:149 Resp: 26948
 Ion Ratio Lower Upper
 149 100
 167 50.8 1.3 1.9#
 43 22.0 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.000 min Scan# 30

Delta R.T. 0.000 min

Lab File: BG053875.D

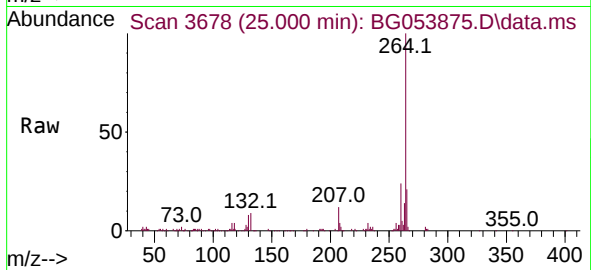
Acq: 10 Jun 2022 15:00

Instrument :

BNA_G

ClientSampleId :

SB-1



Tgt Ion:264 Resp: 176532

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.6 17.4 26.2

