

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053799.D
 Acq On : 2 Jun 2022 20:17
 Operator : CG/JU
 Sample : N2987-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P033-SS001-1824-01

Quant Time: Jun 03 02:28:00 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)

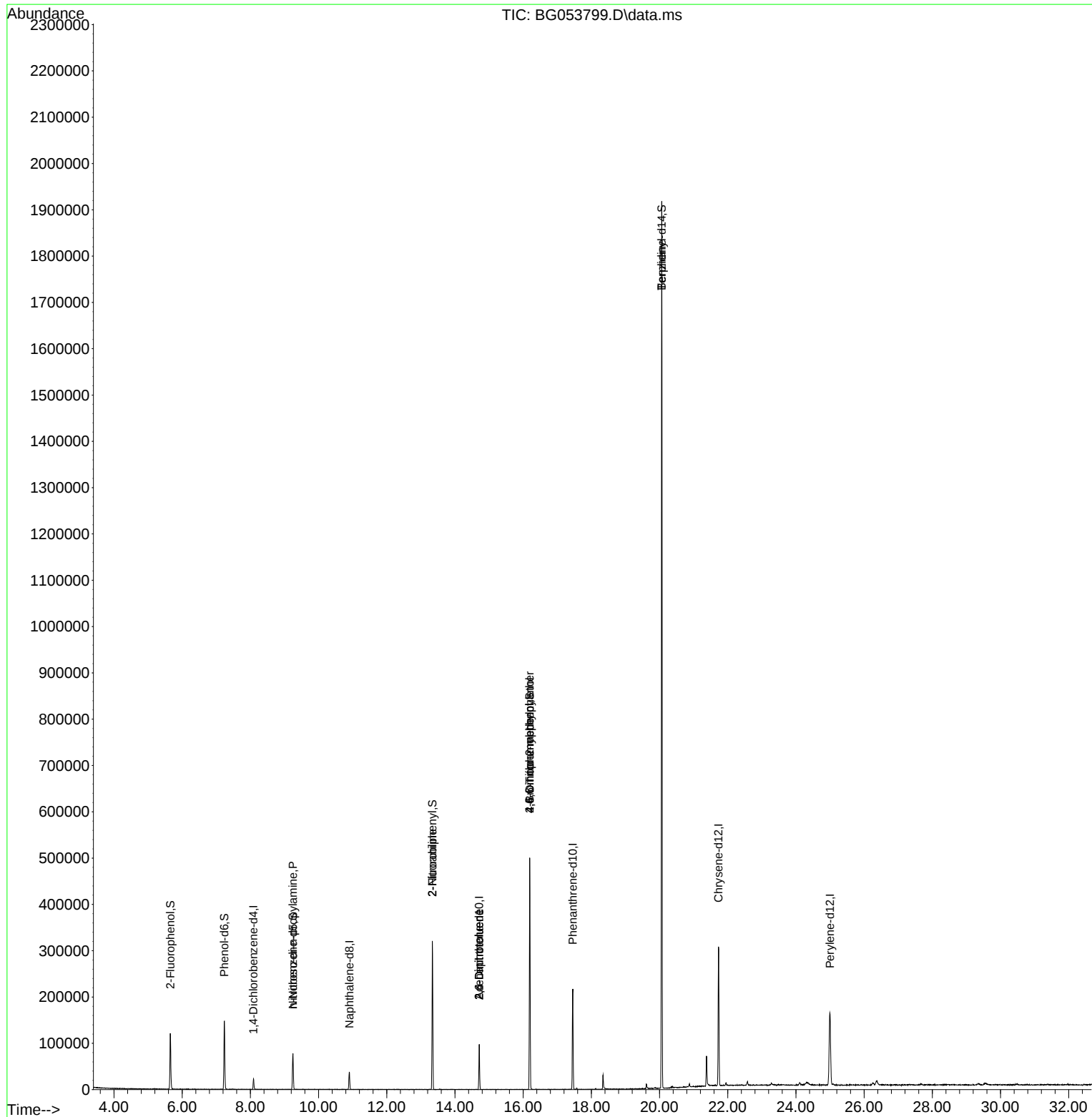
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	7309	20.000	ng	# 0.00
21) Naphthalene-d8	10.905	136	34300	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	36951	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	153556	20.000	ng	0.00
76) Chrysene-d12	21.728	240	206256	20.000	ng	# 0.00
86) Perylene-d12	24.995	264	189400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	59403	149.247	ng	0.00
7) Phenol-d6	7.233	99	91784	170.237	ng	0.00
23) Nitrobenzene-d5	9.248	82	48798	93.425	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	104008	231.885	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	178519	72.276	ng	0.00
79) Terphenyl-d14	20.065	244	1006170	97.048	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	6587	17.250	ng	# 85
48) 2-Nitroaniline	13.338	65	123	5.252	ng	# 1
51) 2,6-Dinitrotoluene	14.712	165	4859	13.205	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	4859	11.070	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	224	5.939	ng	# 1
67) 4-Bromophenyl-phenylether	16.193	248	6735	4.037	ng	# 1
77) Benzidine	20.065	184	14588	2.892	ng	# 95

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

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QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

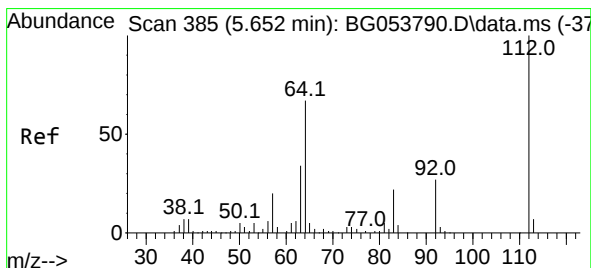
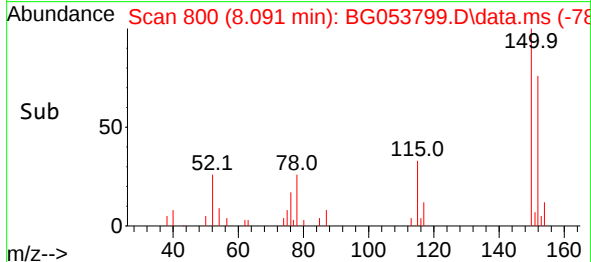
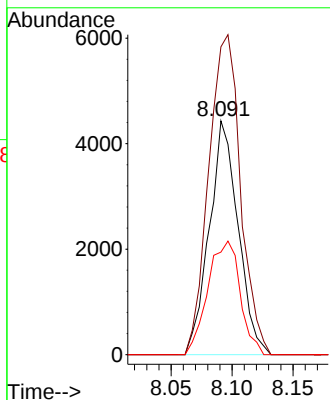
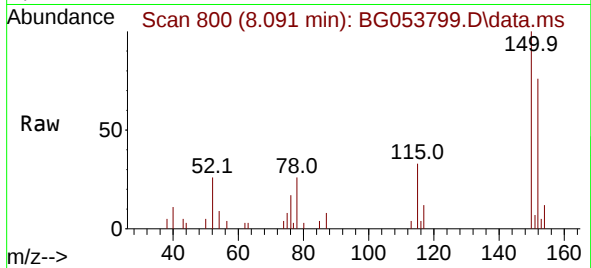




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

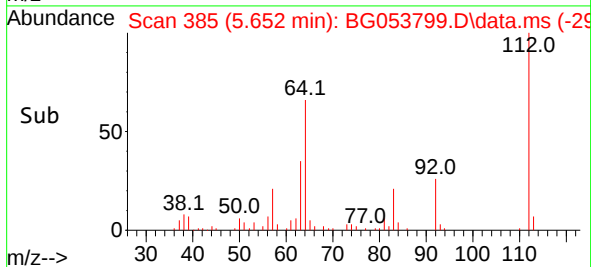
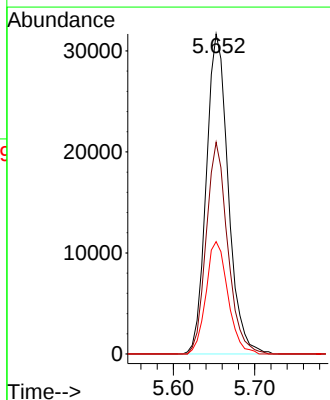
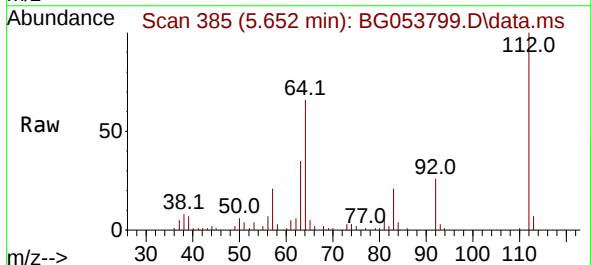
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

Tgt Ion:152 Resp: 7309
Ion Ratio Lower Upper
152 100
150 131.7 131.6 197.4
115 43.9 50.9 76.3#



#5
2-Fluorophenol
Concen: 149.247 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Tgt Ion:112 Resp: 59403
Ion Ratio Lower Upper
112 100
64 66.2 55.1 82.7
63 35.1 30.4 45.6

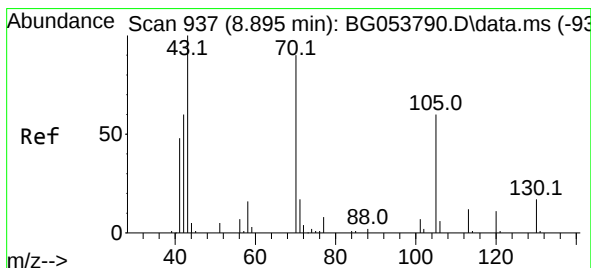
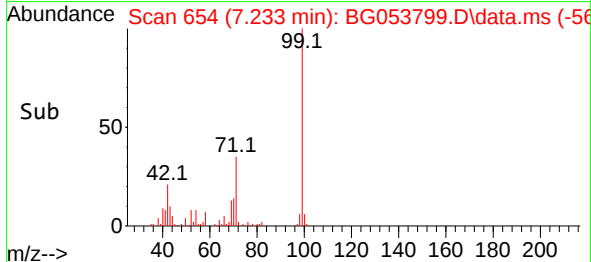
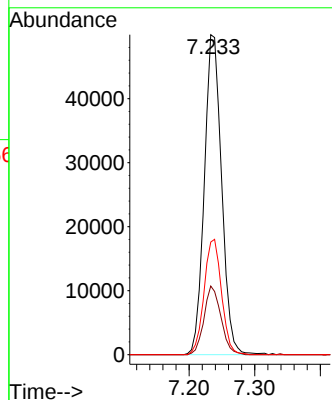
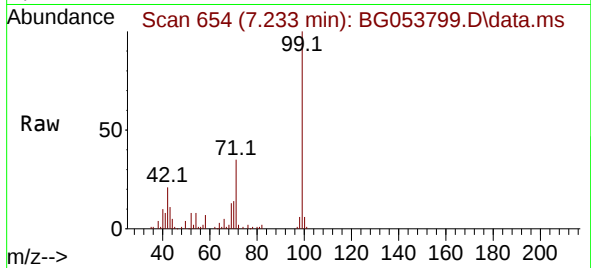




#7
Phenol-d6
Concen: 170.237 ng
RT: 7.233 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

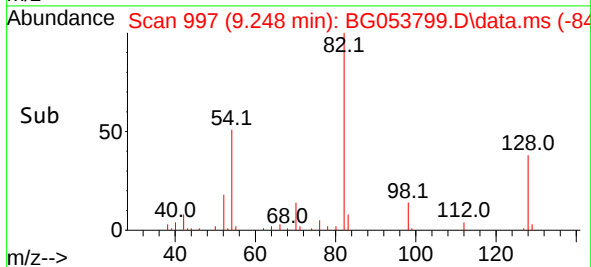
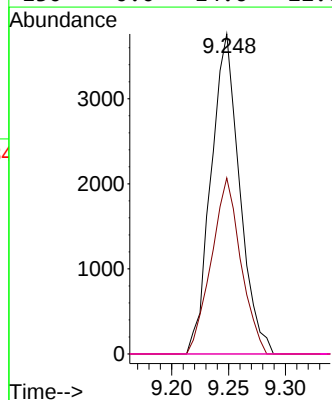
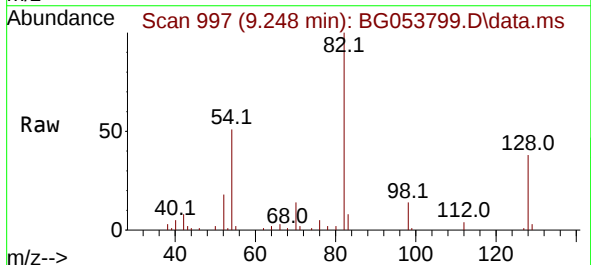
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

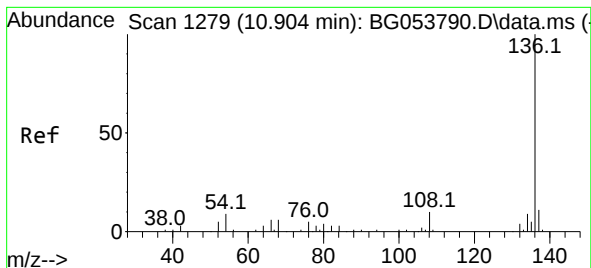
Tgt Ion: 99 Resp: 91784
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 35.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.250 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Tgt Ion: 70 Resp: 6587
Ion Ratio Lower Upper
70 100
42 55.0 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: 10.905 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG053799.D

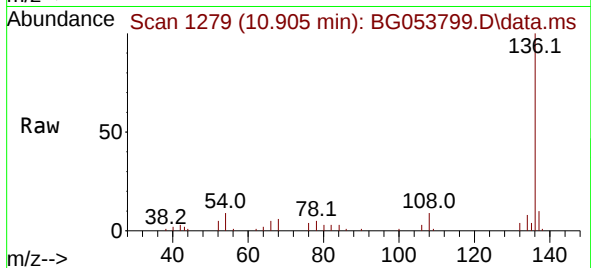
Acq: 2 Jun 2022 20:17

Instrument :

BNA_G

ClientSampleId :

P033-SS001-1824-01



Tgt Ion:136 Resp: 34300

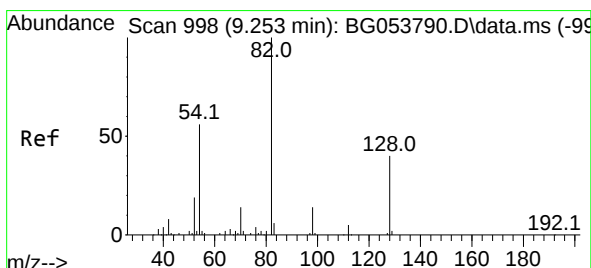
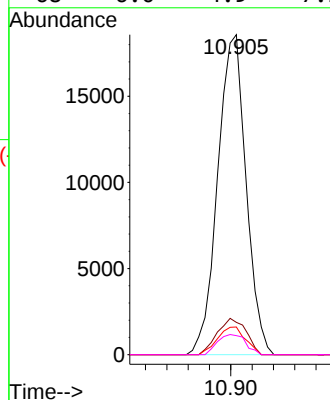
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 8.6 7.4 11.2

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 93.425 ng

RT: 9.248 min Scan# 997

Delta R.T. -0.005 min

Lab File: BG053799.D

Acq: 2 Jun 2022 20:17

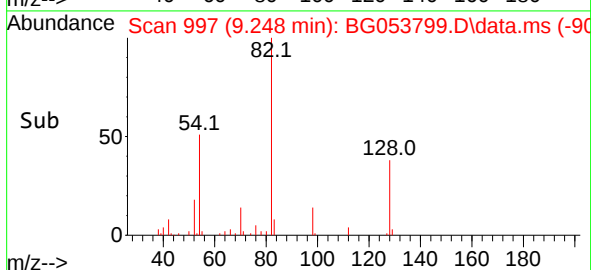
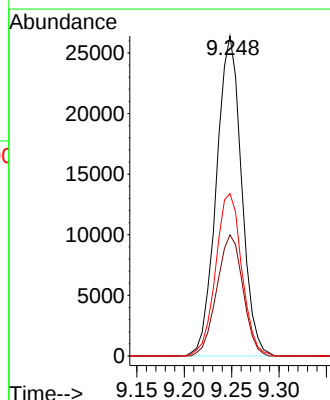
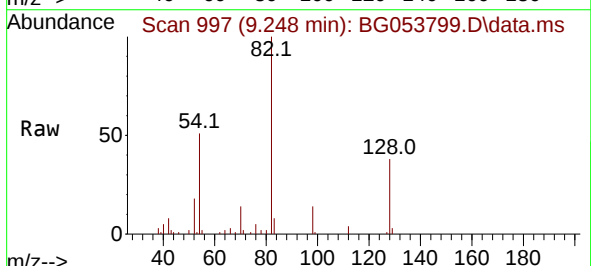
Tgt Ion: 82 Resp: 48798

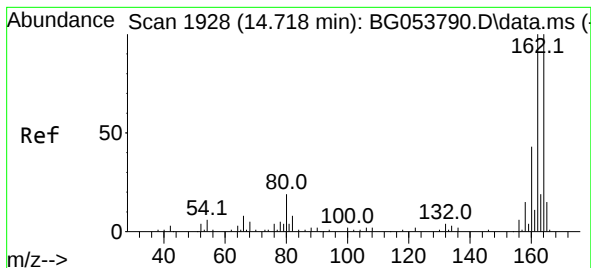
Ion Ratio Lower Upper

82 100

128 37.8 27.9 41.9

54 50.7 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.712 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BG053799.D

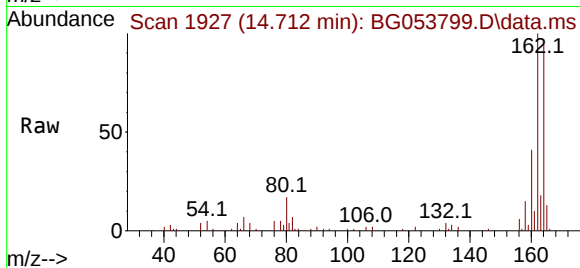
Acq: 2 Jun 2022 20:17

Instrument :

BNA_G

ClientSampleId :

P033-SS001-1824-01



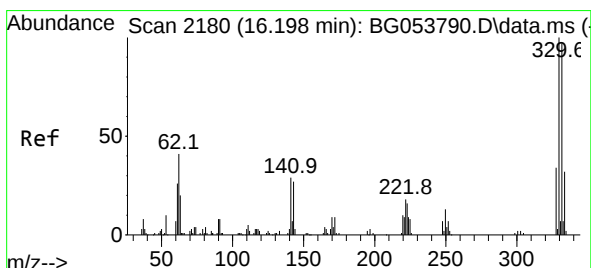
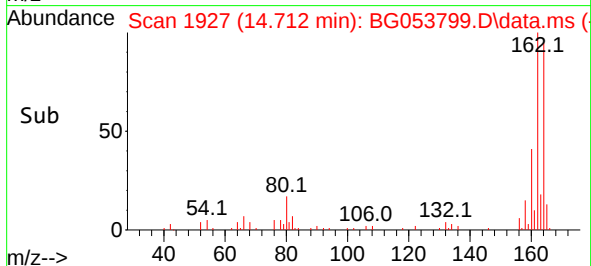
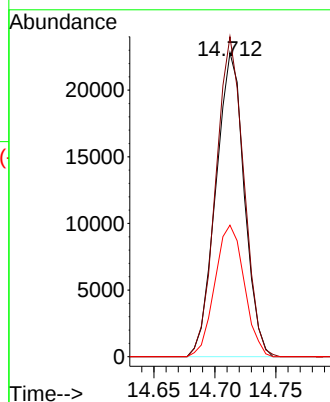
Tgt Ion:164 Resp: 36951

Ion Ratio Lower Upper

164 100

162 105.3 82.3 123.5

160 43.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 231.885 ng

RT: 16.193 min Scan# 2179

Delta R.T. -0.005 min

Lab File: BG053799.D

Acq: 2 Jun 2022 20:17

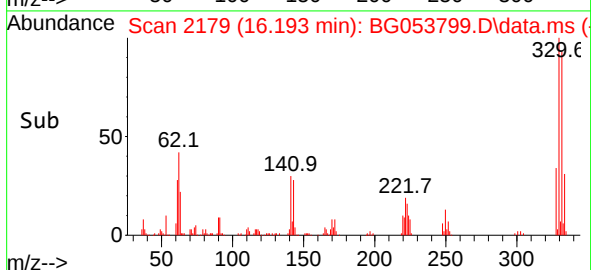
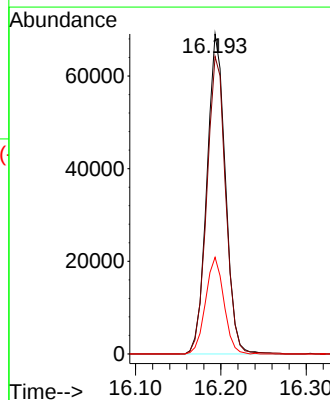
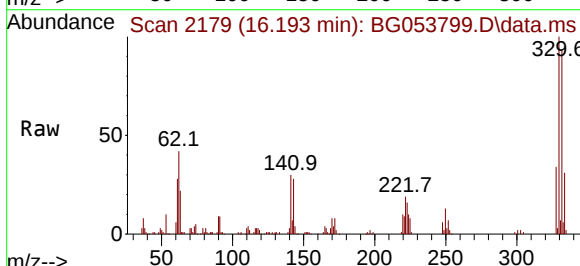
Tgt Ion:330 Resp: 104008

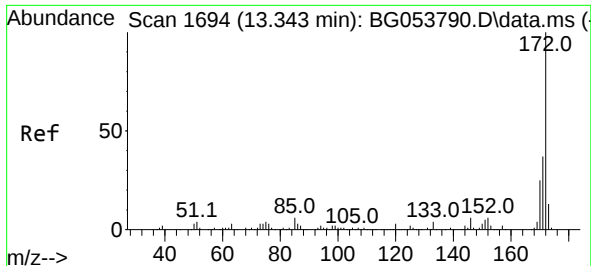
Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 29.9 27.1 40.7

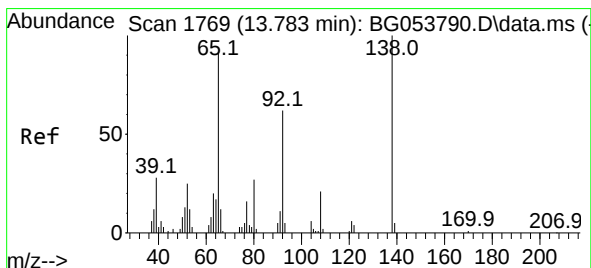
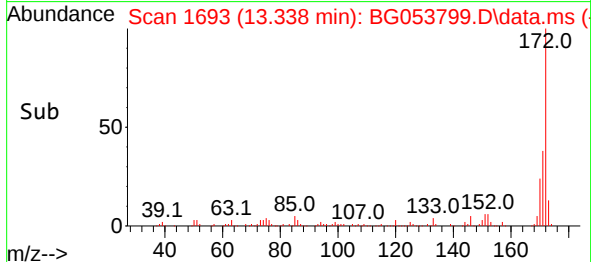
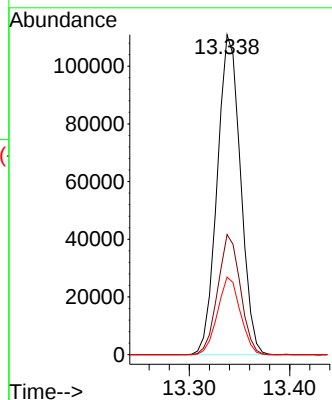
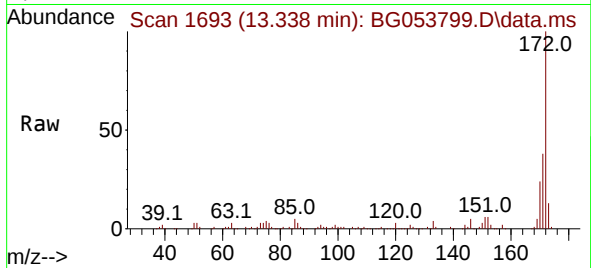




#45
2-Fluorobiphenyl
Concen: 72.276 ng
RT: 13.338 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

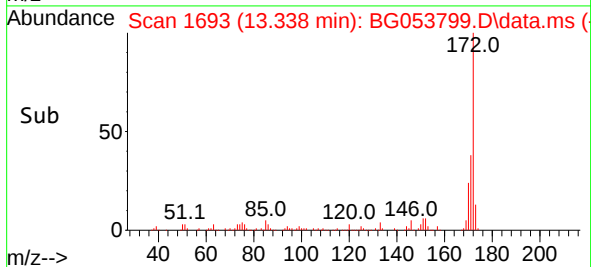
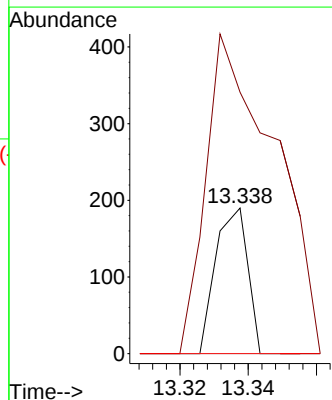
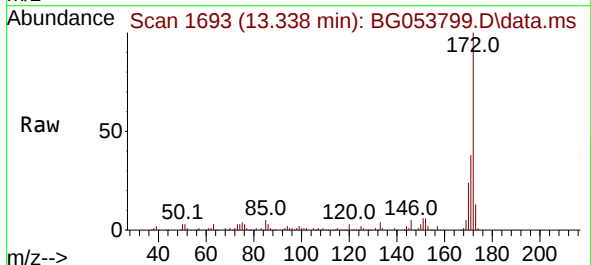
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

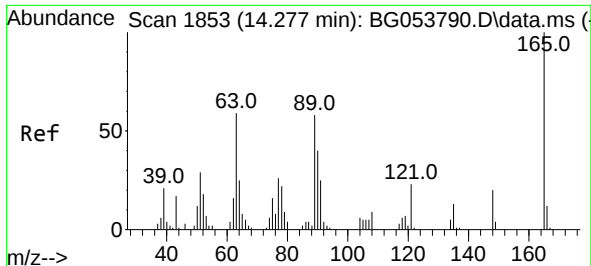
Tgt Ion:172 Resp: 178519
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 24.3 18.9 28.3



#48
2-Nitroaniline
Concen: 5.252 ng
RT: 13.338 min Scan# 1693
Delta R.T. -0.445 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Tgt Ion: 65 Resp: 123
Ion Ratio Lower Upper
65 100
92 179.5 51.5 77.3#
138 0.0 71.3 106.9#

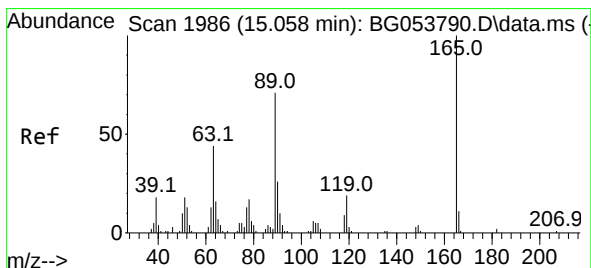
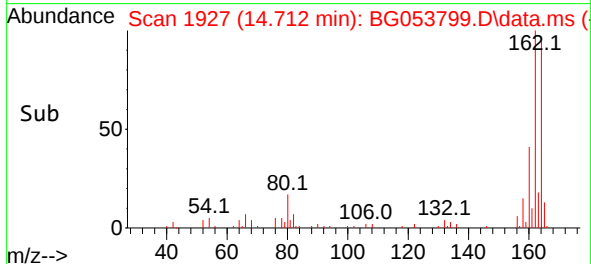
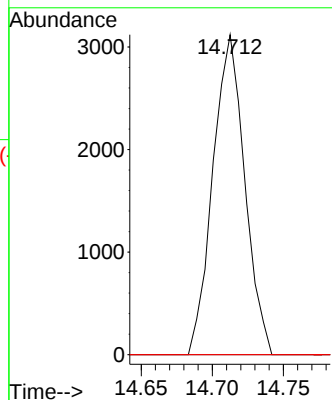
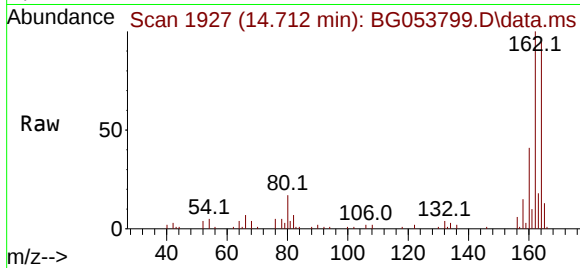




#51
2,6-Dinitrotoluene
Concen: 13.205 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

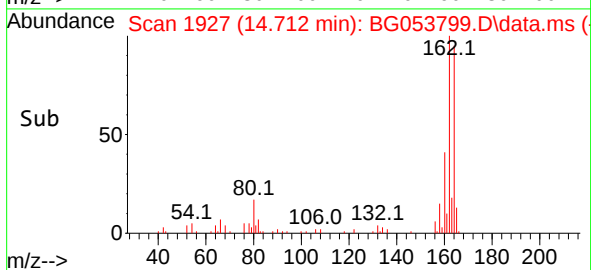
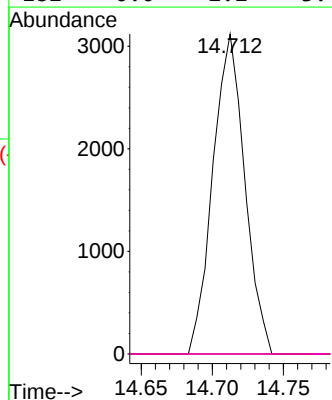
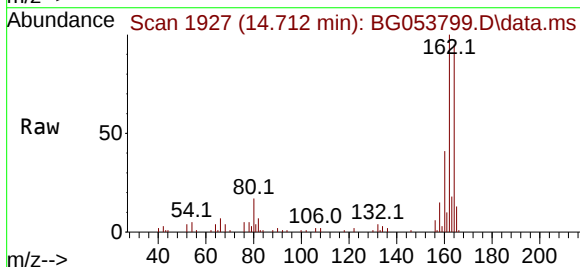
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

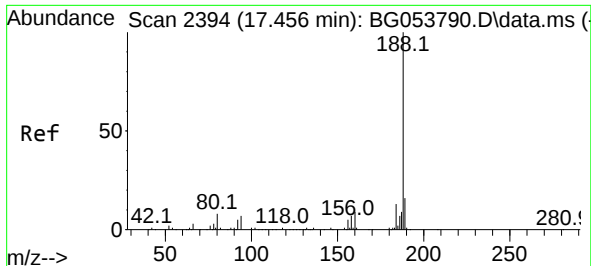
Tgt Ion:165 Resp: 4859
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 11.070 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.346 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Tgt Ion:165 Resp: 4859
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#

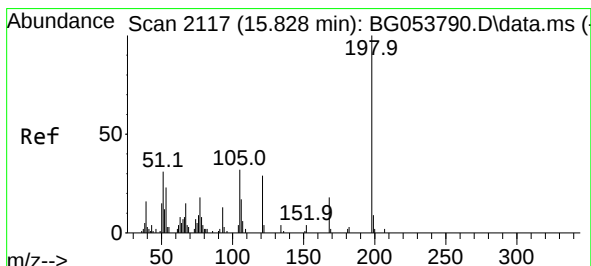
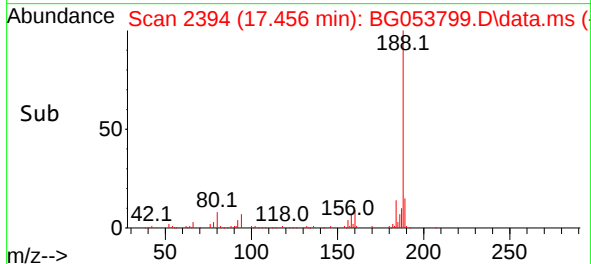
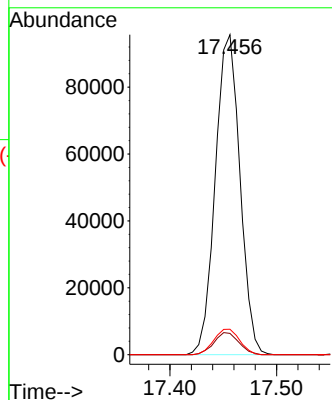
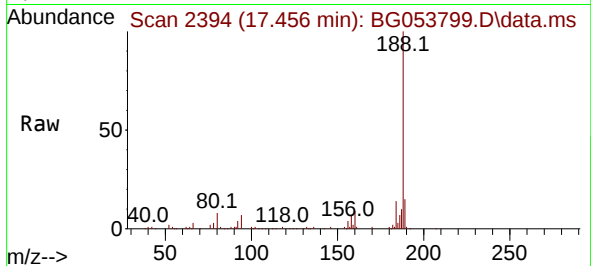




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

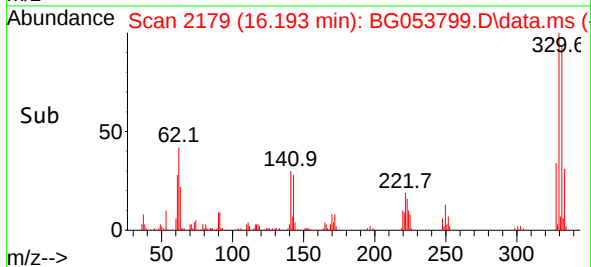
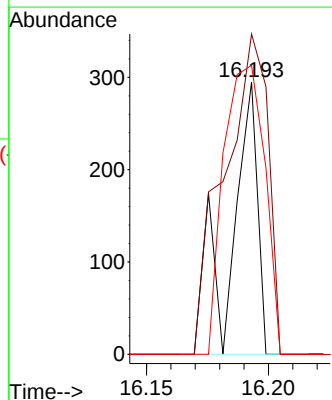
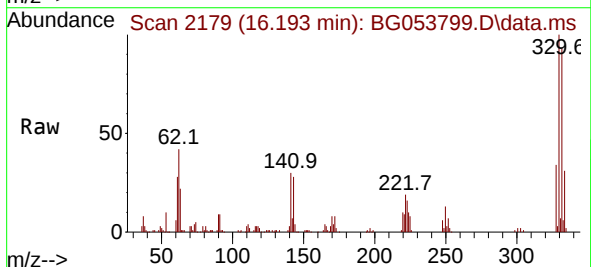
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

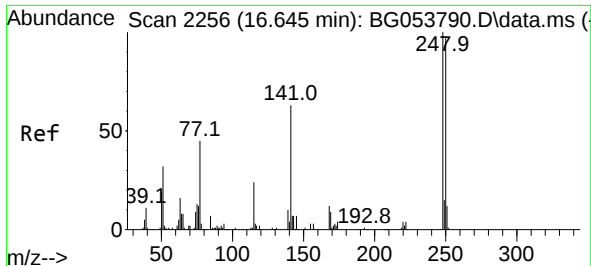
Tgt Ion:188 Resp: 153556
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.0 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.939 ng
RT: 16.193 min Scan# 2179
Delta R.T. 0.365 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Tgt Ion:198 Resp: 224
Ion Ratio Lower Upper
198 100
51 117.6 28.1 68.1#
105 106.1 20.3 60.3#

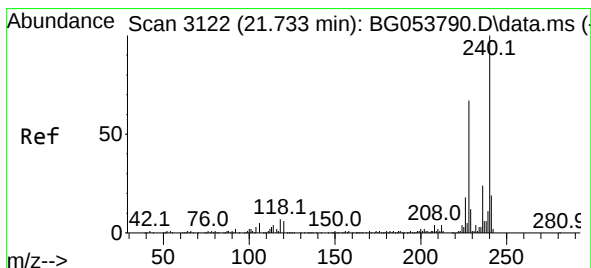
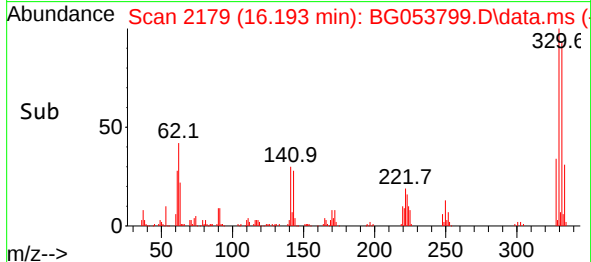
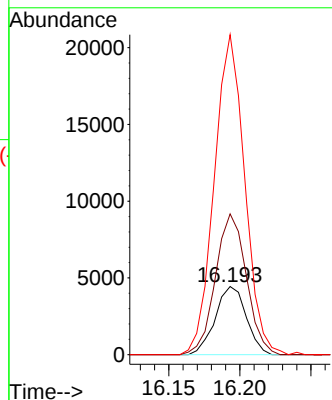
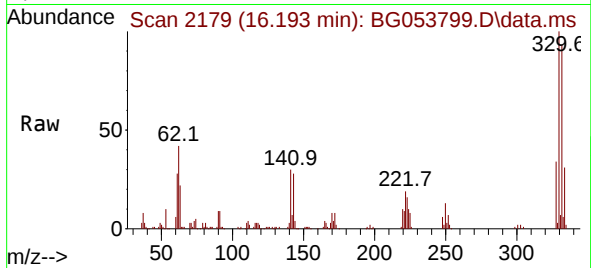




#67
4-Bromophenyl-phenylether
Concen: 4.037 ng
RT: 16.193 min Scan# 2117
Delta R.T. -0.452 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

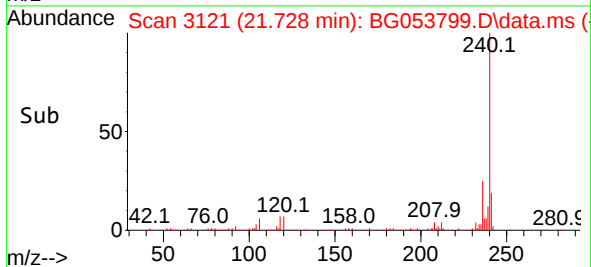
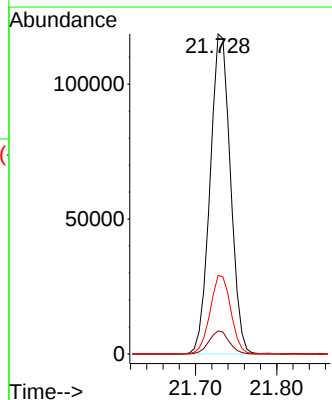
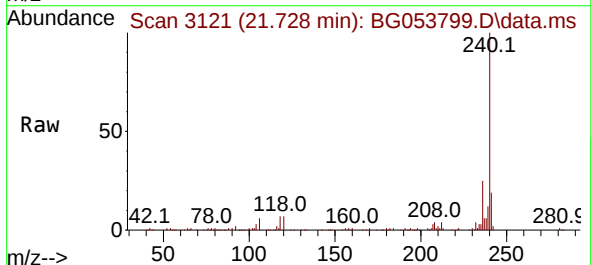
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

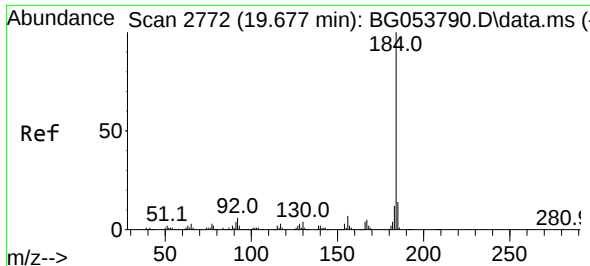
Tgt Ion:248 Resp: 6735
Ion Ratio Lower Upper
248 100
250 195.2 75.2 112.8#
141 354.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Tgt Ion:240 Resp: 206256
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 24.6 20.2 30.4

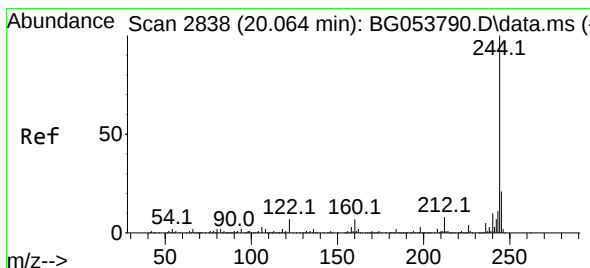
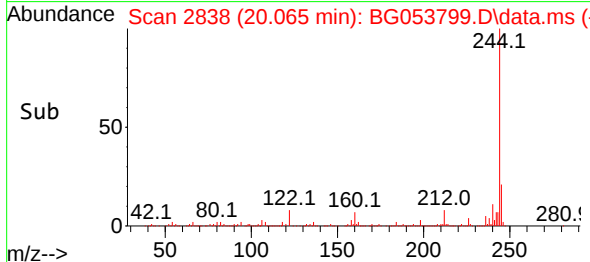
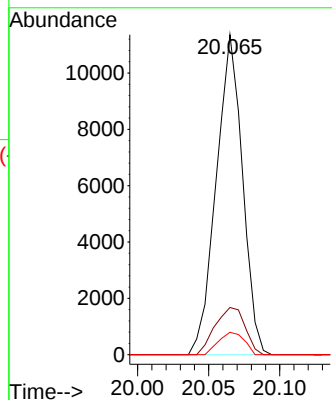
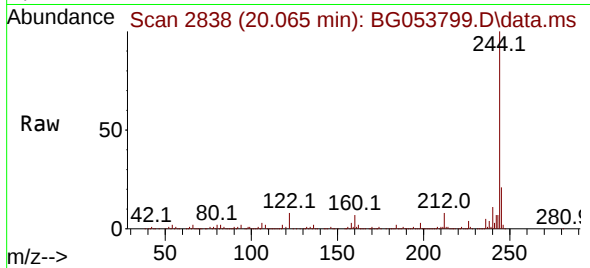




#77
Benzidine
Concen: 2.892 ng
RT: 20.065 min Scan# 21
Delta R.T. 0.388 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

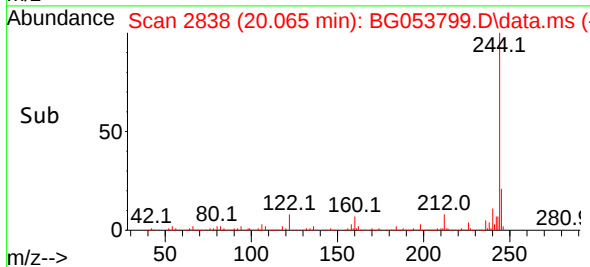
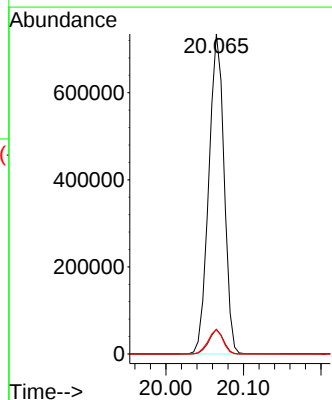
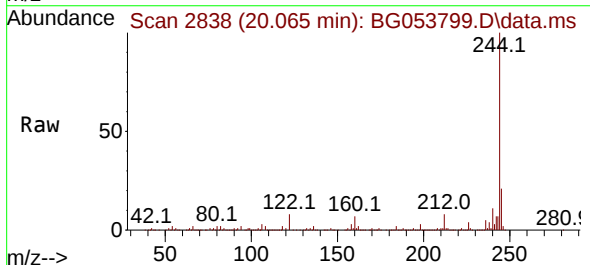
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01

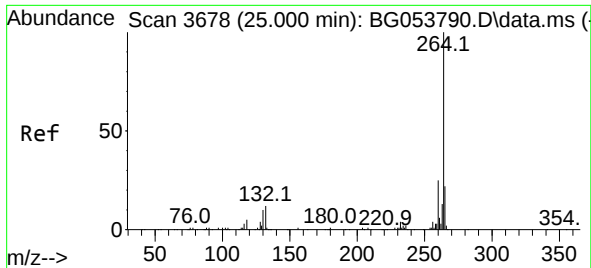
Tgt Ion:184 Resp: 14588
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 97.048 ng
RT: 20.065 min Scan# 2838
Delta R.T. 0.001 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

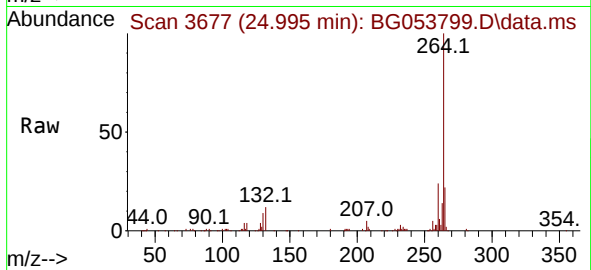
Tgt Ion:244 Resp: 1006170
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.6 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053799.D
Acq: 2 Jun 2022 20:17

Instrument :
BNA_G
ClientSampleId :
P033-SS001-1824-01



Tgt Ion:264 Resp: 189400
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.4 17.4 26.2

