

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053797.D
 Acq On : 2 Jun 2022 18:57
 Operator : CG/JU
 Sample : N2984-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-2430-01RE

Quant Time: Jun 03 02:27:45 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)

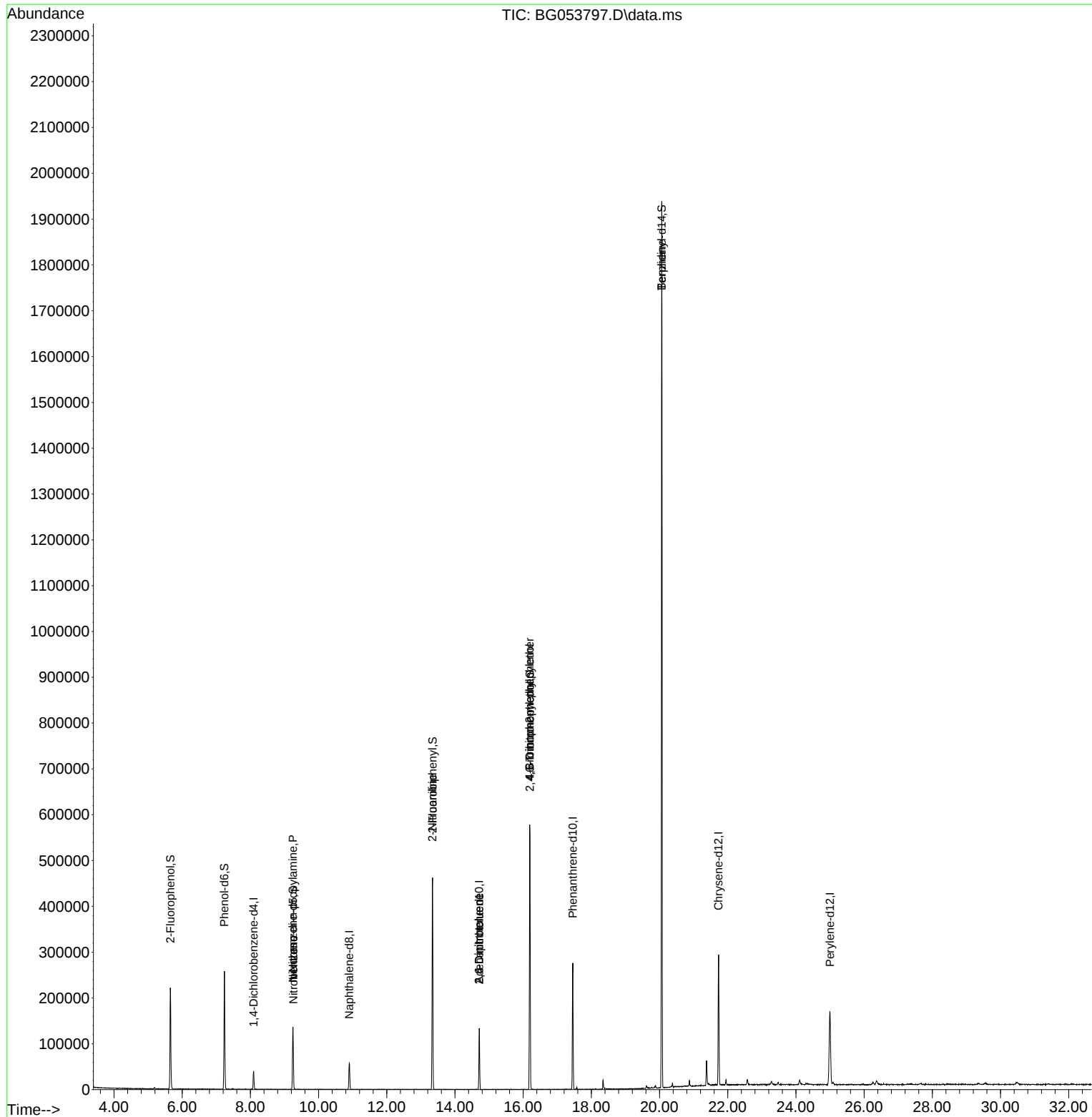
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	12547	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	55313	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	51117	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	183824	20.000	ng	0.00
76) Chrysene-d12	21.727	240	195305	20.000	ng	0.00
86) Perylene-d12	24.994	264	186613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	106296	155.573	ng	0.00
7) Phenol-d6	7.238	99	151387	163.566	ng	0.00
23) Nitrobenzene-d5	9.248	82	84442	100.250	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	127651	205.727	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	266771	78.074	ng	0.00
79) Terphenyl-d14	20.064	244	1019937	103.892	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	11038	16.838	ng	# 84
24) Nitrobenzene	9.260	77	112	3.084	ng	# 48
48) 2-Nitroaniline	13.337	65	425	5.568	ng	# 4
51) 2,6-Dinitrotoluene	14.712	165	6769	13.270	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	6769	11.116	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	152	5.794	ng	# 1
67) 4-Bromophenyl-phenylether	16.193	248	8610	4.311	ng	# 1
77) Benzidine	20.064	184	15063	3.154	ng	# 90

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

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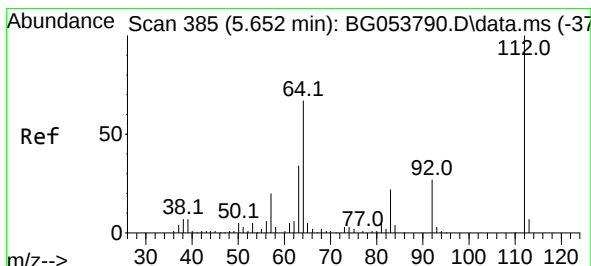
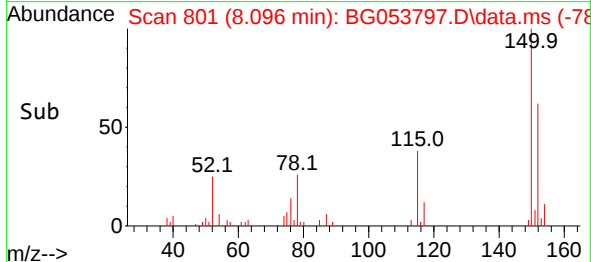
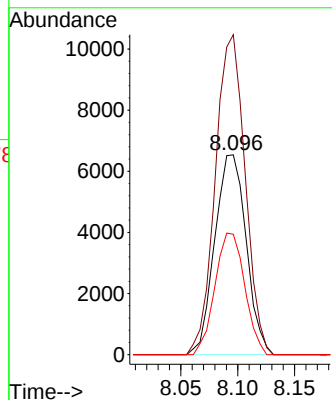
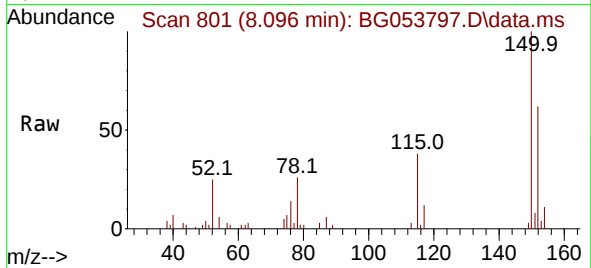




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.096 min Scan# 801
Delta R.T. 0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

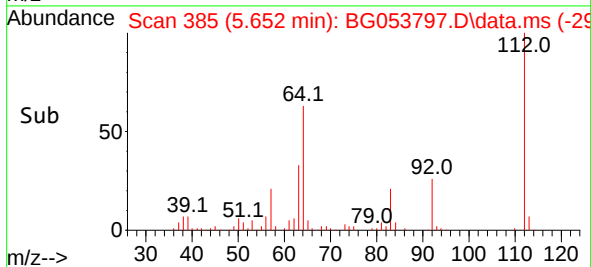
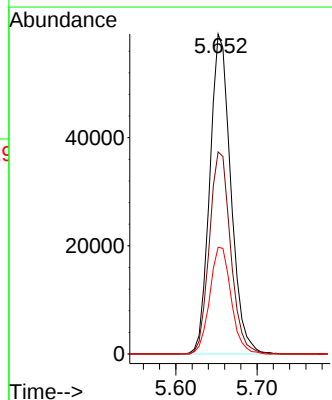
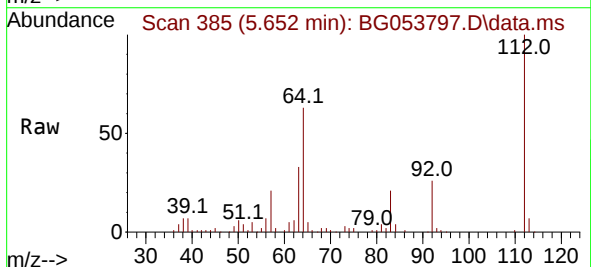
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

Tgt Ion:152 Resp: 12547
Ion Ratio Lower Upper
152 100
150 160.1 131.6 197.4
115 60.3 50.9 76.3



#5
2-Fluorophenol
Concen: 155.573 ng
RT: 5.652 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:112 Resp: 106296
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 33.3 30.4 45.6

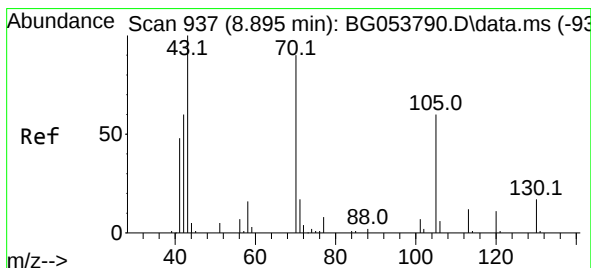
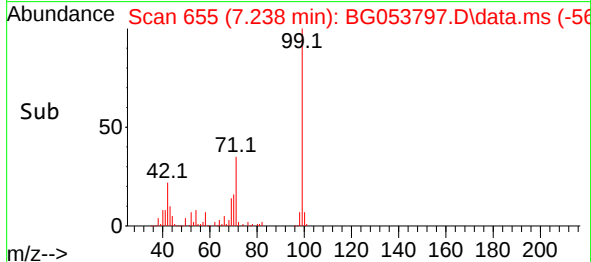
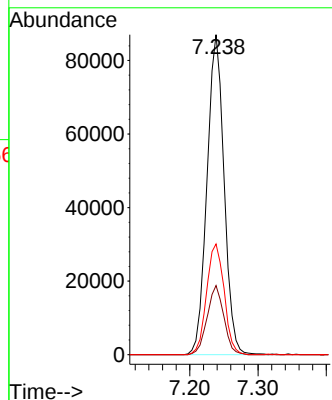
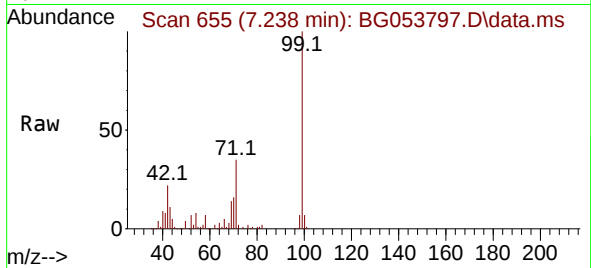




#7
Phenol-d6
Concen: 163.566 ng
RT: 7.238 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

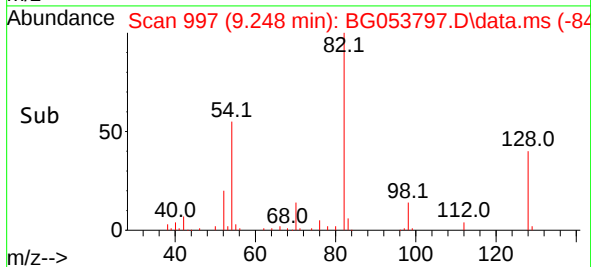
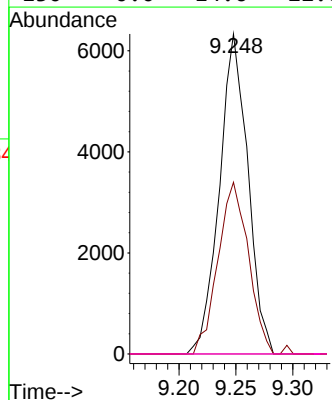
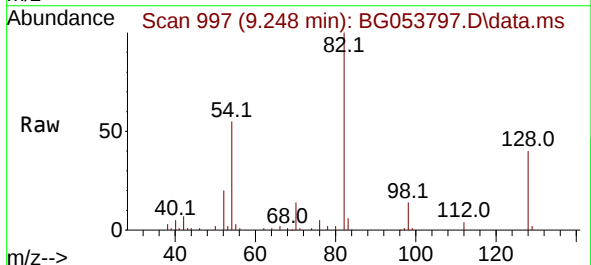
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

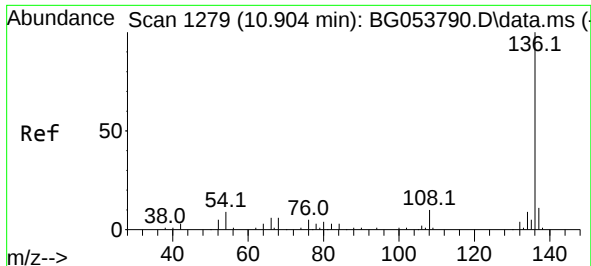
Tgt Ion: 99 Resp: 151387
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 34.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.838 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion: 70 Resp: 11038
Ion Ratio Lower Upper
70 100
42 53.6 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

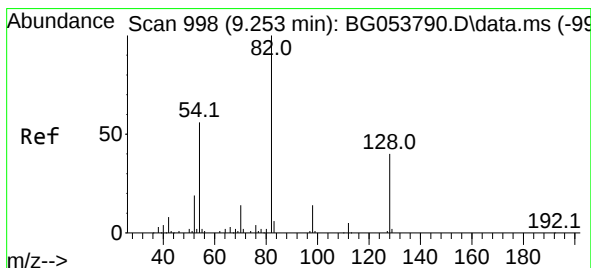
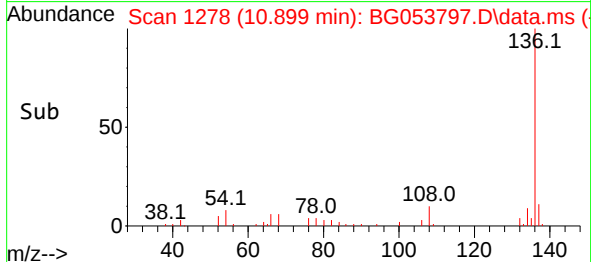
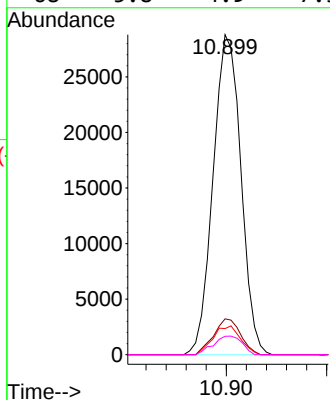
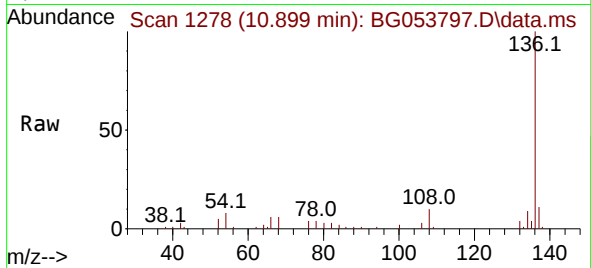




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

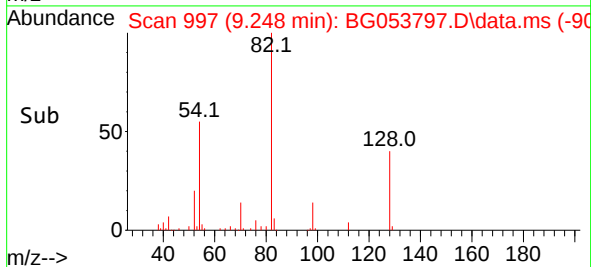
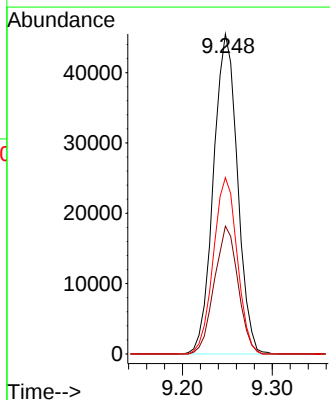
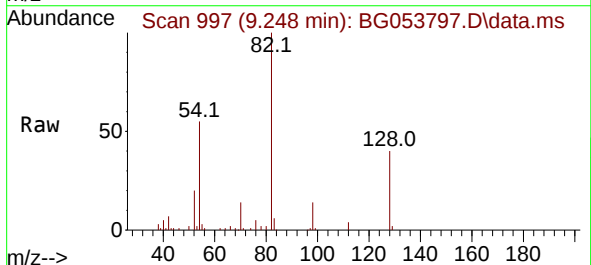
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

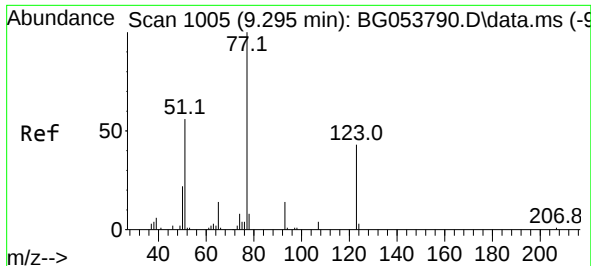
Tgt Ion:	136	Resp:	55313
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.2	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 100.250 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:	82	Resp:	84442
Ion Ratio	Lower	Upper	
82	100		
128	40.0	27.9	41.9
54	55.1	41.2	61.8

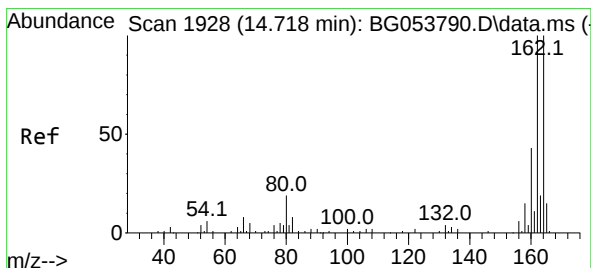
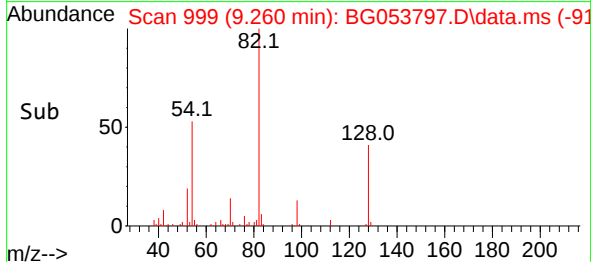
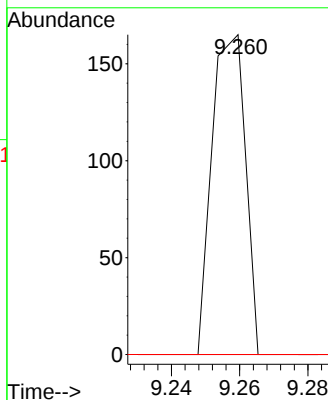
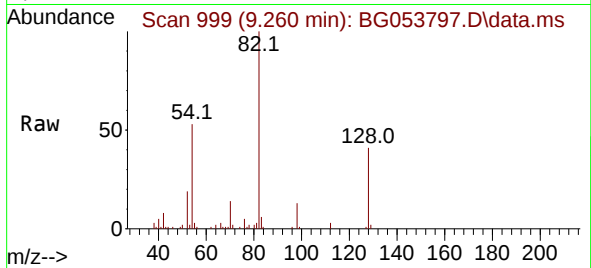




#24
Nitrobenzene
Concen: 3.084 ng
RT: 9.260 min Scan# 91
Delta R.T. -0.035 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

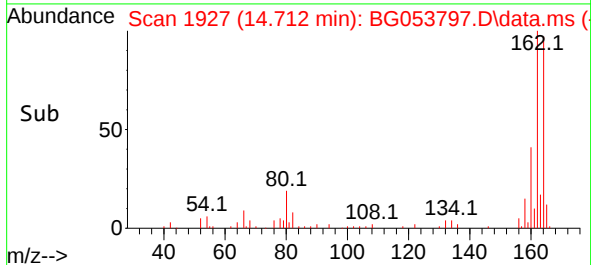
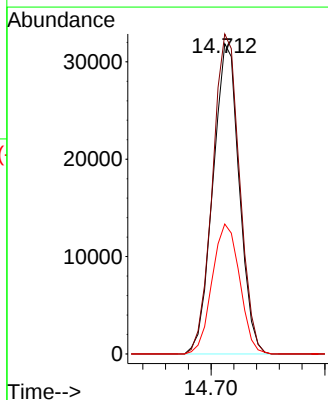
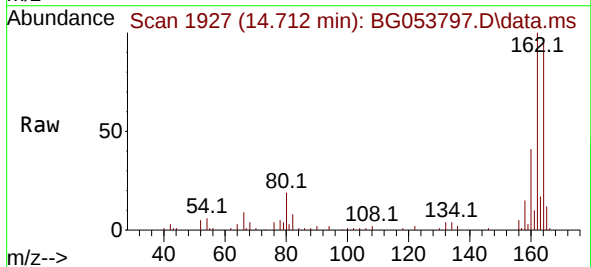
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

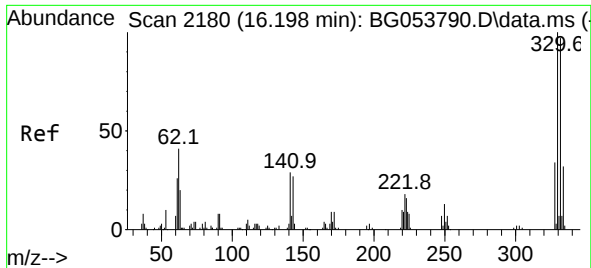
Tgt Ion: 77 Resp: 112
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:164 Resp: 51117
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 41.9 34.2 51.2

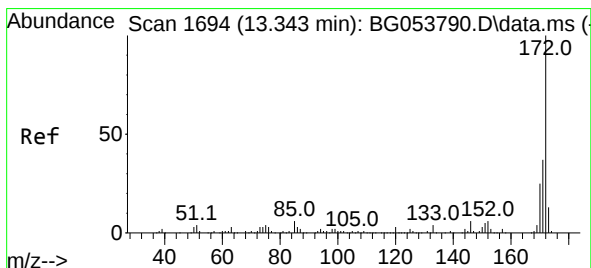
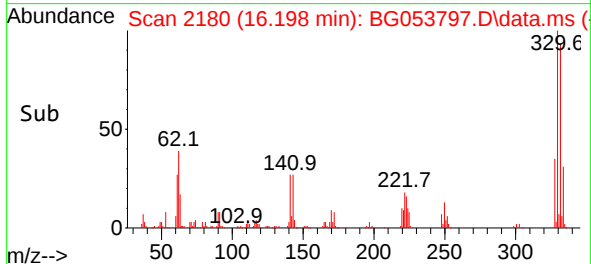
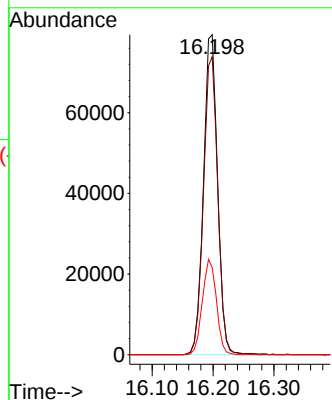
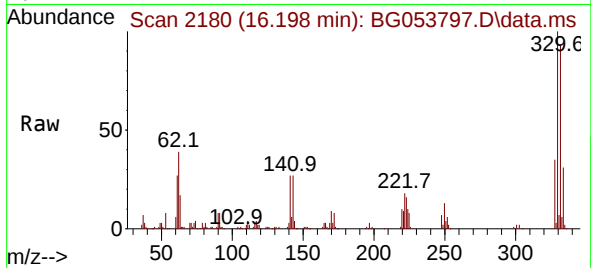




#42
2,4,6-Tribromophenol
Concen: 205.727 ng
RT: 16.198 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

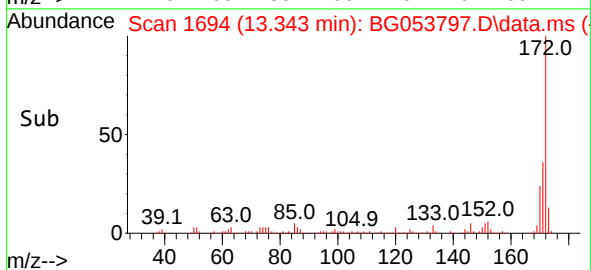
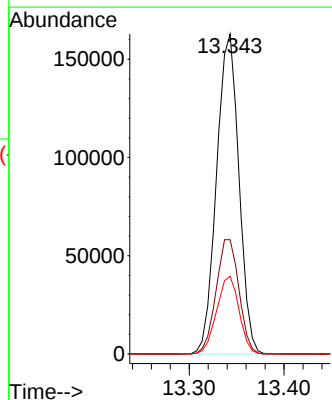
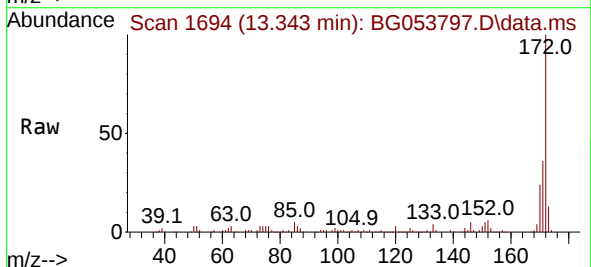
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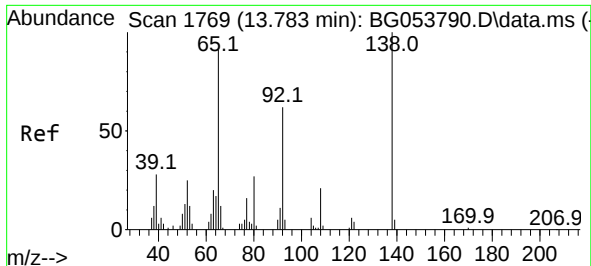
Tgt Ion:330 Resp: 127651
Ion Ratio Lower Upper
330 100
332 94.4 76.0 114.0
141 29.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 78.074 ng
RT: 13.343 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:172 Resp: 266771
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.2 18.9 28.3

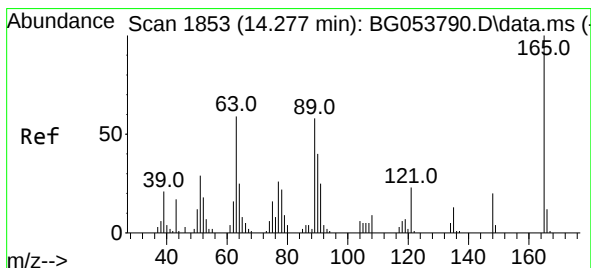
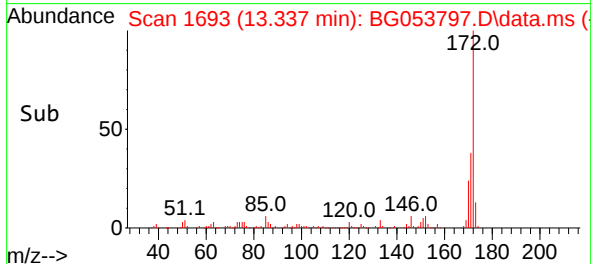
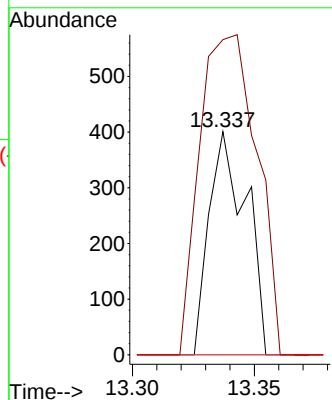
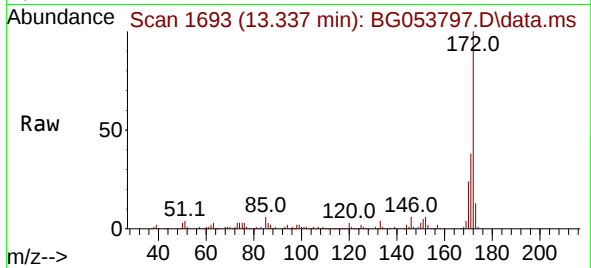




#48
2-Nitroaniline
Concen: 5.568 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.446 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

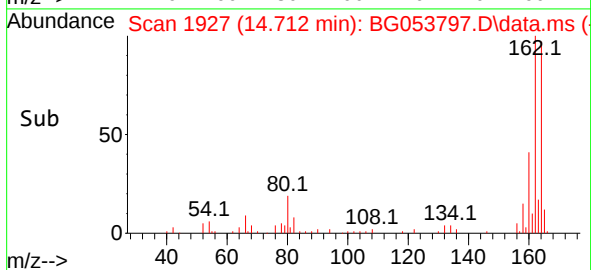
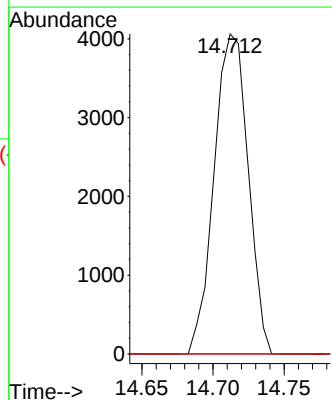
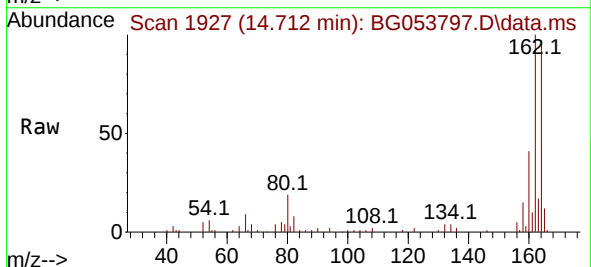
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P014-SS002-2430-01RE

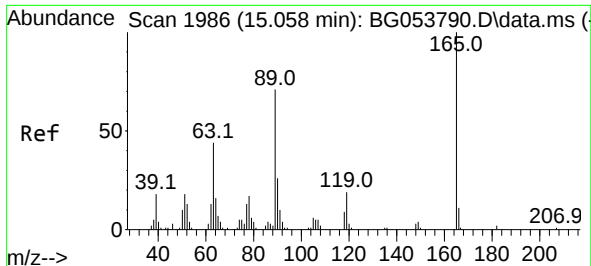
Tgt Ion: 65 Resp: 425
Ion Ratio Lower Upper
65 100
92 141.1 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.270 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion: 165 Resp: 6769
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: 11.116 ng

RT: 14.712 min Scan# 1986

Delta R.T. -0.346 min

Lab File: BG053797.D

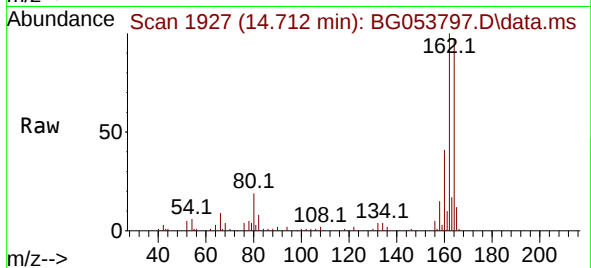
Acq: 2 Jun 2022 18:57

Instrument :

BNA_G

ClientSampleId :

P014-SS002-2430-01RE



Tgt Ion:165 Resp: 6769

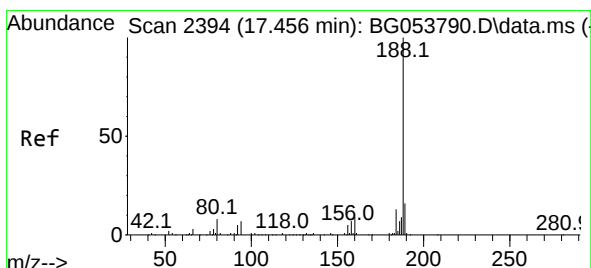
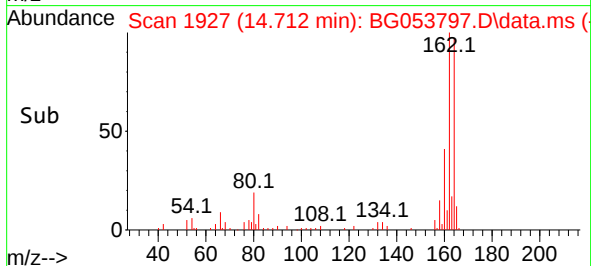
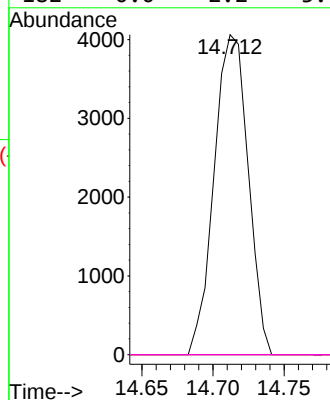
Ion Ratio Lower Upper

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: BG053797.D

Acq: 2 Jun 2022 18:57

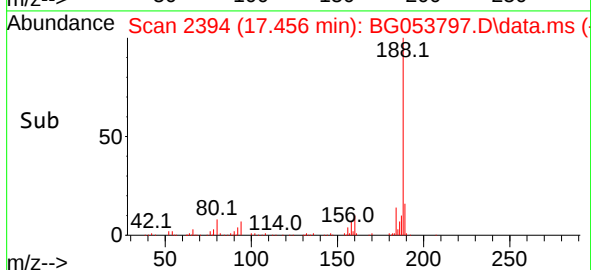
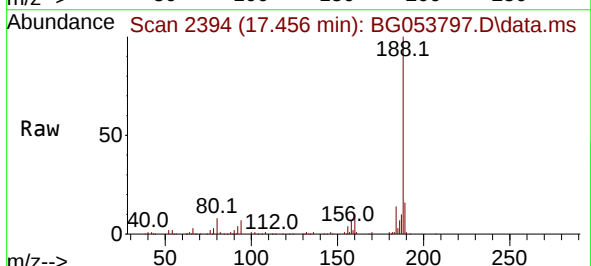
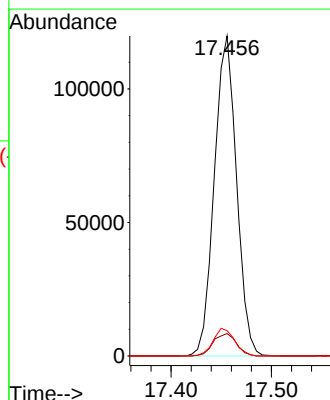
Tgt Ion:188 Resp: 183824

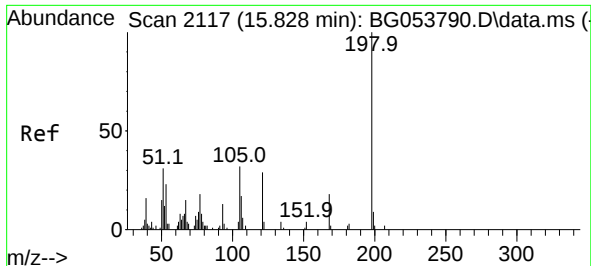
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 7.9 6.8 10.2

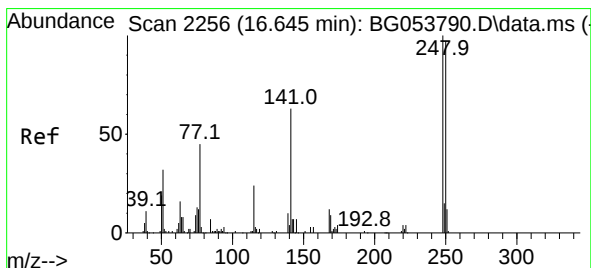
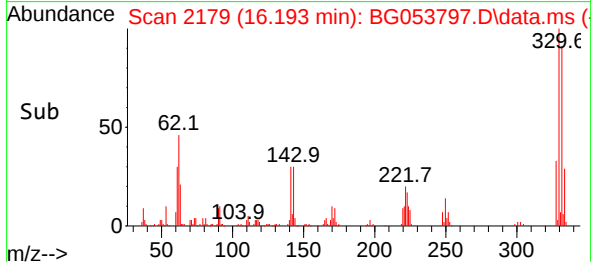
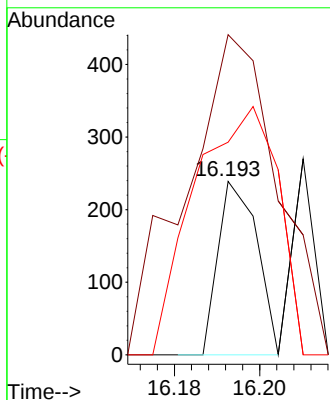
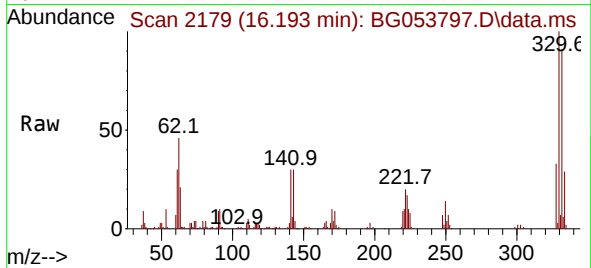




#65
4,6-Dinitro-2-methylphenol
Concen: 5.794 ng
RT: 16.193 min Scan# 2117
Delta R.T. 0.365 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

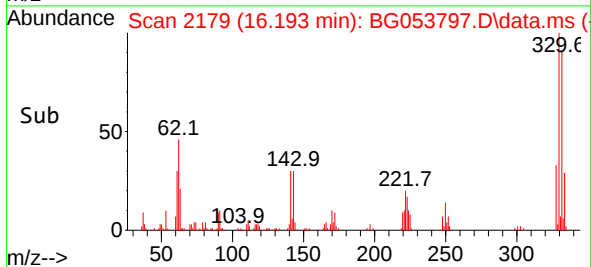
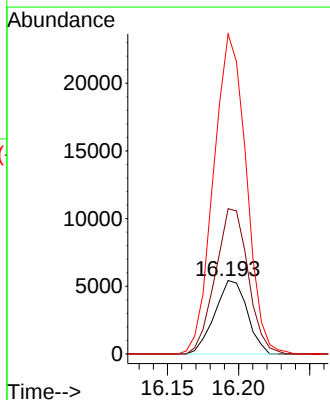
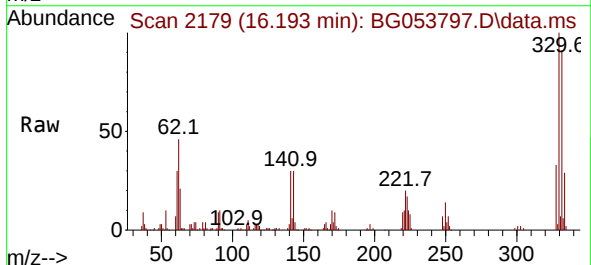
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

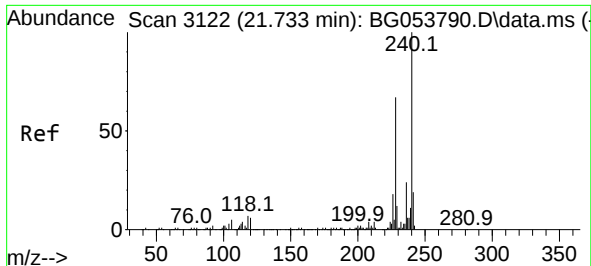
Tgt Ion:198 Resp: 152
Ion Ratio Lower Upper
198 100
51 184.5 28.1 68.1#
105 122.6 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.311 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:248 Resp: 8610
Ion Ratio Lower Upper
248 100
250 199.9 75.2 112.8#
141 336.6 50.0 75.0#

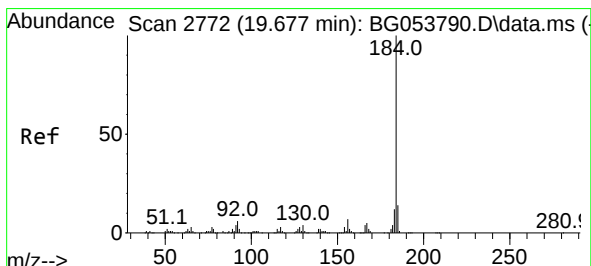
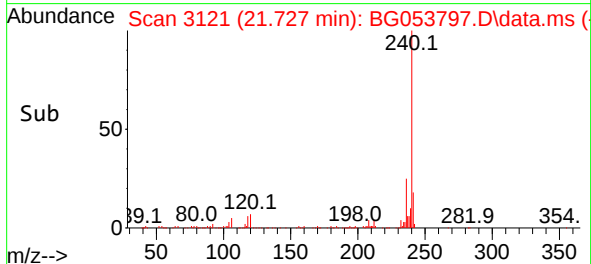
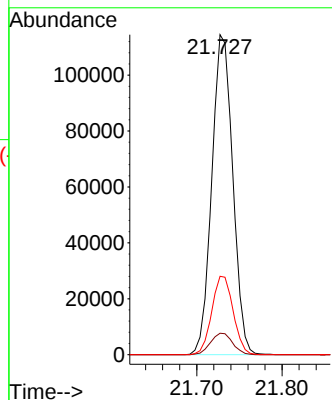
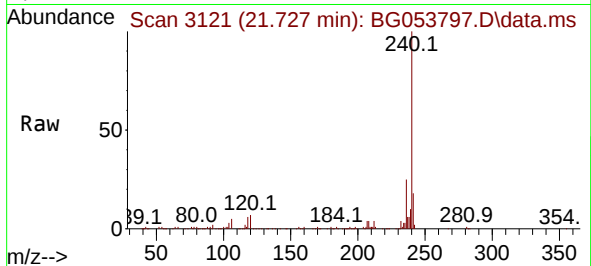




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

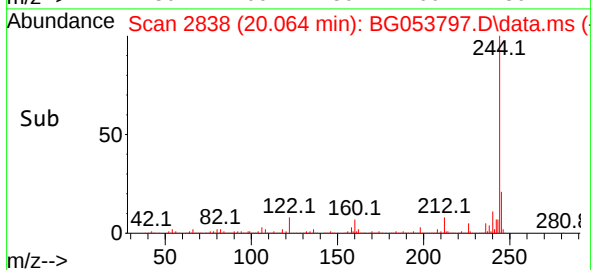
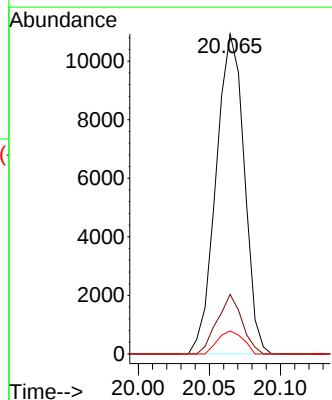
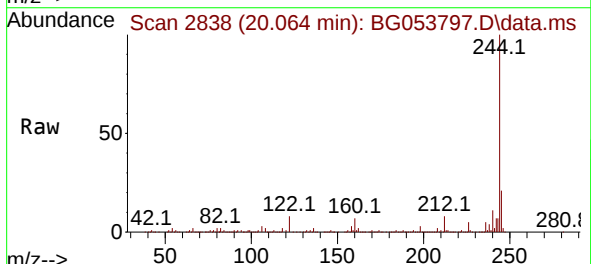
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

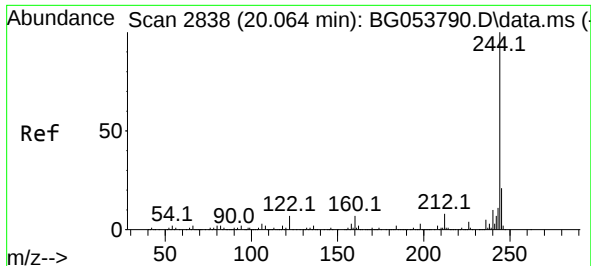
Tgt Ion:240 Resp: 195305
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.5 20.2 30.4



#77
Benzidine
Concen: 3.154 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.388 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:184 Resp: 15063
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 7.2 8.9 13.3#

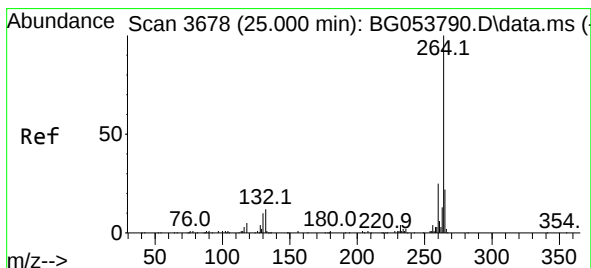
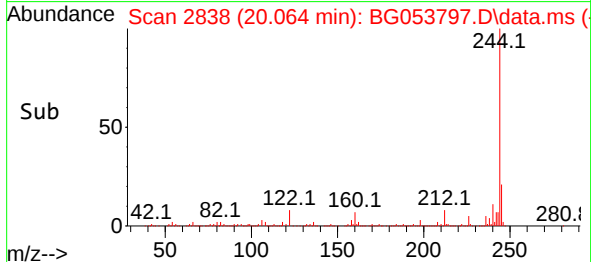
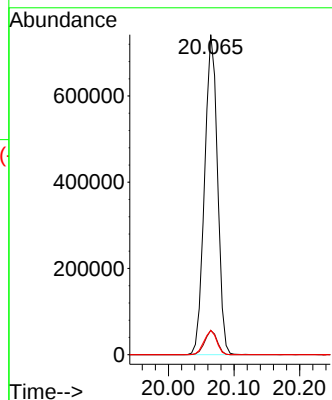
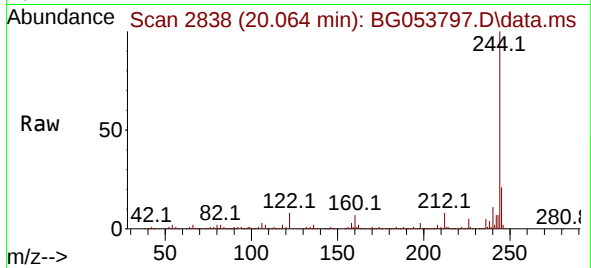




#79
 Terphenyl-d14
 Concen: 103.892 ng
 RT: 20.064 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053797.D
 Acq: 2 Jun 2022 18:57

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-2430-01RE

Tgt Ion:244 Resp: 1019937
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 3677
 Delta R.T. -0.006 min
 Lab File: BG053797.D
 Acq: 2 Jun 2022 18:57

Tgt Ion:264 Resp: 186613
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 20.6 17.4 26.2

