

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054592.D
 Acq On : 10 Aug 2022 17:29
 Operator : CG/JU
 Sample : N3972-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPN-8

Quant Time: Aug 10 18:04:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

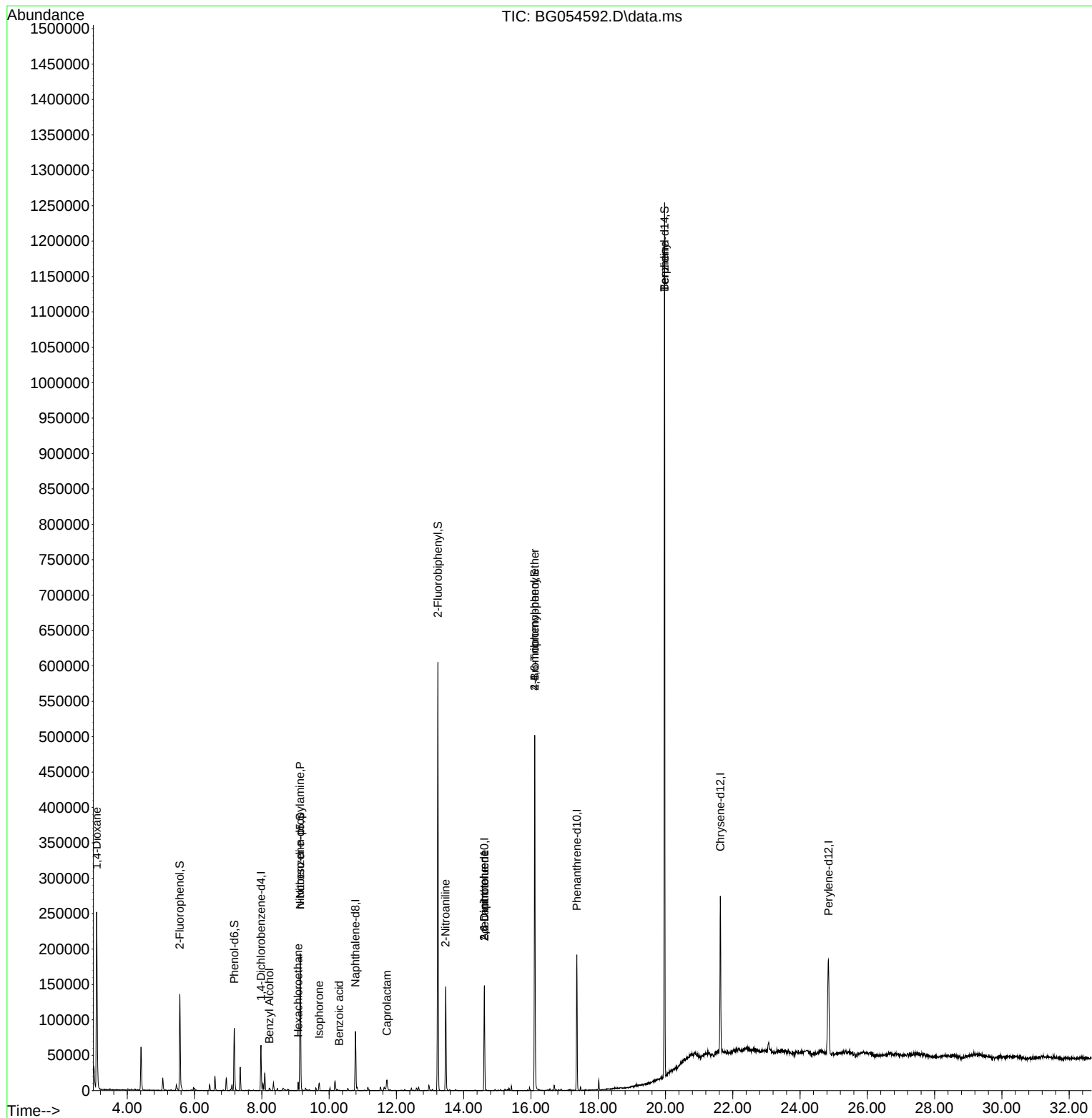
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	20367	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	76320	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	55883	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	138197	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	153386	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	166040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	65087	66.723	ng	0.00
7) Phenol-d6	7.183	99	52855	39.543	ng	0.00
23) Nitrobenzene-d5	9.139	82	119931	85.575	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	137165	116.902	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	338715	85.504	ng	0.00
79) Terphenyl-d14	19.974	244	688625	89.063	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.094	88	3110	8.014	ng	# 1
9) Benzaldehyde	7.112	77	690	Below Cal		# 1
15) Benzyl Alcohol	8.229	79	2245	2.042	ng	92
18) Hexachloroethane	9.081	117	1200	2.569	ng	# 1
19) n-Nitroso-di-n-propyla...	9.139	70	17066	19.120	ng	# 77
25) Isophorone	9.703	82	8569	3.516	ng	# 92
32) Benzoic acid	10.303	122	128	7.953	ng	# 1
35) Caprolactam	11.719	113	3266	9.010	ng	93
48) 2-Nitroaniline	13.464	65	4776	5.720	ng	# 21
51) 2,6-Dinitrotoluene	14.615	165	7900	8.251	ng	# 16
57) 2,4-Dinitrotoluene	14.615	165	7900	5.756	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	8389	4.322	ng	# 1
77) Benzidine	19.974	184	9192	3.309	ng	# 91

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

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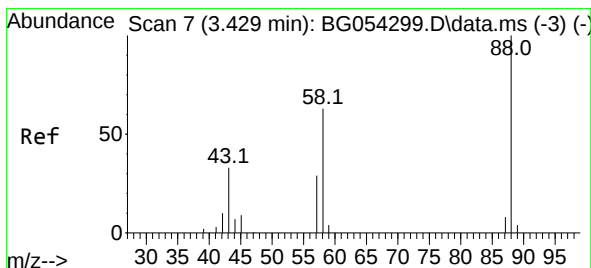
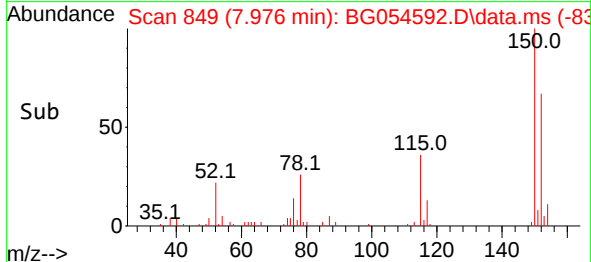
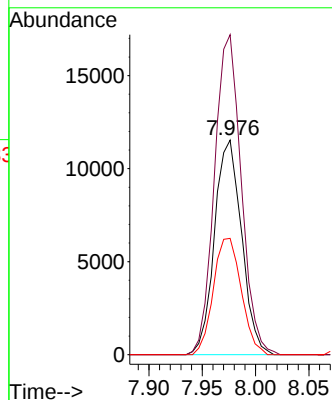
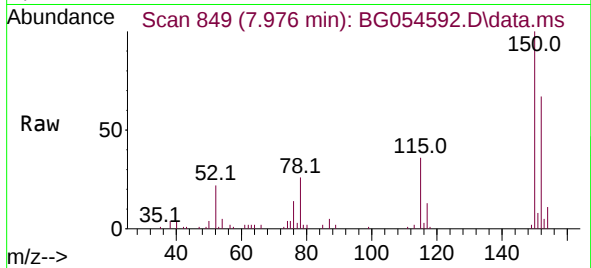




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

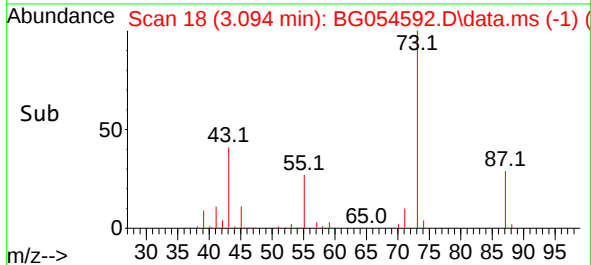
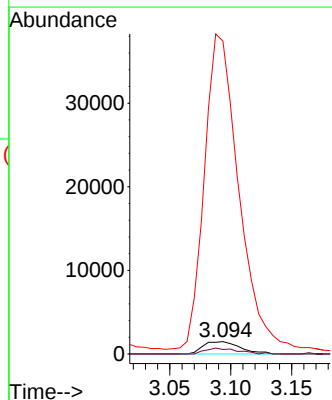
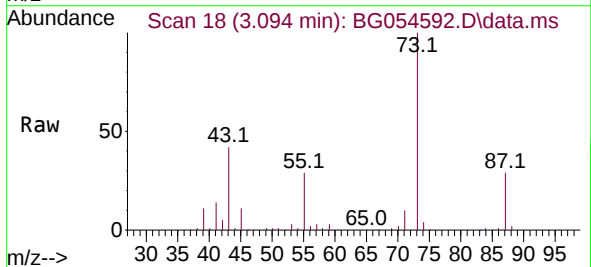
Instrument :
BNA_G
ClientSampleId :
SPN-8

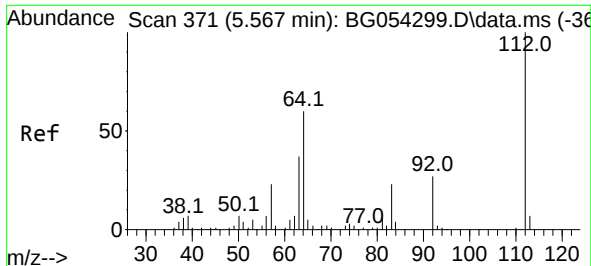
Tgt Ion:152 Resp: 20367
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 54.2 50.9 76.3



#2
1,4-Dioxane
Concen: 8.014 ng
RT: 3.094 min Scan# 18
Delta R.T. -0.302 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 88 Resp: 3110
Ion Ratio Lower Upper
88 100
58 41.8 59.2 88.8#
43 2434.8 24.3 36.5#

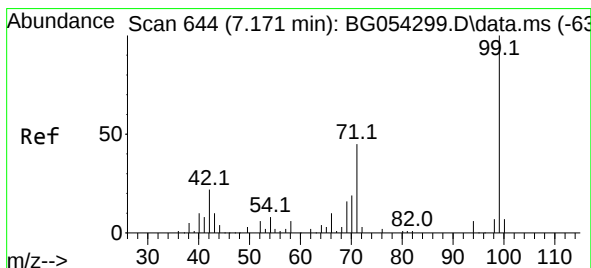
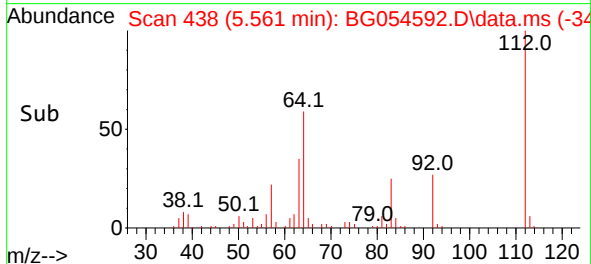
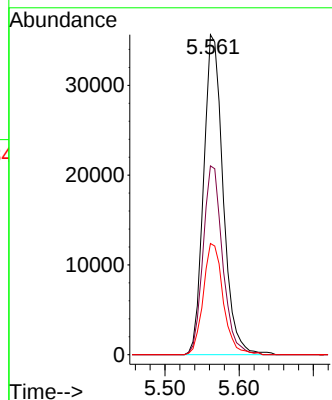
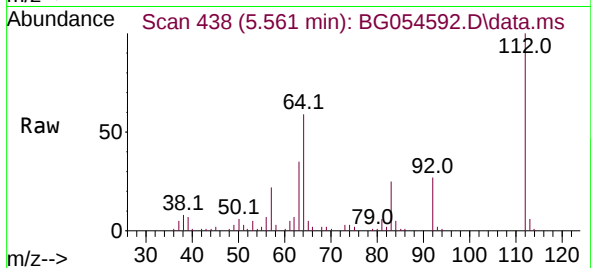




#5
2-Fluorophenol
Concen: 66.723 ng
RT: 5.561 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

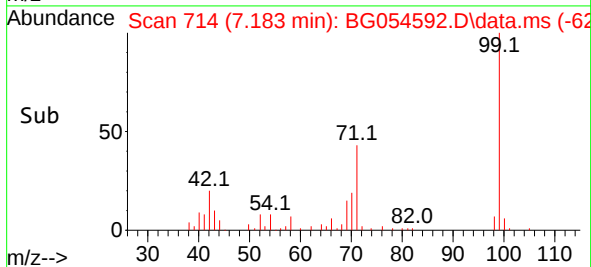
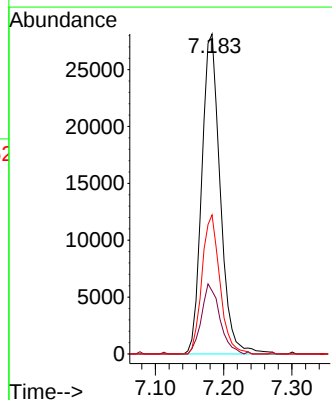
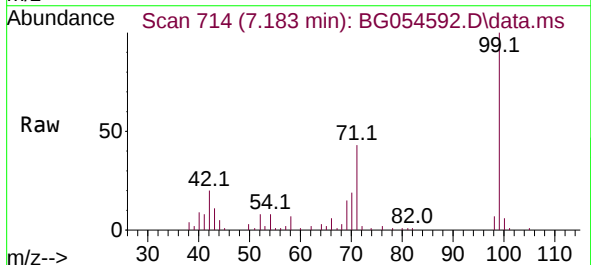
Instrument :
BNA_G
ClientSampleId :
SPN-8

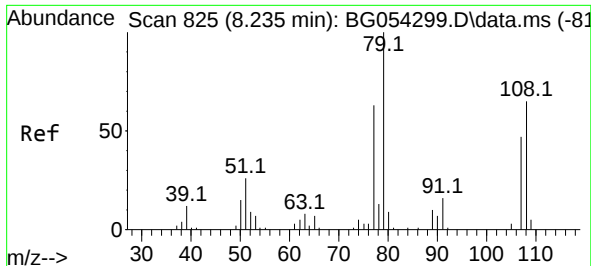
Tgt Ion:112 Resp: 65087
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 34.8 30.4 45.6



#7
Phenol-d6
Concen: 39.543 ng
RT: 7.183 min Scan# 714
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 99 Resp: 52855
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 43.5 33.8 50.8

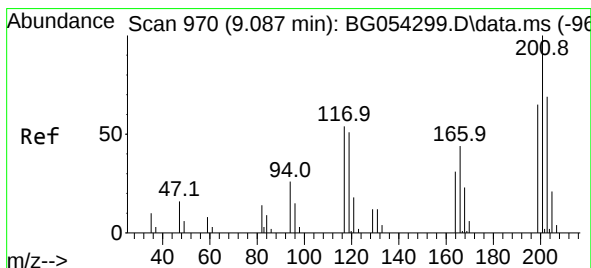
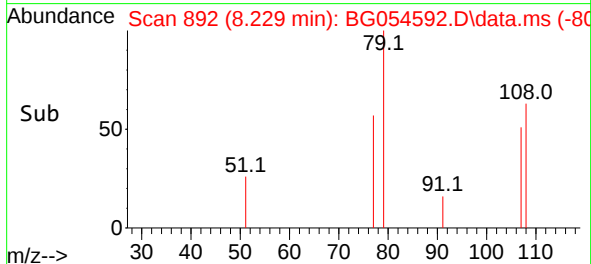
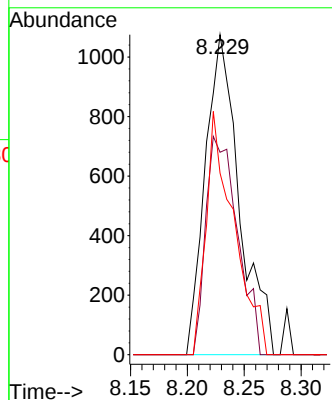
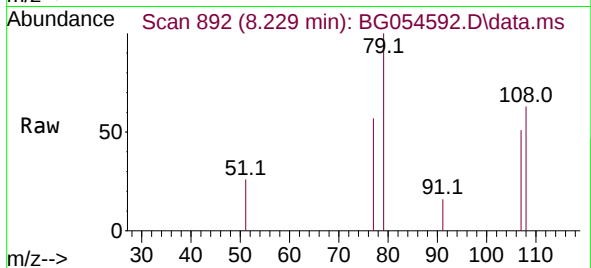




#15
Benzyl Alcohol
Concen: 2.042 ng
RT: 8.229 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

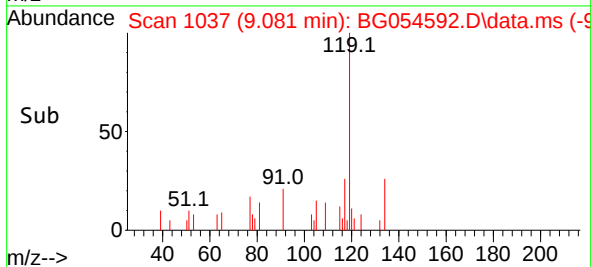
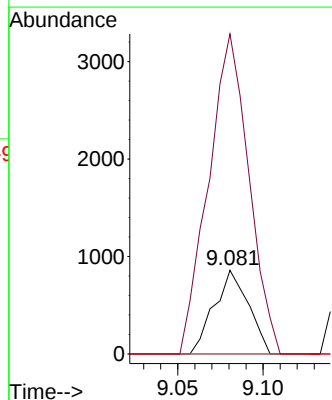
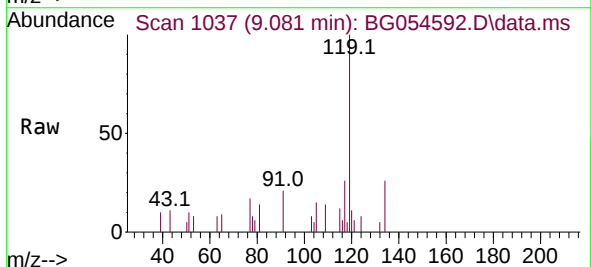
Instrument :
BNA_G
Client SampleId :
SPN-8

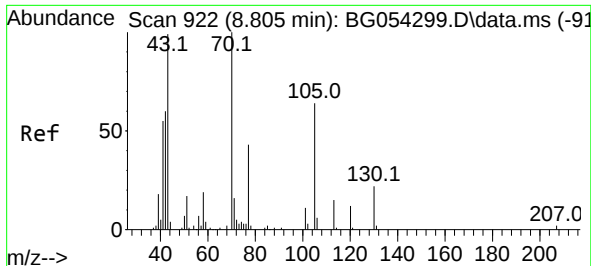
Tgt Ion: 79 Resp: 2245
Ion Ratio Lower Upper
79 100
108 63.3 53.7 80.5
77 56.7 52.2 78.4



#18
Hexachloroethane
Concen: 2.569 ng
RT: 9.081 min Scan# 1037
Delta R.T. 0.027 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 117 Resp: 1200
Ion Ratio Lower Upper
117 100
119 382.3 75.0 112.6#
201 0.0 89.0 133.6#

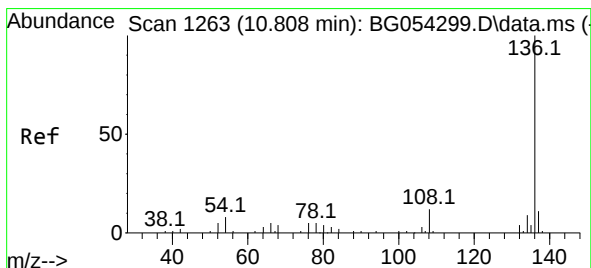
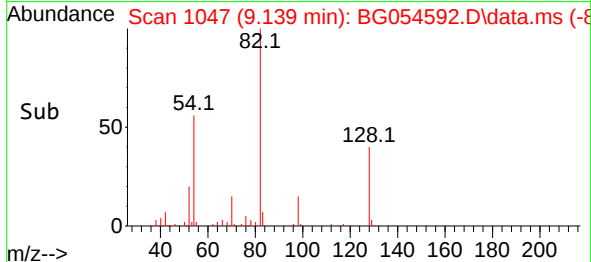
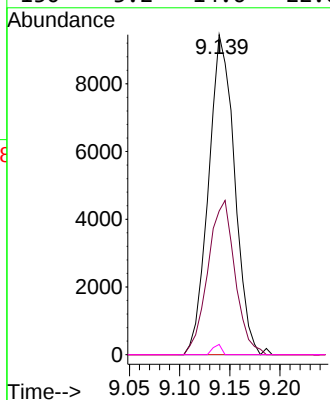
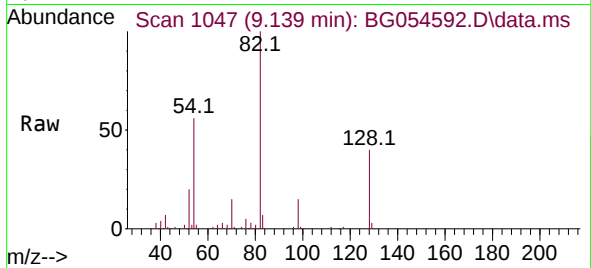




#19
n-Nitroso-di-n-propylamine
Concen: 19.120 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.356 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

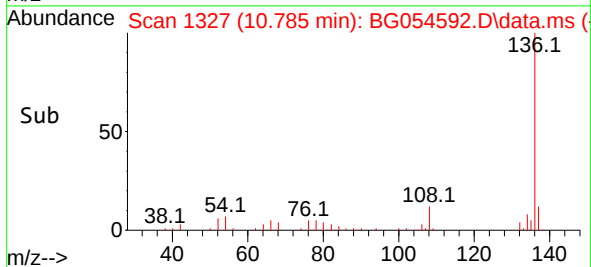
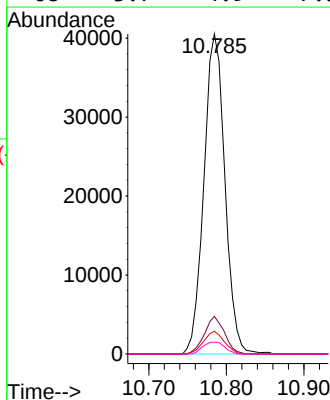
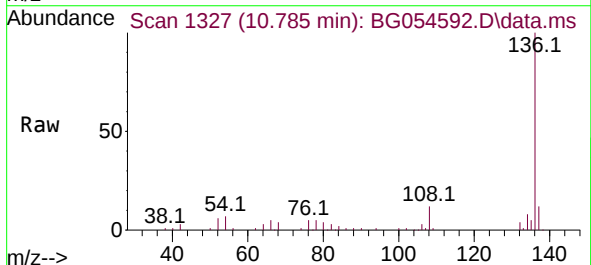
Instrument :
BNA_G
ClientSampleId :
SPN-8

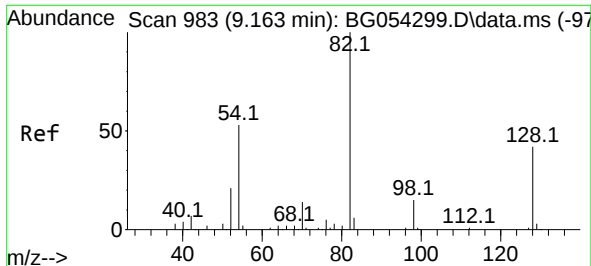
Tgt Ion:	70	Resp:	17066
Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.3	70.9#
101	0.0	7.0	10.4#
130	3.2	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:	136	Resp:	76320
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	7.1	7.4	11.2#
68	3.7	4.9	7.3#

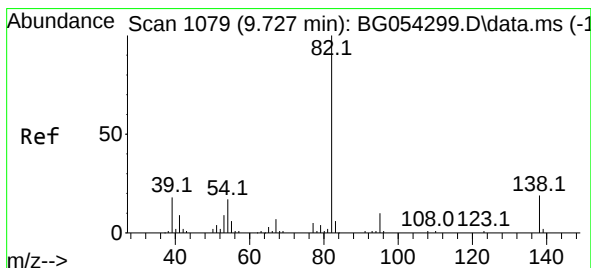
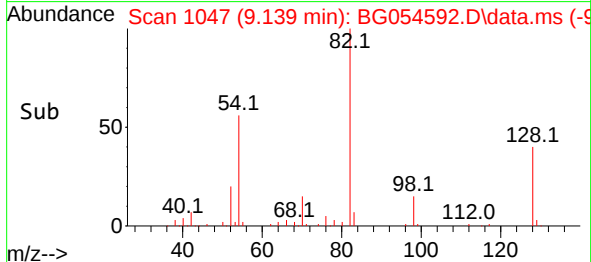
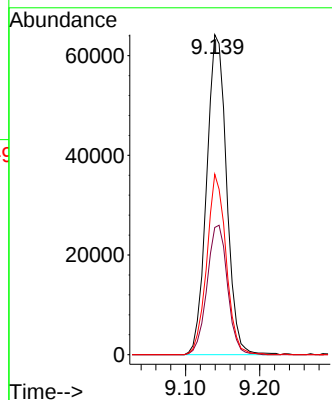
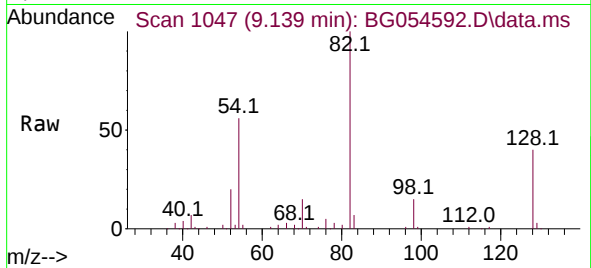




#23
Nitrobenzene-d5
Concen: 85.575 ng
RT: 9.139 min Scan# 110
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

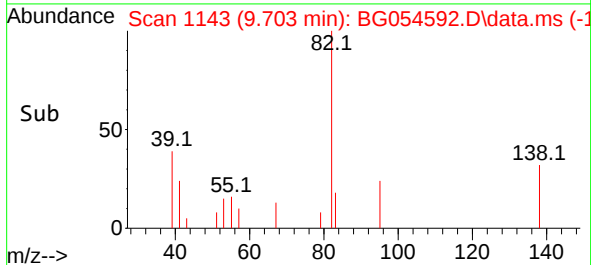
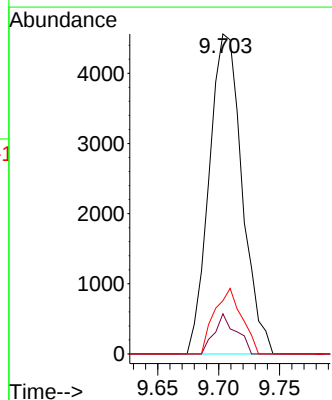
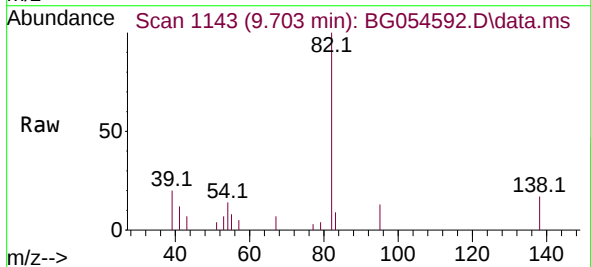
Instrument :
BNA_G
ClientSampleId :
SPN-8

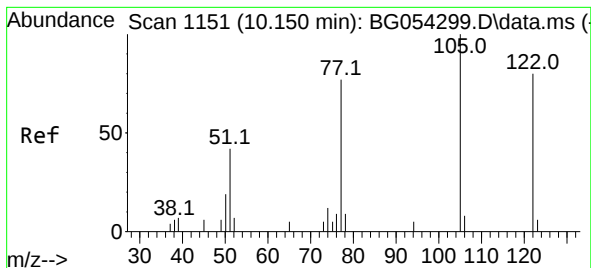
Tgt Ion: 82 Resp: 119931
Ion Ratio Lower Upper
82 100
128 39.8 27.9 41.9
54 56.4 41.2 61.8



#25
Isophorone
Concen: 3.516 ng
RT: 9.703 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 82 Resp: 8569
Ion Ratio Lower Upper
82 100
95 12.6 6.2 9.4#
138 16.7 11.6 17.4





#32

Benzoic acid

Concen: 7.953 ng

RT: 10.303 min Scan# 1151

Delta R.T. 0.156 min

Lab File: BG054592.D

Acq: 10 Aug 2022 17:29

Instrument :

BNA_G

ClientSampleId :

SPN-8

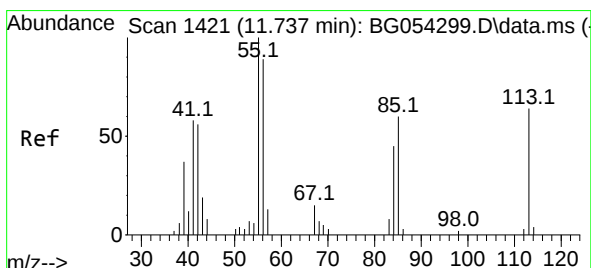
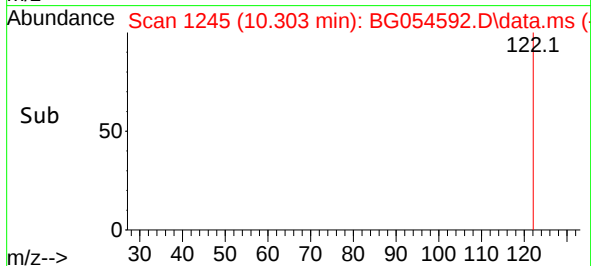
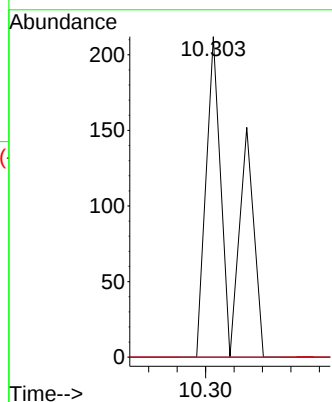
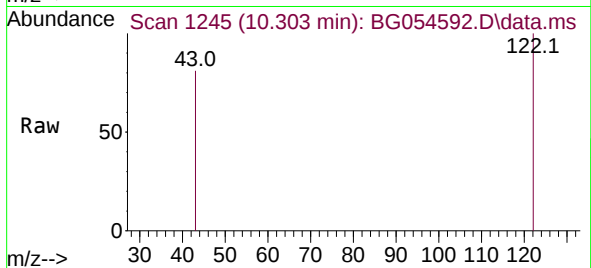
Tgt Ion:122 Resp: 128

Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 0.0 109.4 149.4#



#35

Caprolactam

Concen: 9.010 ng

RT: 11.719 min Scan# 1486

Delta R.T. -0.008 min

Lab File: BG054592.D

Acq: 10 Aug 2022 17:29

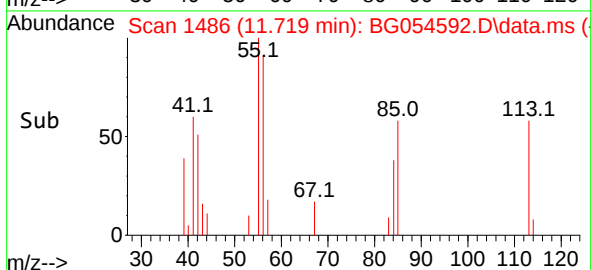
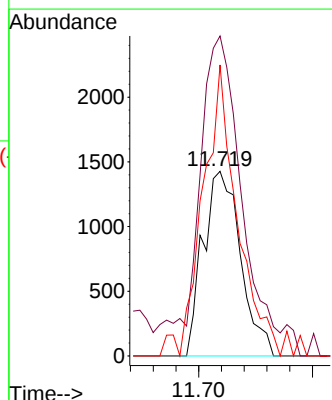
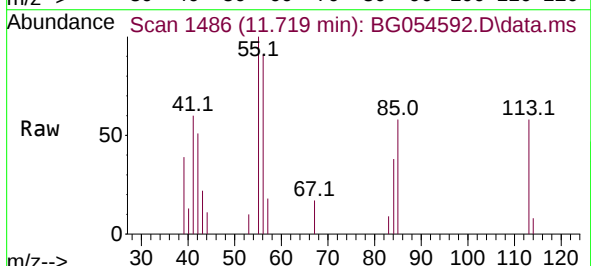
Tgt Ion:113 Resp: 3266

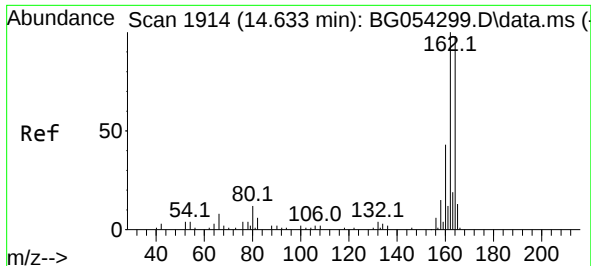
Ion Ratio Lower Upper

113 100

55 173.3 169.8 209.8

56 157.6 141.2 181.2

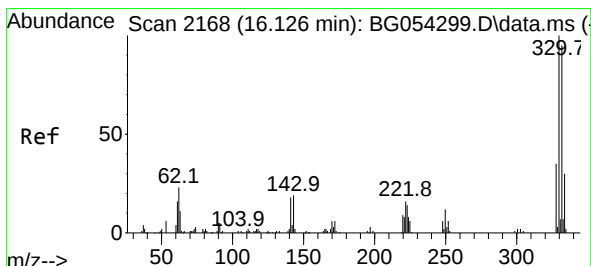
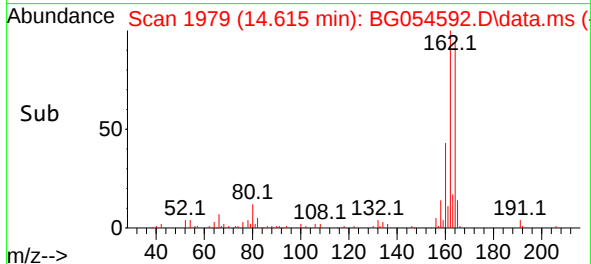
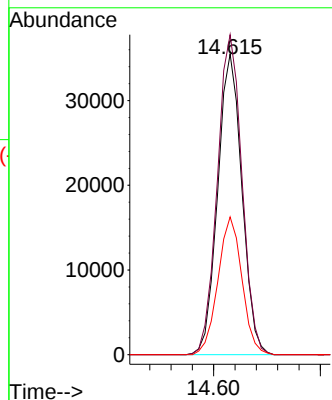
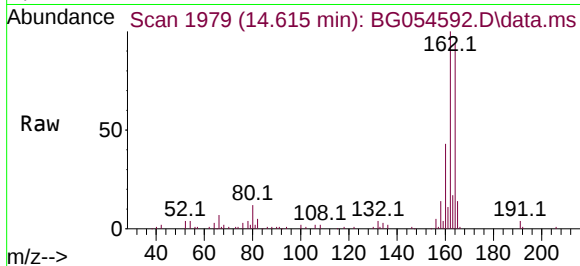




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

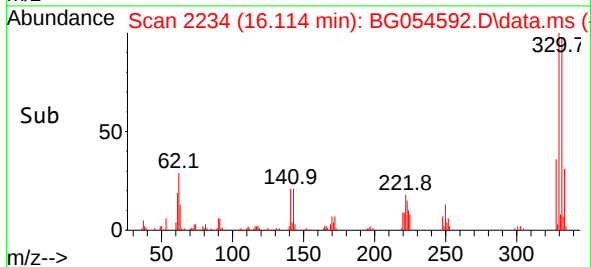
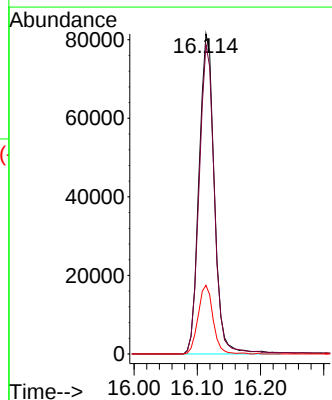
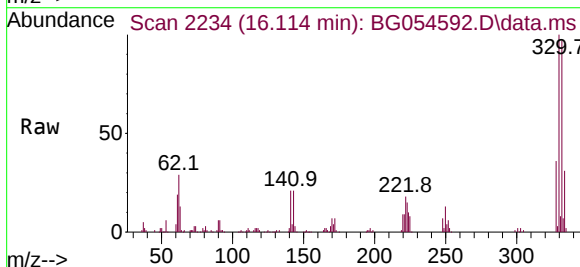
Instrument :
BNA_G
ClientSampleId :
SPN-8

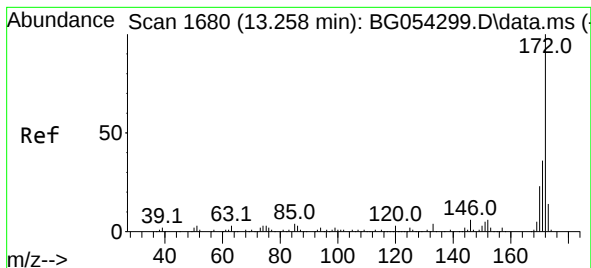
Tgt Ion:164 Resp: 55883
Ion Ratio Lower Upper
164 100
162 106.4 82.3 123.5
160 45.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 116.902 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:330 Resp: 137165
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 20.8 27.1 40.7#

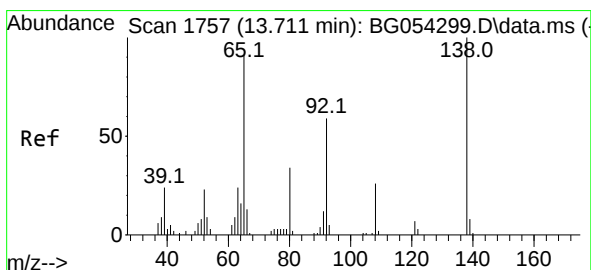
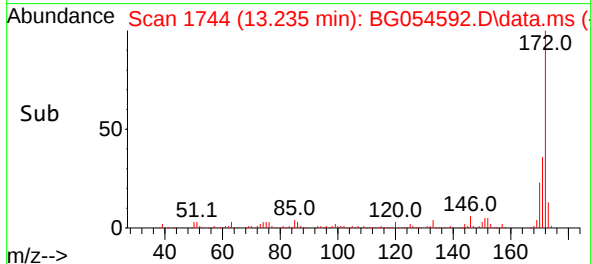
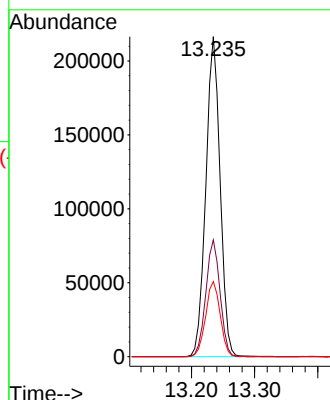
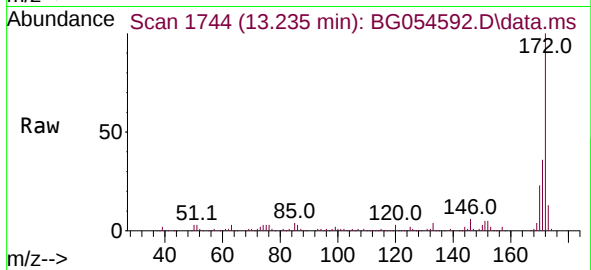




#45
2-Fluorobiphenyl
Concen: 85.504 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

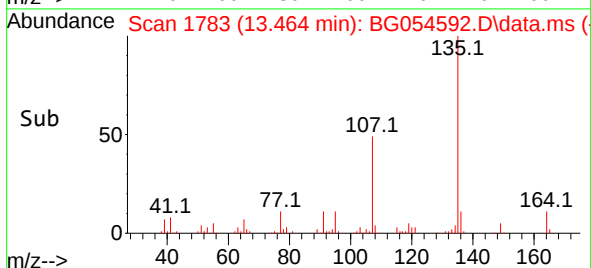
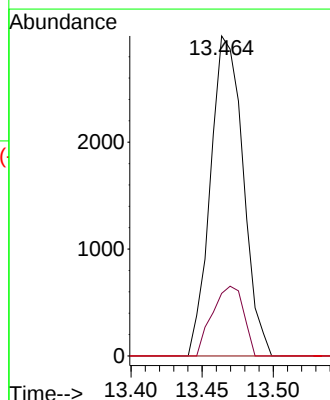
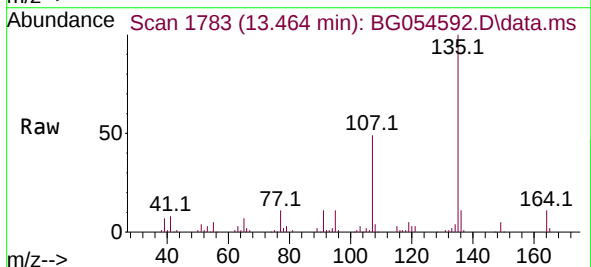
Instrument :
BNA_G
ClientSampleId :
SPN-8

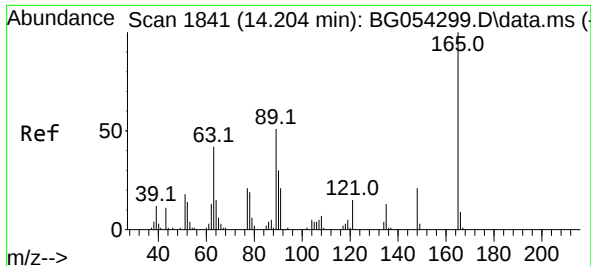
Tgt Ion:172 Resp: 338715
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.5 18.9 28.3



#48
2-Nitroaniline
Concen: 5.720 ng
RT: 13.464 min Scan# 1783
Delta R.T. -0.237 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 65 Resp: 4776
Ion Ratio Lower Upper
65 100
92 19.5 51.5 77.3#
138 0.0 71.3 106.9#

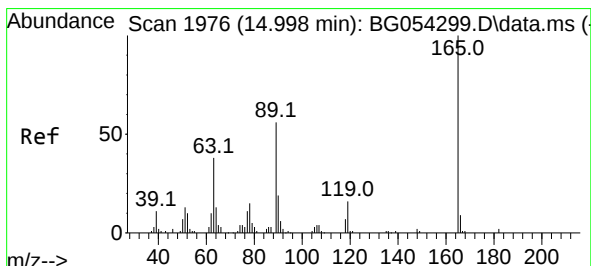
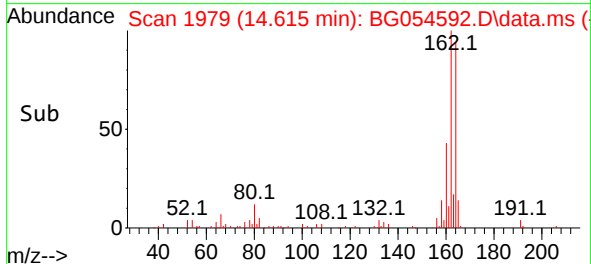
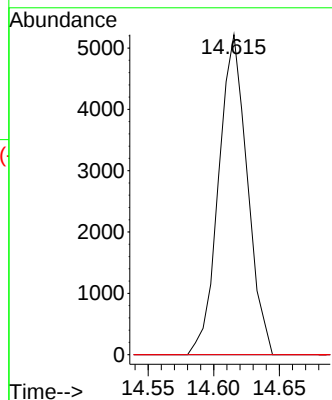
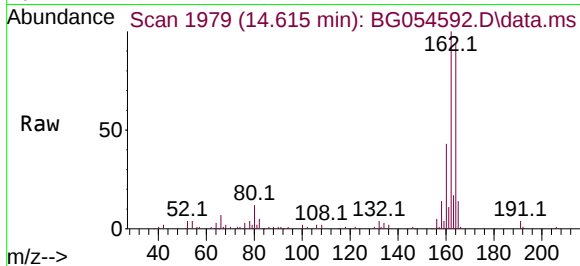




#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 14.615 min Scan# 1979
Delta R.T. 0.421 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

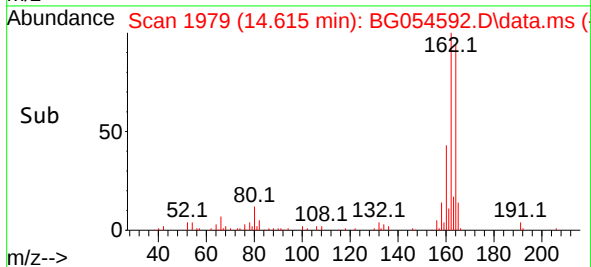
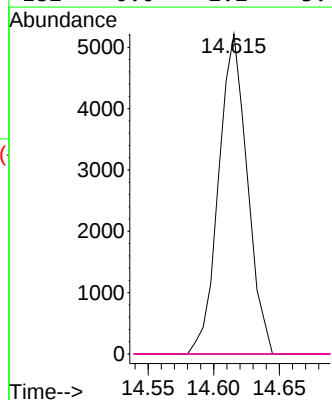
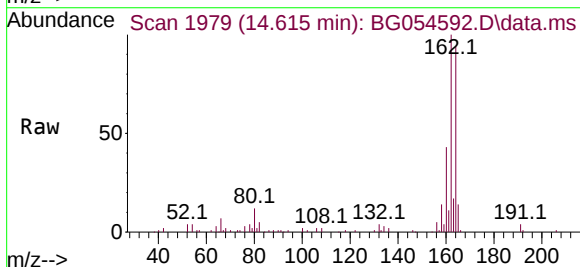
Instrument :
BNA_G
ClientSampleId :
SPN-8

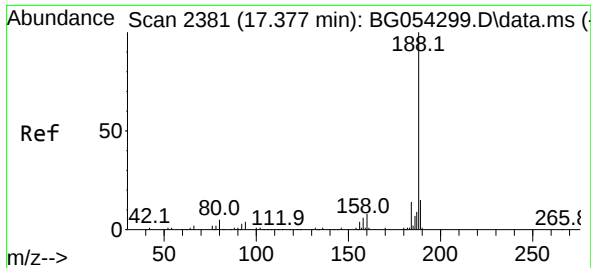
Tgt Ion:165 Resp: 7900
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.756 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.378 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:165 Resp: 7900
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#

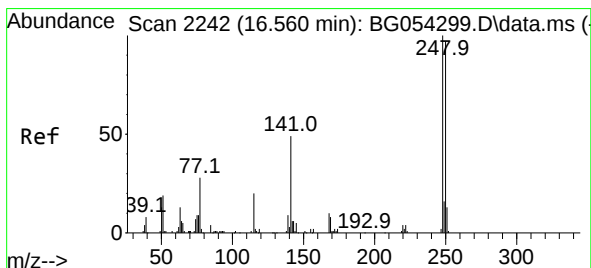
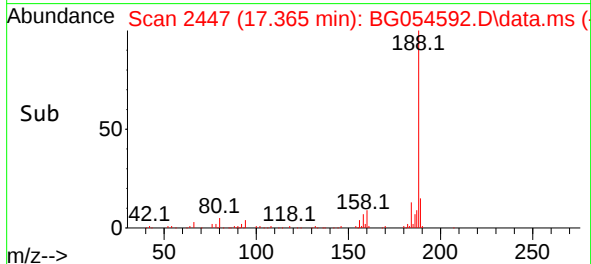
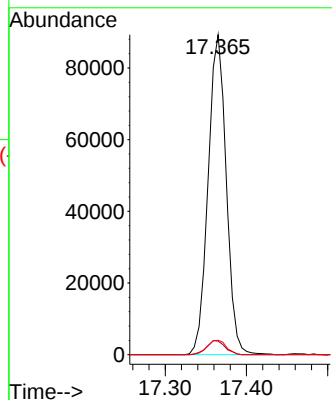
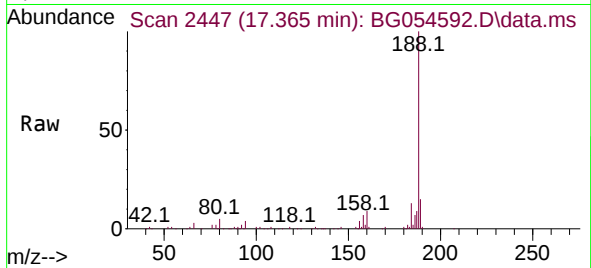




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

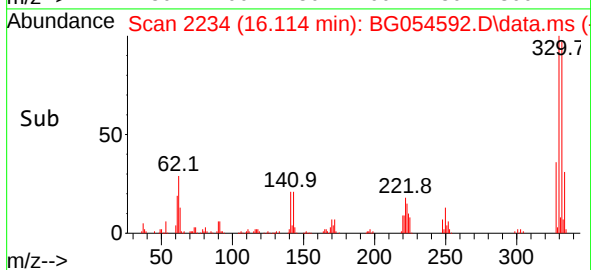
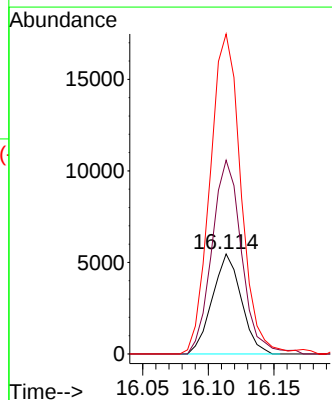
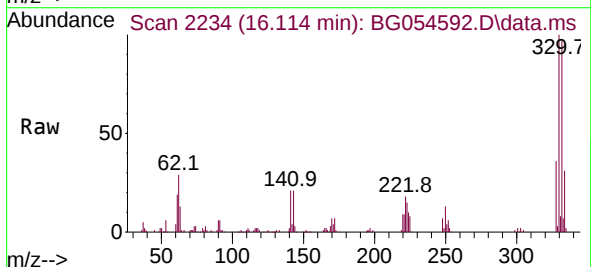
Instrument :
BNA_G
ClientSampleId :
SPN-8

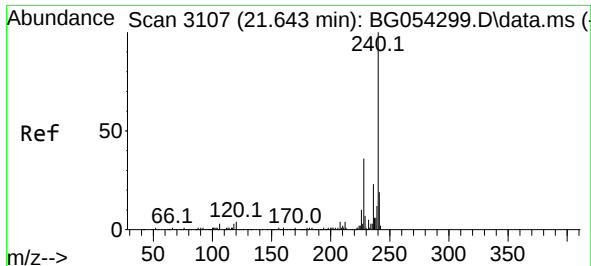
Tgt Ion:188 Resp: 138197
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.5 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.322 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.431 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:248 Resp: 8389
Ion Ratio Lower Upper
248 100
250 193.8 75.2 112.8#
141 320.0 50.0 75.0#

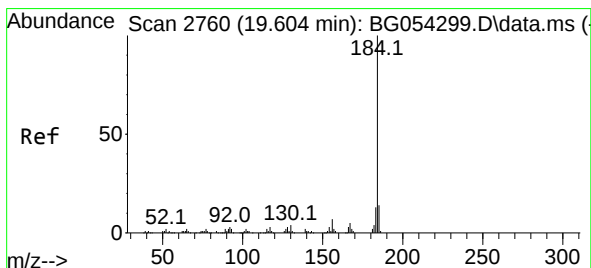
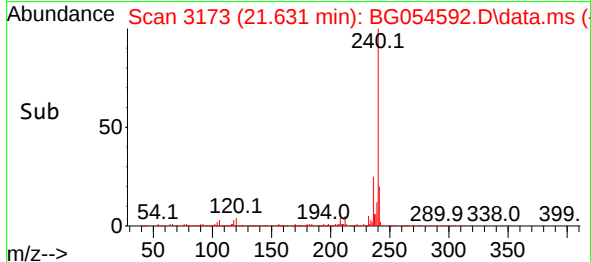
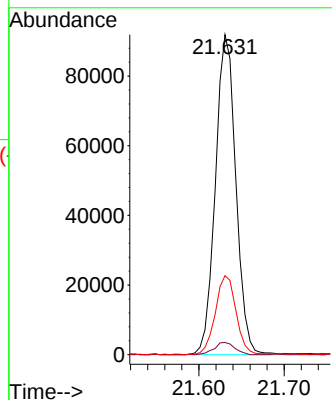
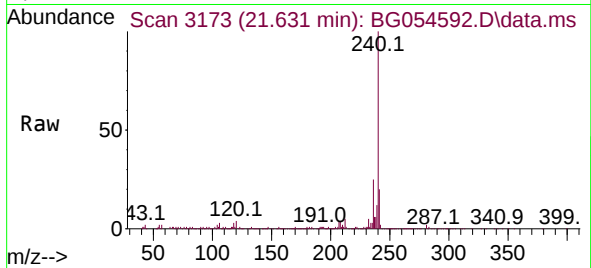




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

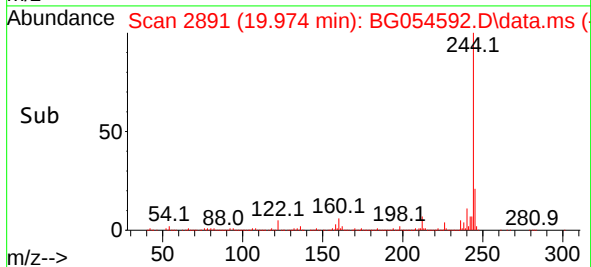
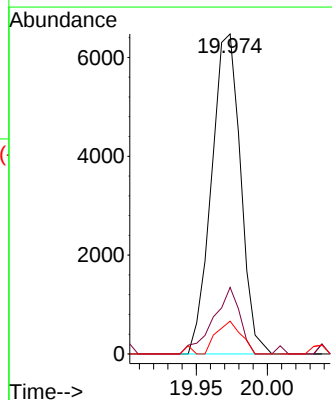
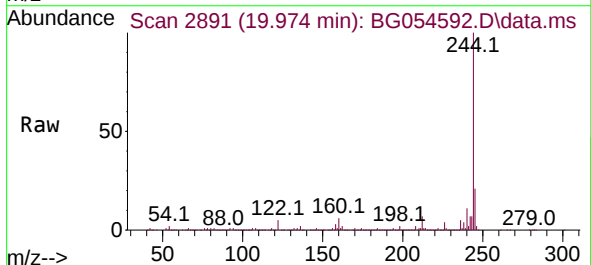
Instrument :
BNA_G
ClientSampleId :
SPN-8

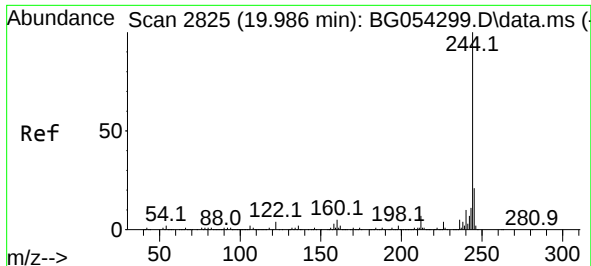
Tgt Ion:240 Resp: 153386
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 24.7 20.2 30.4



#77
Benzidine
Concen: 3.309 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.380 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:184 Resp: 9192
Ion Ratio Lower Upper
184 100
185 20.8 11.8 17.6#
183 10.2 8.9 13.3

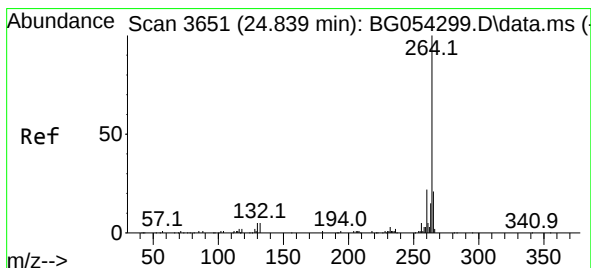
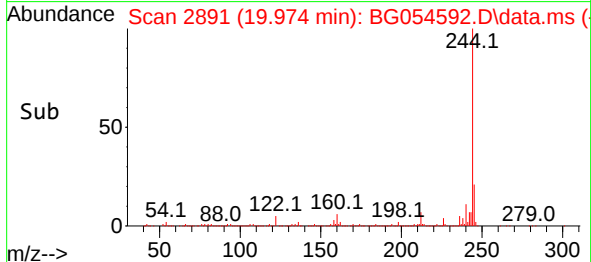
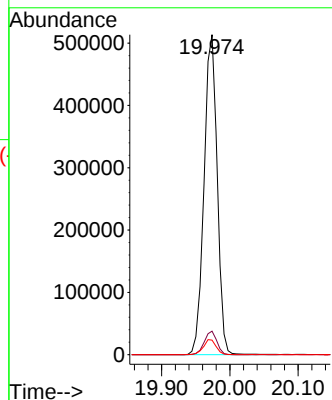
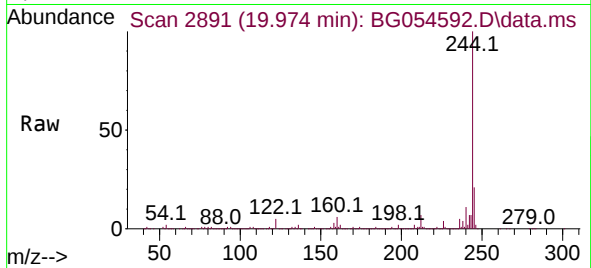




#79
 Terphenyl-d14
 Concen: 89.063 ng
 RT: 19.974 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG054592.D
 Acq: 10 Aug 2022 17:29

Instrument :
 BNA_G
 ClientSampleId :
 SPN-8

Tgt Ion:244 Resp: 688625
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.845 min Scan# 3720
 Delta R.T. 0.010 min
 Lab File: BG054592.D
 Acq: 10 Aug 2022 17:29

Tgt Ion:264 Resp: 166040
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.0 17.4 26.2

