

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053822.D
 Acq On : 3 Jun 2022 20:56
 Operator : CG/JU
 Sample : N3170-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220424-SPLP-AMENDED-COMPOSITE-D

Quant Time: Jun 04 03:07:00 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)

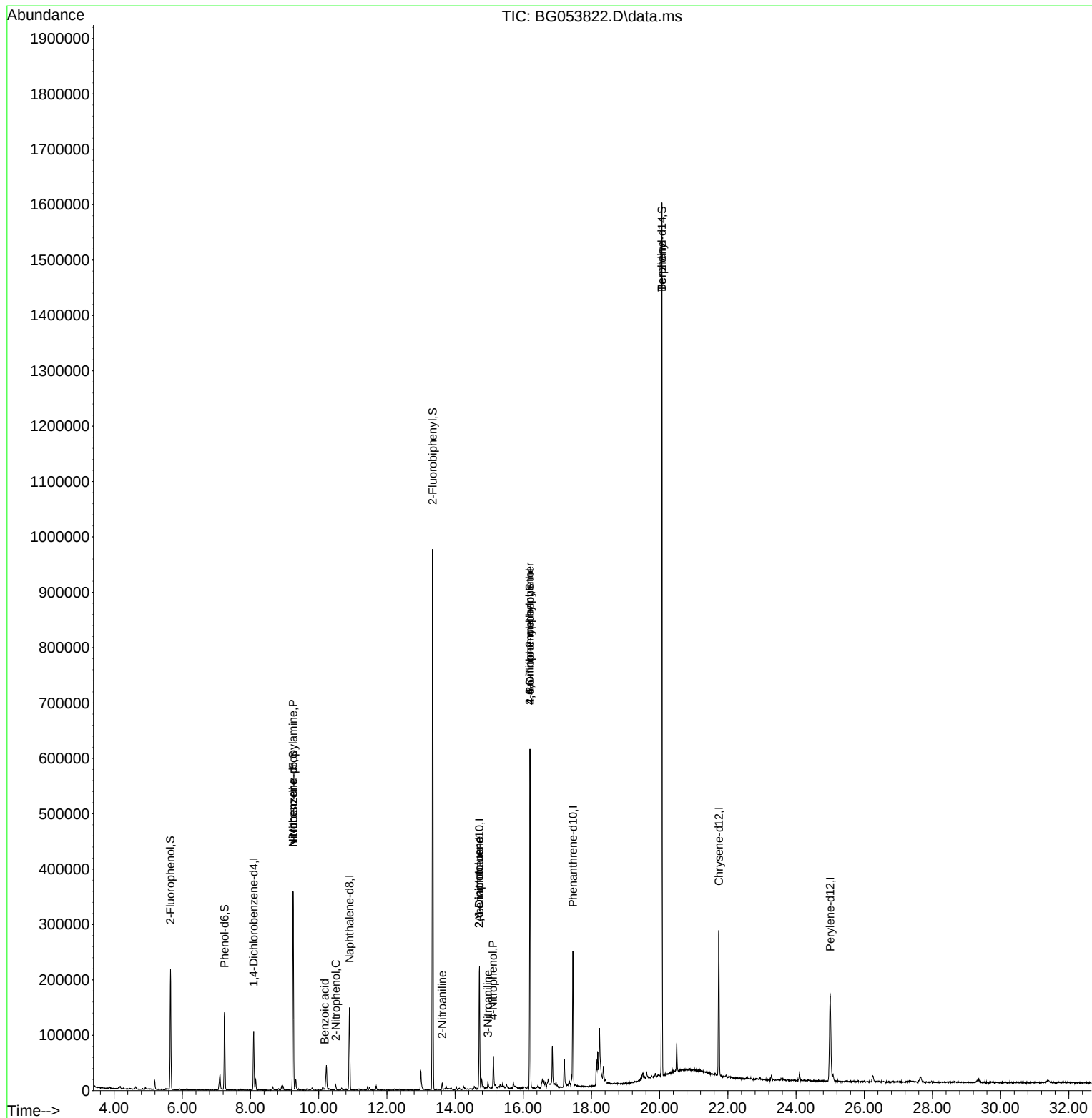
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	31626	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	132372	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	86273	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	169305	20.000	ng	0.00
76) Chrysene-d12	21.736	240	181260	20.000	ng	0.00
86) Perylene-d12	25.003	264	182128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	101205	58.764	ng	0.00
7) Phenol-d6	7.242	99	80248	34.398	ng	0.00
23) Nitrobenzene-d5	9.251	82	225313	111.775	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	130843	124.942	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	554707	96.188	ng	0.00
79) Terphenyl-d14	20.068	244	839391	92.127	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	30812	18.648	ng	# 83
24) Nitrobenzene	9.251	77	724	3.275	ng	# 48
26) 2-Nitrophenol	10.503	139	1214	4.390	ng	# 21
32) Benzoic acid	10.174	122	124	6.385	ng	# 74
48) 2-Nitroaniline	13.622	65	562	5.454	ng	# 30
51) 2,6-Dinitrotoluene	14.709	165	11587	13.401	ng	# 16
53) 3-Nitroaniline	14.962	138	60	3.830	ng	# 94
56) 4-Nitrophenol	15.115	139	128	4.738	ng	# 43
57) 2,4-Dinitrotoluene	14.709	165	11587	11.212	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	201	5.877	ng	77
67) 4-Bromophenyl-phenylether	16.196	248	8448	4.592	ng	# 1
77) Benzidine	20.068	184	12322	2.780	ng	# 94

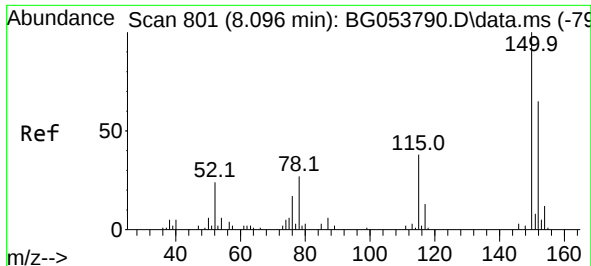
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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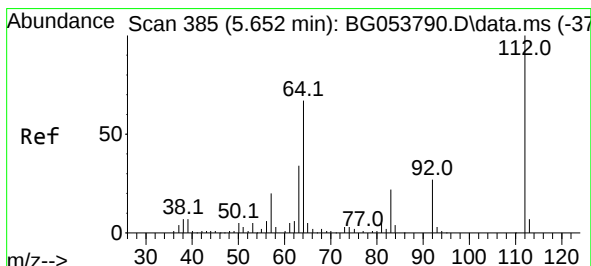
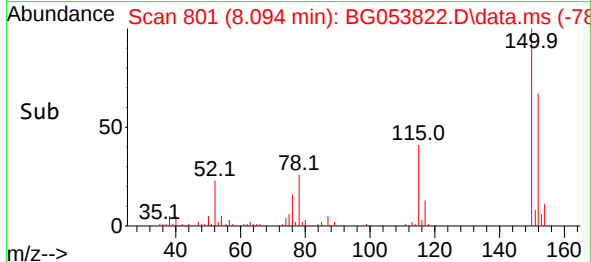
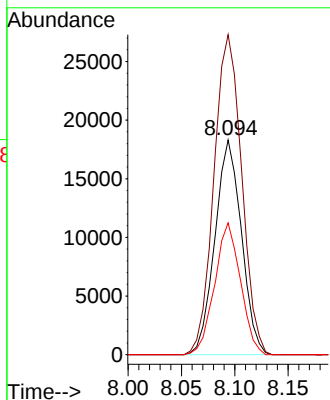
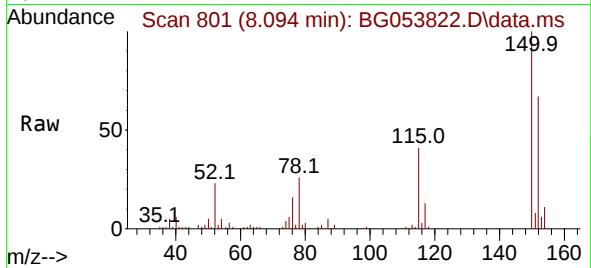




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

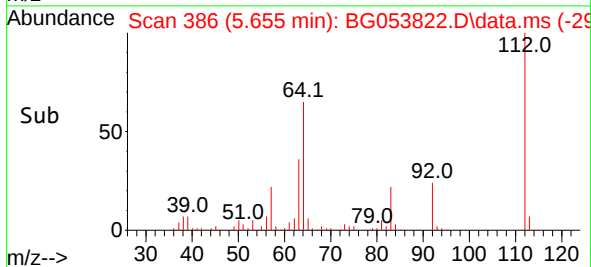
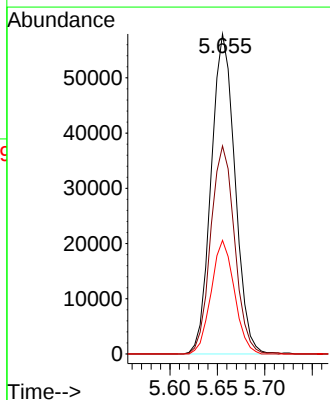
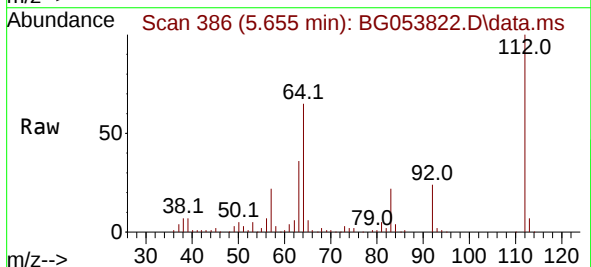
Instrument :
BNA_G
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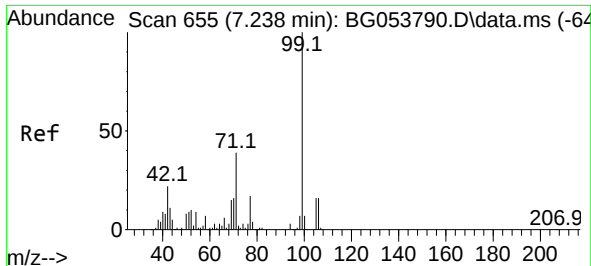
Tgt Ion:152 Resp: 31626
Ion Ratio Lower Upper
152 100
150 149.0 131.6 197.4
115 61.4 50.9 76.3



#5
2-Fluorophenol
Concen: 58.764 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:112 Resp: 101205
Ion Ratio Lower Upper
112 100
64 65.0 55.1 82.7
63 35.5 30.4 45.6

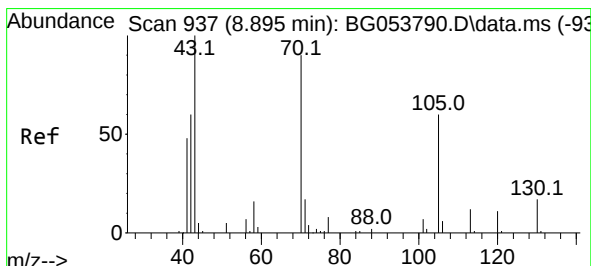
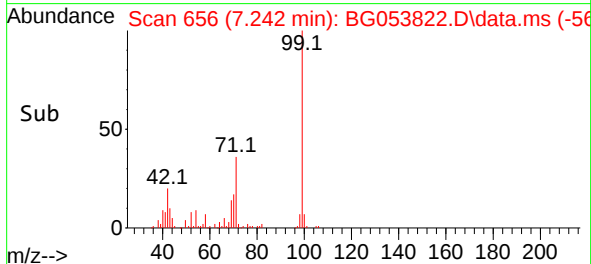
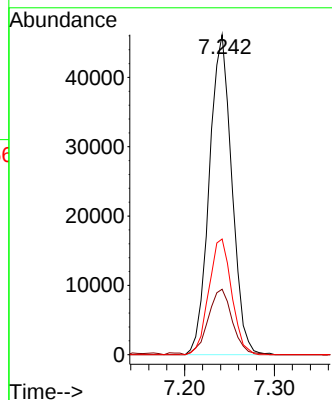
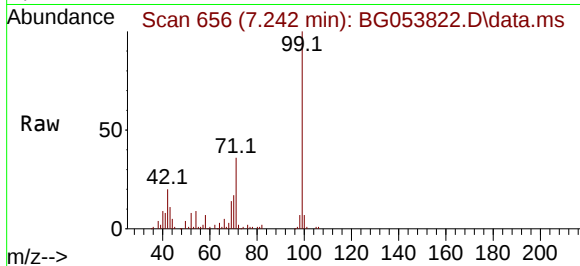




#7
Phenol-d6
Concen: 34.398 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

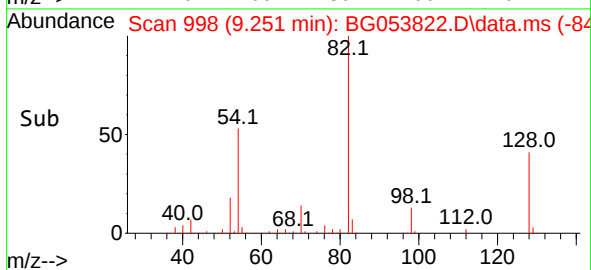
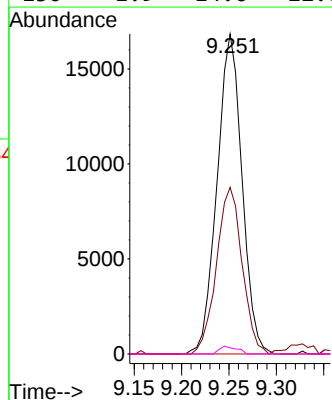
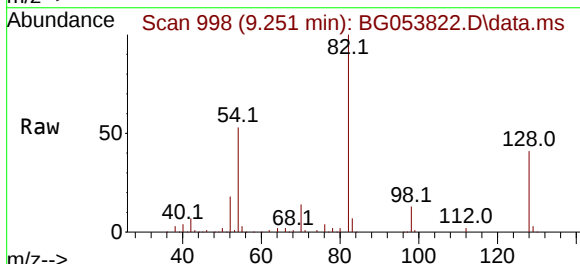
Instrument :
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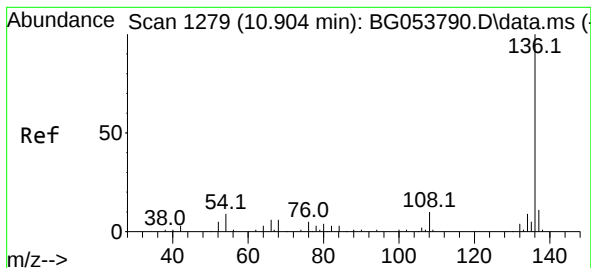
Tgt Ion: 99 Resp: 80248
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 36.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.648 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion: 70 Resp: 30812
Ion Ratio Lower Upper
70 100
42 52.1 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

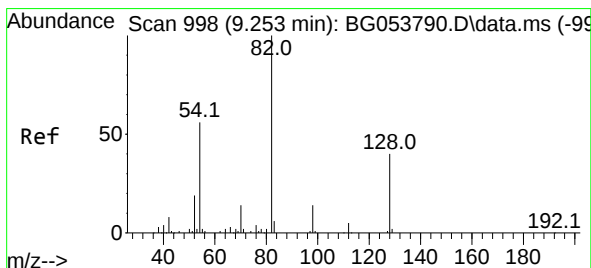
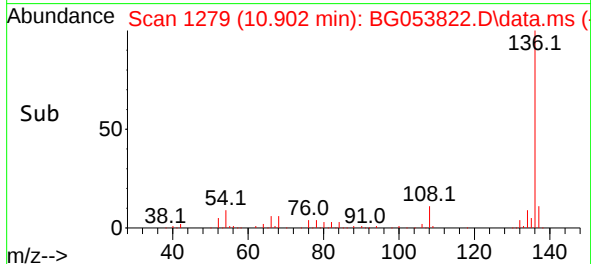
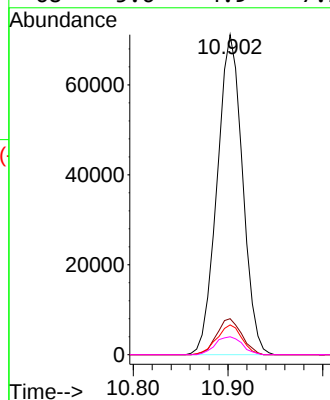
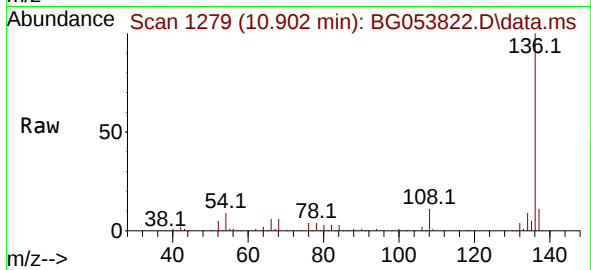




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

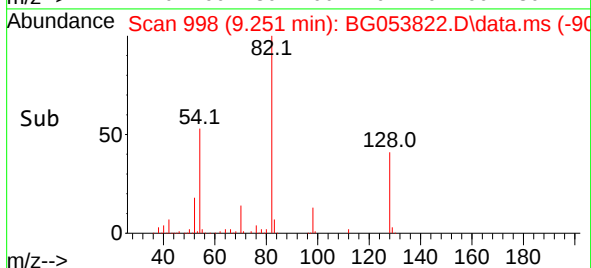
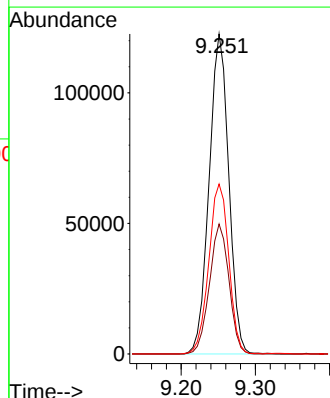
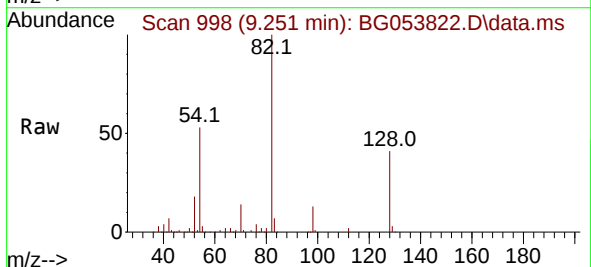
Instrument :
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ClientSampleId :
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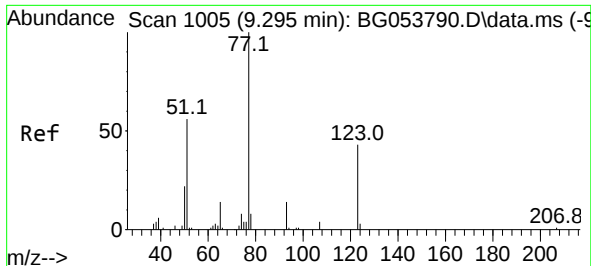
Tgt Ion:	136	Resp:	132372
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.3	7.4	11.2
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 111.775 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:	82	Resp:	225313
Ion	Ratio	Lower	Upper
82	100		
128	40.6	27.9	41.9
54	53.1	41.2	61.8

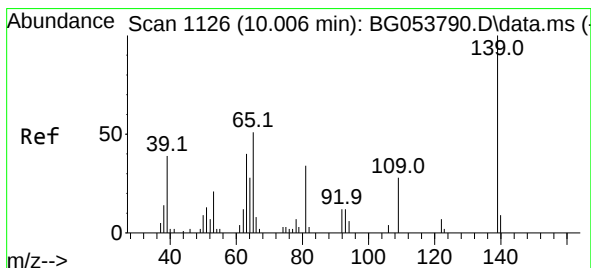
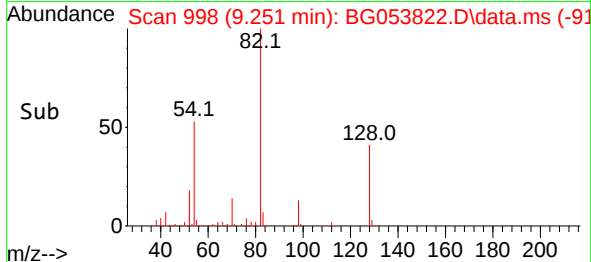
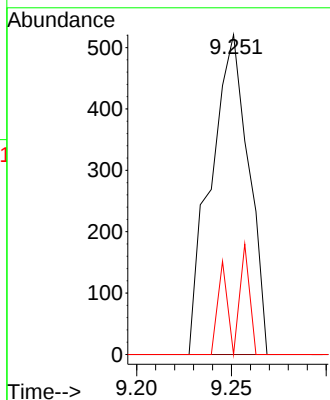
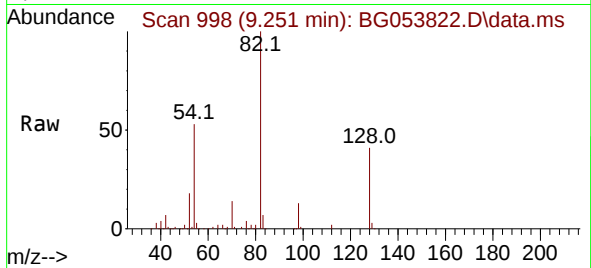




#24
Nitrobenzene
Concen: 3.275 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.044 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

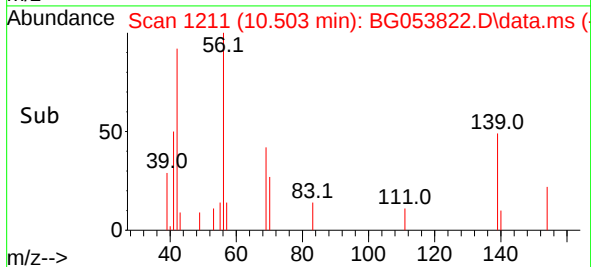
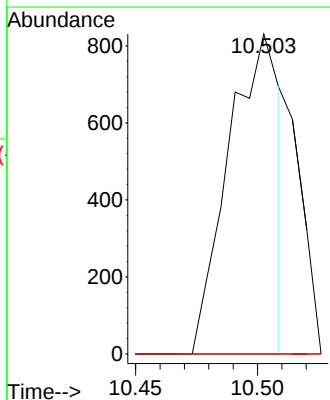
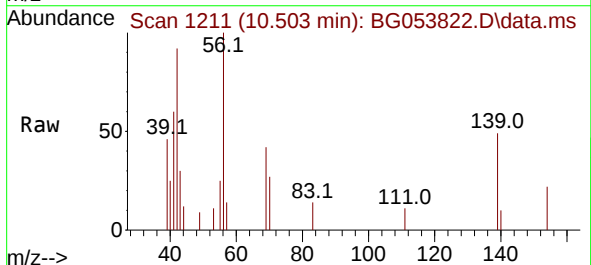
Instrument :
BNA_G
ClientSampleId :
20220424-SPLP-AMENDED-COMPOSITE-D

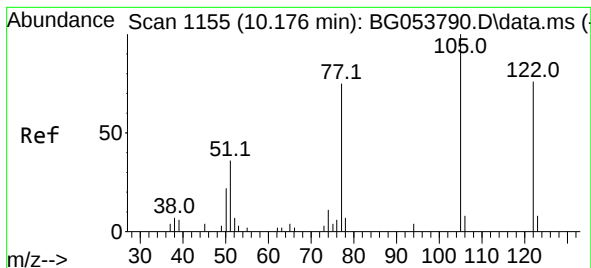
Tgt Ion: 77 Resp: 724
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#26
2-Nitrophenol
Concen: 4.390 ng
RT: 10.503 min Scan# 1211
Delta R.T. 0.497 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion: 139 Resp: 1214
Ion Ratio Lower Upper
139 100
109 0.0 36.1 54.1#
65 0.0 55.8 83.6#





#32

Benzoic acid

Concen: 6.385 ng

RT: 10.174 min Scan# 1155

Delta R.T. -0.002 min

Lab File: BG053822.D

Acq: 3 Jun 2022 20:56

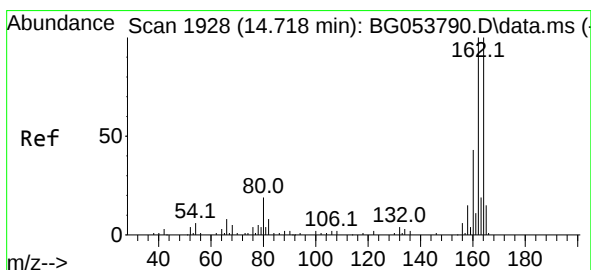
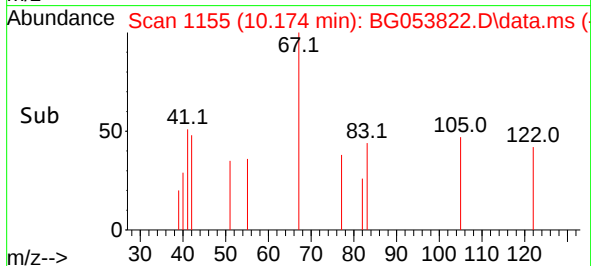
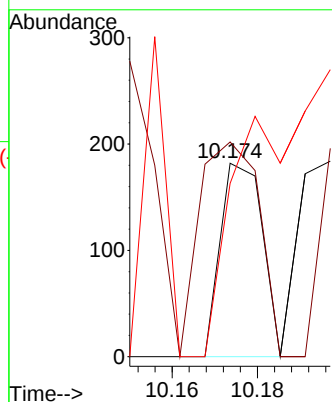
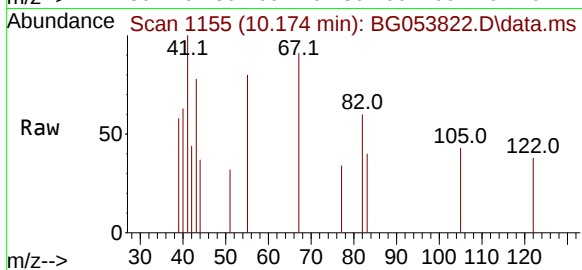
Instrument :

BNA_G

ClientSampleId :

20220424-SPLP-AMENDED-COMPOSITE-D

Tgt Ion:	122	Resp:	124
Ion	Ratio	Lower	Upper
122	100		
105	111.0	111.8	151.8#
77	89.6	109.4	149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

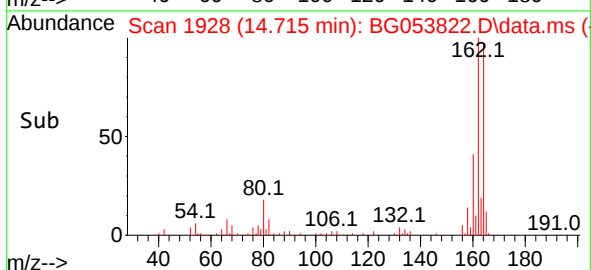
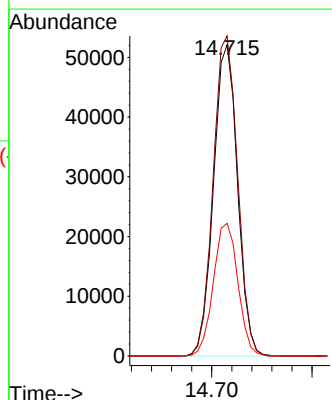
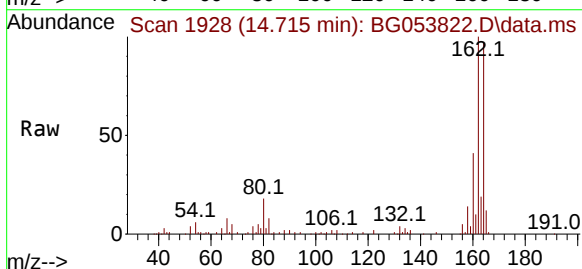
RT: 14.715 min Scan# 1928

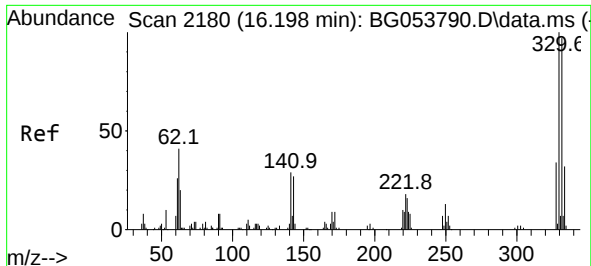
Delta R.T. -0.003 min

Lab File: BG053822.D

Acq: 3 Jun 2022 20:56

Tgt Ion:	164	Resp:	86273
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	42.6	34.2	51.2

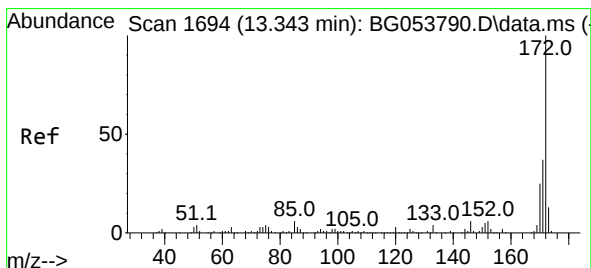
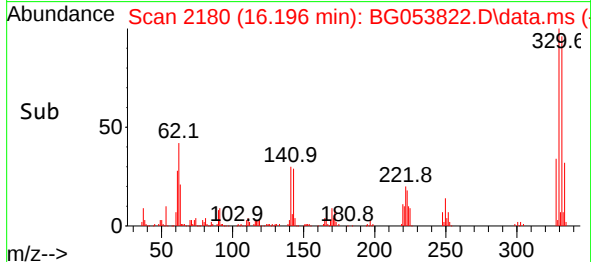
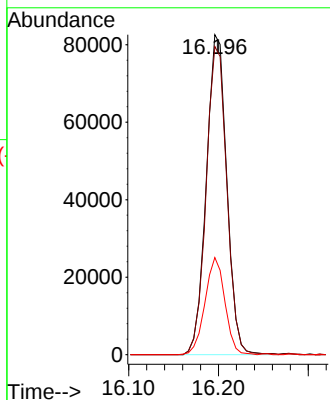
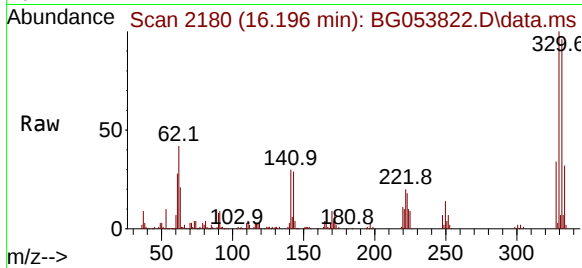




#42
2,4,6-Tribromophenol
Concen: 124.942 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

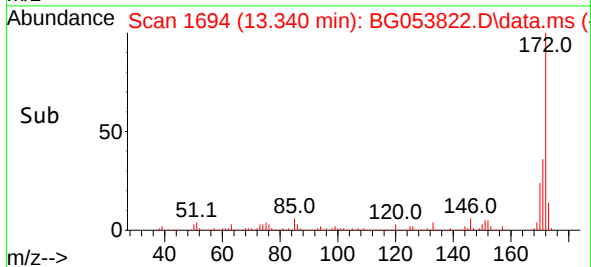
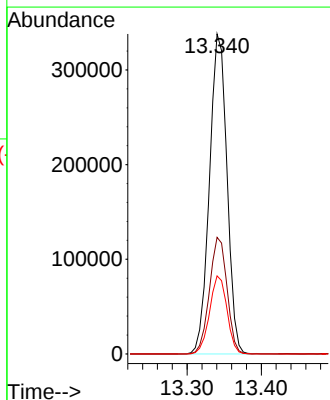
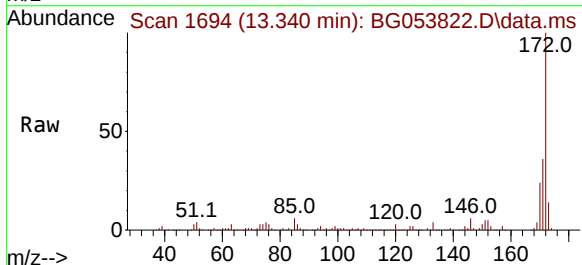
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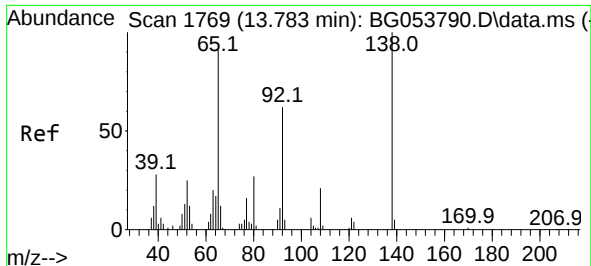
Tgt Ion:330 Resp: 130843
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 29.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 96.188 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:172 Resp: 554707
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.4 18.9 28.3

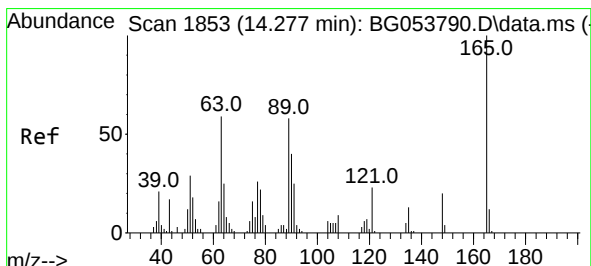
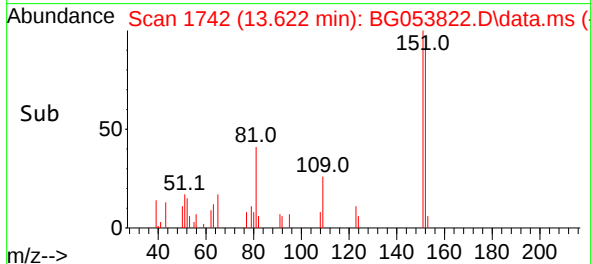
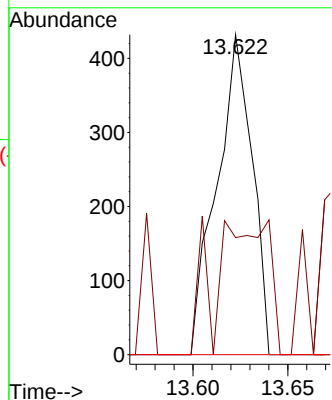
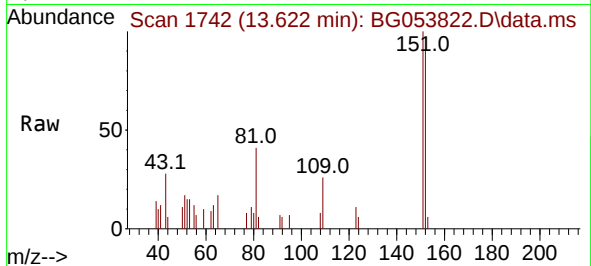




#48
2-Nitroaniline
Concen: 5.454 ng
RT: 13.622 min Scan# 11
Delta R.T. -0.161 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

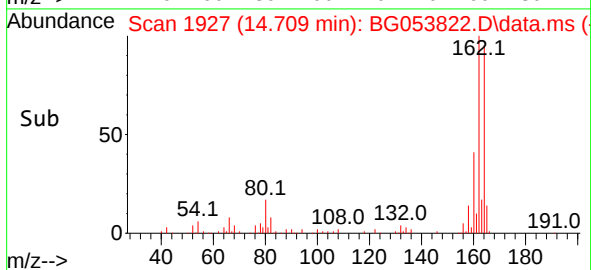
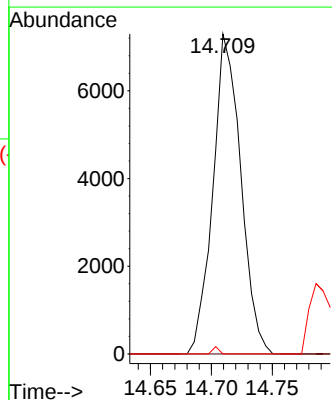
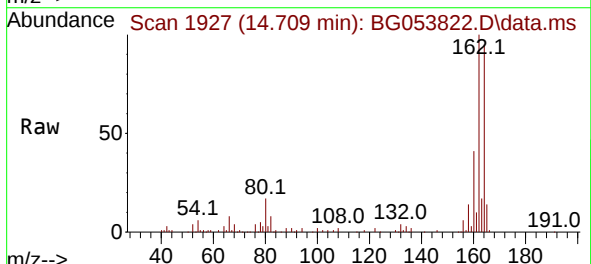
Instrument :
BNA_G
ClientSampleId :
20220424-SPLP-AMENDED-COMPOSITE-D

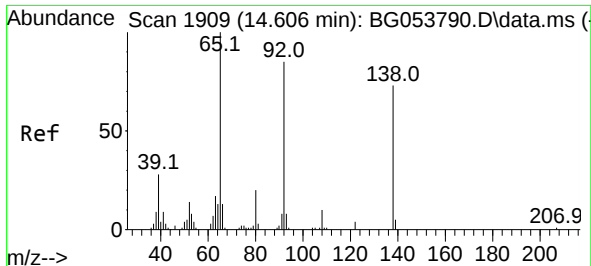
Tgt Ion: 65 Resp: 562
Ion Ratio Lower Upper
65 100
92 36.6 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.401 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.432 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:165 Resp: 11587
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

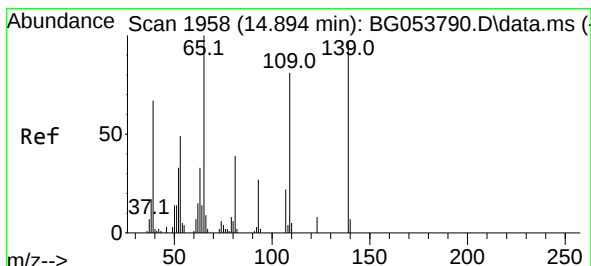
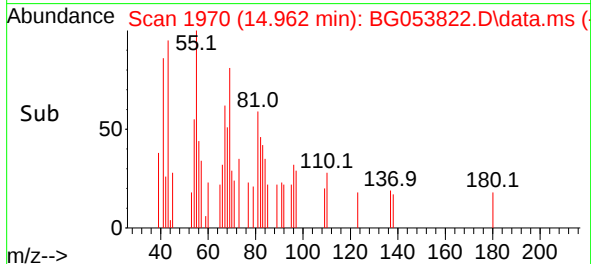
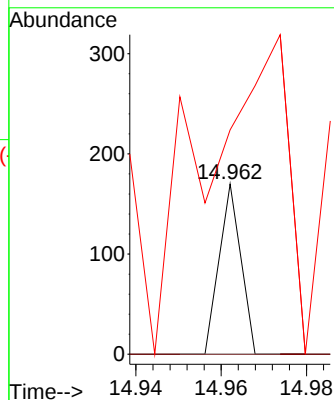
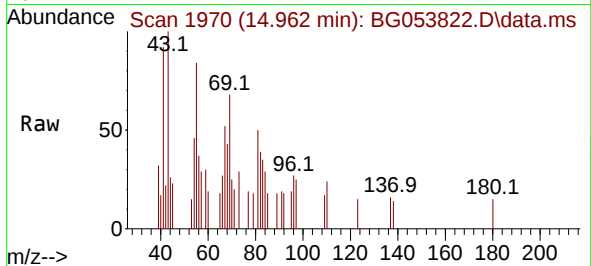




#53
3-Nitroaniline
Concen: 3.830 ng
RT: 14.962 min Scan# 1909
Delta R.T. 0.356 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

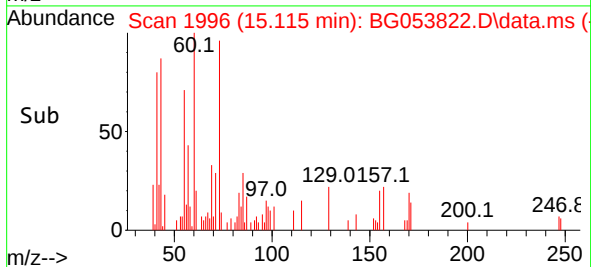
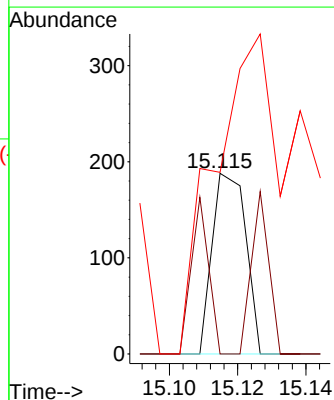
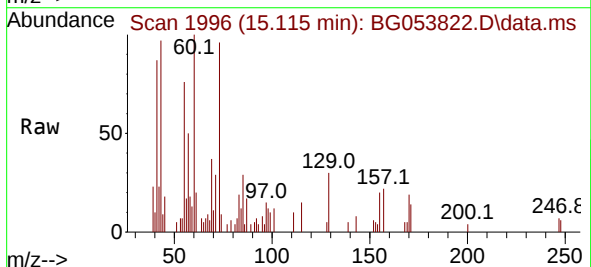
Instrument :
BNA_G
ClientSampleId :
20220424-SPLP-AMENDED-COMPOSITE-D

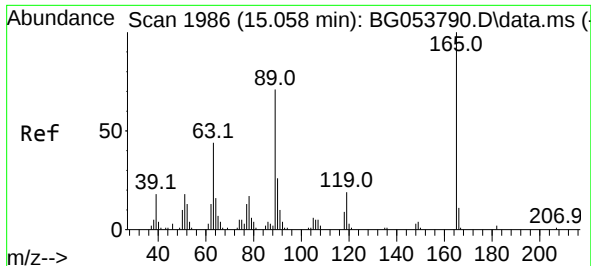
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 0.0 9.2 13.8#
92 131.8 101.9 152.9



#56
4-Nitrophenol
Concen: 4.738 ng
RT: 15.115 min Scan# 1996
Delta R.T. 0.221 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:139 Resp: 128
Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 100.5 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 11.212 ng

RT: 14.709 min Scan# 1986

Delta R.T. -0.349 min

Lab File: BG053822.D

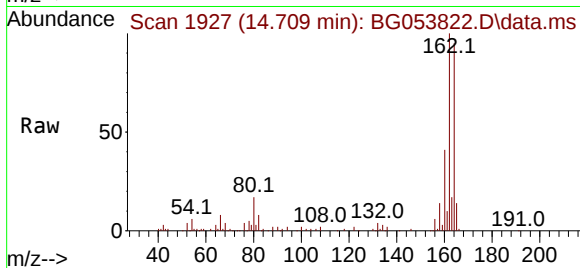
Acq: 3 Jun 2022 20:56

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 11587

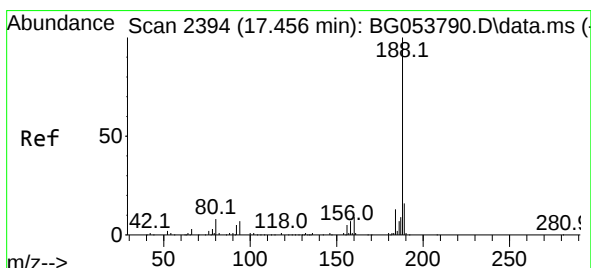
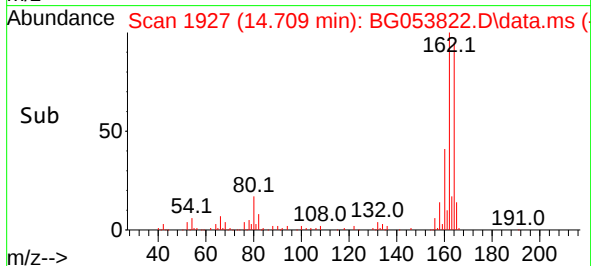
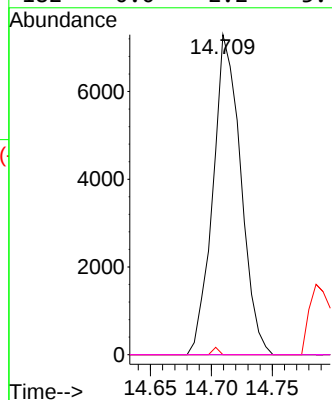
Ion Ratio Lower Upper

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: 17.459 min Scan# 2395

Delta R.T. 0.003 min

Lab File: BG053822.D

Acq: 3 Jun 2022 20:56

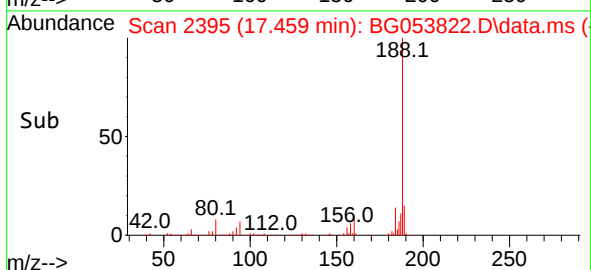
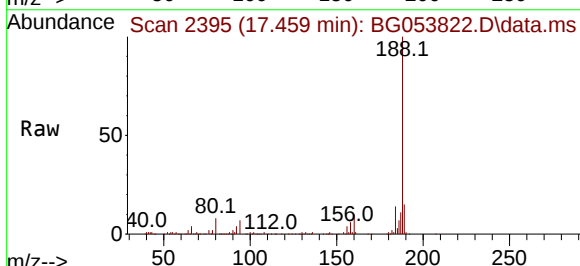
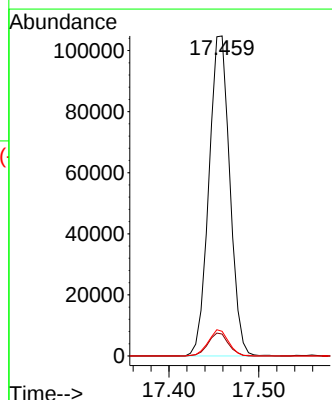
Tgt Ion:188 Resp: 169305

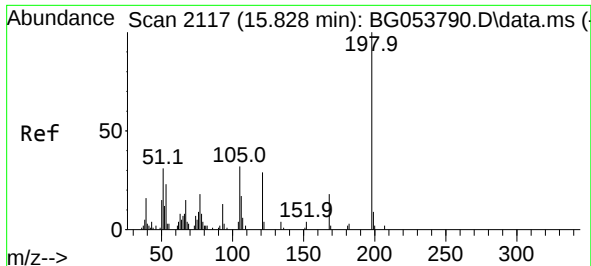
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.7 6.8 10.2

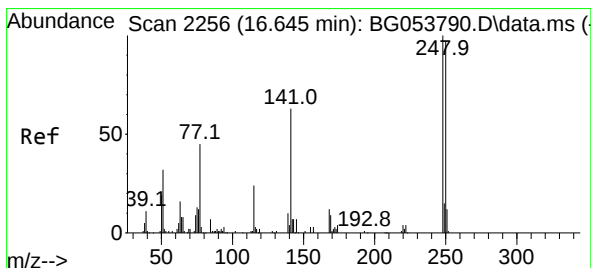
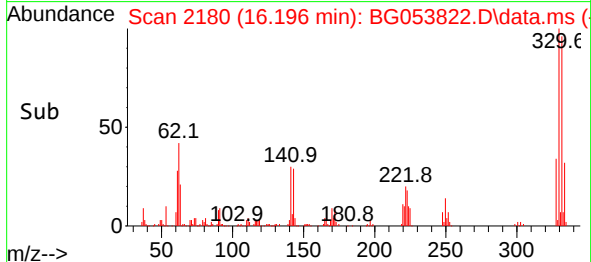
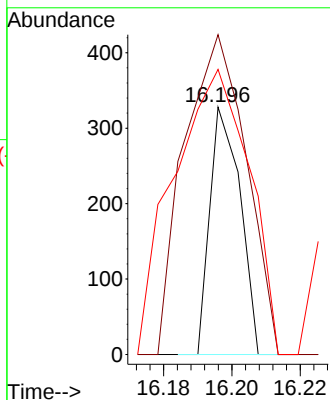
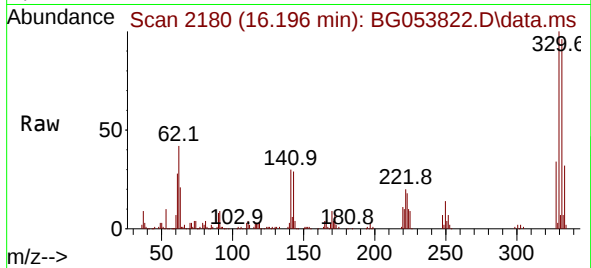




#65
4,6-Dinitro-2-methylphenol
Concen: 5.877 ng
RT: 16.196 min Scan# 2117
Delta R.T. 0.368 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

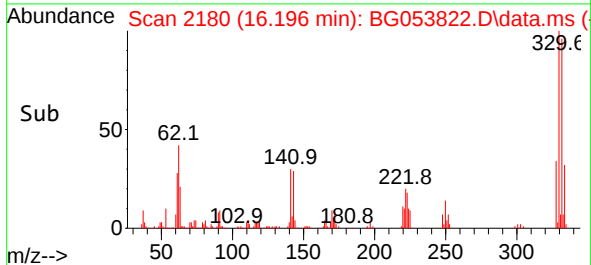
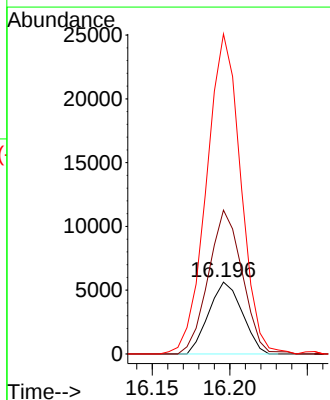
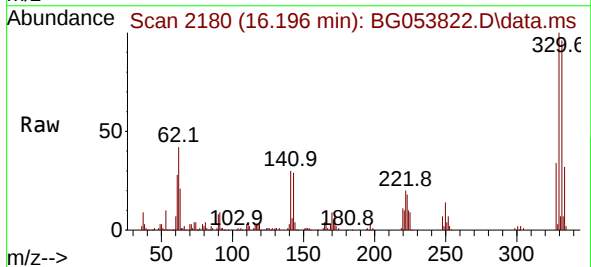
Instrument :
BNA_G
ClientSampleId :
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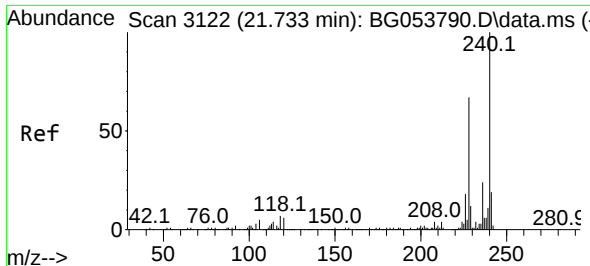
Tgt Ion:198 Resp: 201
Ion Ratio Lower Upper
198 100
51 31.3 28.1 68.1
105 27.9 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.592 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:248 Resp: 8448
Ion Ratio Lower Upper
248 100
250 188.9 75.2 112.8#
141 331.4 50.0 75.0#

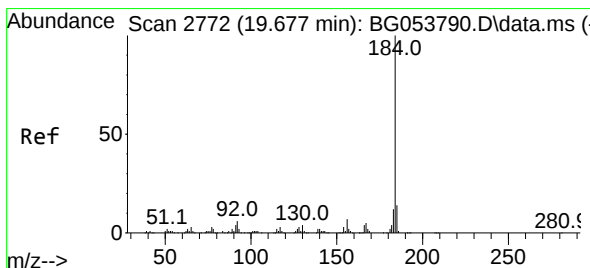
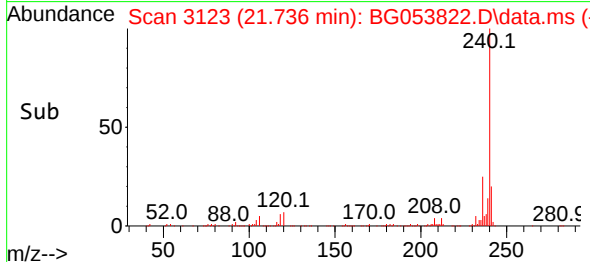
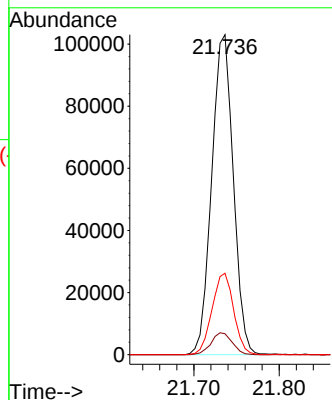
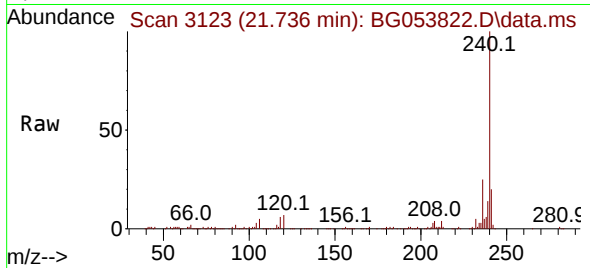




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

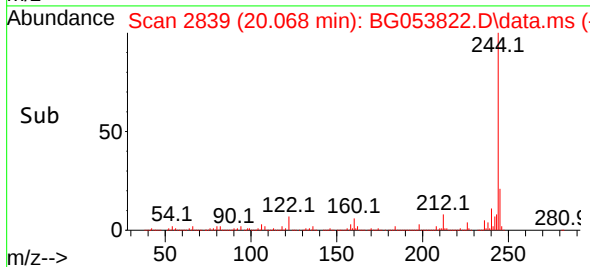
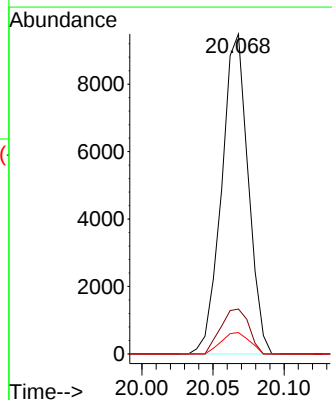
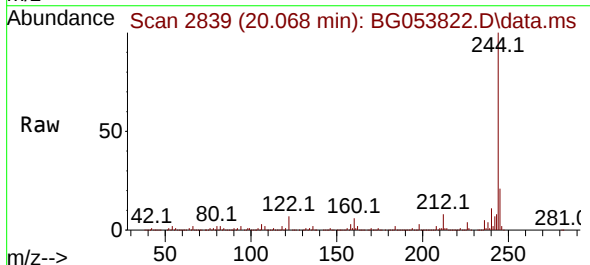
Instrument :
BNA_G
ClientSampleId :
20220424-SPLP-AMENDED-COMPOSITE-D

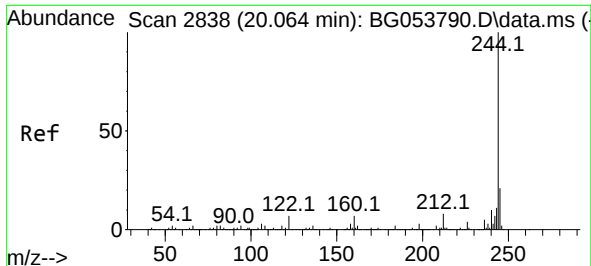
Tgt Ion:240 Resp: 181260
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.5 20.2 30.4



#77
Benzidine
Concen: 2.780 ng
RT: 20.068 min Scan# 2839
Delta R.T. 0.391 min
Lab File: BG053822.D
Acq: 3 Jun 2022 20:56

Tgt Ion:184 Resp: 12322
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 6.7 8.9 13.3#

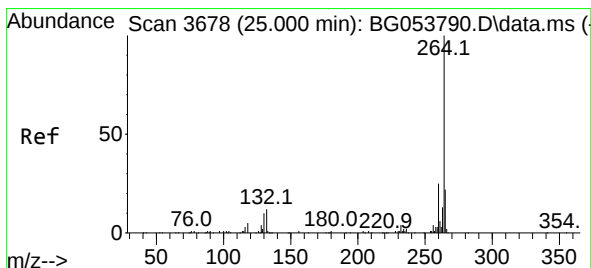
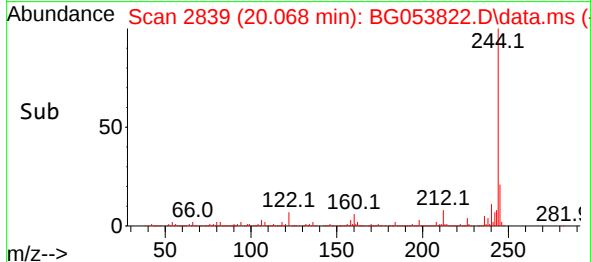
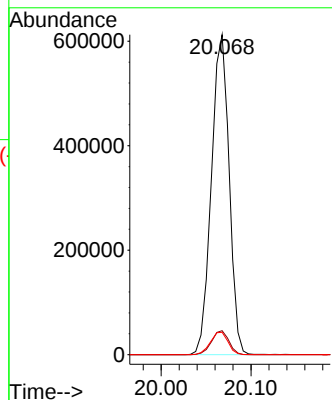
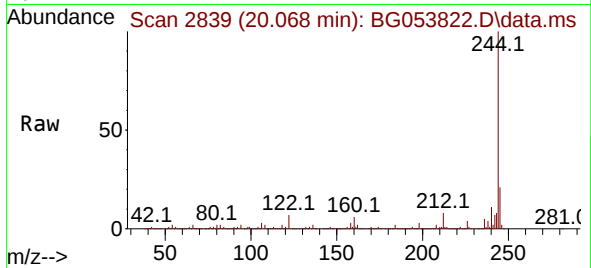




#79
 Terphenyl-d14
 Concen: 92.127 ng
 RT: 20.068 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053822.D
 Acq: 3 Jun 2022 20:56

Instrument :
 BNA_G
 ClientSampleId :
 20220424-SPLP-AMENDED-COMPOSITE-D

Tgt Ion:244 Resp: 839391
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3679
 Delta R.T. 0.004 min
 Lab File: BG053822.D
 Acq: 3 Jun 2022 20:56

Tgt Ion:264 Resp: 182128
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 22.8 17.4 26.2

