

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047959.D
 Acq On : 21 Jan 2021 18:42
 Operator : CG/JU
 Sample : M1169-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Quant Time: Jan 21 23:40:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

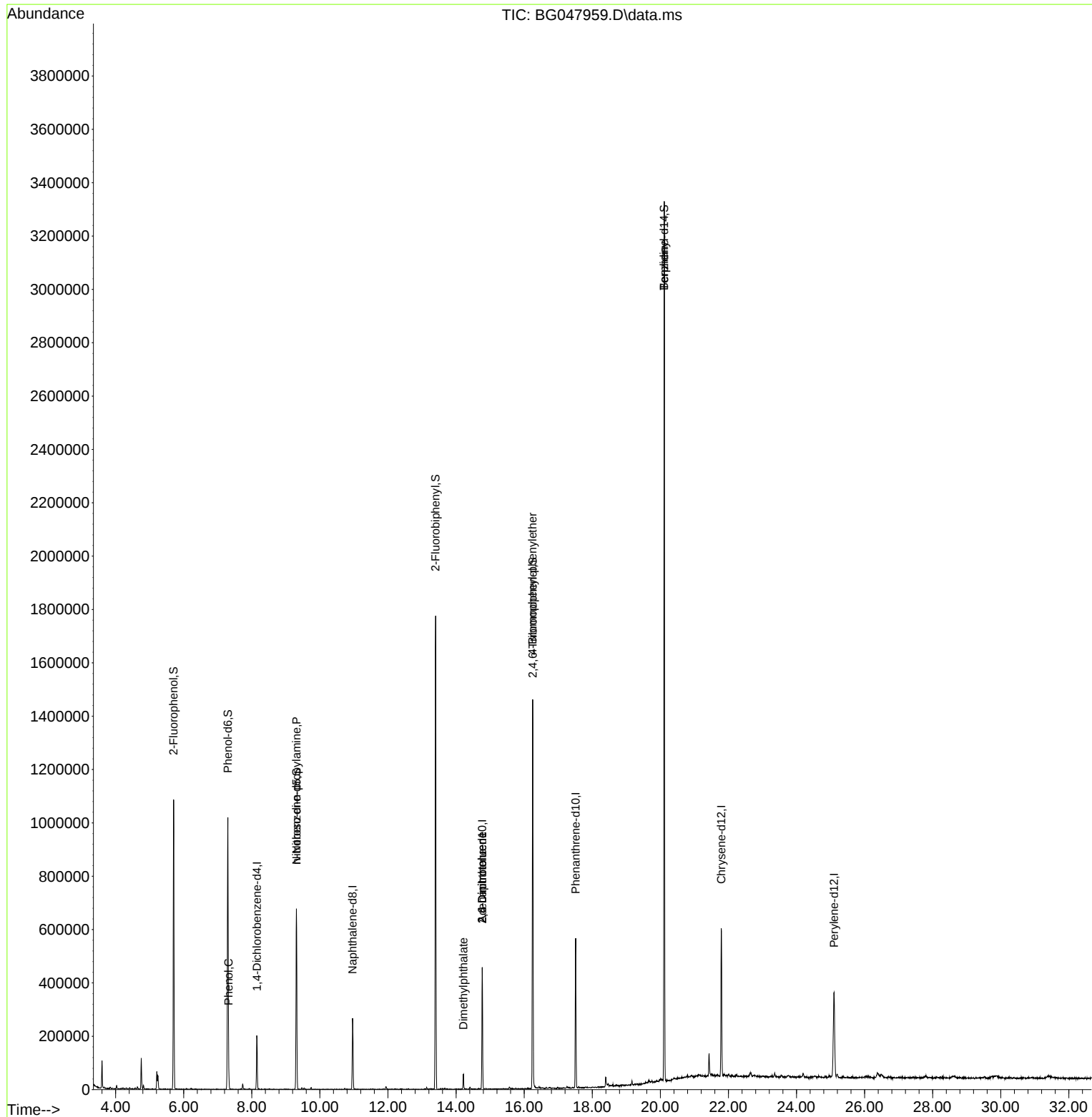
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	53879	20.00	ng	0.00
21) Naphthalene-d8	10.961	136	206796	20.00	ng	# 0.00
39) Acenaphthene-d10	14.768	164	153488	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	354125	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	358217	20.00	ng	# 0.00
86) Perylene-d12	25.103	264	356259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	406062	122.91	ng	0.00
7) Phenol-d6	7.295	99	531458	106.57	ng	0.00
23) Nitrobenzene-d5	9.310	82	399395	84.93	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	280861	114.34	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	891275	77.55	ng	0.00
79) Terphenyl-d14	20.115	244	1425145	73.55	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	61	Below Cal	#	1
9) Benzaldehyde	7.301	77	1793	Below Cal	#	1
10) Phenol	7.318	94	31721	6.72	ng	# 60
19) n-Nitroso-di-n-propyla...	9.310	70	58091	16.46	ng	# 78
32) Benzoic acid	10.415	122	56	Below Cal	#	1
50) Dimethylphthalate	14.216	163	35068	2.63	ng	96
51) 2,6-Dinitrotoluene	14.768	165	19591	7.63	ng	# 35
57) 2,4-Dinitrotoluene	14.768	165	19591	5.44	ng	# 33
67) 4-Bromophenyl-phenylether	16.249	248	19189	4.09	ng	# 1
77) Benzidine	20.115	184	24703	2.70	ng	100

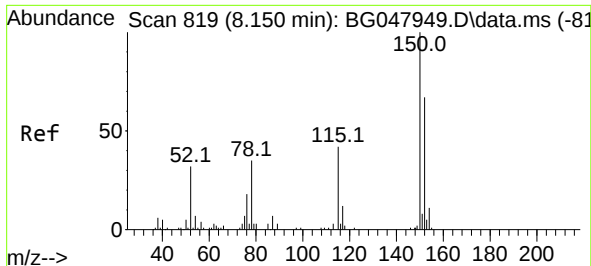
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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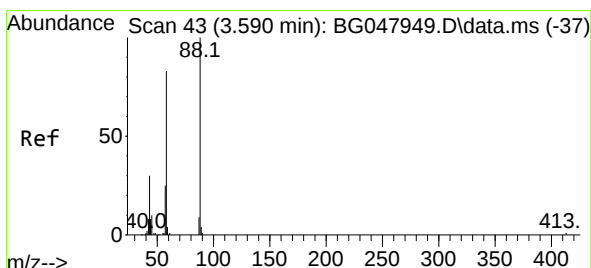
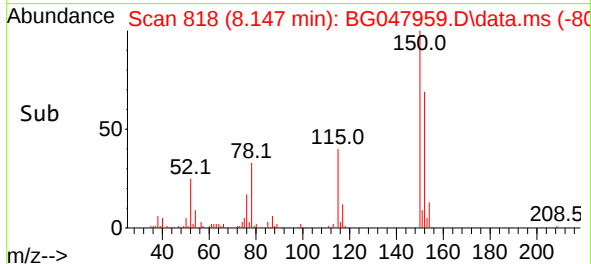
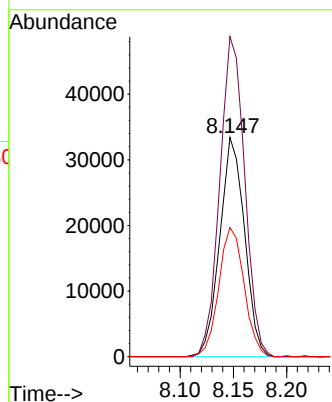
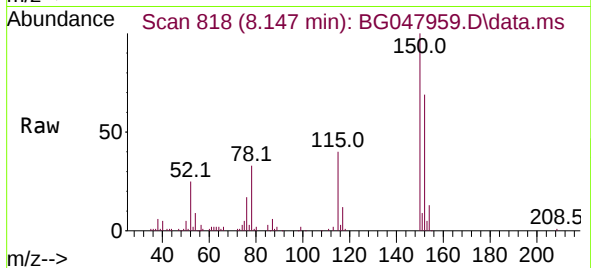




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.147 min Scan# 818
Delta R.T. -0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

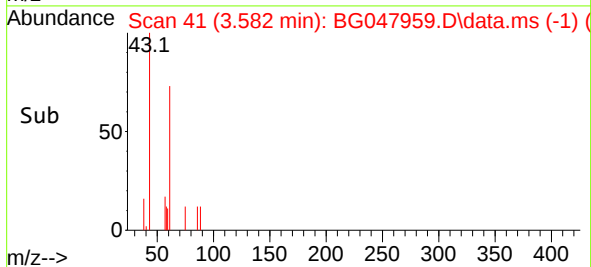
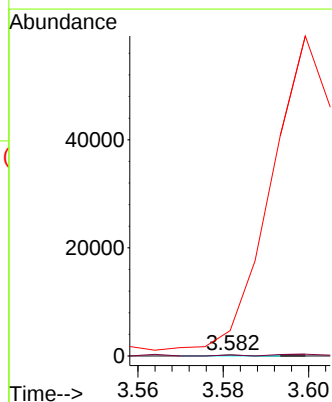
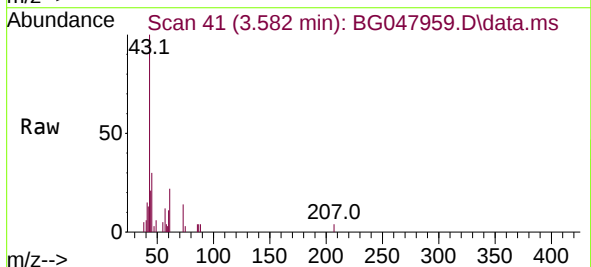
Instrument :
BNA_G
ClientSampleId :
TP-C

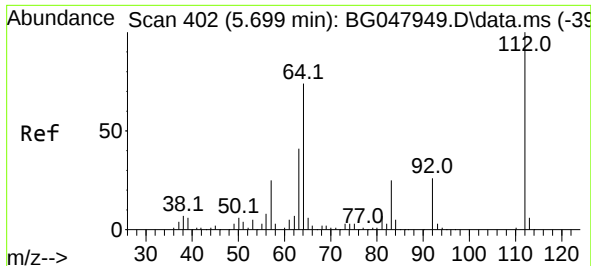
Tgt Ion:152 Resp: 53879
Ion Ratio Lower Upper
152 100
150 146.0 125.0 187.6
115 58.9 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.582 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
58 629.5 61.6 92.4#
43 116213.1 21.3 31.9#

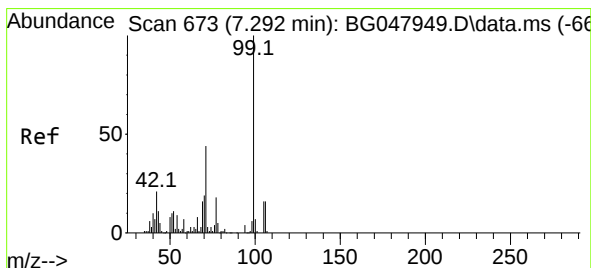
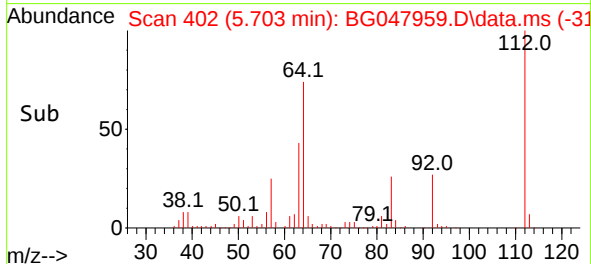
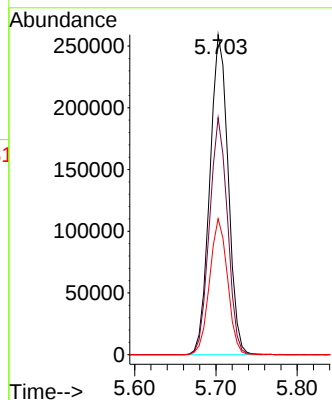
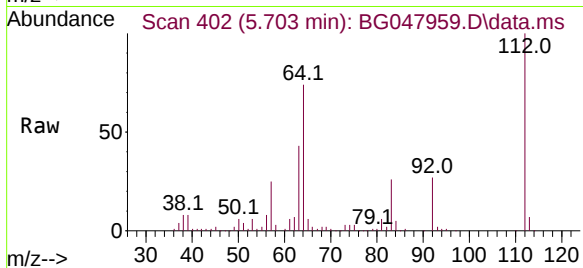




#5
2-Fluorophenol
Concen: 122.91 ng
RT: 5.703 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

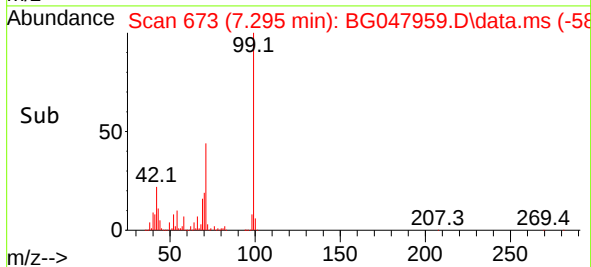
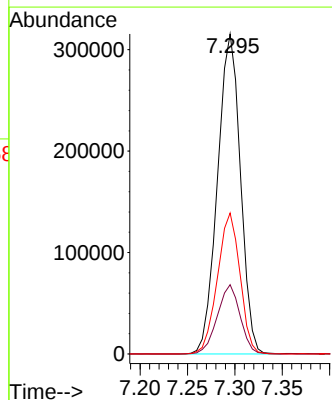
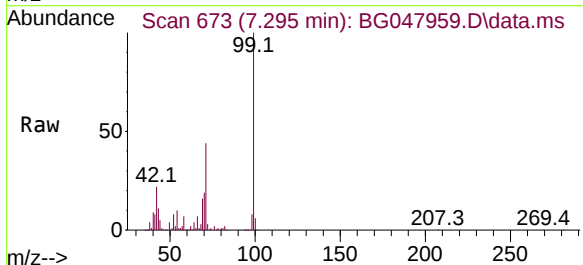
Instrument :
BNA_G
ClientSampleId :
TP-C

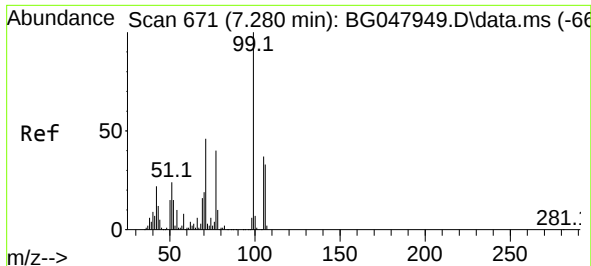
Tgt Ion:112 Resp: 406062
Ion Ratio Lower Upper
112 100
64 74.1 46.7 70.1#
63 42.5 22.8 34.2#



#7
Phenol-d6
Concen: 106.57 ng
RT: 7.295 min Scan# 673
Delta R.T. 0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion: 99 Resp: 531458
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 44.1 24.6 36.8#

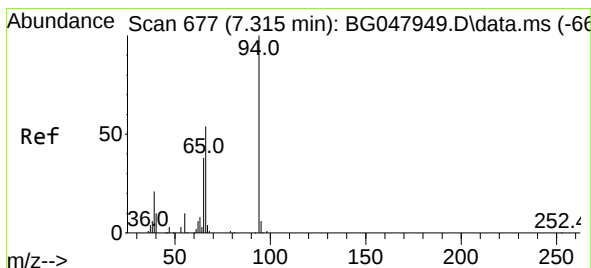
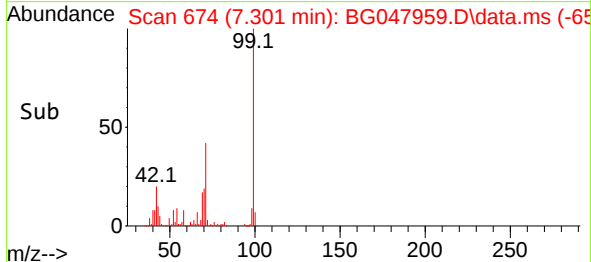
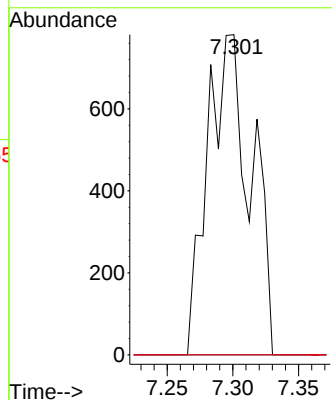
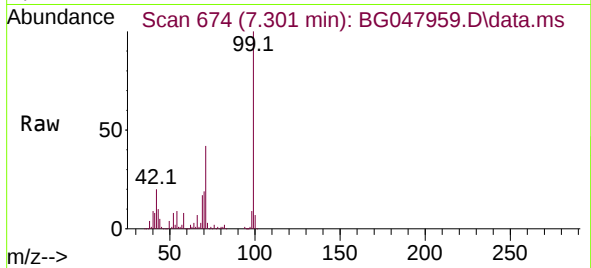




#9
Benzaldehyde
Concen: Below Cal
RT: 7.301 min Scan# 674
Delta R.T. 0.021 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

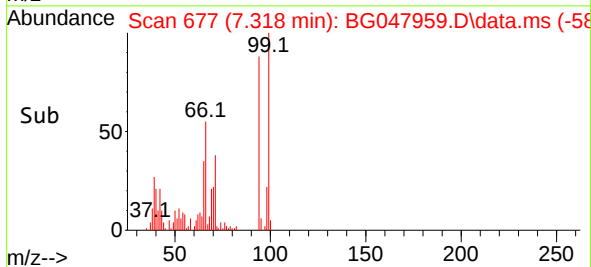
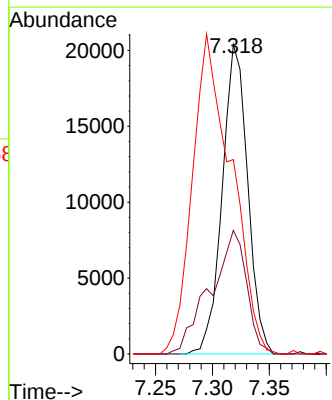
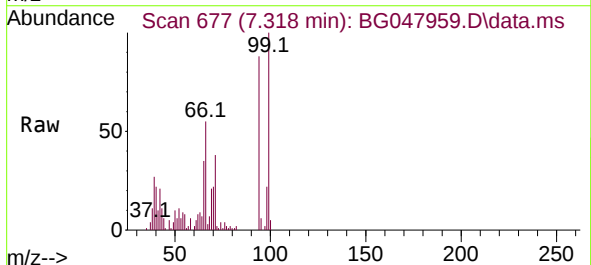
Instrument :
BNA_G
ClientSampleId :
TP-C

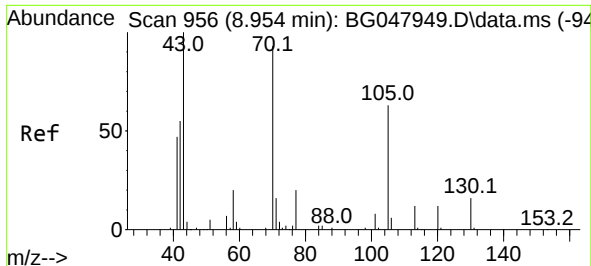
Tgt Ion: 77 Resp: 1793
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 6.72 ng
RT: 7.318 min Scan# 677
Delta R.T. 0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion: 94 Resp: 31721
Ion Ratio Lower Upper
94 100
65 39.9 6.6 46.6
66 62.8 13.9 53.9#

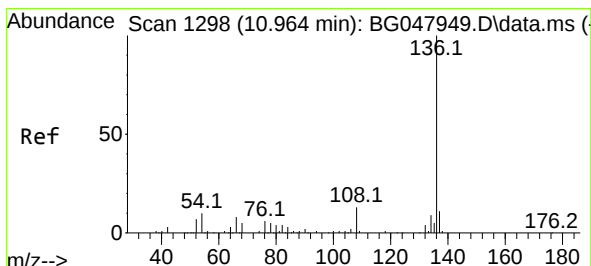
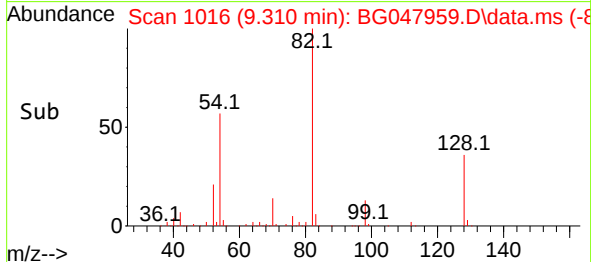
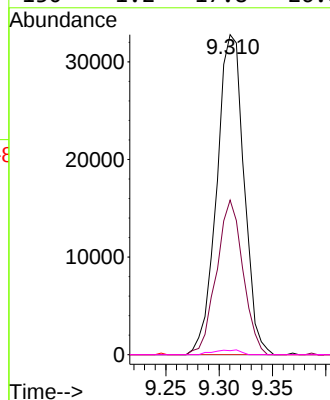
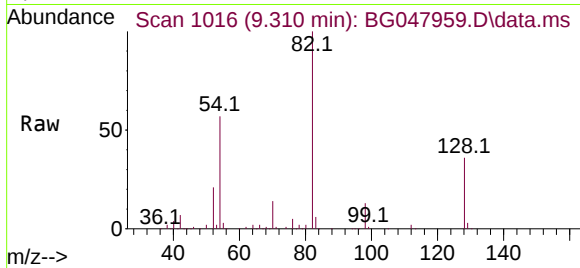




#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 9.310 min Scan# 1016
Delta R.T. 0.356 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

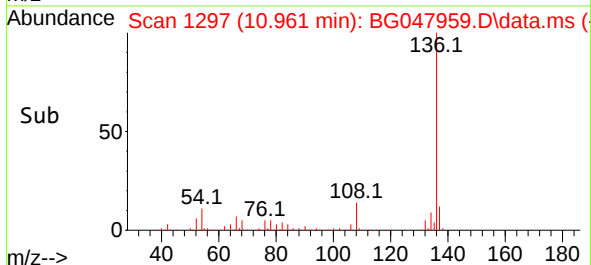
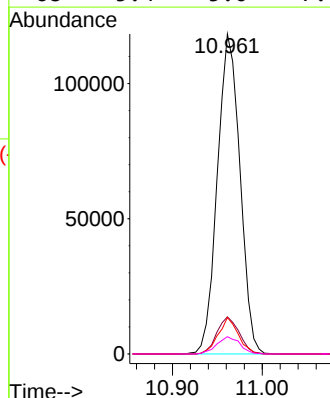
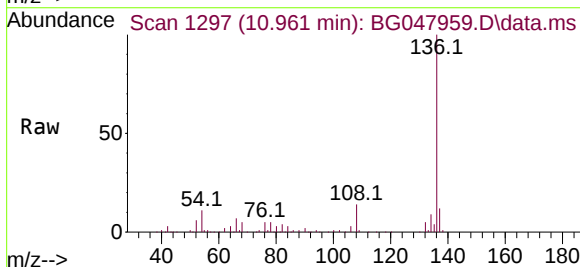
Instrument :
BNA_G
ClientSampleId :
TP-C

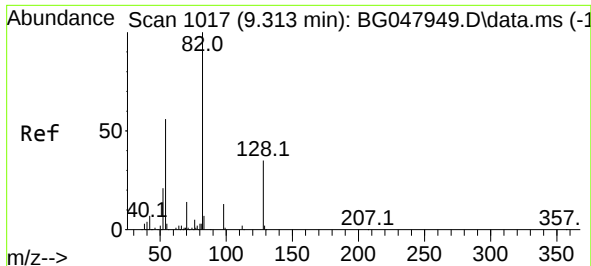
Tgt Ion:	70	Resp:	58091
Ion	Ratio	Lower	Upper
70	100		
42	48.3	45.6	68.4
101	0.0	8.4	12.6#
130	1.2	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.961 min Scan# 1297
Delta R.T. -0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion:	136	Resp:	206796
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.4	6.2	9.4#
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 84.93 ng

RT: 9.310 min Scan# 1016

Delta R.T. -0.003 min

Lab File: BG047959.D

Acq: 21 Jan 2021 18:42

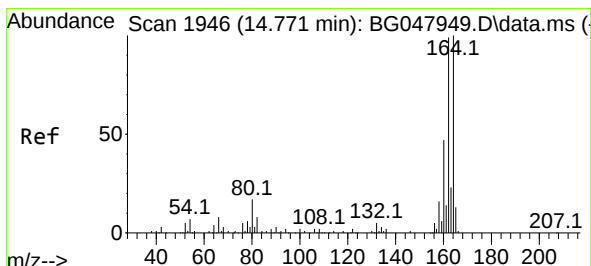
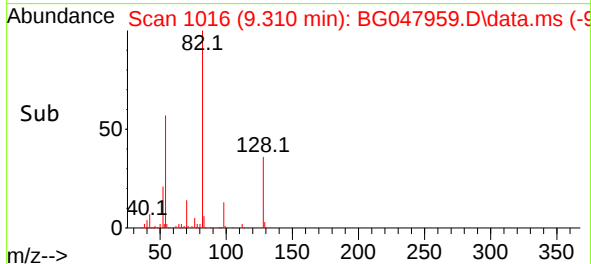
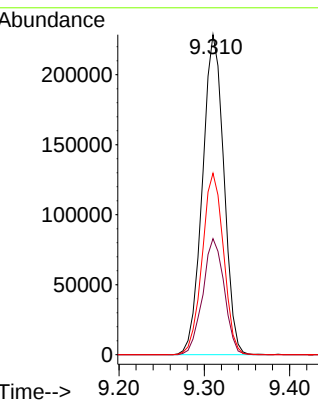
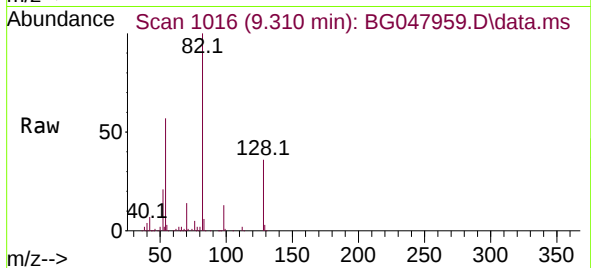
Tgt Ion: 82 Resp: 399395

Ion Ratio Lower Upper

82 100

128 36.3 37.0 55.6#

54 56.7 39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.768 min Scan# 1945

Delta R.T. -0.003 min

Lab File: BG047959.D

Acq: 21 Jan 2021 18:42

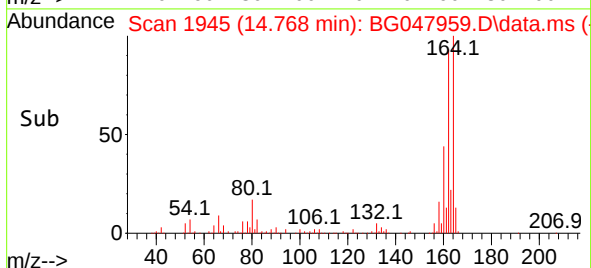
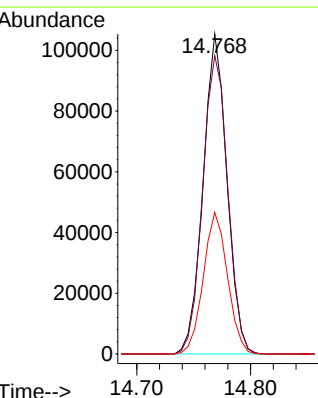
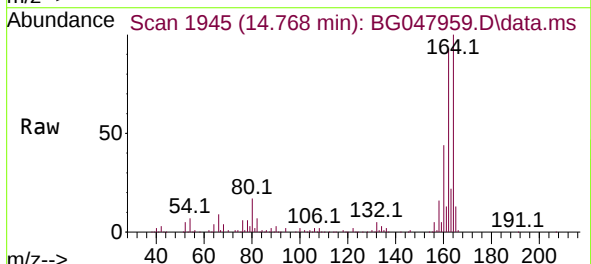
Tgt Ion: 164 Resp: 153488

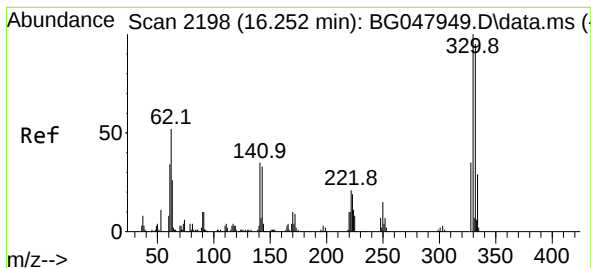
Ion Ratio Lower Upper

164 100

162 93.2 82.3 123.5

160 44.2 35.3 52.9

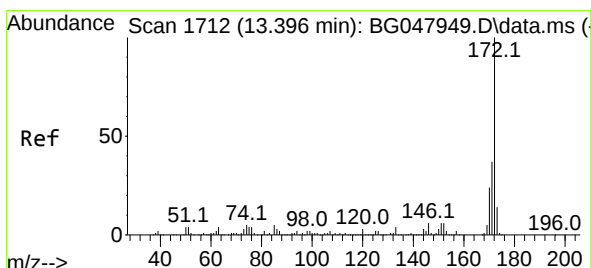
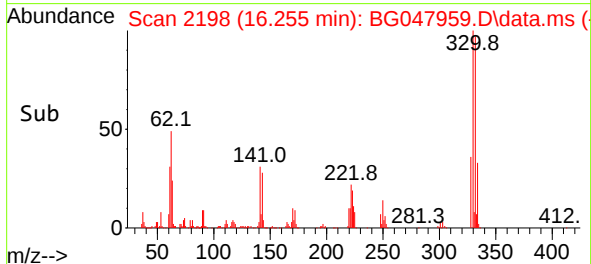
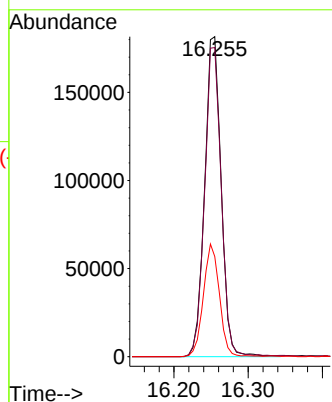
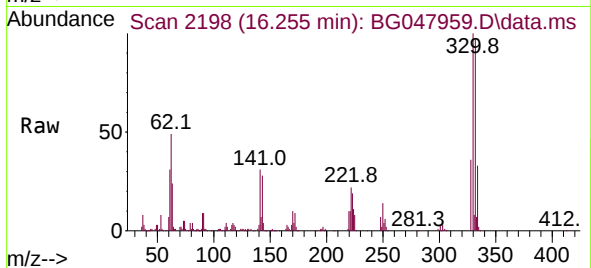




#42
2,4,6-Tribromophenol
Concen: 114.34 ng
RT: 16.255 min Scan# 2198
Delta R.T. 0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

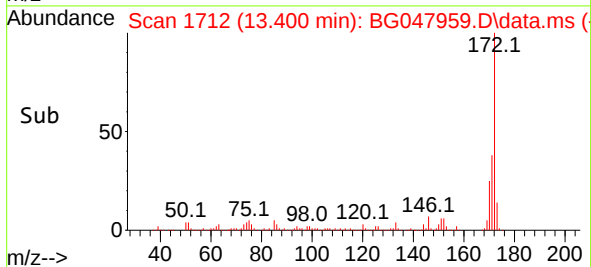
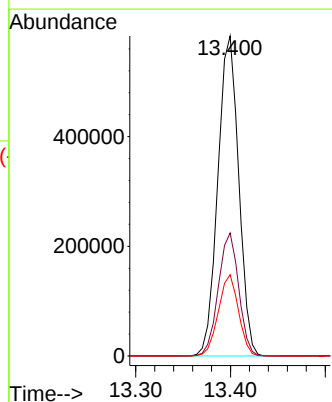
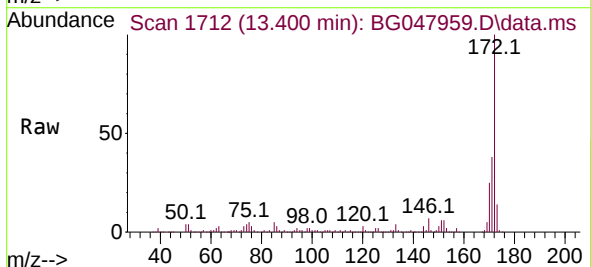
Instrument :
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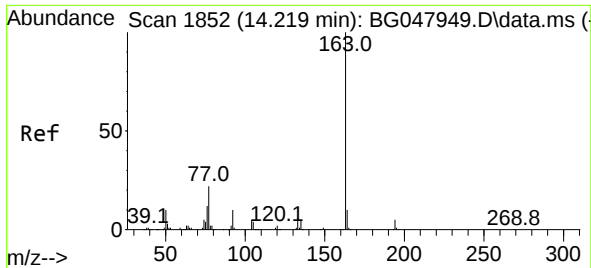
Tgt Ion:330 Resp: 280861
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 34.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 77.55 ng
RT: 13.400 min Scan# 1712
Delta R.T. 0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion:172 Resp: 891275
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 25.4 20.8 31.2

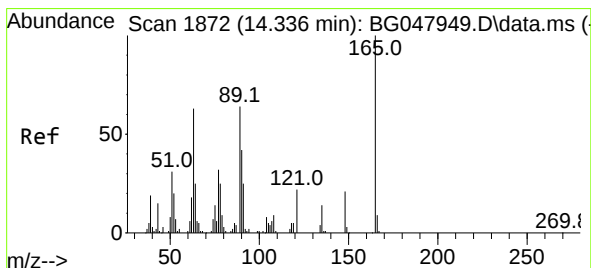
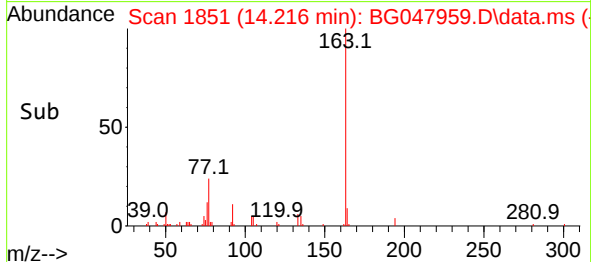
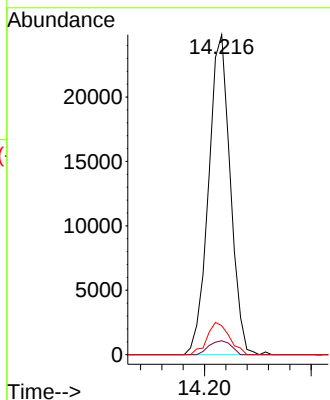
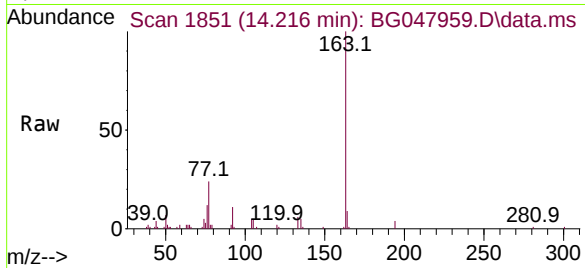




#50
Dimethylphthalate
Concen: 2.63 ng
RT: 14.216 min Scan# 1851
Delta R.T. -0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

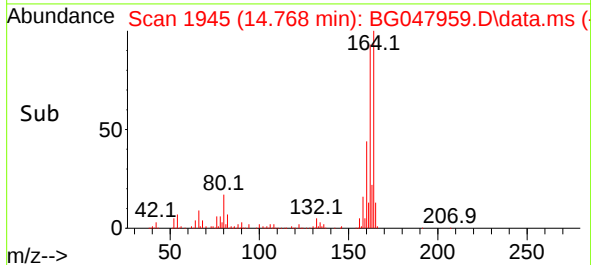
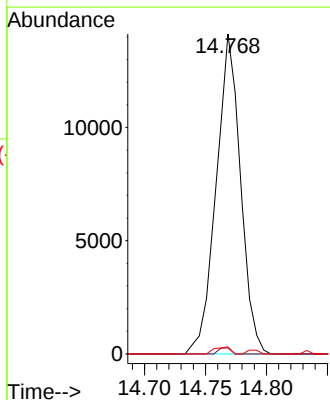
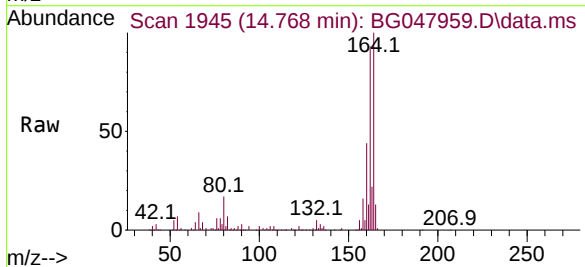
Instrument :
BNA_G
ClientSampleId :
TP-C

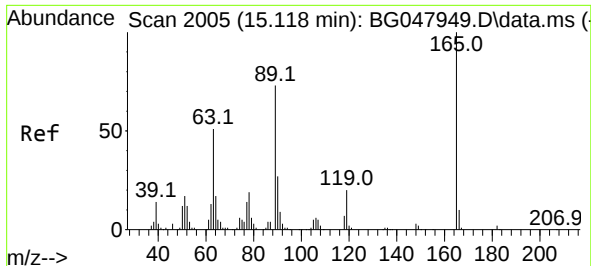
Tgt Ion:163 Resp: 35068
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.8
164 9.0 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 14.768 min Scan# 1945
Delta R.T. 0.432 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

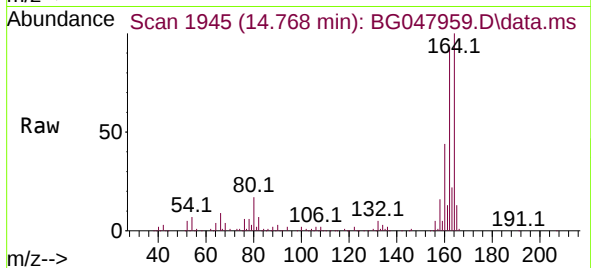
Tgt Ion:165 Resp: 19591
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 2.2 36.6 54.8#



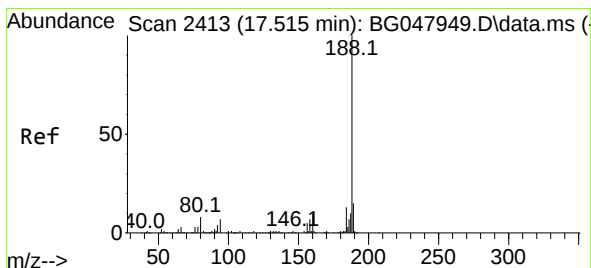
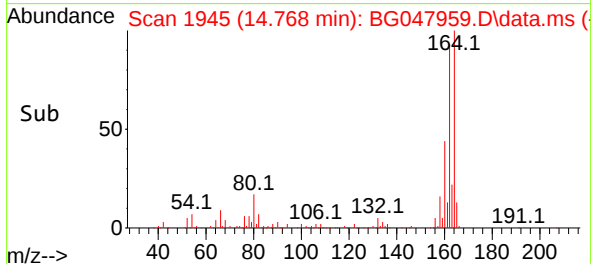
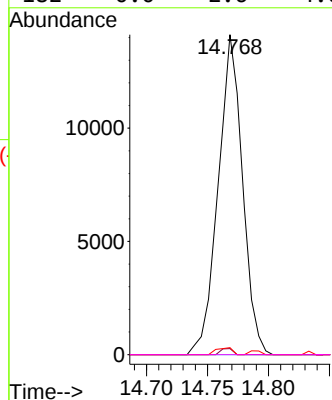


#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 14.768 min Scan# 1945
Delta R.T. -0.349 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Instrument :
BNA_G
ClientSampleId :
TP-C

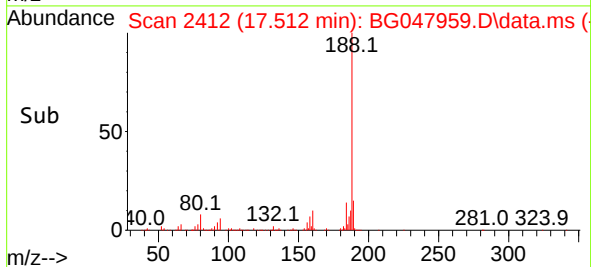
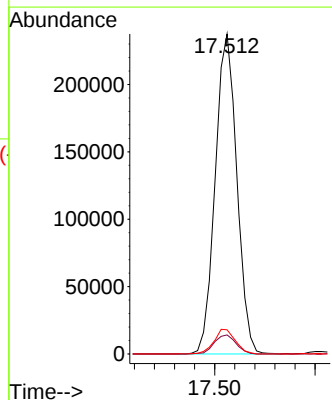
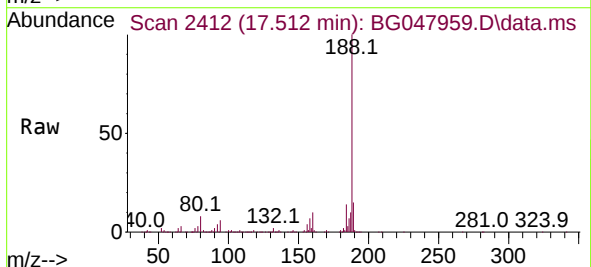


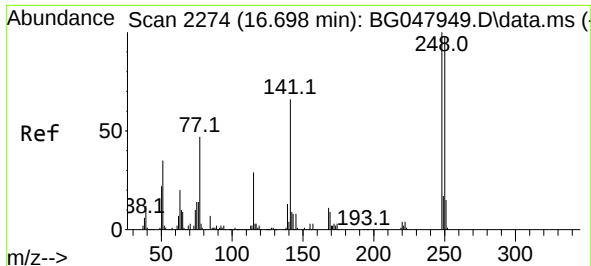
Tgt Ion:165 Resp: 19591
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 2.2 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion:188 Resp: 354125
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.6 7.0 10.6

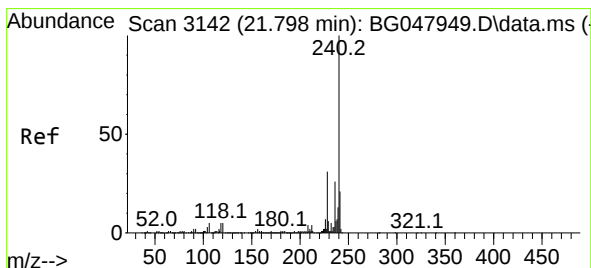
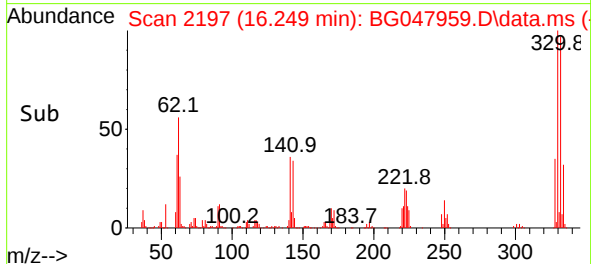
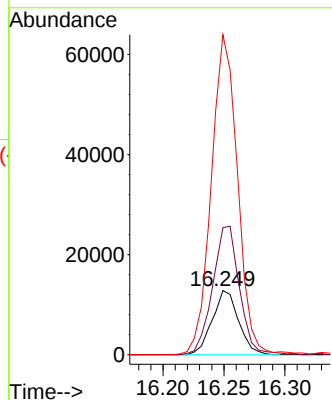
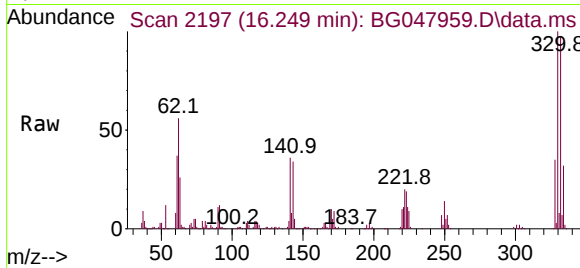




#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 16.249 min Scan# 2197
Delta R.T. -0.449 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

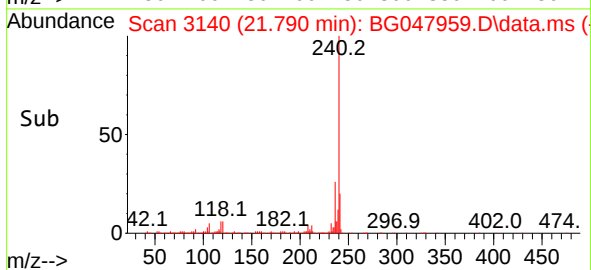
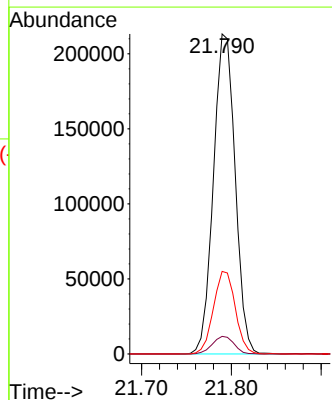
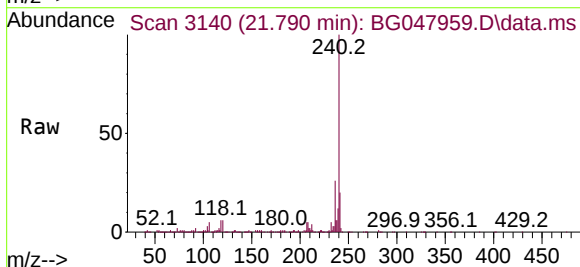
Instrument :
BNA_G
ClientSampleId :
TP-C

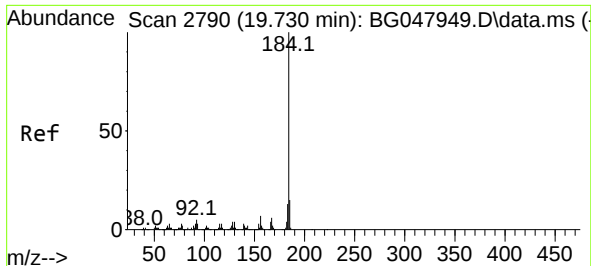
Tgt Ion:248 Resp: 19189
Ion Ratio Lower Upper
248 100
250 198.0 78.9 118.3#
141 498.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.790 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion:240 Resp: 358217
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 25.8 20.5 30.7

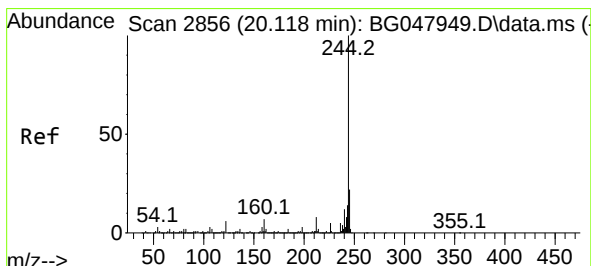
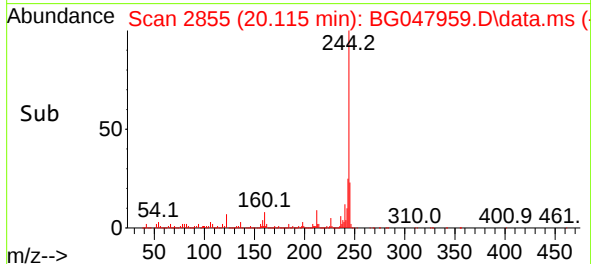
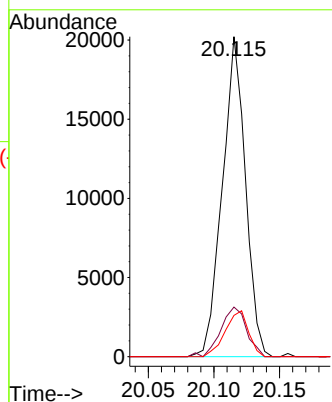
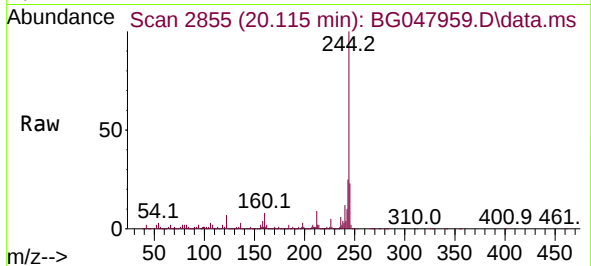




#77
Benzidine
Concen: 2.70 ng
RT: 20.115 min Scan# 2855
Delta R.T. 0.385 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

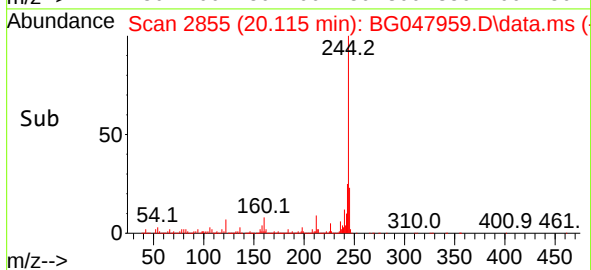
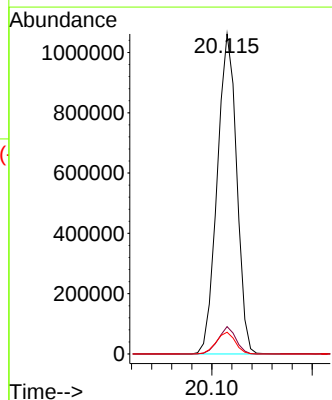
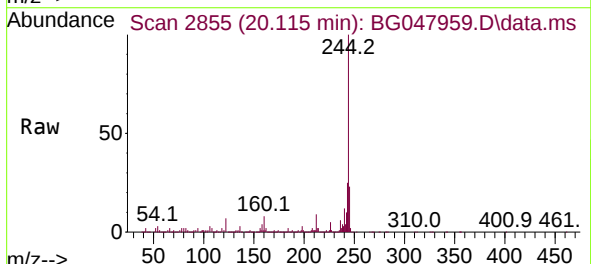
Instrument :
BNA_G
ClientSampled :
TP-C

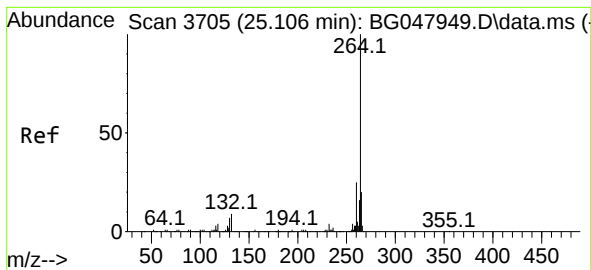
Tgt Ion:184 Resp: 24703
Ion Ratio Lower Upper
184 100
185 15.5 12.4 18.6
183 12.9 10.6 15.8



#79
Terphenyl-d14
Concen: 73.55 ng
RT: 20.115 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG047959.D
Acq: 21 Jan 2021 18:42

Tgt Ion:244 Resp: 1425145
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 6.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.103 min Scan# 3704
 Delta R.T. -0.003 min
 Lab File: BG047959.D
 Acq: 21 Jan 2021 18:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Tgt Ion:264 Resp: 356259
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 20.8 17.8 26.8

