

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048016.D
 Acq On : 26 Jan 2021 21:15
 Operator : CG/JU
 Sample : M1213-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-BR2-SO-012121

Quant Time: Jan 26 23:34:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

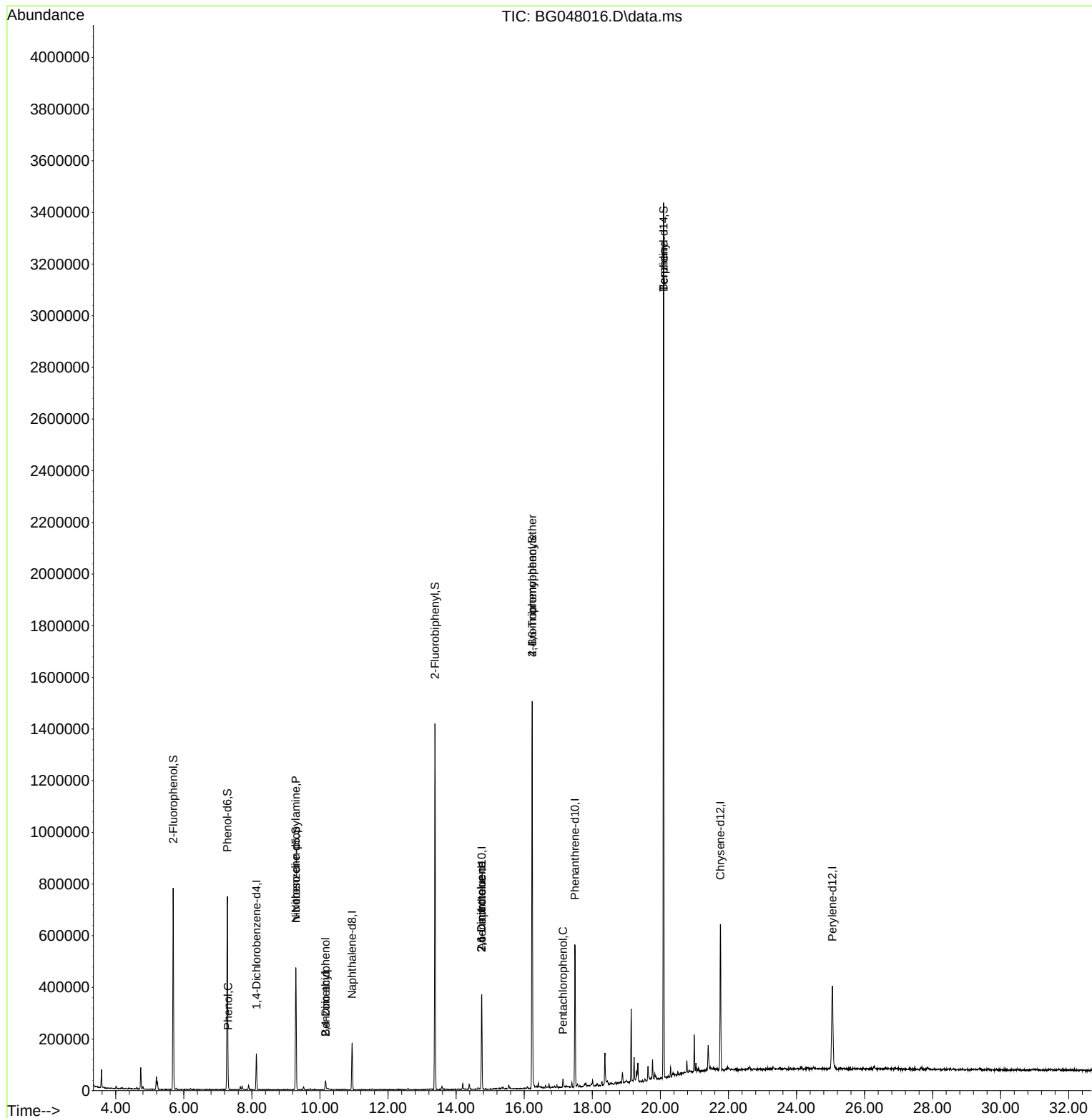
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	36204	20.00	ng	0.00
21) Naphthalene-d8	10.947	136	151685	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	127109	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	349980	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	355208	20.00	ng	#-0.01
86) Perylene-d12	25.054	264	351139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	300978	127.76	ng	0.00
7) Phenol-d6	7.280	99	403771	112.73	ng	0.00
23) Nitrobenzene-d5	9.290	82	296753	77.41	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	289599	136.79	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	718340	73.07	ng	0.00
79) Terphenyl-d14	20.095	244	1445152	70.54	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.304	94	8619	2.51	ng	# 66
19) n-Nitroso-di-n-propyla...	9.290	70	43695	16.71	ng	# 75
27) 2,4-Dimethylphenol	10.165	122	11988	5.22	ng	# 6
32) Benzoic acid	10.165	122	11988	5.83	ng	# 76
51) 2,6-Dinitrotoluene	14.748	165	16819	7.03	ng	# 32
57) 2,4-Dinitrotoluene	14.748	165	16819	4.87	ng	# 30
67) 4-Bromophenyl-phenylether	16.234	248	19157	4.10	ng	# 1
70) Pentachlorophenol	17.139	266	7086	2.29	ng	# 81
77) Benzidine	20.095	184	25097	2.45	ng	# 92

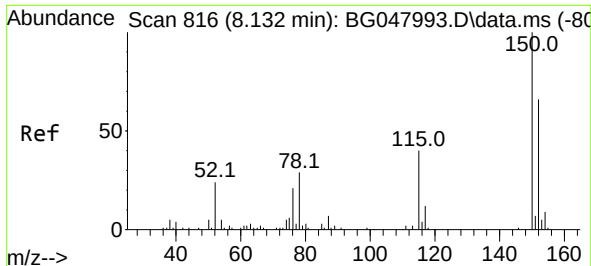
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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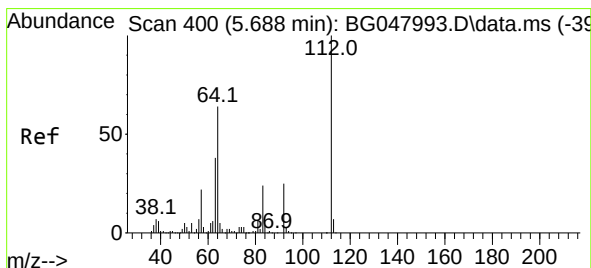
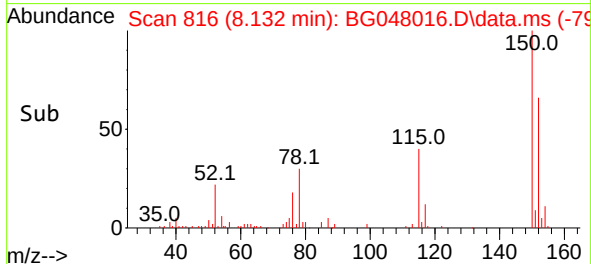
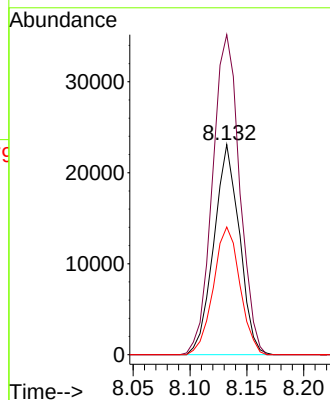
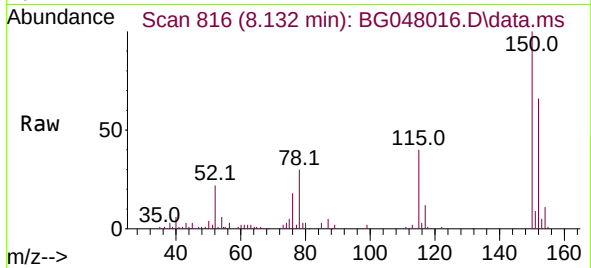




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.132 min Scan# 816
Delta R.T. 0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

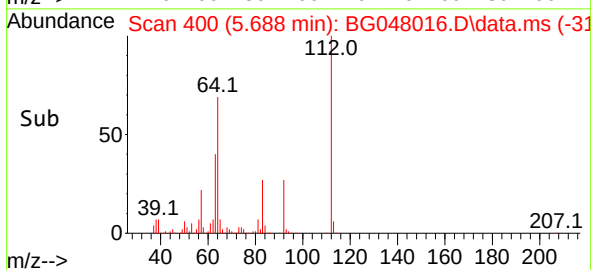
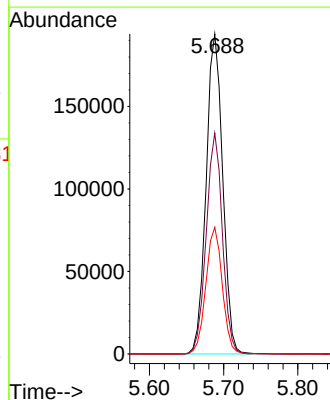
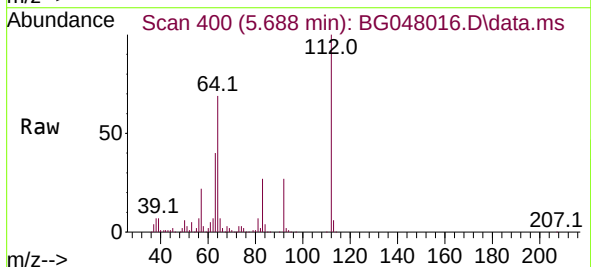
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

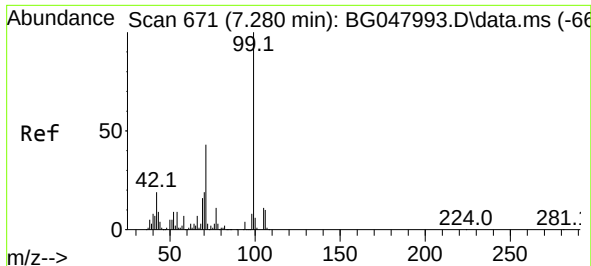
Tgt Ion:152 Resp: 36204
Ion Ratio Lower Upper
152 100
150 152.3 125.0 187.6
115 60.8 41.8 62.6



#5
2-Fluorophenol
Concen: 127.76 ng
RT: 5.688 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:112 Resp: 300978
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 39.6 22.8 34.2#

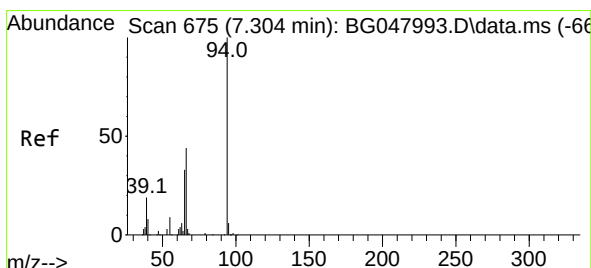
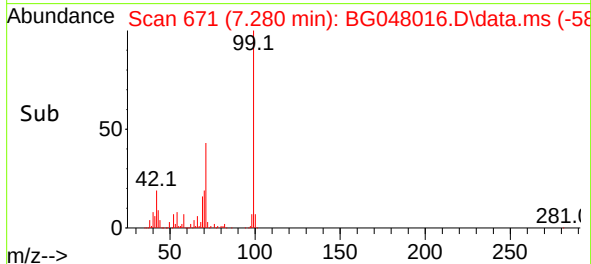
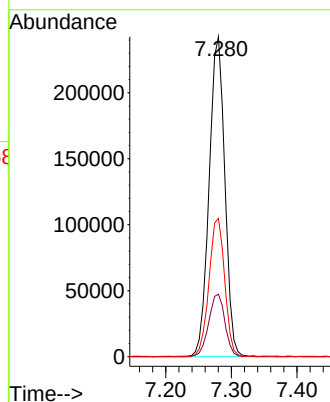
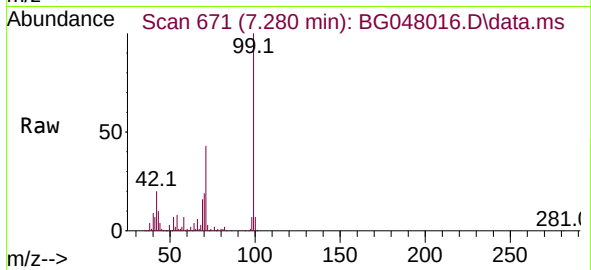




#7
Phenol-d6
Concen: 112.73 ng
RT: 7.280 min Scan# 671
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

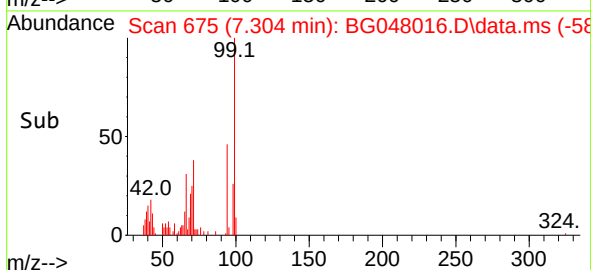
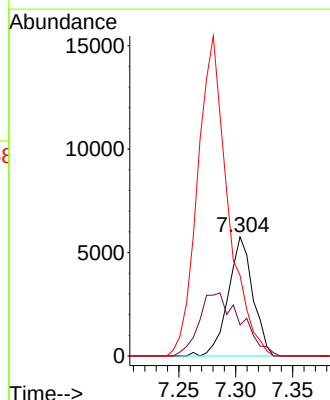
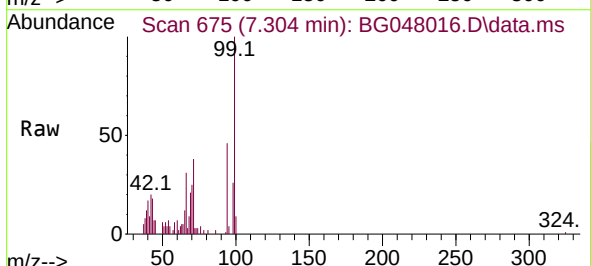
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

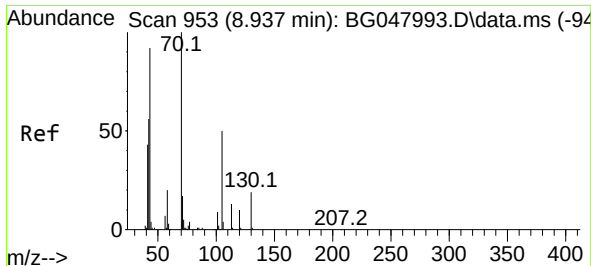
Tgt Ion: 99 Resp: 403771
Ion Ratio Lower Upper
99 100
42 19.5 12.8 19.2#
71 43.2 24.6 36.8#



#10
Phenol
Concen: 2.51 ng
RT: 7.304 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion: 94 Resp: 8619
Ion Ratio Lower Upper
94 100
65 26.1 6.6 46.6
66 67.7 13.9 53.9#



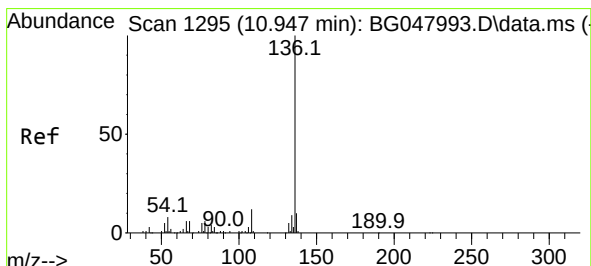
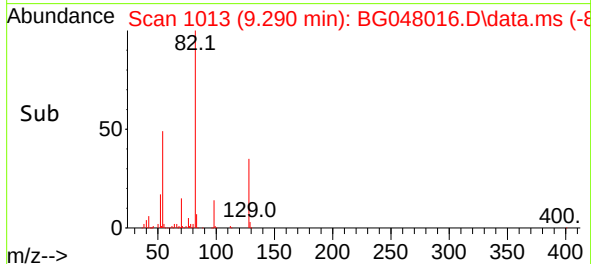
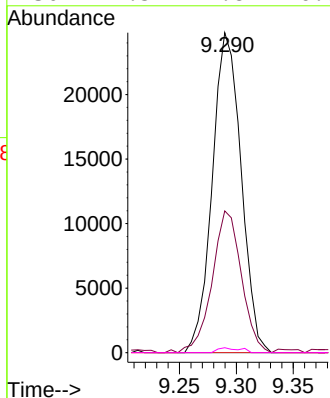
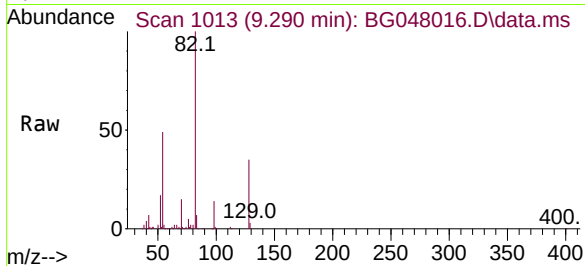


#19
n-Nitroso-di-n-propylamine
Concen: 16.71 ng
RT: 9.290 min Scan# 1013
Delta R.T. 0.352 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

Tgt Ion: 70 Resp: 43695

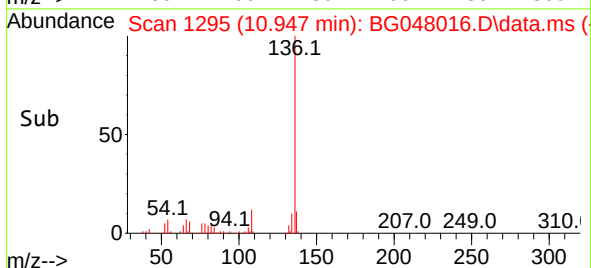
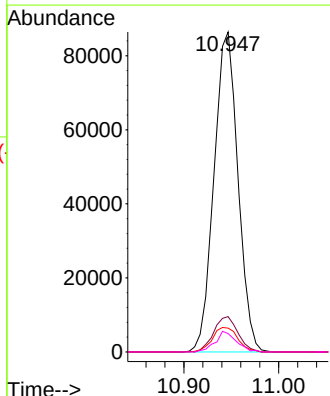
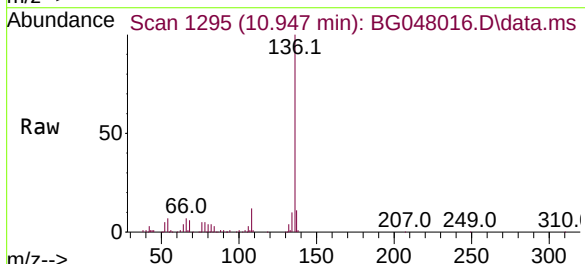
Ion	Ratio	Lower	Upper
70	100		
42	44.3	45.6	68.4#
101	0.0	8.4	12.6#
130	1.5	17.8	26.8#

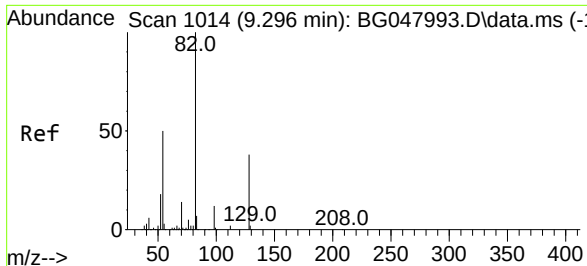


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.947 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion: 136 Resp: 151685

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.5	6.2	9.4
68	5.8	5.0	7.4

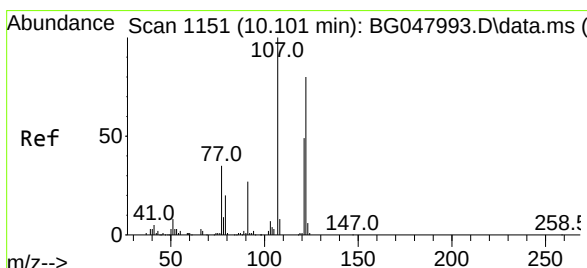
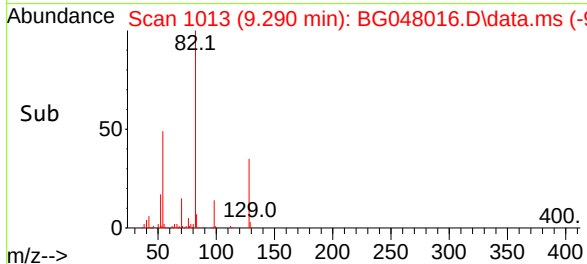
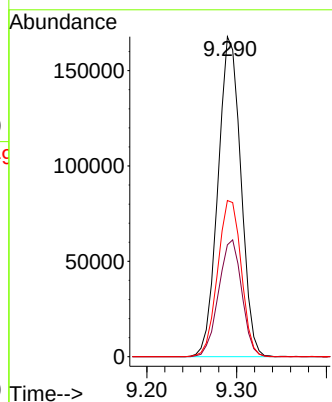
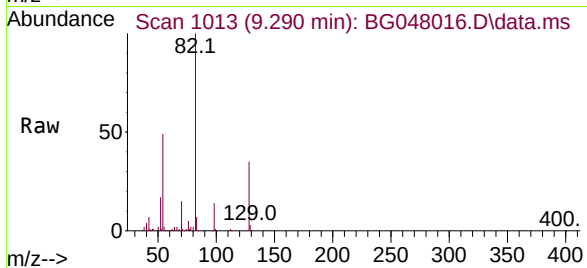




#23
Nitrobenzene-d5
Concen: 77.41 ng
RT: 9.290 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

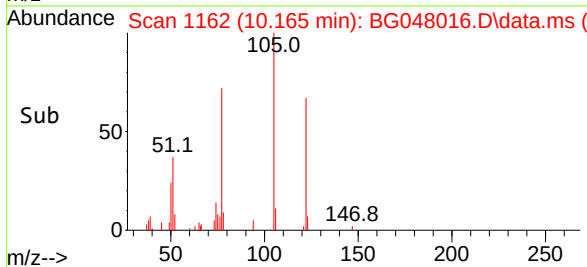
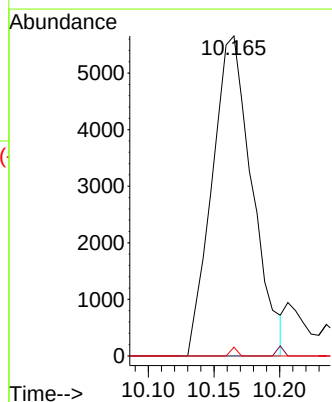
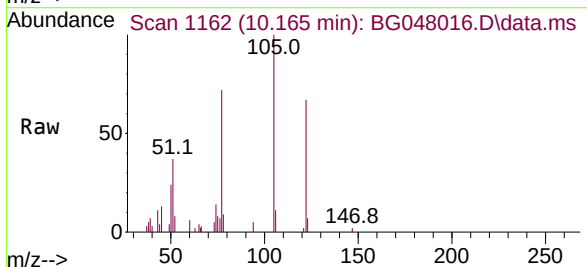
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

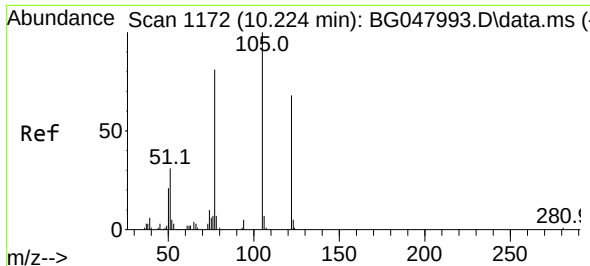
Tgt Ion: 82 Resp: 296753
Ion Ratio Lower Upper
82 100
128 35.0 37.0 55.6#
54 48.8 39.0 58.4



#27
2,4-Dimethylphenol
Concen: 5.22 ng
RT: 10.165 min Scan# 1162
Delta R.T. 0.064 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion: 122 Resp: 11988
Ion Ratio Lower Upper
122 100
107 0.0 89.2 133.8#
121 2.7 46.9 70.3#

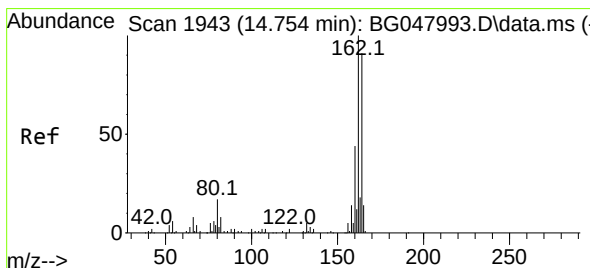
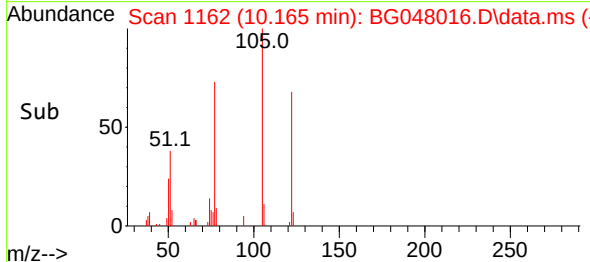
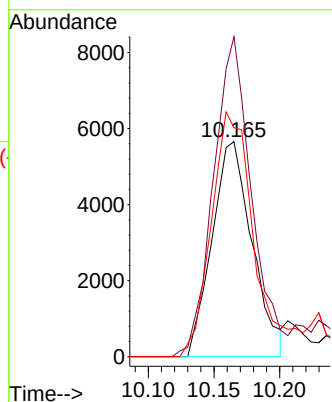
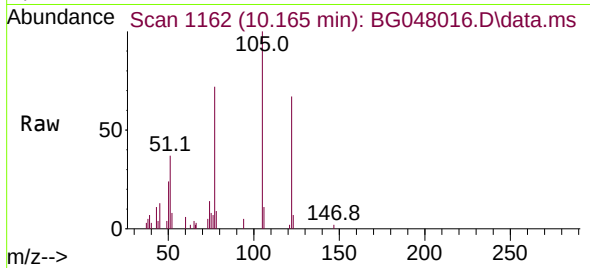




#32
Benzoic acid
Concen: 5.83 ng
RT: 10.165 min Scan# 1162
Delta R.T. -0.059 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

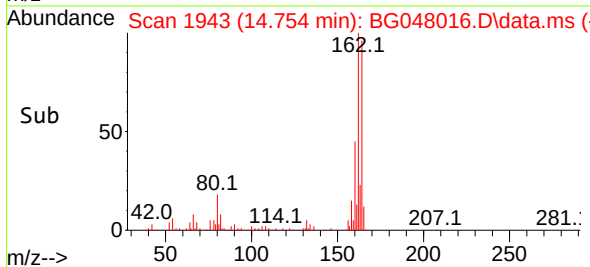
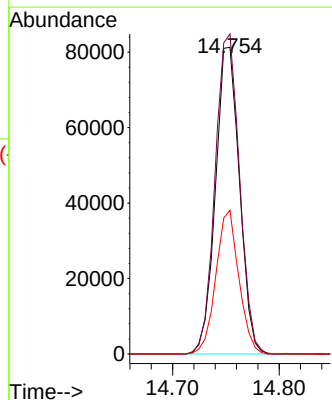
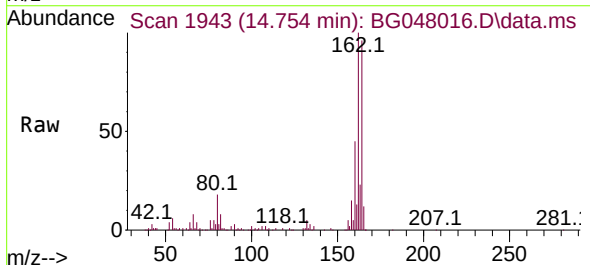
Instrument :
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ClientSampleId :
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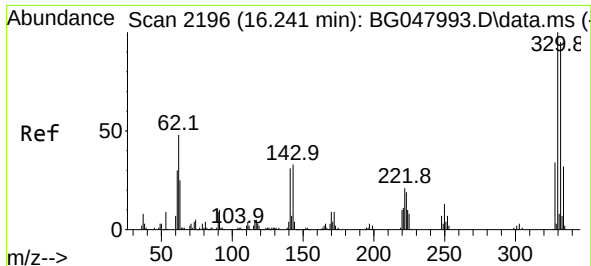
Tgt Ion:122 Resp: 11988
Ion Ratio Lower Upper
122 100
105 148.8 103.7 143.7#
77 106.5 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:164 Resp: 127109
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 46.8 35.3 52.9

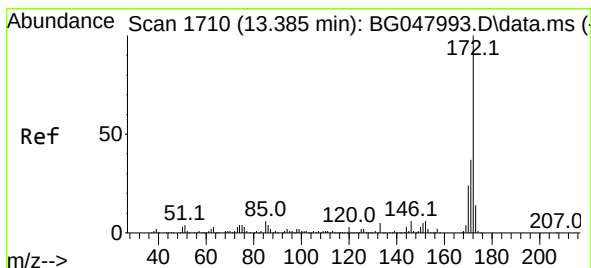
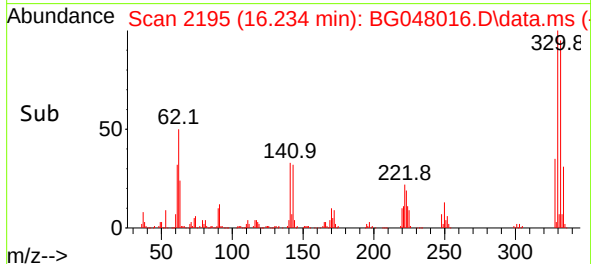
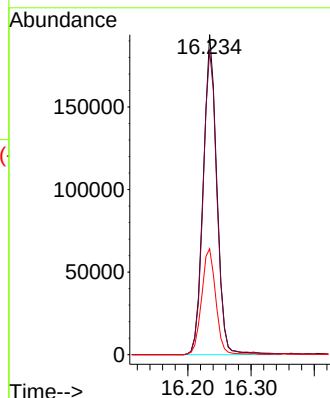
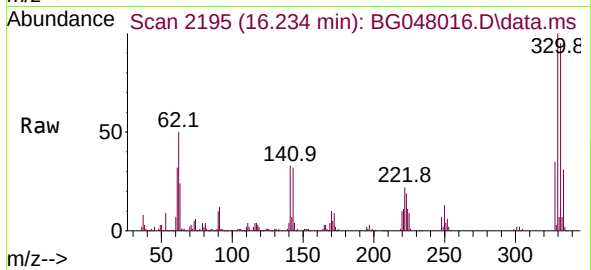




#42
2,4,6-Tribromophenol
Concen: 136.79 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

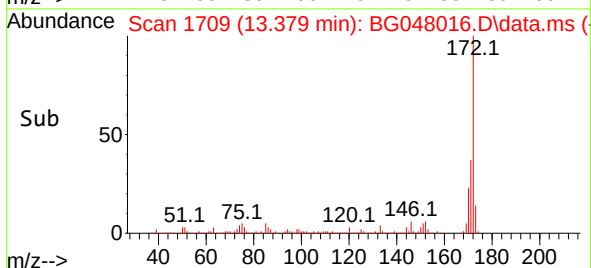
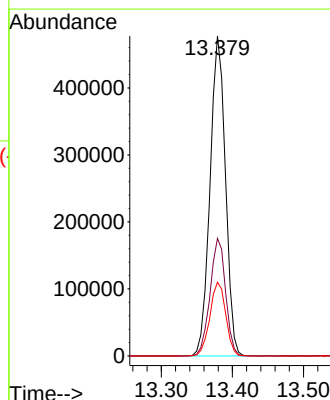
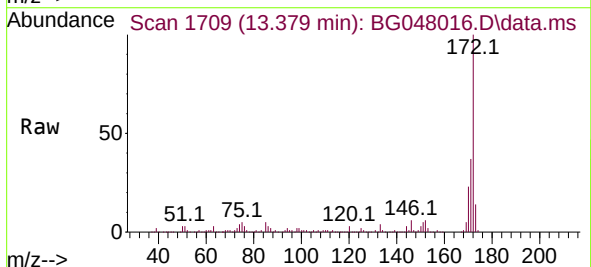
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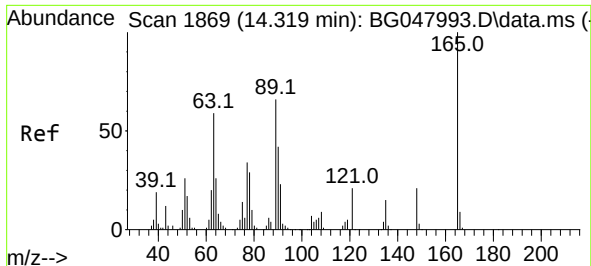
Tgt Ion:330 Resp: 289599
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 34.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 73.07 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:172 Resp: 718340
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 23.1 20.8 31.2

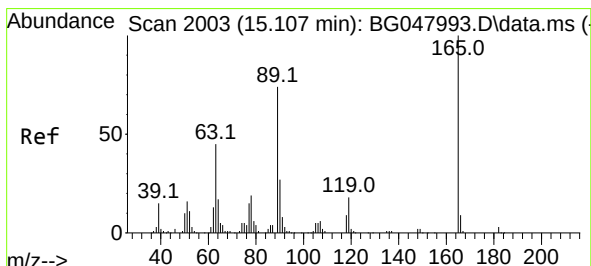
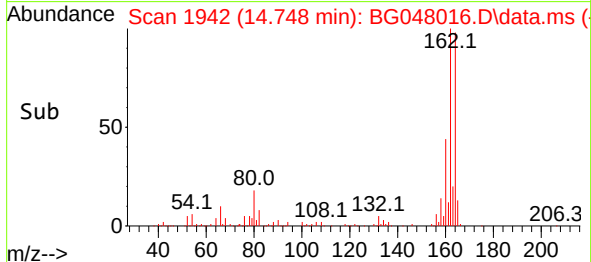
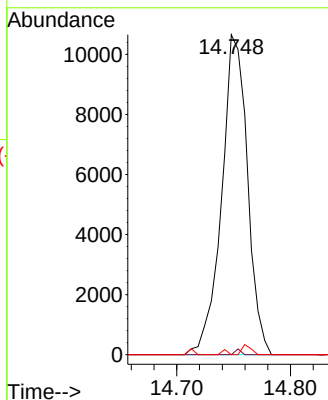
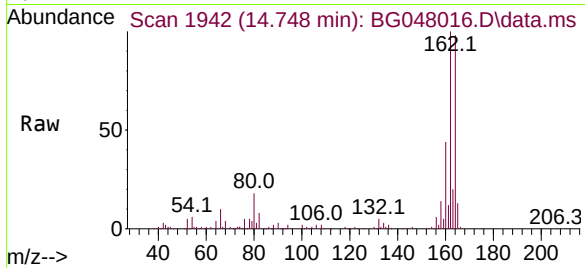




#51
2,6-Dinitrotoluene
Concen: 7.03 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

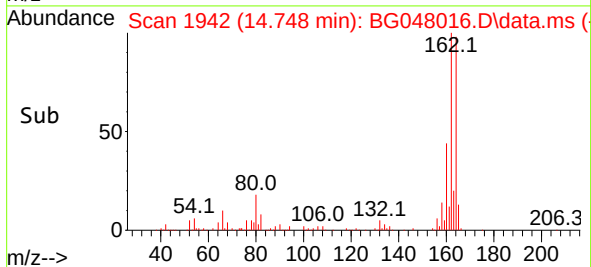
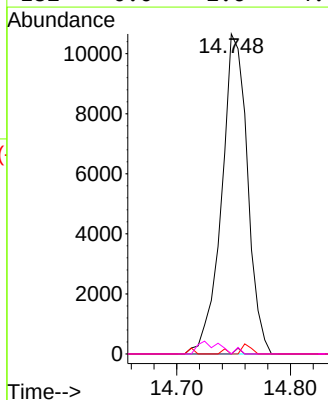
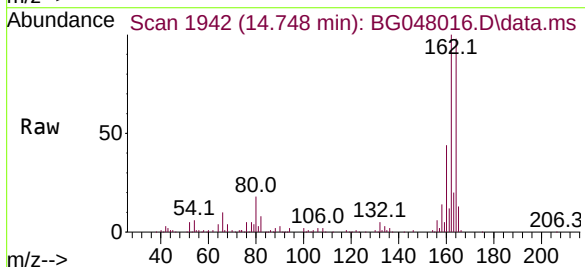
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

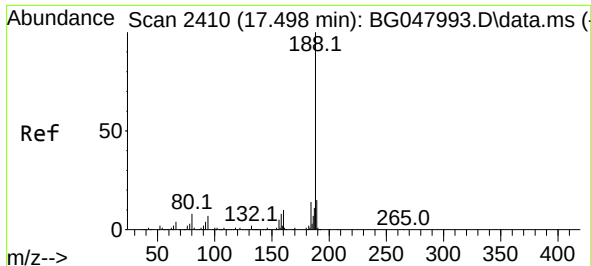
Tgt Ion:165 Resp: 16819
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.87 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:165 Resp: 16819
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

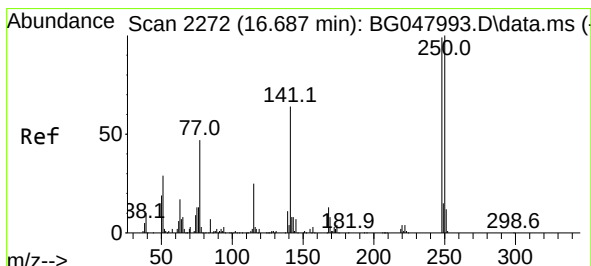
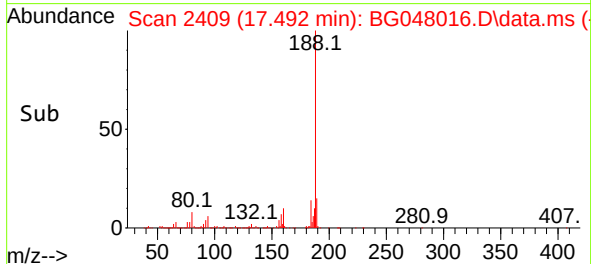
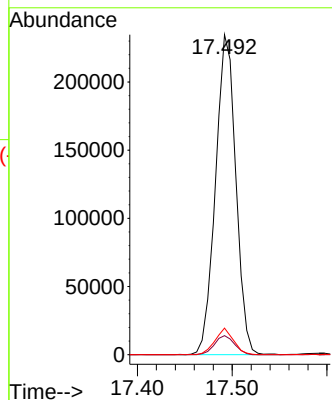
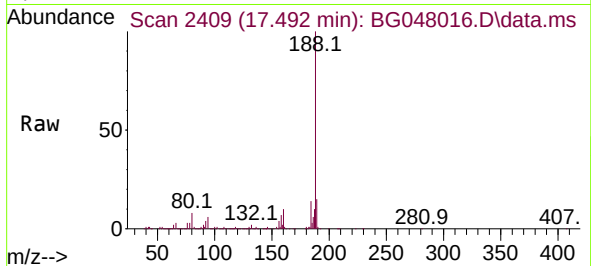




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

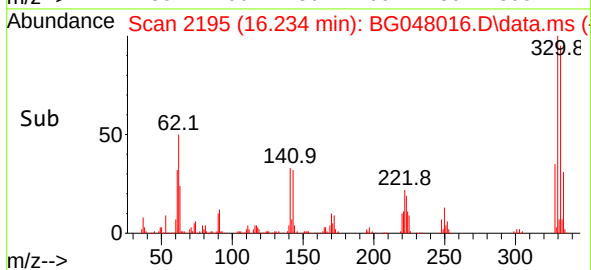
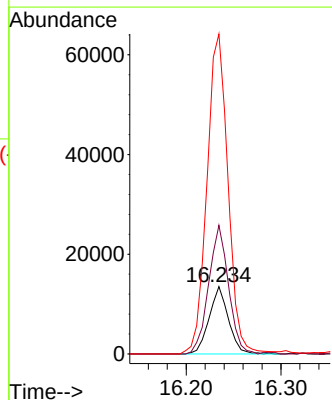
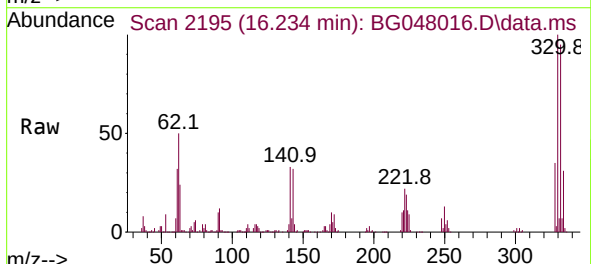
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

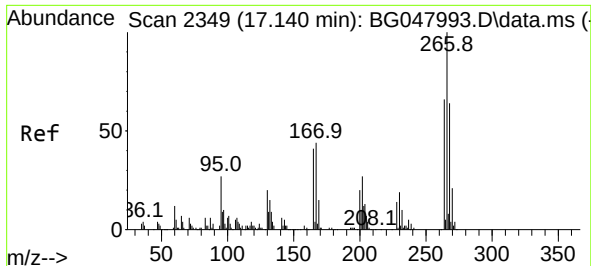
Tgt Ion:188 Resp: 349980
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 8.3 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:248 Resp: 19157
Ion Ratio Lower Upper
248 100
250 190.8 78.9 118.3#
141 474.8 46.2 69.4#

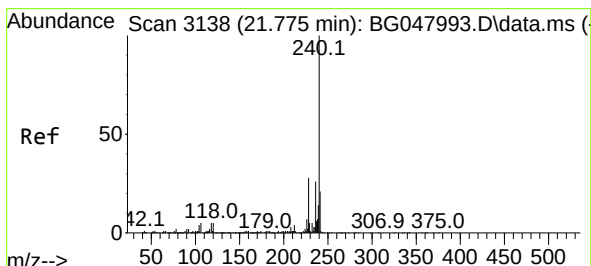
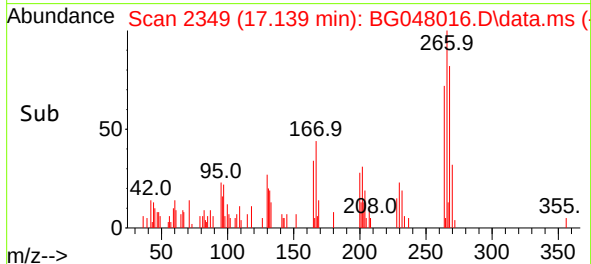
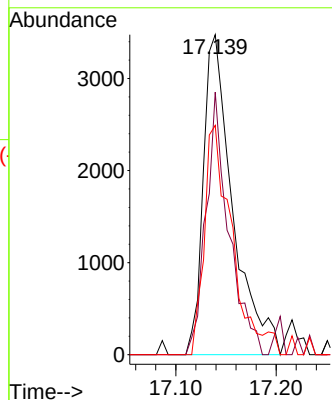
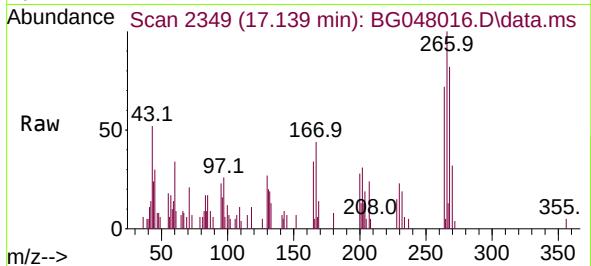




#70
Pentachlorophenol
Concen: 2.29 ng
RT: 17.139 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

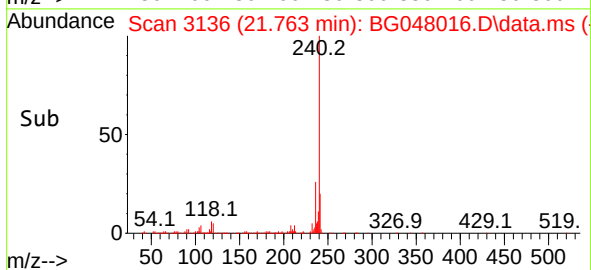
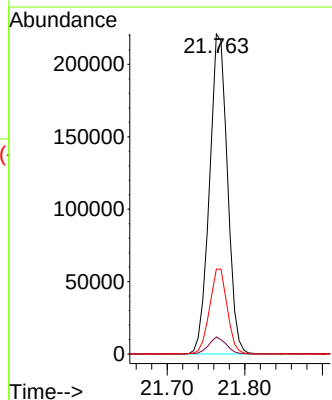
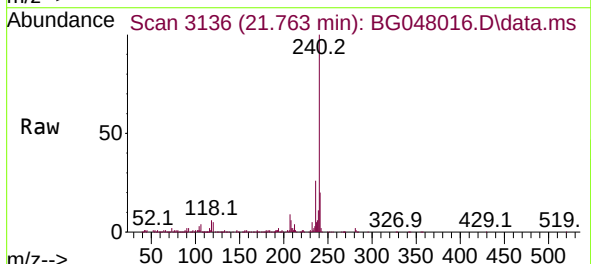
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

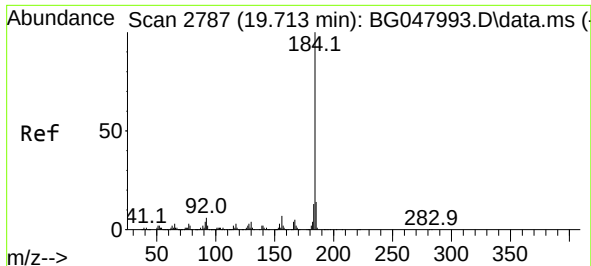
Tgt Ion:266 Resp: 7086
Ion Ratio Lower Upper
266 100
268 82.1 49.8 74.6#
264 71.6 49.3 73.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:240 Resp: 355208
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.5 20.5 30.7

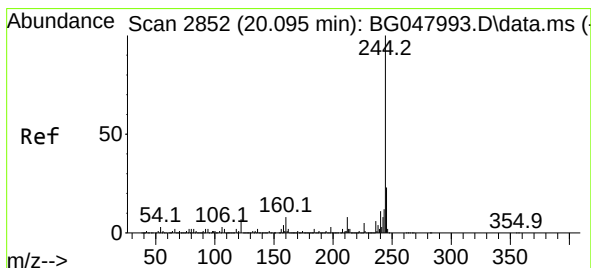
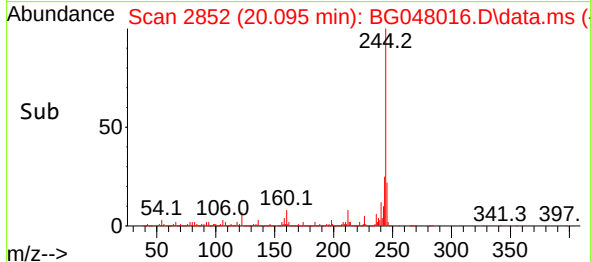
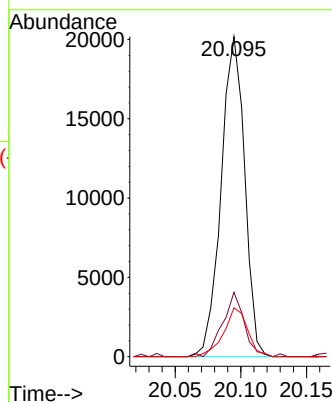
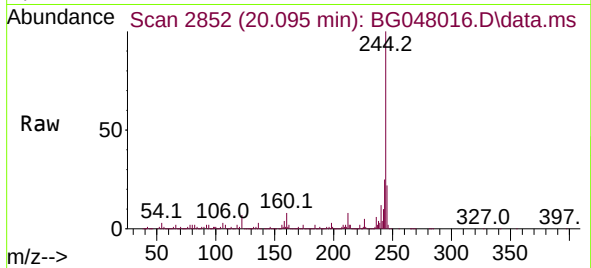




#77
Benzidine
Concen: 2.45 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

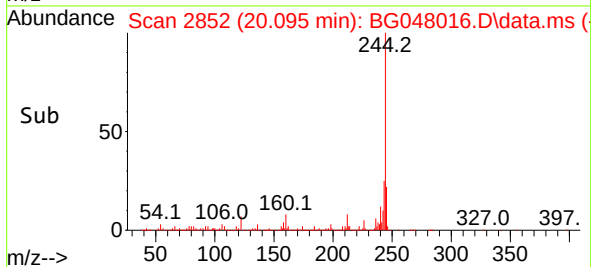
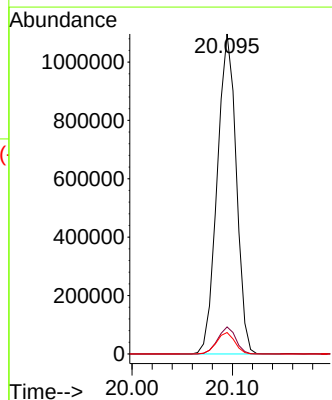
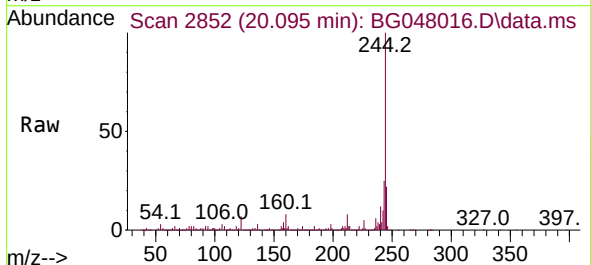
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-SO-012121

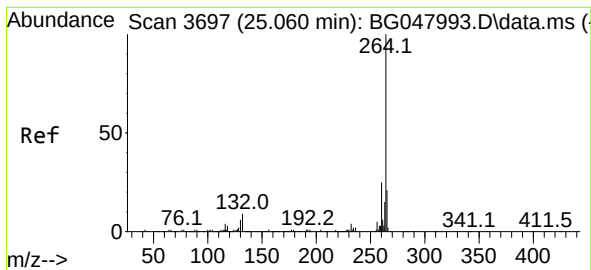
Tgt Ion:184 Resp: 25097
Ion Ratio Lower Upper
184 100
185 20.1 12.4 18.6#
183 15.3 10.6 15.8



#79
Terphenyl-d14
Concen: 70.54 ng
RT: 20.095 min Scan# 2852
Delta R.T. -0.000 min
Lab File: BG048016.D
Acq: 26 Jan 2021 21:15

Tgt Ion:244 Resp: 1445152
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 6.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.054 min Scan# 3696
 Delta R.T. -0.006 min
 Lab File: BG048016.D
 Acq: 26 Jan 2021 21:15

Instrument :
 BNA_G
 ClientSampleId :
 IDW-BR2-SO-012121

Tgt Ion:264 Resp: 351139
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.1 17.8 26.8

