

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
 Data File : BG048315.D
 Acq On : 3 Mar 2021 16:10
 Operator : CG/JU
 Sample : PB134922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134922BL

Quant Time: Mar 03 18:18:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

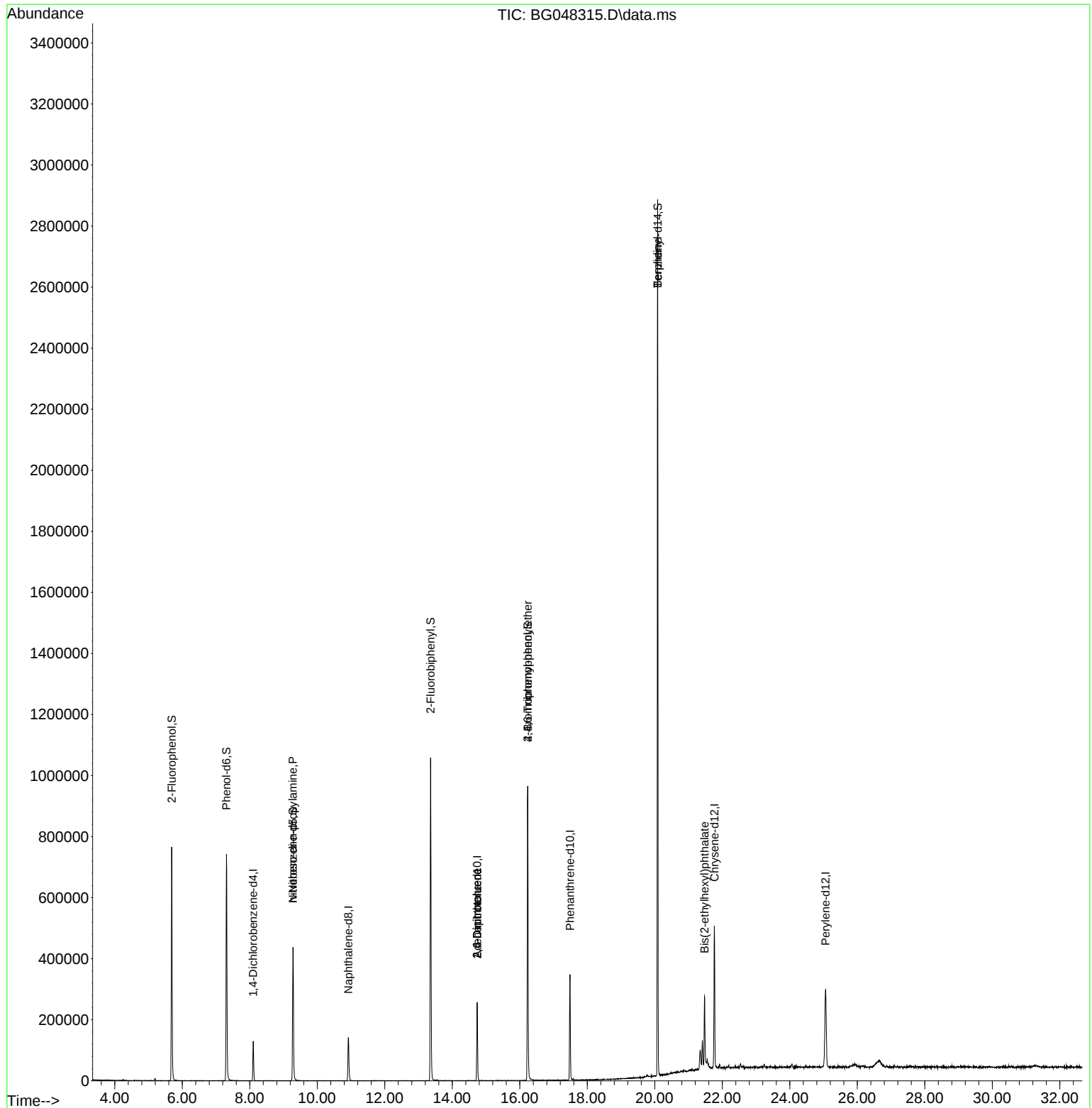
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	33036	20.00	ng	# 0.00
21) Naphthalene-d8	10.925	136	128444	20.00	ng	0.00
39) Acenaphthene-d10	14.738	164	93367	20.00	ng	0.00
64) Phenanthrene-d10	17.488	188	235961	20.00	ng	# 0.00
76) Chrysene-d12	21.765	240	293088	20.00	ng	# 0.00
86) Perylene-d12	25.061	264	283263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	293244	151.10	ng	0.00
7) Phenol-d6	7.312	99	389022	131.93	ng	0.00
23) Nitrobenzene-d5	9.280	82	287205	94.59	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	186293	124.74	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	598166	89.82	ng	0.00
79) Terphenyl-d14	20.085	244	1216946	75.87	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	44699	19.64	ng	# 83
51) 2,6-Dinitrotoluene	14.738	165	12111	6.90	ng	# 34
57) 2,4-Dinitrotoluene	14.738	165	12111	4.78	ng	# 32
67) 4-Bromophenyl-phenylether	16.236	248	13148	4.35	ng	# 1
77) Benzidine	20.085	184	23197	2.42	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.477	149	93358	9.27	ng	# 50

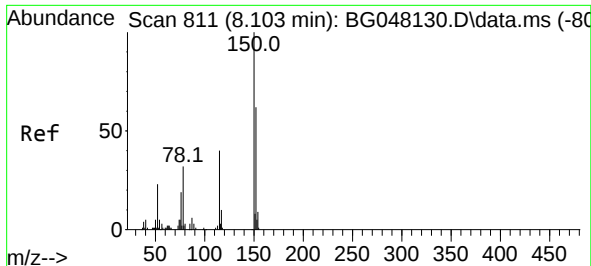
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

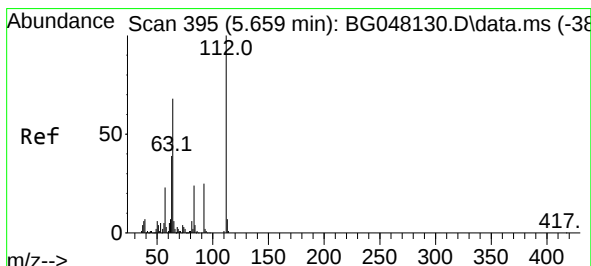
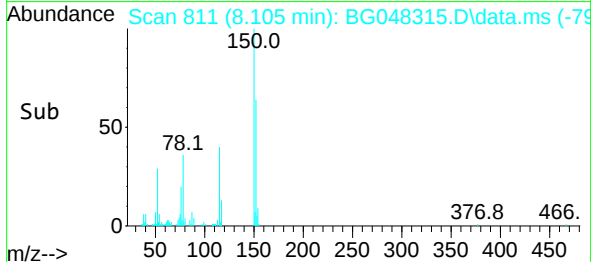
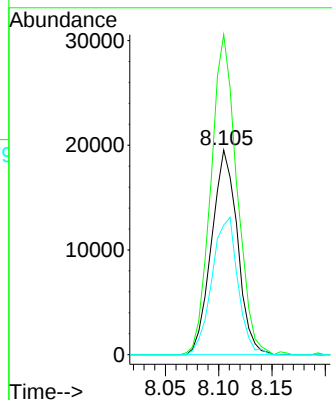
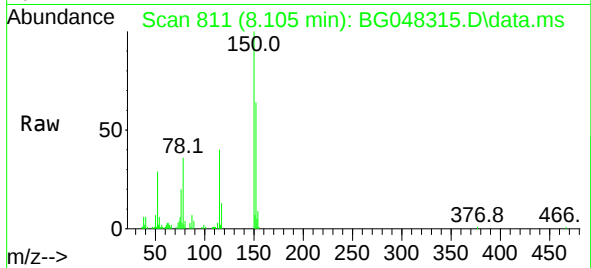




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

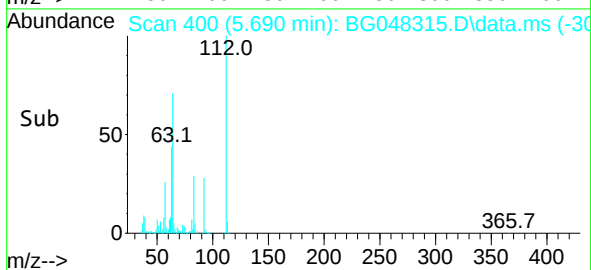
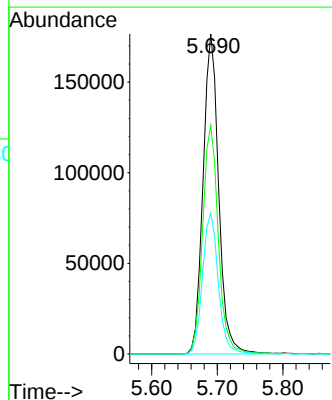
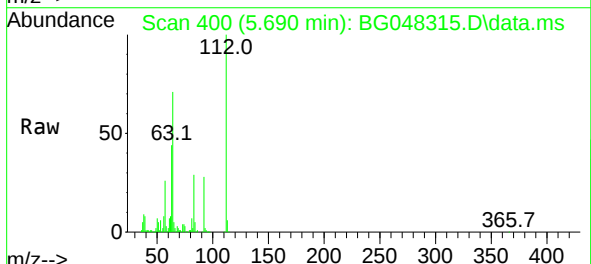
Instrument :
BNA_G
ClientSampleId :
PB134922BL

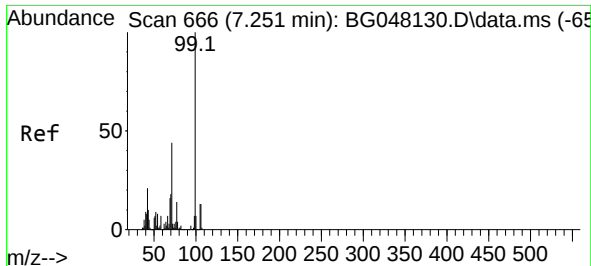
Tgt Ion:152 Resp: 33036
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.6
115 63.3 41.8 62.6#



#5
2-Fluorophenol
Concen: 151.10 ng
RT: 5.690 min Scan# 400
Delta R.T. 0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Tgt Ion:112 Resp: 293244
Ion Ratio Lower Upper
112 100
64 71.3 46.7 70.1#
63 44.1 22.8 34.2#

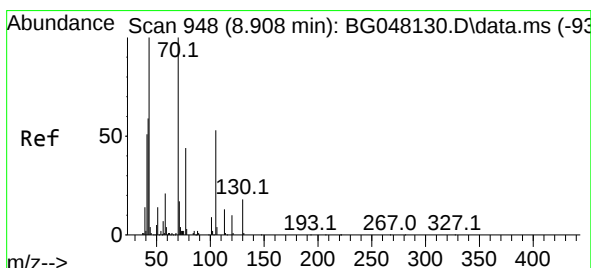
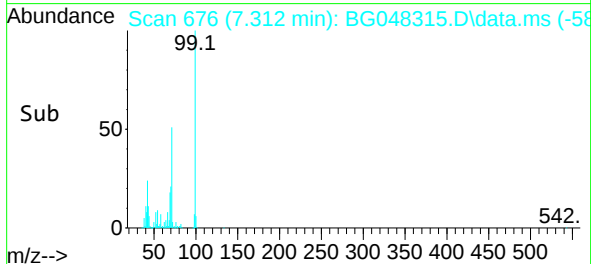
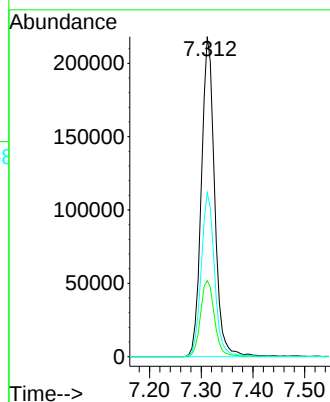
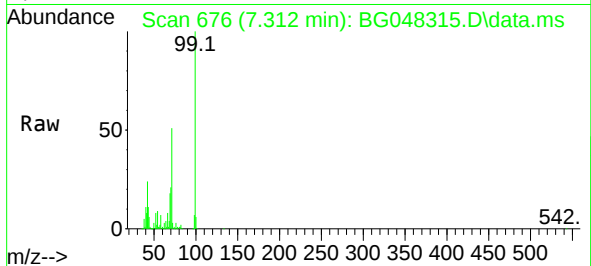




#7
Phenol-d6
Concen: 131.93 ng
RT: 7.312 min Scan# 676
Delta R.T. -0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

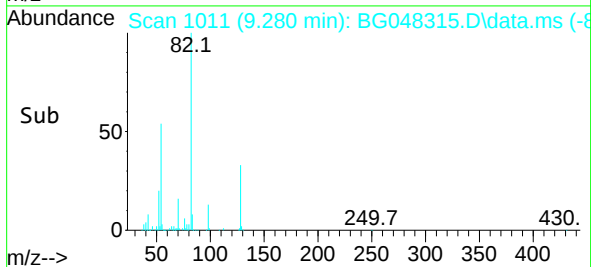
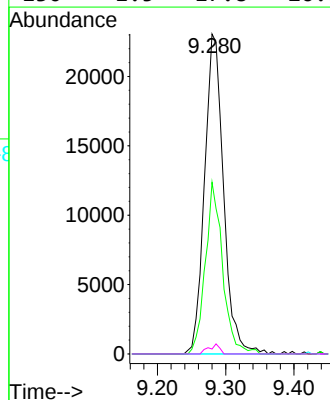
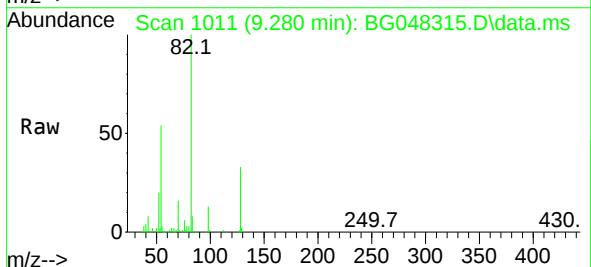
Instrument :
BNA_G
ClientSampleId :
PB134922BL

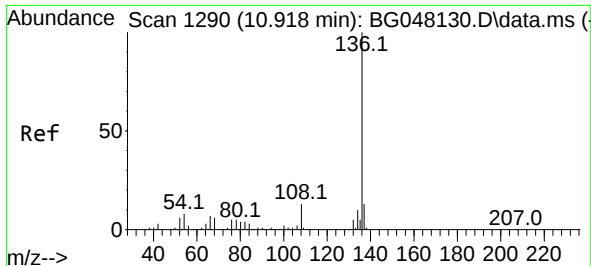
Tgt Ion: 99 Resp: 389022
Ion Ratio Lower Upper
99 100
42 23.7 12.8 19.2#
71 51.3 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.64 ng
RT: 9.280 min Scan# 1011
Delta R.T. 0.361 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Tgt Ion: 70 Resp: 44699
Ion Ratio Lower Upper
70 100
42 53.7 45.6 68.4
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#

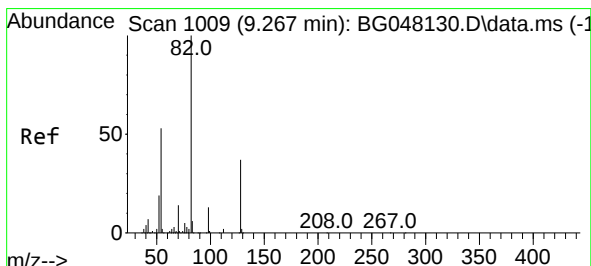
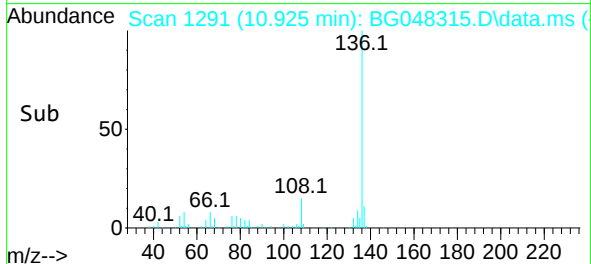
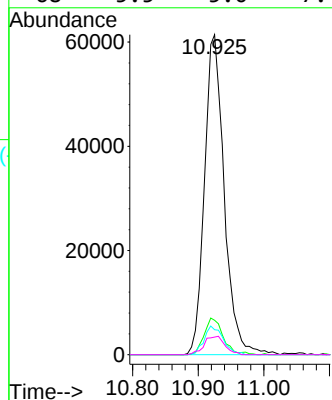
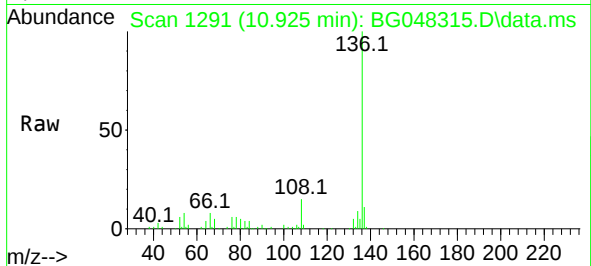




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. 0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

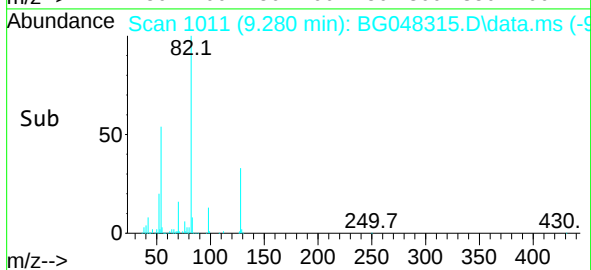
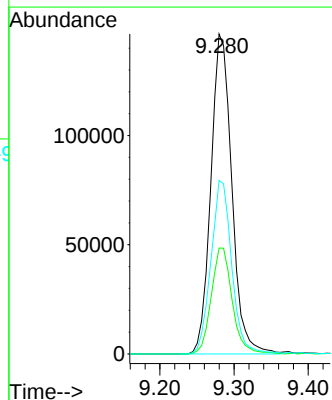
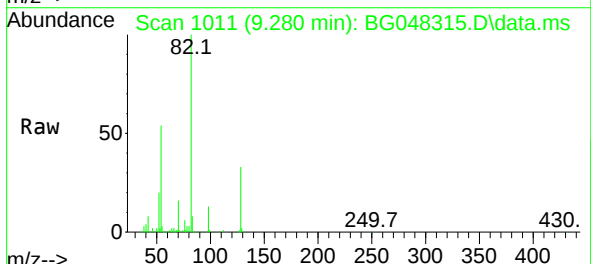
Instrument :
BNA_G
ClientSampleId :
PB134922BL

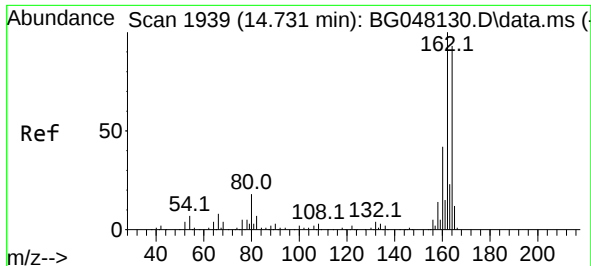
Tgt Ion:136	Resp: 128444
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 7.8	6.2 9.4
68 5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 94.59 ng
RT: 9.280 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

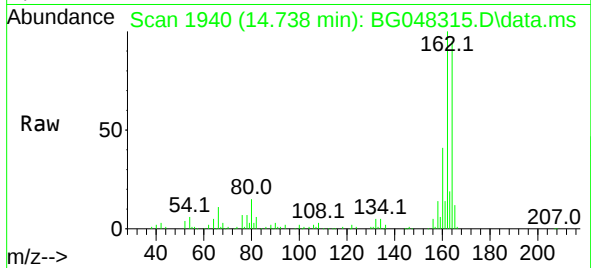
Tgt Ion: 82	Resp: 287205
Ion Ratio	Lower Upper
82 100	
128 33.1	37.0 55.6#
54 54.2	39.0 58.4



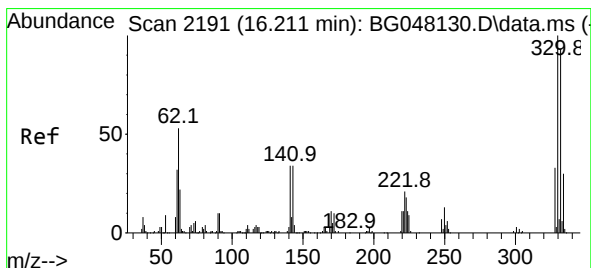
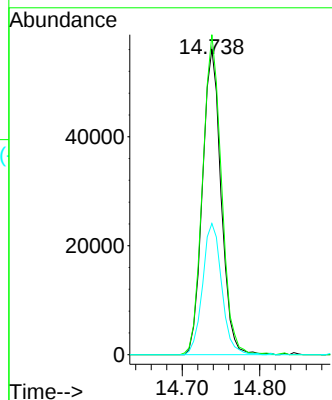
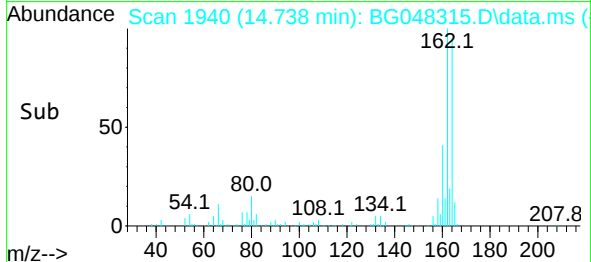


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

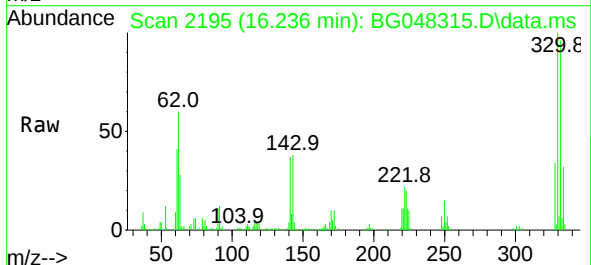
Instrument :
BNA_G
ClientSampleId :
PB134922BL



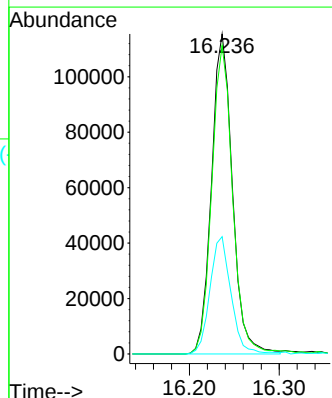
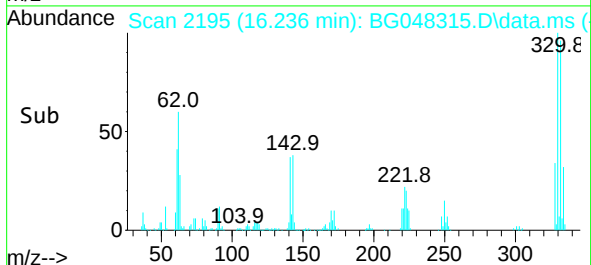
Tgt Ion:164 Resp: 93367
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 42.9 35.3 52.9

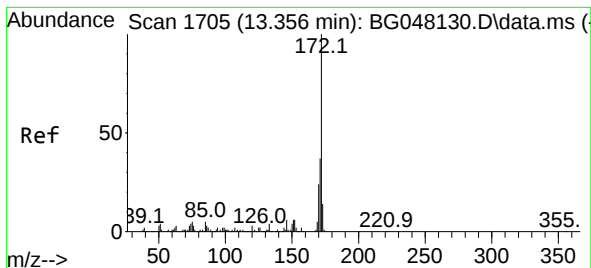


#42
2,4,6-Tribromophenol
Concen: 124.74 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10



Tgt Ion:330 Resp: 186293
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 37.2 26.0 39.0

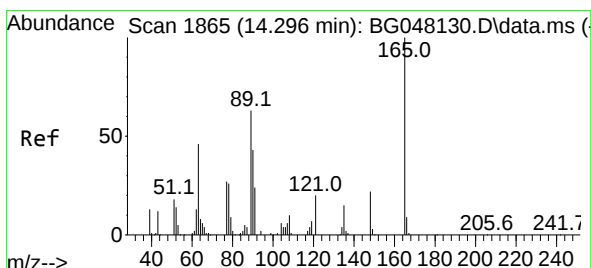
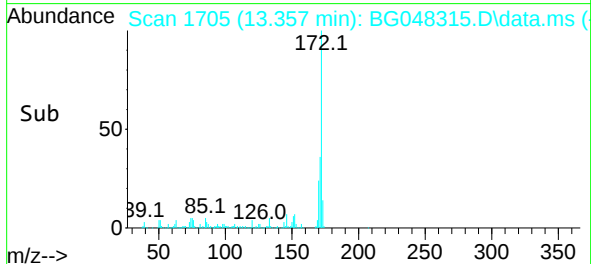
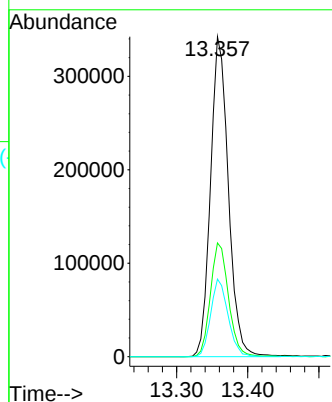
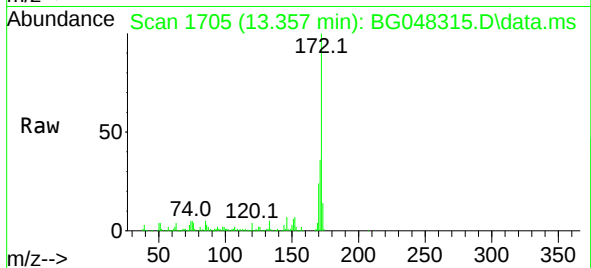




#45
2-Fluorobiphenyl
Concen: 89.82 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

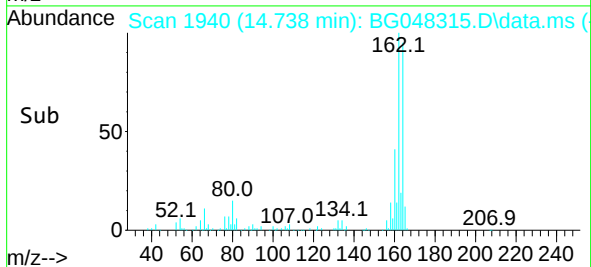
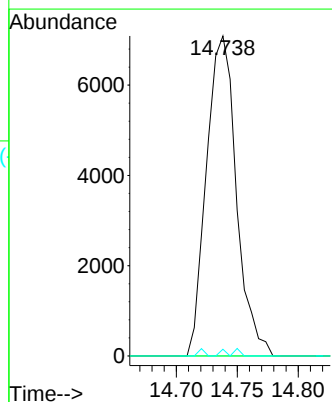
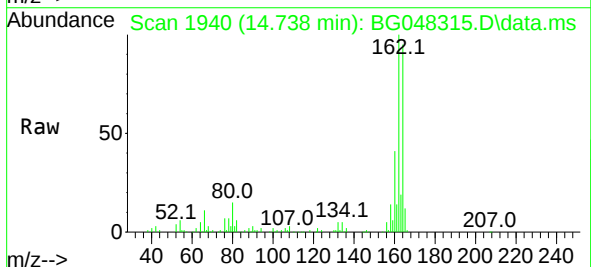
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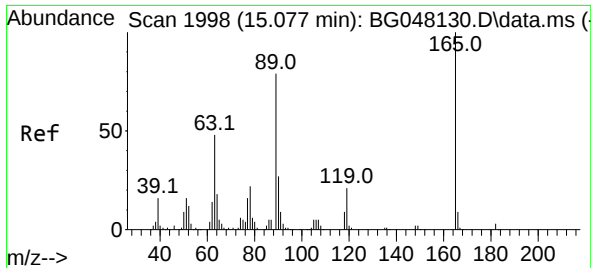
Tgt Ion:172 Resp: 598166
Ion Ratio Lower Upper
172 100
171 35.6 31.3 46.9
170 24.3 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.90 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.414 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Tgt Ion:165 Resp: 12111
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.1 36.6 54.8#

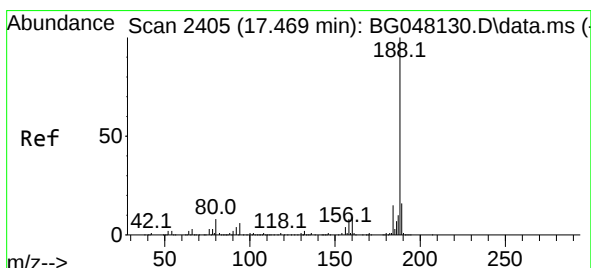
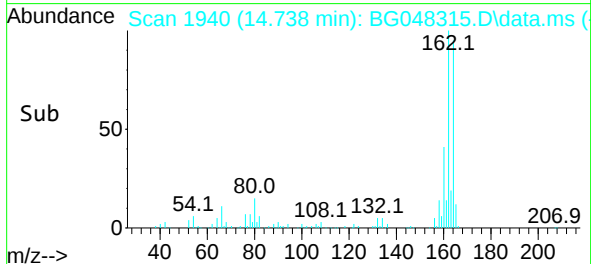
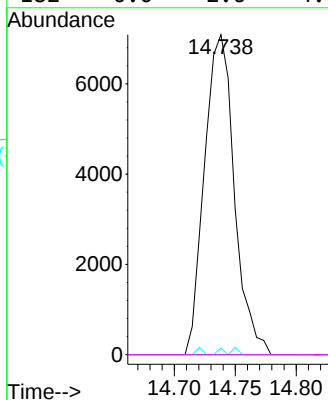
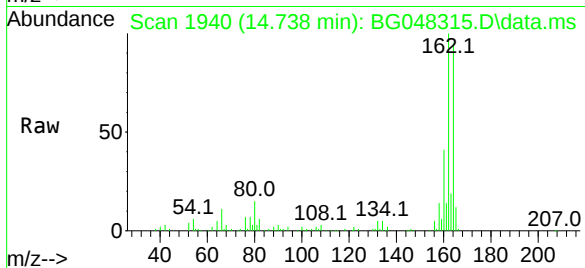




#57
2,4-Dinitrotoluene
Concen: 4.78 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.379 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

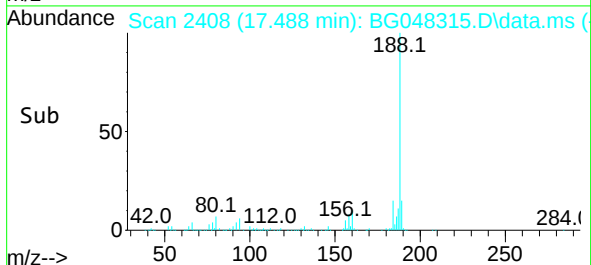
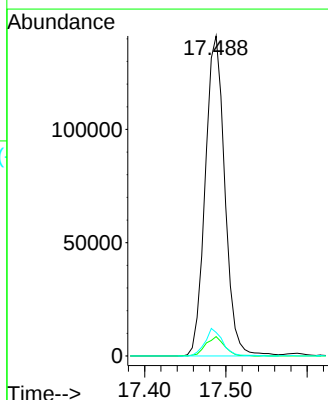
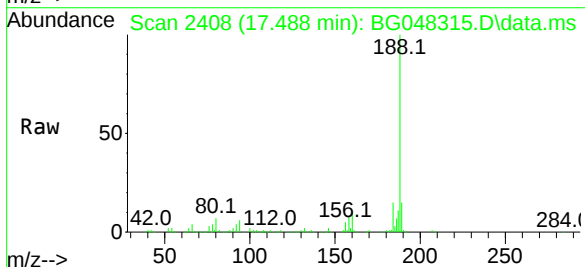
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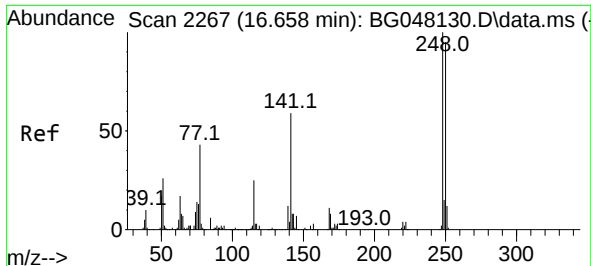
Tgt Ion:165	Resp:	12111
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4
89	2.1	47.8
182	0.0	2.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Tgt Ion:188	Resp:	235961
Ion Ratio	Lower	Upper
188	100	
94	6.0	6.3
80	7.4	7.0

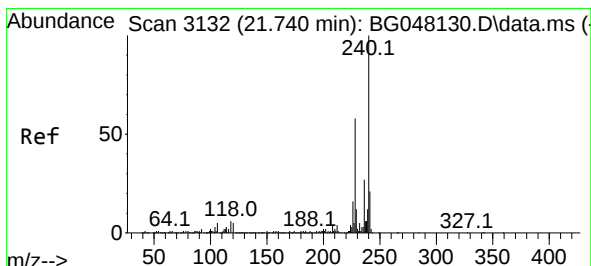
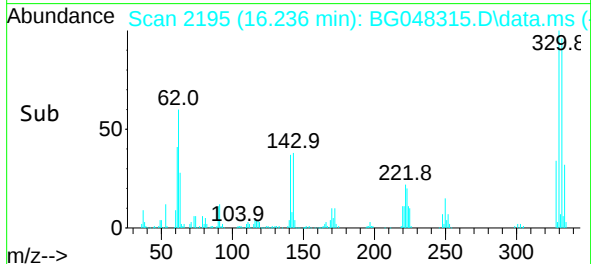
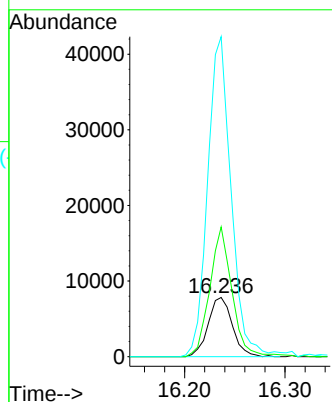
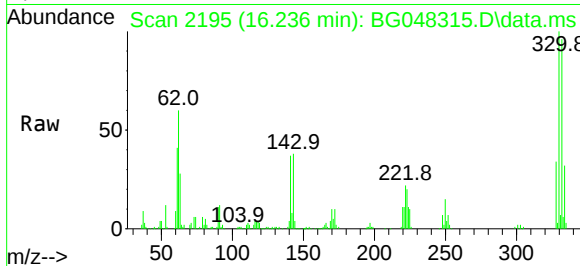




#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.432 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

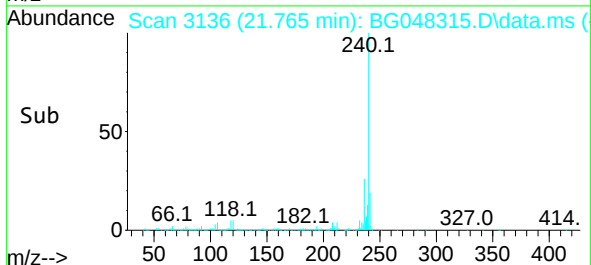
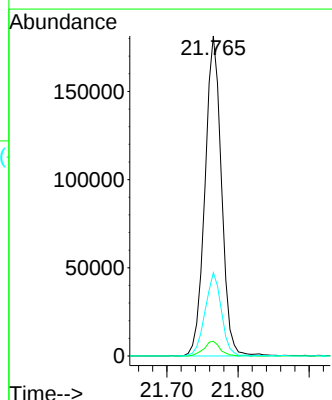
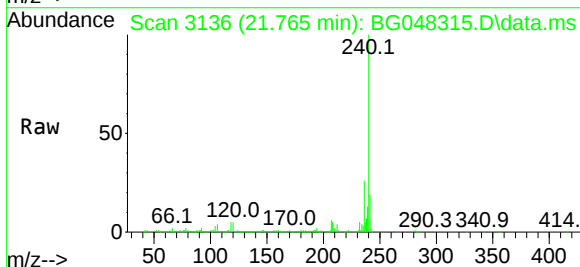
Instrument :
BNA_G
ClientSampleId :
PB134922BL

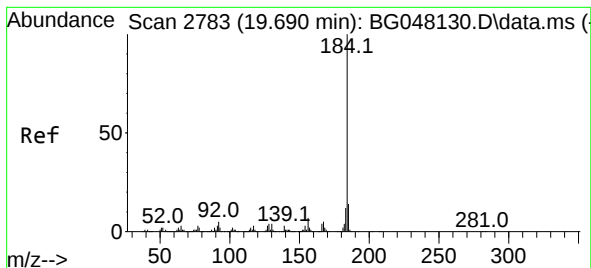
Tgt Ion:248 Resp: 13148
Ion Ratio Lower Upper
248 100
250 219.1 78.9 118.3#
141 540.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Tgt Ion:240 Resp: 293088
Ion Ratio Lower Upper
240 100
120 4.6 6.2 9.4#
236 26.0 20.5 30.7





#77

Benzidine

Concen: 2.42 ng

RT: 20.085 min Scan# 2850

Delta R.T. 0.367 min

Lab File: BG048315.D

Acq: 3 Mar 2021 16:10

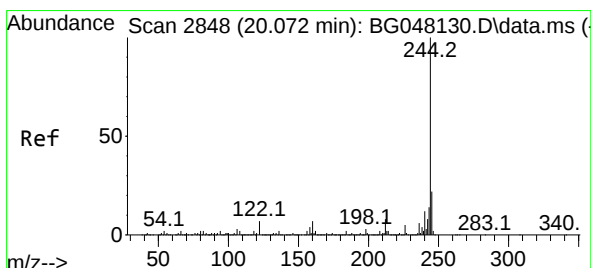
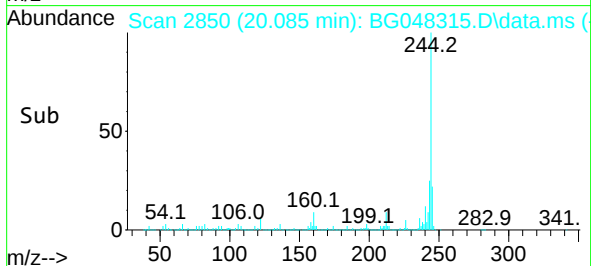
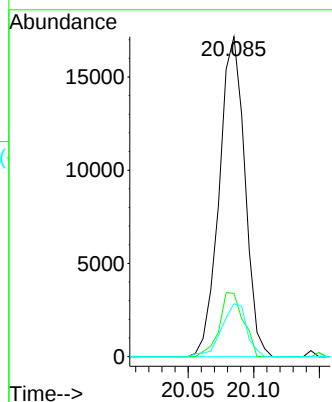
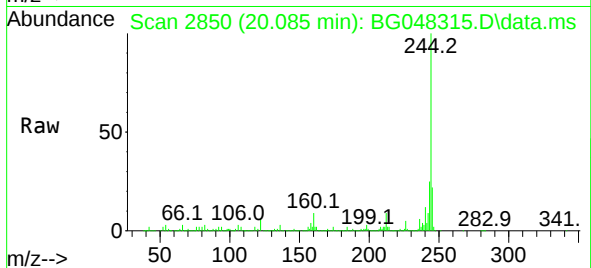
Tgt Ion:184	Resp:	23197
Ion Ratio	Lower	Upper
184	100	
185	19.8	12.4 18.6#
183	16.5	10.6 15.8#

Instrument :

BNA_G

ClientSampleId :

PB134922BL



#79

Terphenyl-d14

Concen: 75.87 ng

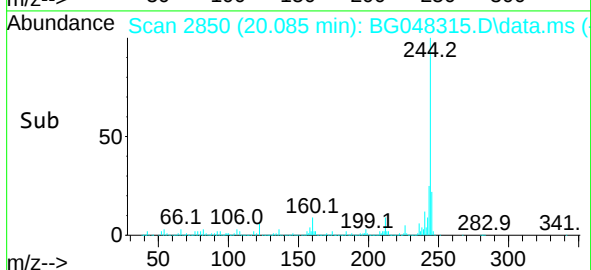
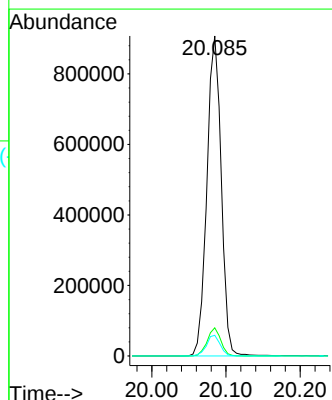
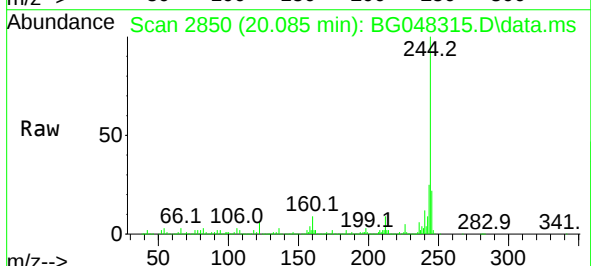
RT: 20.085 min Scan# 2850

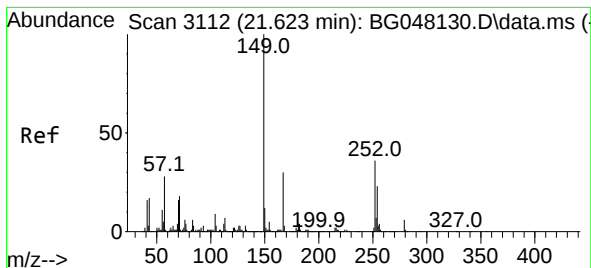
Delta R.T. 0.003 min

Lab File: BG048315.D

Acq: 3 Mar 2021 16:10

Tgt Ion:244	Resp:	1216946
Ion Ratio	Lower	Upper
244	100	
212	8.8	6.7 10.1
122	6.5	7.8 11.6#

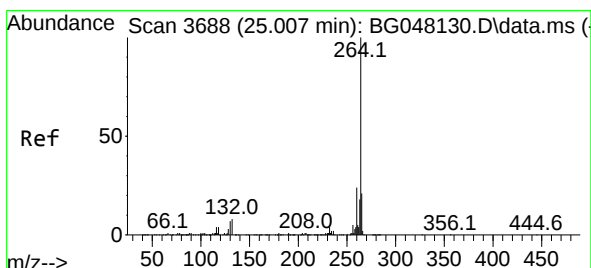
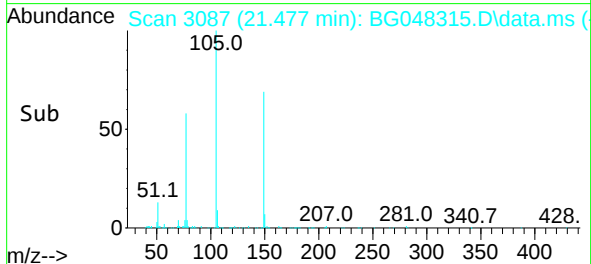
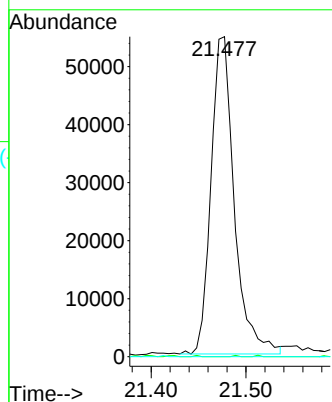
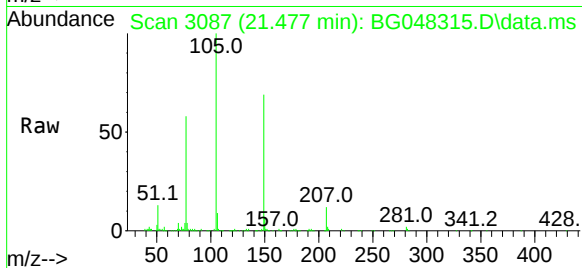




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.27 ng
RT: 21.477 min Scan# 3087
Delta R.T. -0.150 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Instrument :
BNA_G
ClientSampleId :
PB134922BL

Tgt Ion:149 Resp: 93358
Ion Ratio Lower Upper
149 100
167 0.0 24.8 37.2#
279 0.0 4.6 7.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.061 min Scan# 3697
Delta R.T. -0.003 min
Lab File: BG048315.D
Acq: 3 Mar 2021 16:10

Tgt Ion:264 Resp: 283263
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.6 17.8 26.8

