

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047305.D
 Acq On : 12 Nov 2020 7:34
 Operator : CG/JU
 Sample : L4701-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 08:13:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

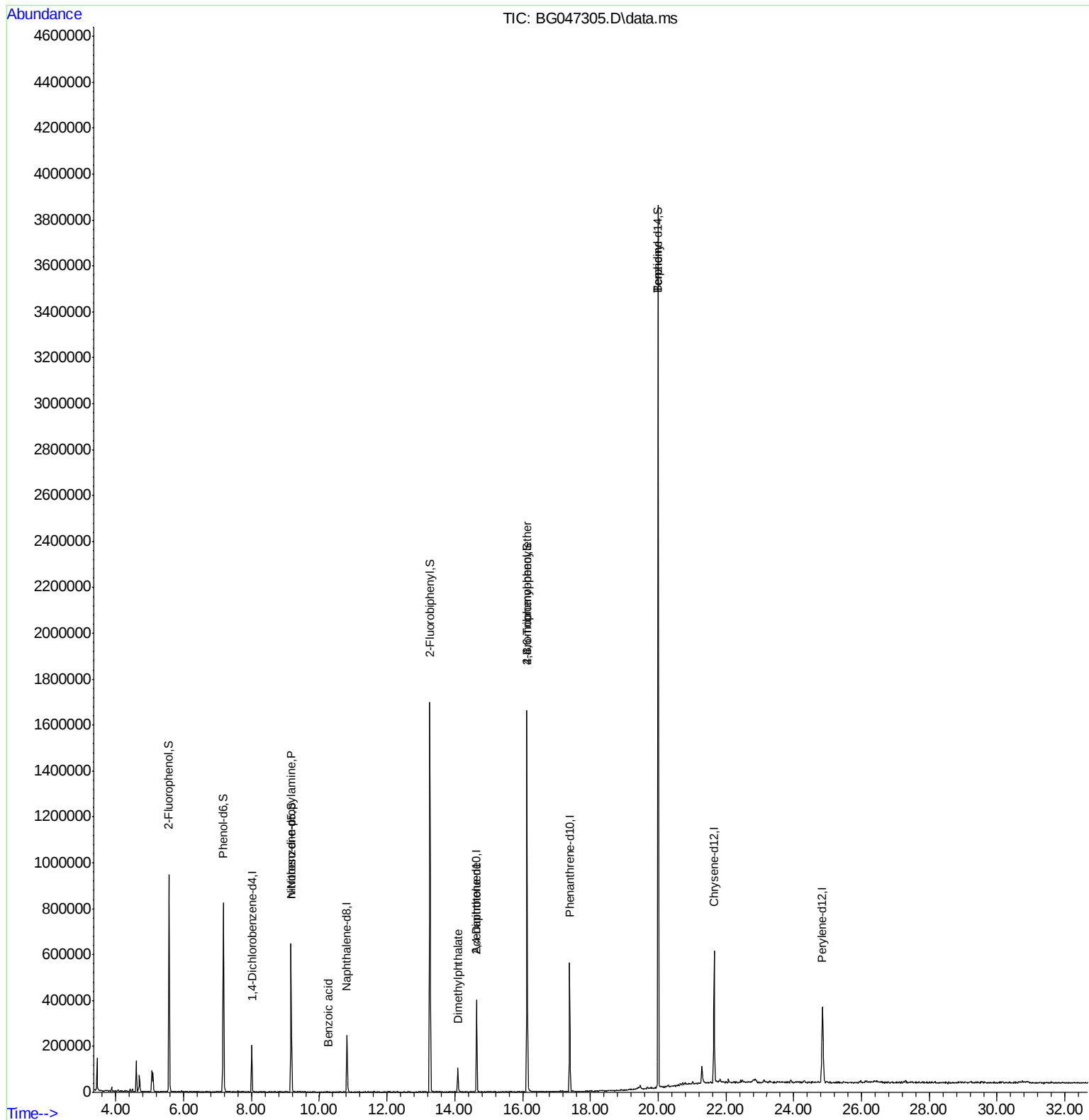
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	53316	20.00	ng	0.00
21) Naphthalene-d8	10.814	136	205251	20.00	ng	0.00
39) Acenaphthene-d10	14.645	164	142580	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	353664	20.00	ng	# 0.00
76) Chrysene-d12	21.649	240	367963	20.00	ng	# 0.00
86) Perylene-d12	24.845	264	368455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	359569	109.32	ng	0.00
7) Phenol-d6	7.171	99	430158	90.34	ng	0.01
23) Nitrobenzene-d5	9.169	82	386693	80.85	ng	0.00
42) 2,4,6-Tribromophenol	16.131	330	325956	136.52	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	864709	77.78	ng	0.00
79) Terphenyl-d14	19.998	244	1630072	77.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.169	70	57198	18.28	ng	# 74
32) Benzoic acid	10.262	122	53	4.77	ng	# 84
50) Dimethylphthalate	14.087	163	71220	5.66	ng	98
57) 2,4-Dinitrotoluene	14.645	165	18814	4.93	ng	# 34
67) 4-Bromophenyl-phenylether	16.131	248	21784	4.41	ng	# 1
77) Benzdine	19.998	184	27722	2.25	ng	# 94

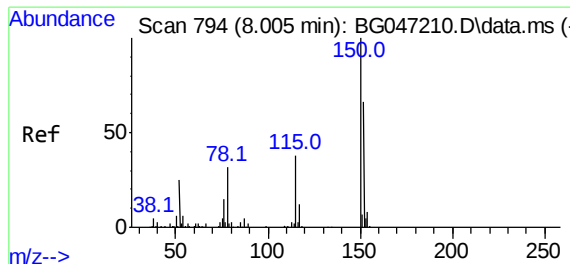
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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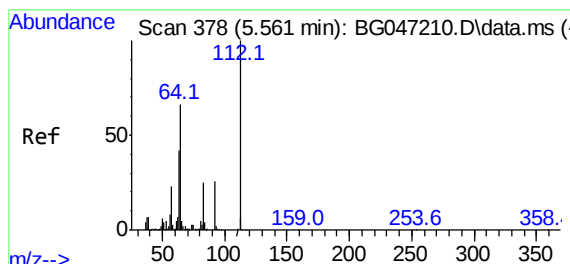
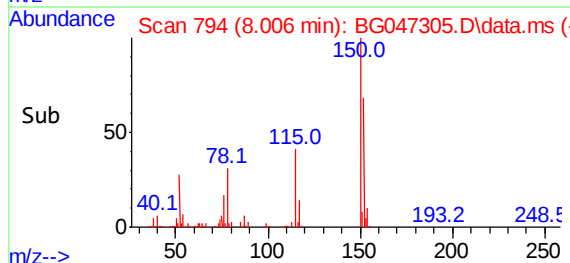
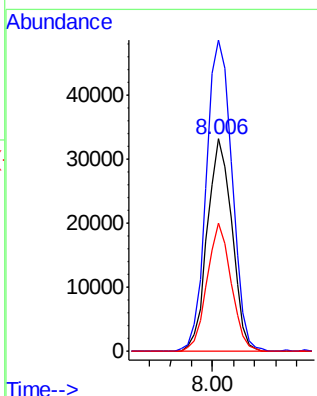
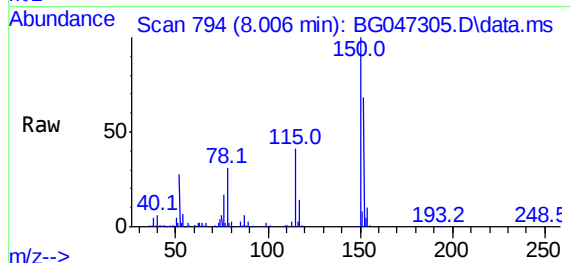




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

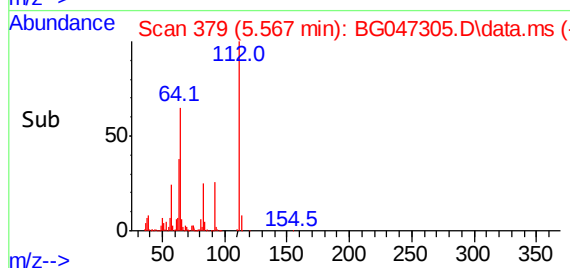
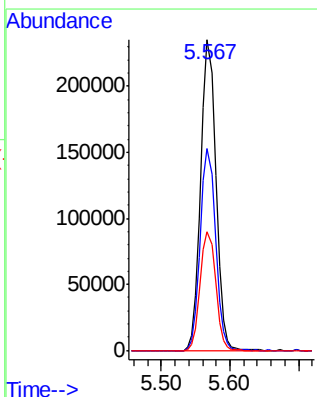
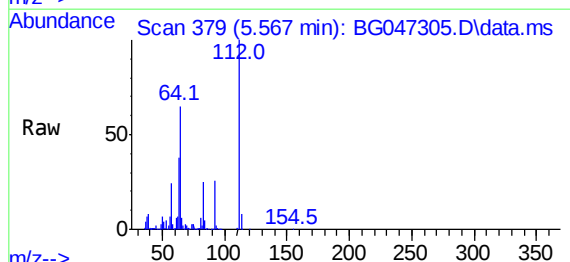
Instrument :
BNA_G
ClientSampleId :

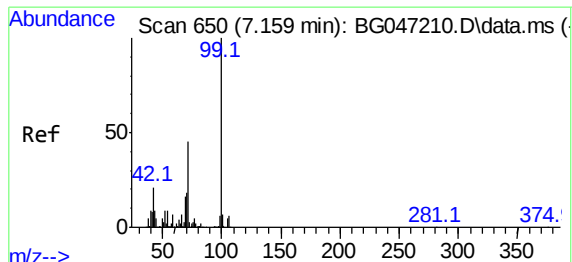
Tgt Ion:152 Resp: 53316
Ion Ratio Lower Upper
152 100
150 146.8 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 109.32 ng
RT: 5.567 min Scan# 379
Delta R.T. 0.007 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion:112 Resp: 359569
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 38.3 22.8 34.2#

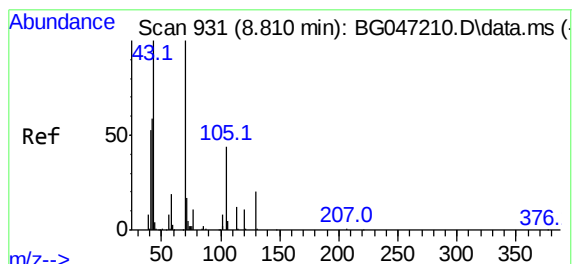
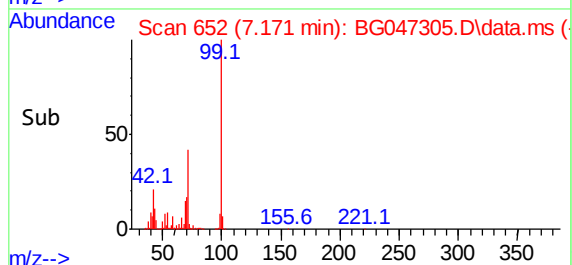
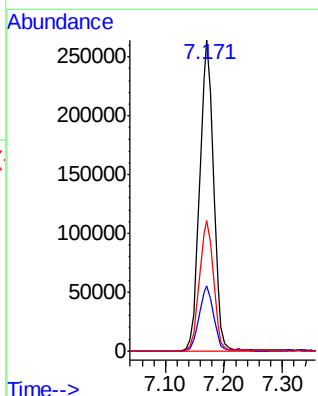
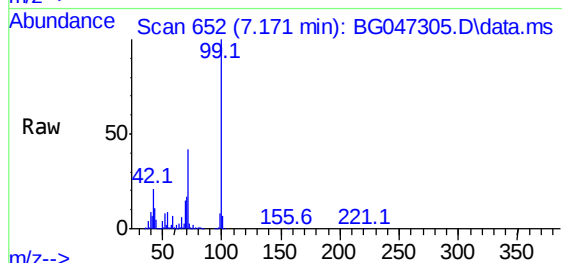




#7
Phenol-d6
Concen: 90.34 ng
RT: 7.171 min Scan# 652
Delta R.T. 0.012 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

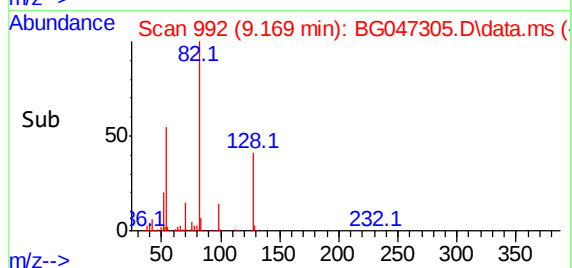
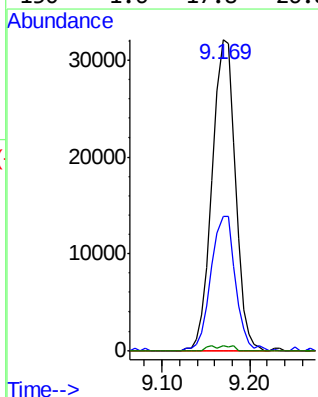
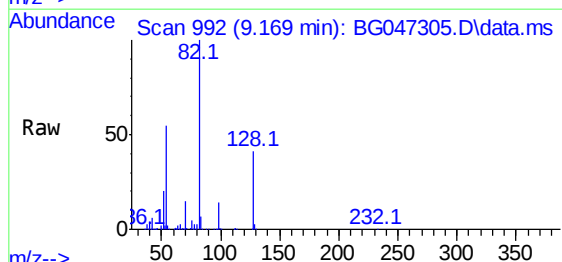
Instrument :
BNA_G
ClientSampleId :

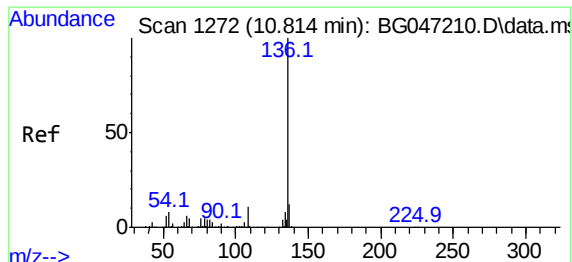
Tgt Ion: 99 Resp: 430158
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 41.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.359 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion: 70 Resp: 57198
Ion Ratio Lower Upper
70 100
42 43.0 45.6 68.4#
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#



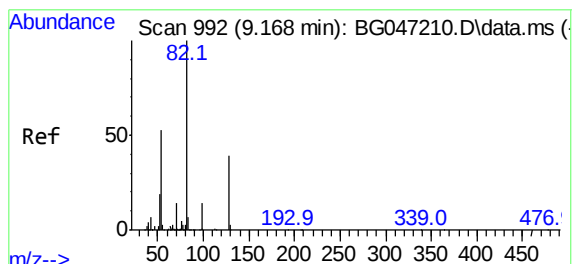
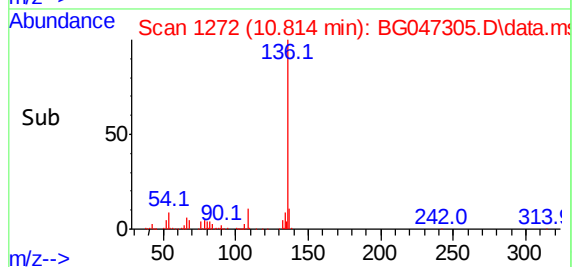
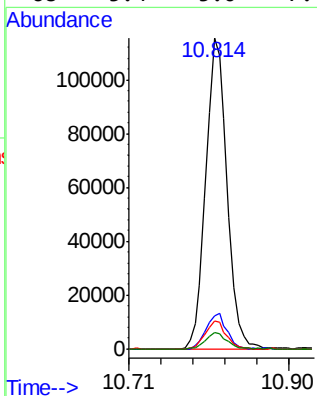
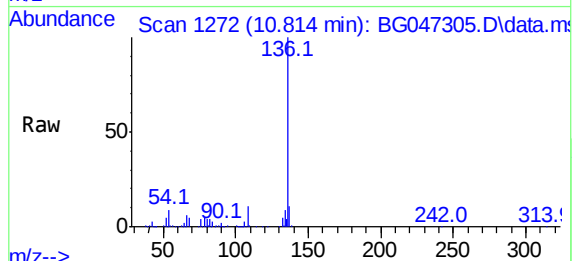


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.814 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 205251

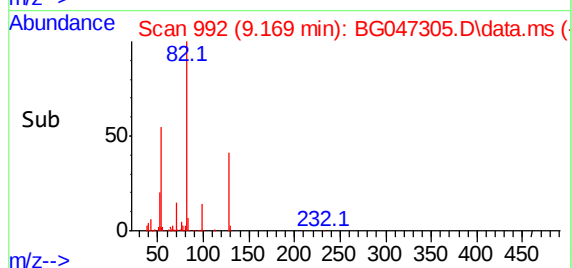
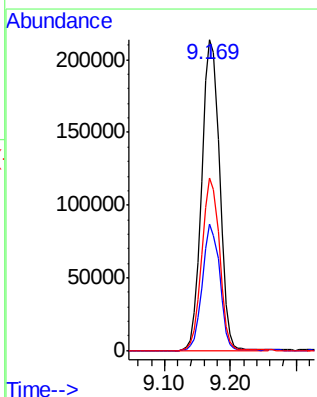
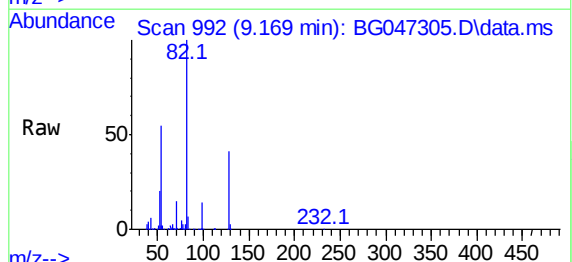
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.0	6.2	9.4
68	5.4	5.0	7.4

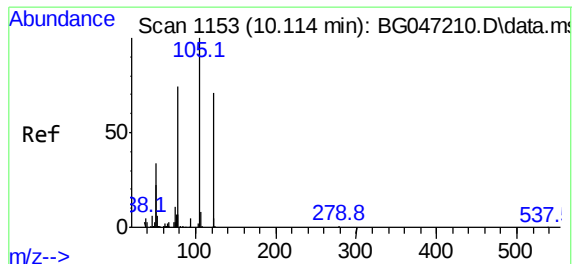


#23
Nitrobenzene-d5
Concen: 80.85 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion: 82 Resp: 386693

Ion	Ratio	Lower	Upper
82	100		
128	40.7	37.0	55.6
54	55.3	39.0	58.4

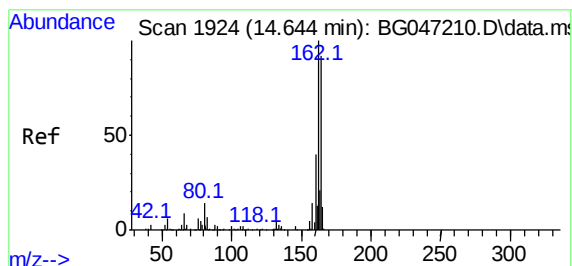
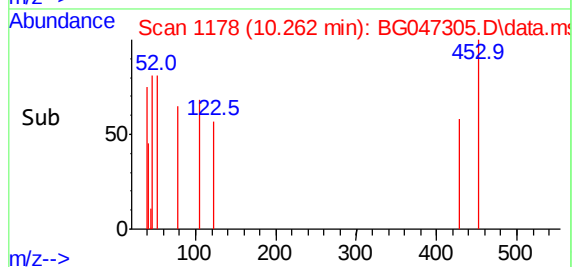
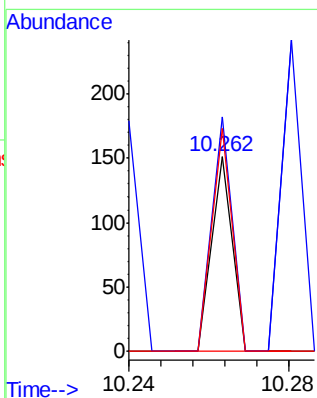
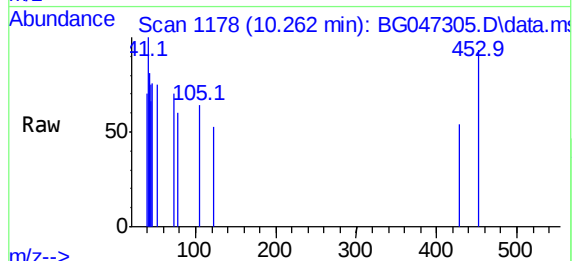




#32
Benzoic acid
Concen: 4.77 ng
RT: 10.262 min Scan# 1178
Delta R.T. 0.148 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

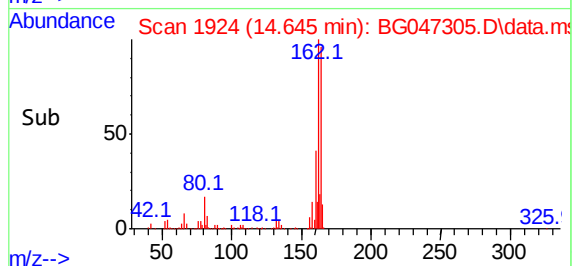
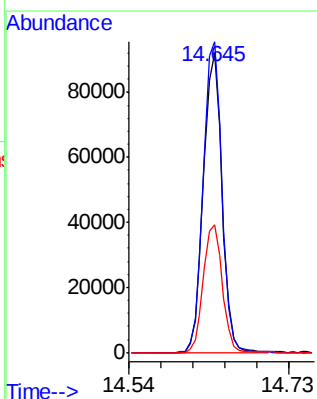
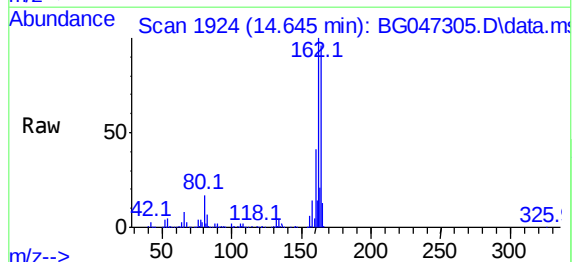
Instrument :
BNA_G
ClientSampleId :

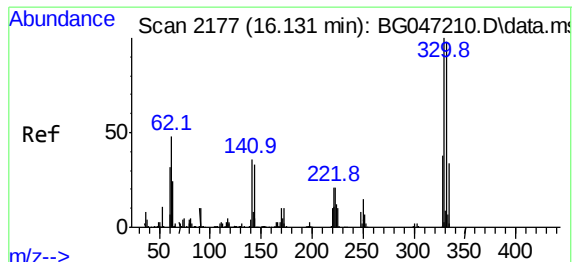
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 120.5 103.7 143.7
77 114.6 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion:164 Resp: 142580
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 42.5 35.3 52.9

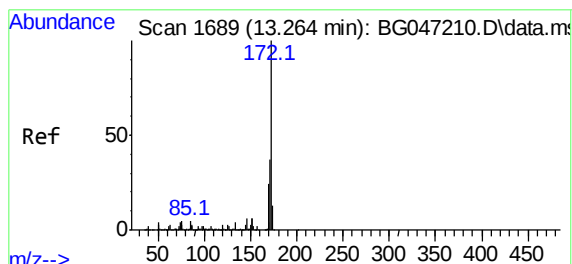
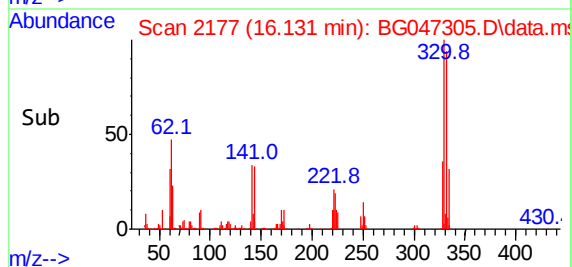
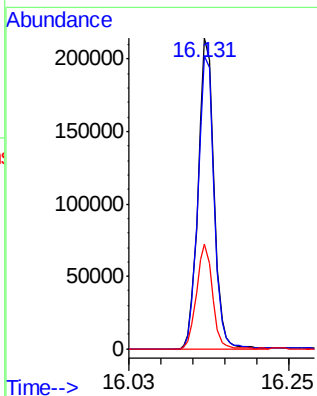
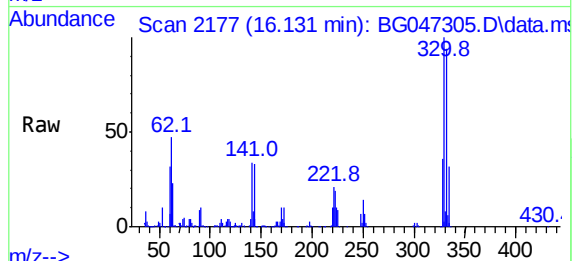




#42
2,4,6-Tribromophenol
Concen: 136.52 ng
RT: 16.131 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

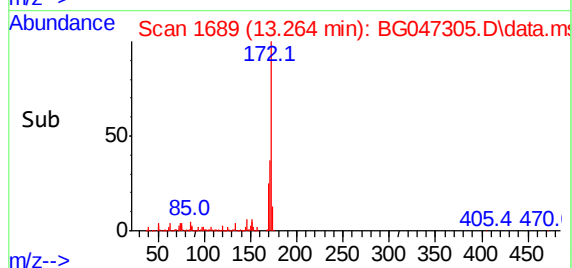
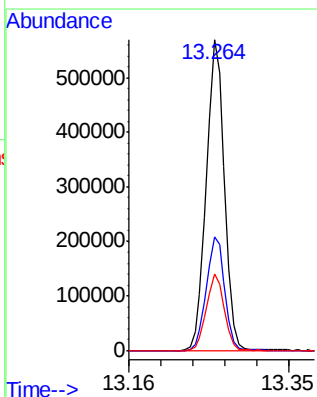
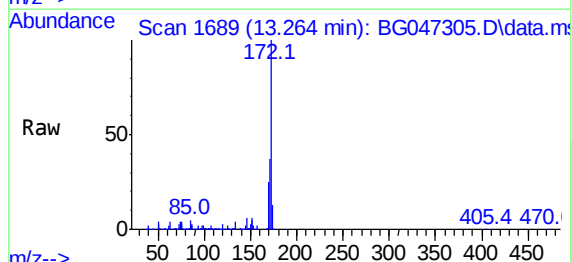
Instrument :
BNA_G
ClientSampleId :

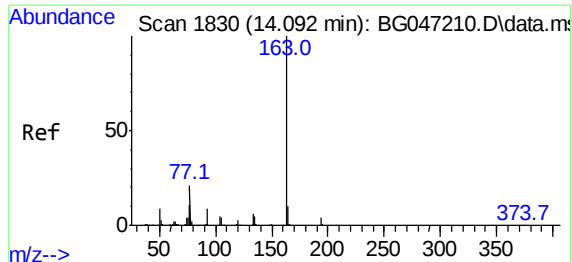
Tgt Ion:330 Resp: 325956
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 33.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 77.78 ng
RT: 13.264 min Scan# 1689
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

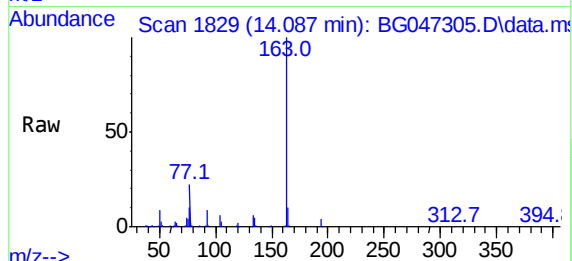
Tgt Ion:172 Resp: 864709
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 24.8 20.8 31.2





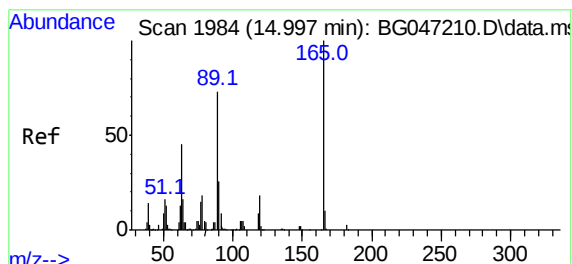
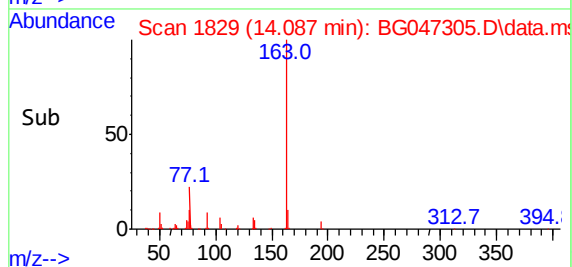
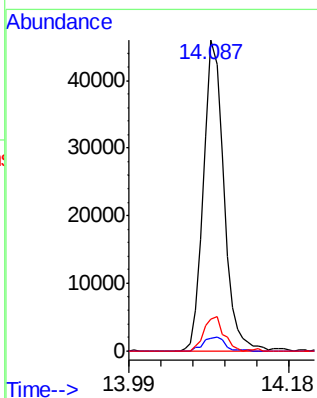
#50
Dimethylphthalate
Concen: 5.66 ng
RT: 14.087 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:163 Resp: 71220

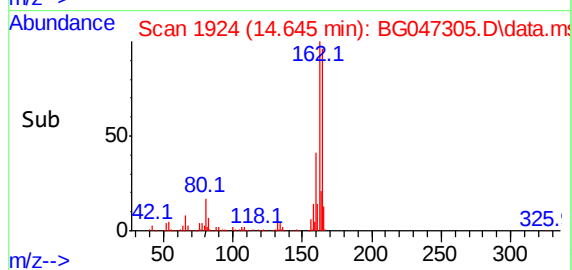
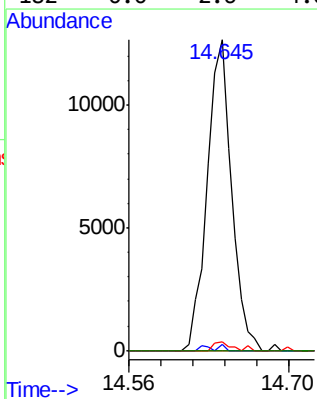
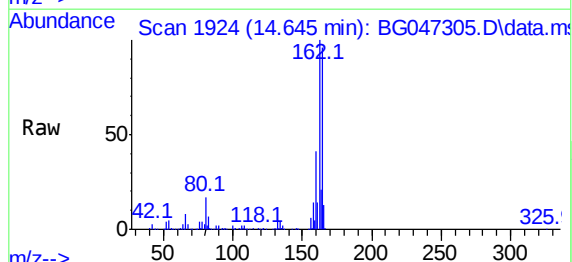
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.8
164	10.1	8.8	13.2

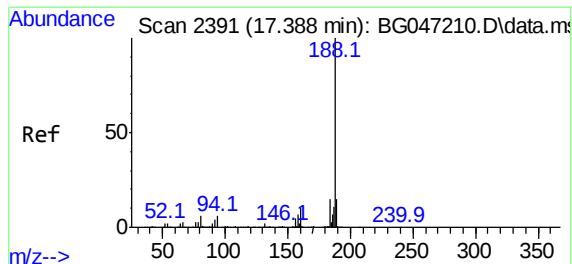


#57
2,4-Dinitrotoluene
Concen: 4.93 ng
RT: 14.645 min Scan# 1924
Delta R.T. -0.352 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion:165 Resp: 18814

Ion	Ratio	Lower	Upper
165	100		
63	2.2	26.4	39.6#
89	2.8	47.8	71.8#
182	0.0	2.6	4.0#

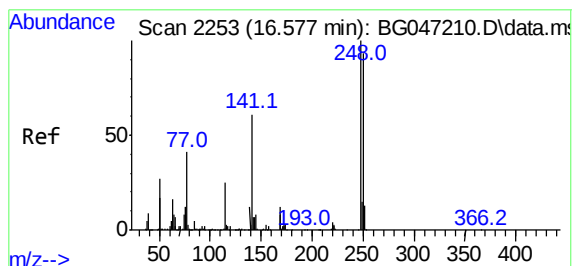
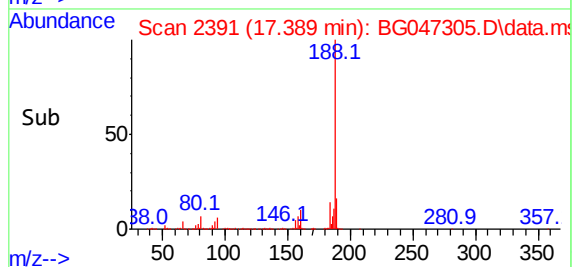
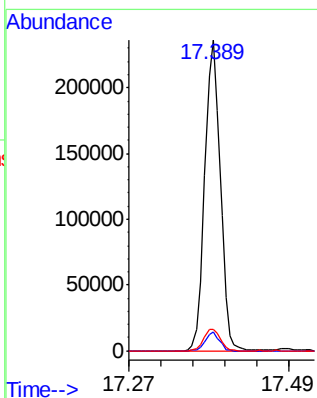
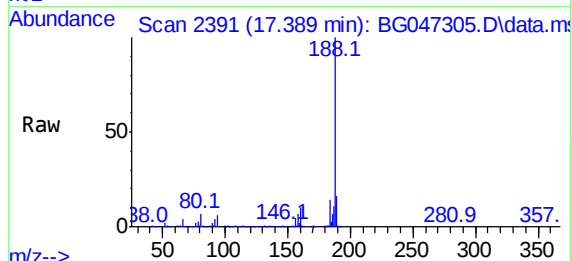




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

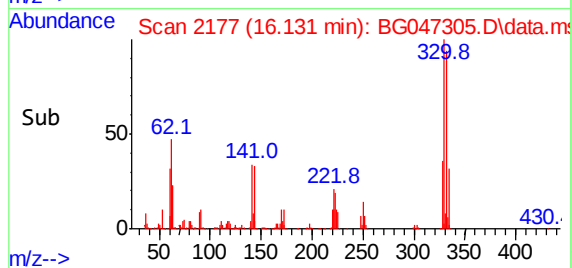
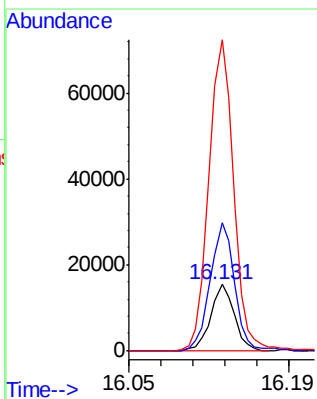
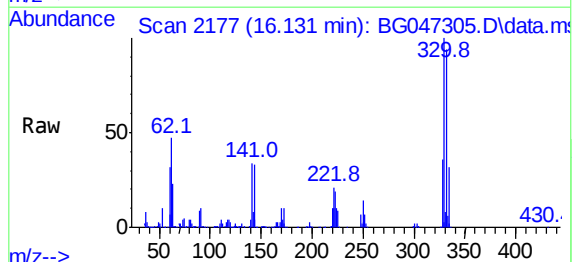
Instrument :
BNA_G
ClientSampleId :

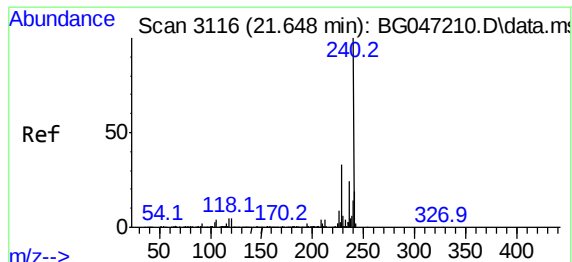
Tgt Ion:188 Resp: 353664
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 6.9 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 16.131 min Scan# 2177
Delta R.T. -0.446 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion:248 Resp: 21784
Ion Ratio Lower Upper
248 100
250 193.4 78.9 118.3#
141 470.3 46.2 69.4#

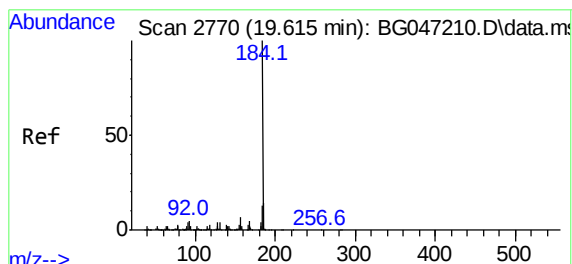
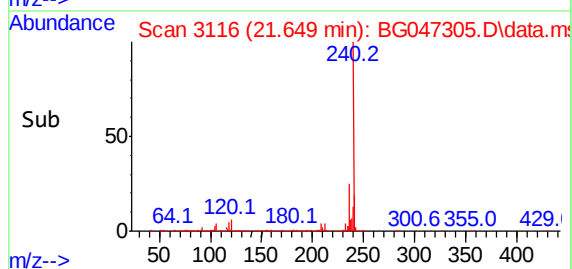
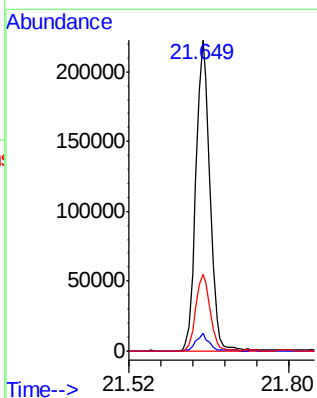
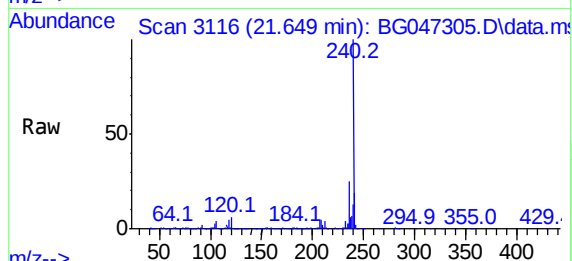




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.649 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

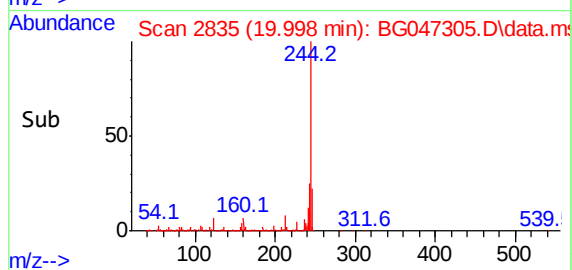
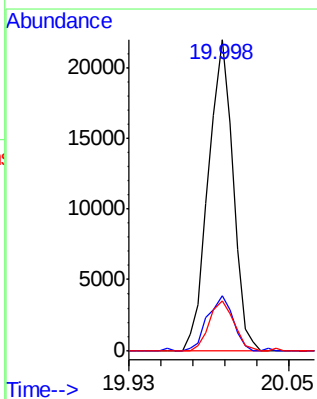
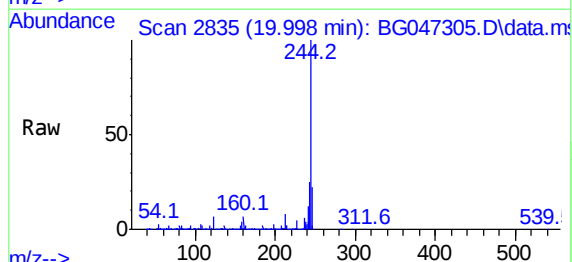
Instrument :
BNA_G
ClientSampleId :

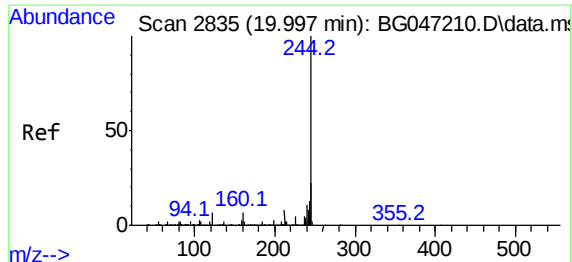
Tgt Ion:240 Resp: 367963
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 24.6 20.5 30.7



#77
Benzidine
Concen: 2.25 ng
RT: 19.998 min Scan# 2835
Delta R.T. 0.383 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion:184 Resp: 27722
Ion Ratio Lower Upper
184 100
185 17.7 12.4 18.6
183 15.9 10.6 15.8#

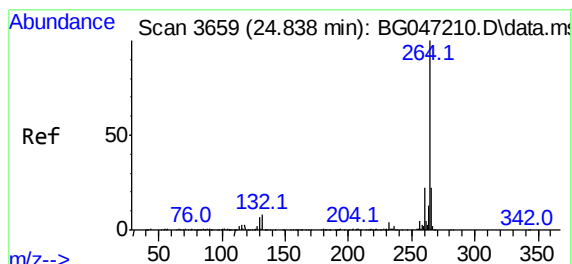
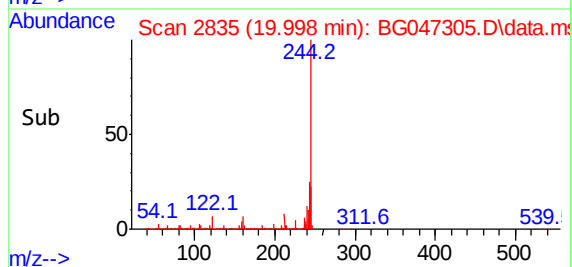
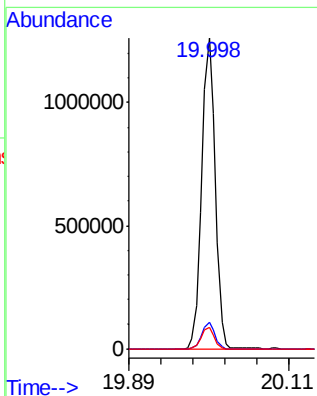
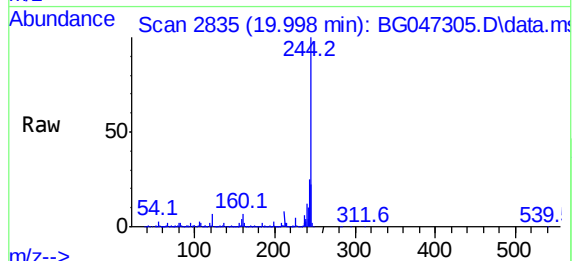




#79
Terphenyl-d14
Concen: 77.90 ng
RT: 19.998 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1630072
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 6.9 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.845 min Scan# 3660
Delta R.T. 0.007 min
Lab File: BG047305.D
Acq: 12 Nov 2020 7:34

Tgt Ion:264 Resp: 368455
Ion Ratio Lower Upper
264 100
260 26.2 18.8 28.2
265 21.6 17.8 26.8

