

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047304.D
 Acq On : 12 Nov 2020 6:54
 Operator : CG/JU
 Sample : L4701-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 08:10:14 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)

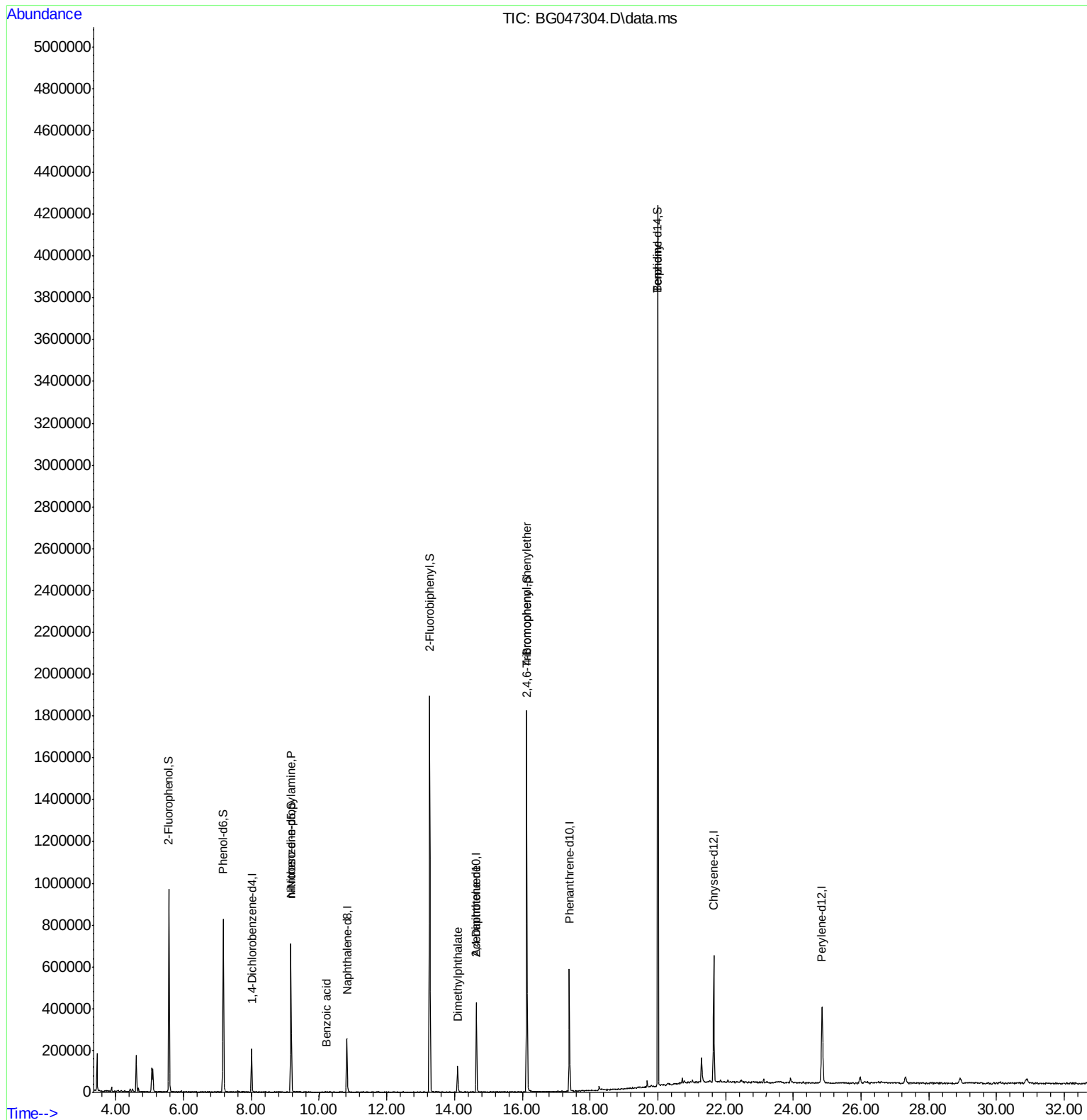
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	55579	20.00	ng	0.00
21) Naphthalene-d8	10.820	136	217511	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	156339	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	378591	20.00	ng	# 0.00
76) Chrysene-d12	21.648	240	382428	20.00	ng	# 0.00
86) Perylene-d12	24.844	264	393485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	372064	108.51	ng	0.00
7) Phenol-d6	7.171	99	433878	87.41	ng	0.01
23) Nitrobenzene-d5	9.169	82	422172	83.30	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	369865	141.28	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	976551	80.11	ng	0.00
79) Terphenyl-d14	19.997	244	1798480	82.70	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.175	70	61782	18.94	ng	# 75
32) Benzoic acid	10.203	122	69	4.77	ng	# 32
50) Dimethylphthalate	14.086	163	85230	6.17	ng	97
57) 2,4-Dinitrotoluene	14.645	165	20009	4.79	ng	# 32
67) 4-Bromophenyl-phenylether	16.131	248	24636	4.66	ng	# 1
77) Benzdine	19.997	184	33136	2.58	ng	97

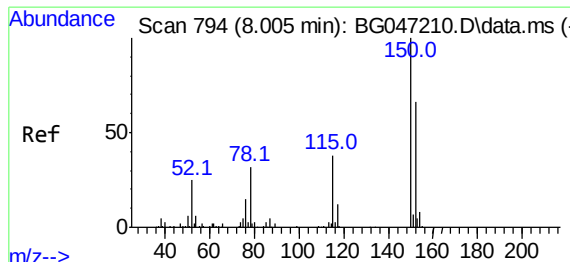
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 12 08:10:14 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

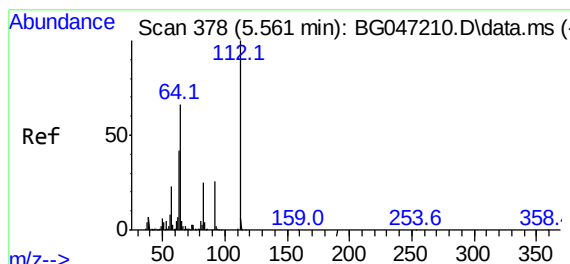
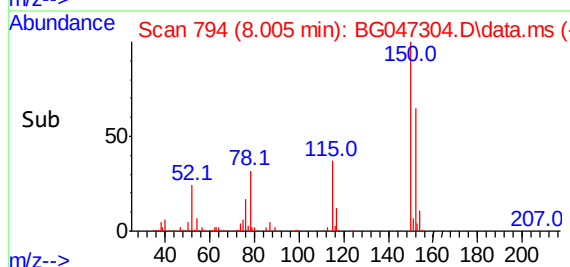
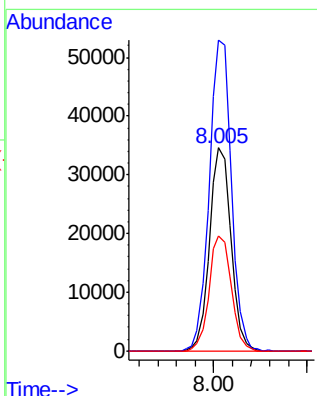
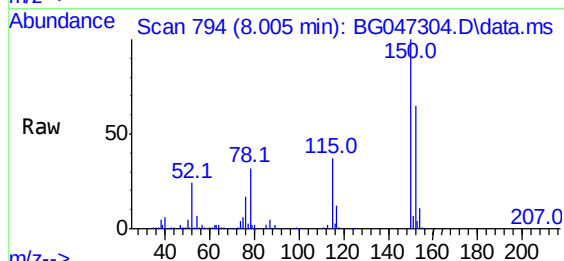




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.005 min Scan# 794
Delta R.T. 0.000 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

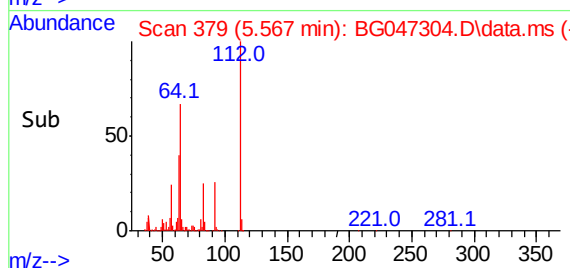
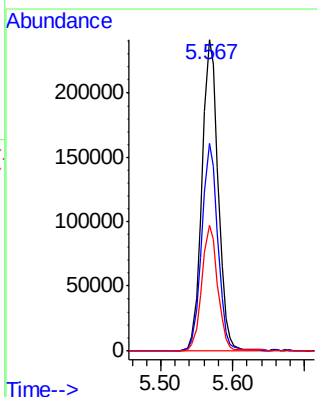
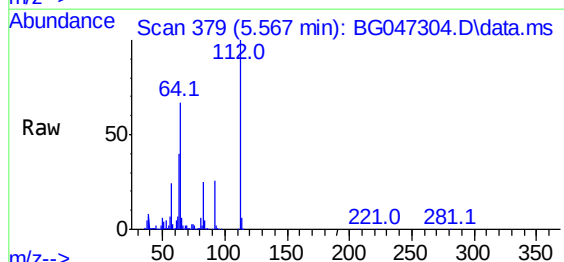
Instrument :
BNA_G
ClientSampled :

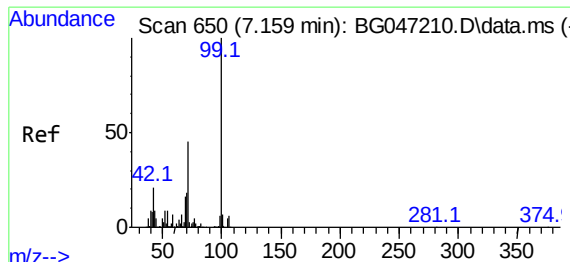
Tgt Ion:152 Resp: 55579
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 108.51 ng
RT: 5.567 min Scan# 379
Delta R.T. 0.006 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion:112 Resp: 372064
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 40.3 22.8 34.2#

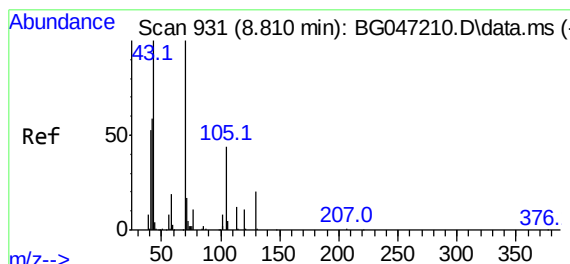
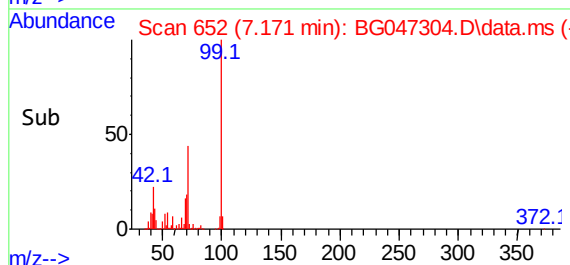
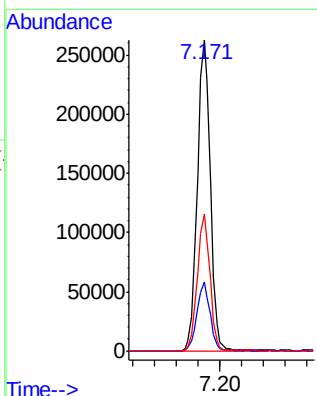
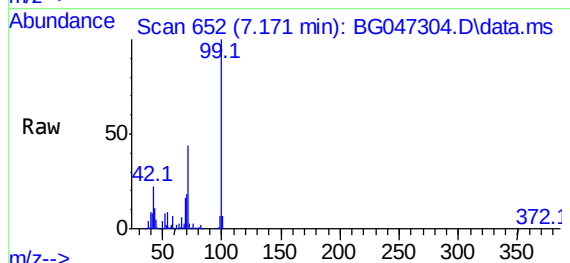




#7
Phenol-d6
Concen: 87.41 ng
RT: 7.171 min Scan# 652
Delta R.T. 0.012 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

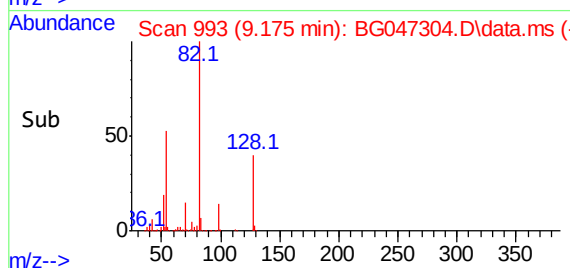
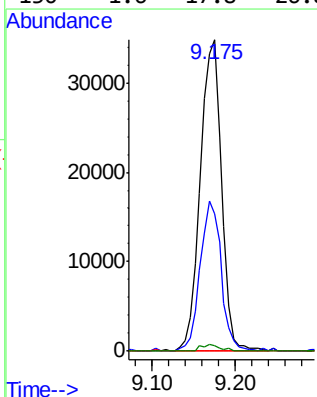
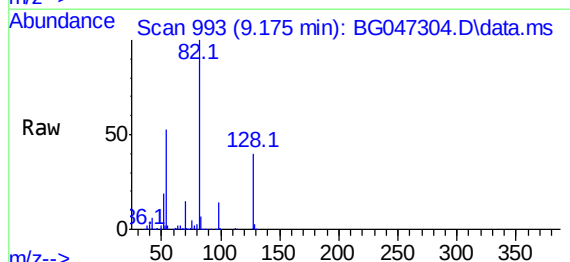
Instrument :
BNA_G
ClientSampleId :

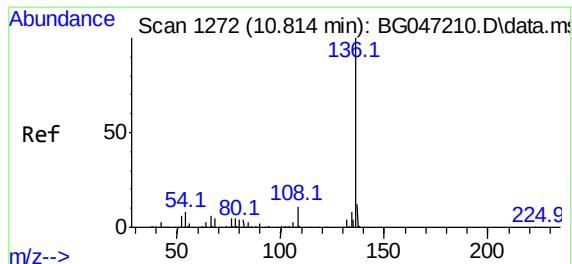
Tgt Ion: 99 Resp: 433878
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 44.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.94 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.365 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion: 70 Resp: 61782
Ion Ratio Lower Upper
70 100
42 43.9 45.6 68.4#
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#

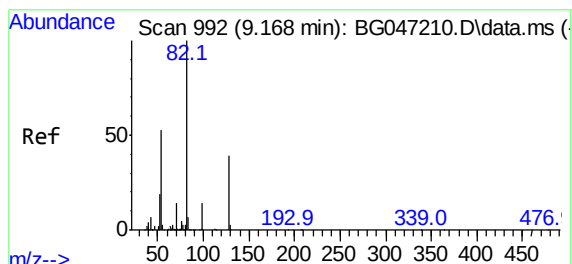
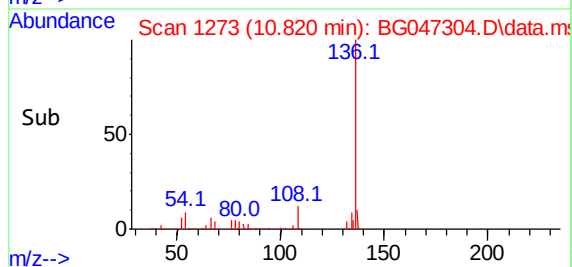
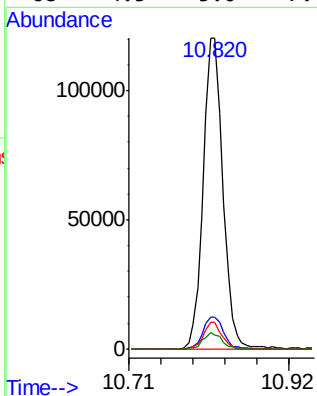
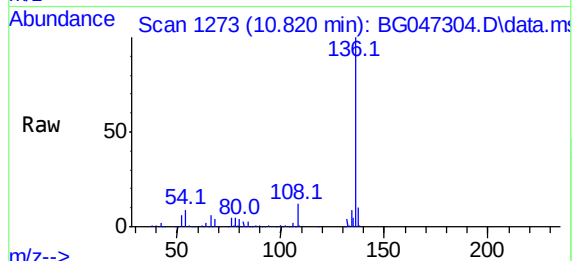




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

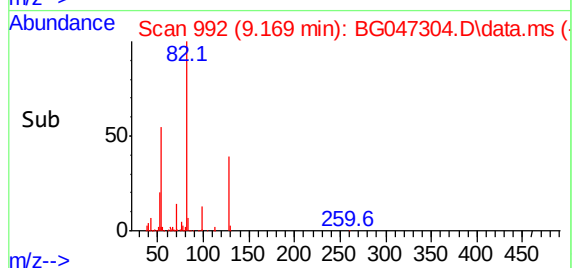
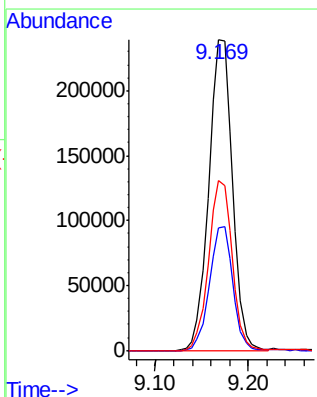
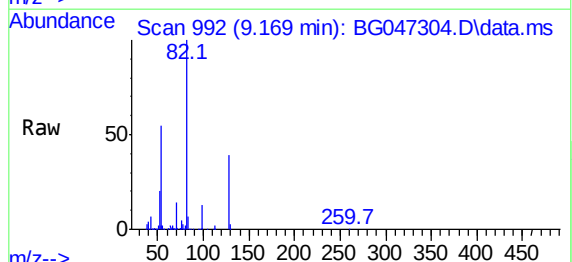
Instrument :
BNA_G
ClientSampled :

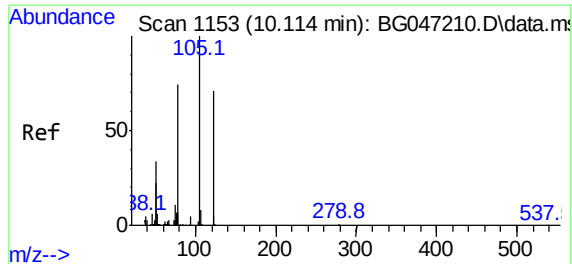
Tgt Ion:136 Resp: 217511
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 8.6 6.2 9.4
68 4.5 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 83.30 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.000 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion: 82 Resp: 422172
Ion Ratio Lower Upper
82 100
128 39.4 37.0 55.6
54 54.7 39.0 58.4

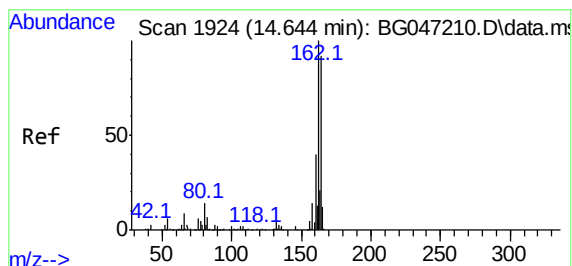
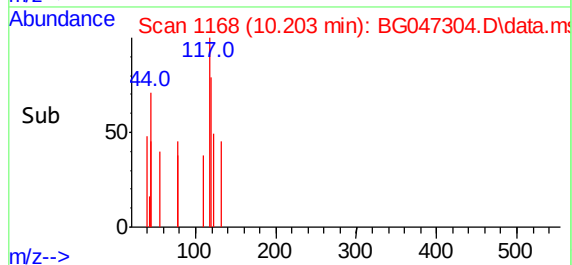
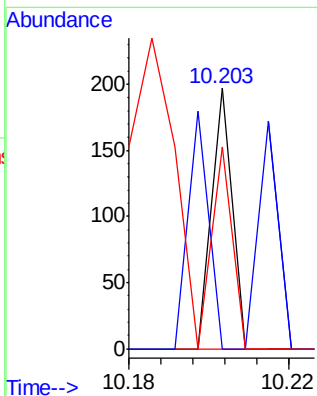
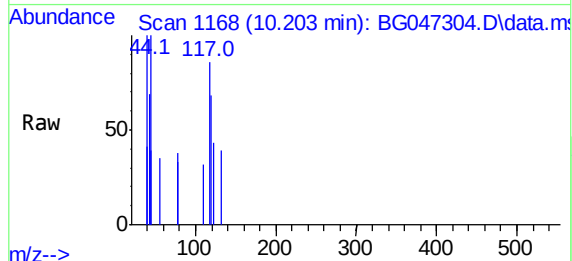




#32
Benzoic acid
Concen: 4.77 ng
RT: 10.203 min Scan# 1168
Delta R.T. 0.089 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

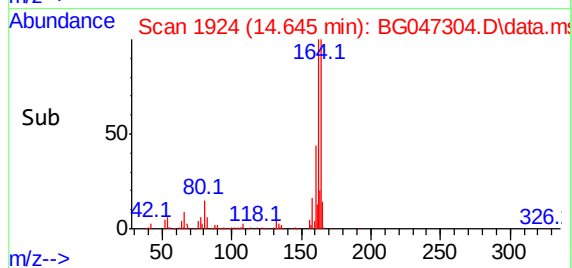
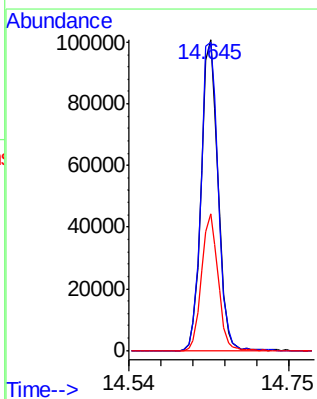
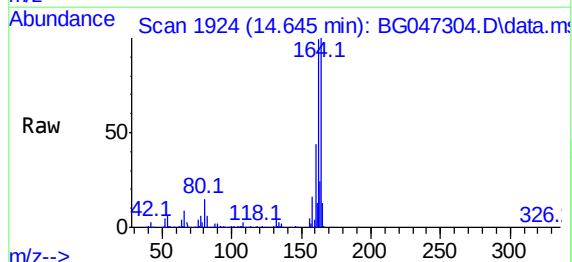
Instrument :
BNA_G
ClientSampleId :

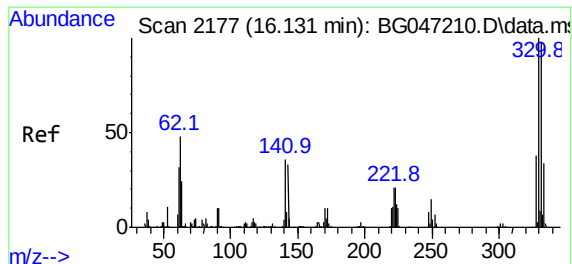
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 77.7 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion:164 Resp: 156339
Ion Ratio Lower Upper
164 100
162 99.0 82.3 123.5
160 43.9 35.3 52.9

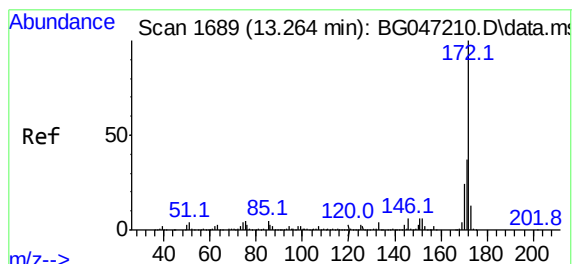
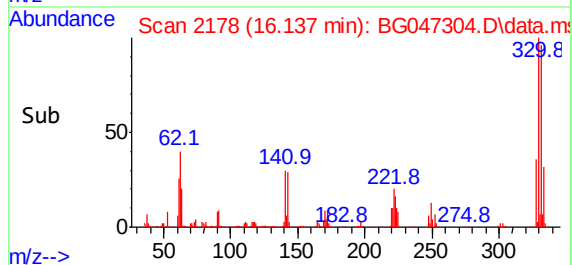
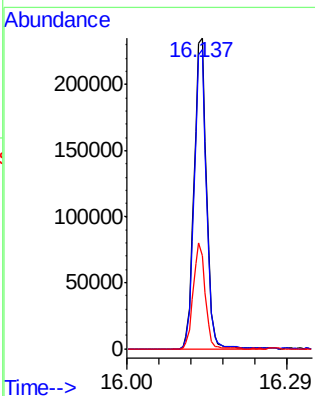
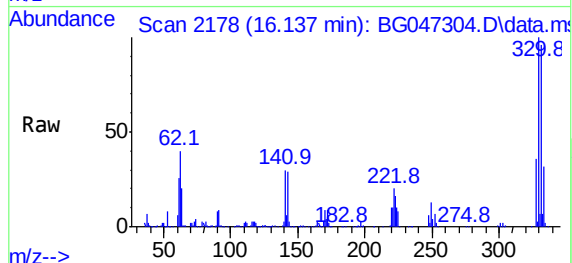




#42
2,4,6-Tribromophenol
Concen: 141.28 ng
RT: 16.137 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

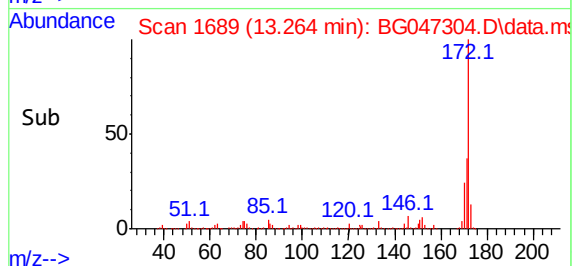
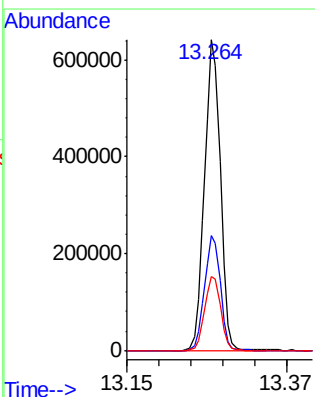
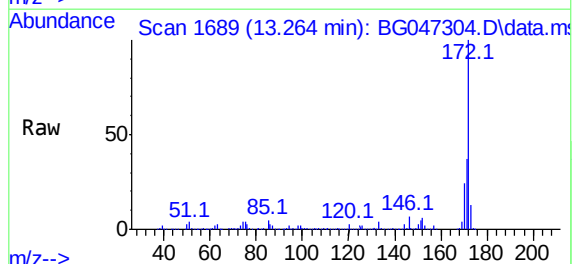
Instrument :
BNA_G
ClientSampleId :

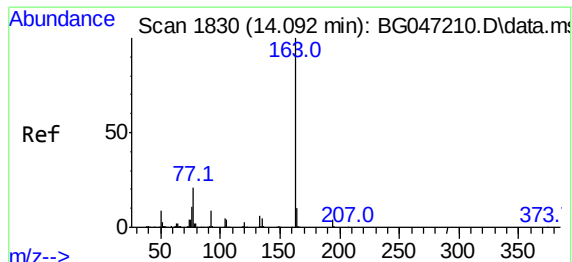
Tgt Ion:330 Resp: 369865
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 33.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.11 ng
RT: 13.264 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion:172 Resp: 976551
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.0 20.8 31.2

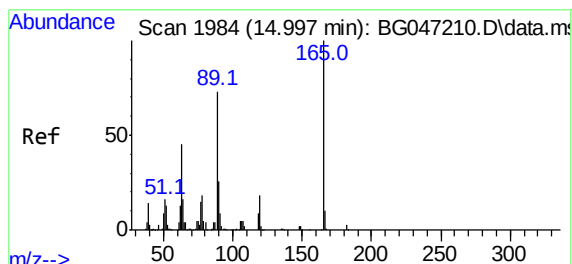
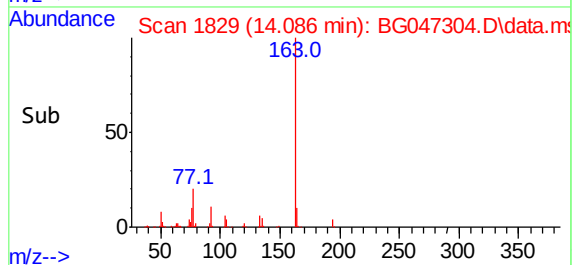
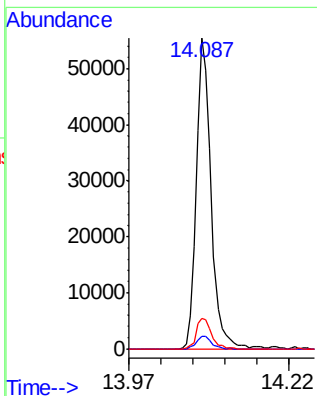
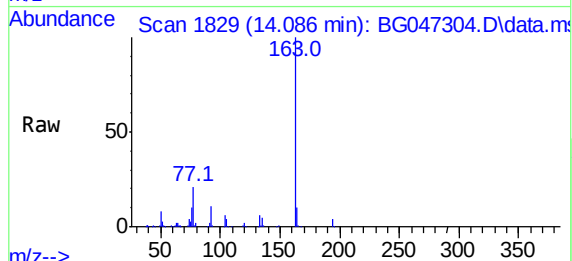




#50
Dimethylphthalate
Concen: 6.17 ng
RT: 14.086 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

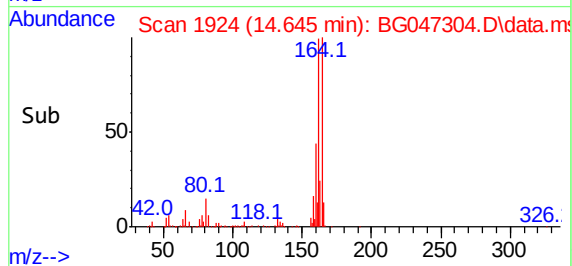
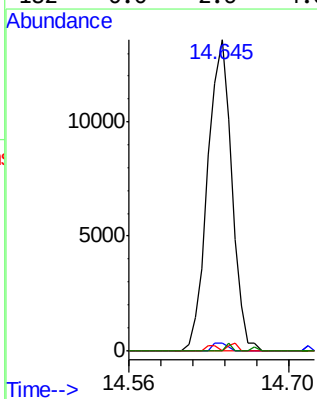
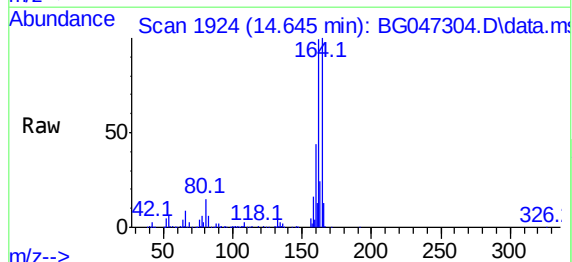
Instrument :
BNA_G
ClientSampleId :

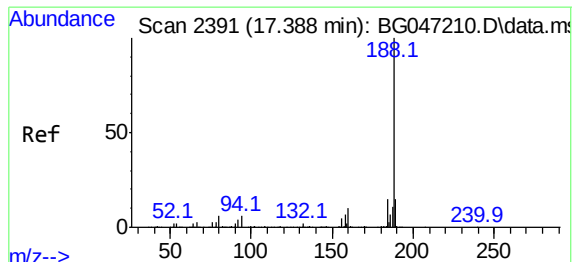
Tgt Ion:163 Resp: 85230
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 9.7 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 4.79 ng
RT: 14.645 min Scan# 1924
Delta R.T. -0.352 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion:165 Resp: 20009
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

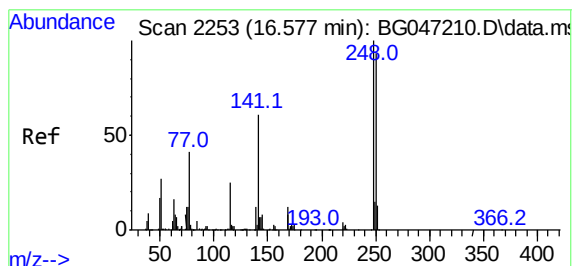
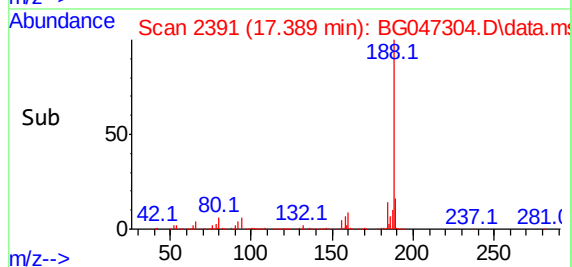
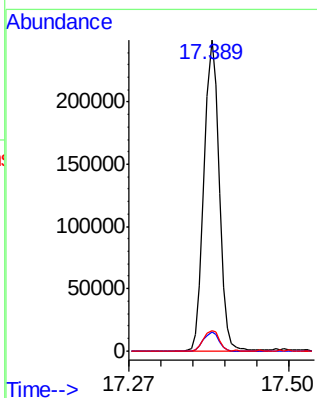
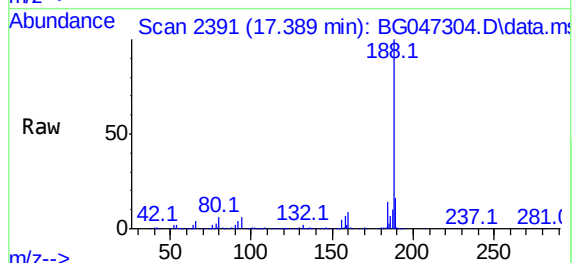




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

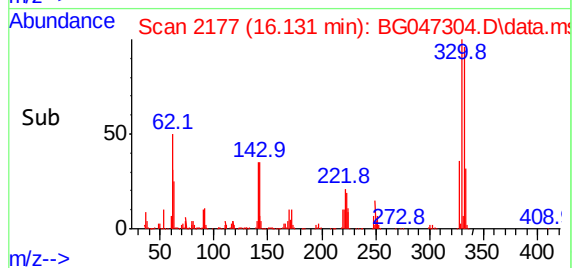
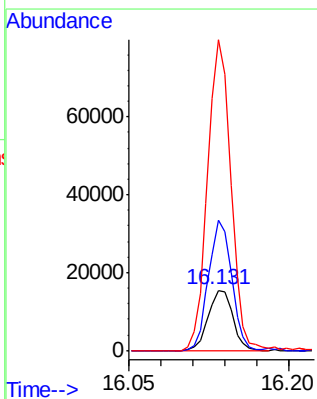
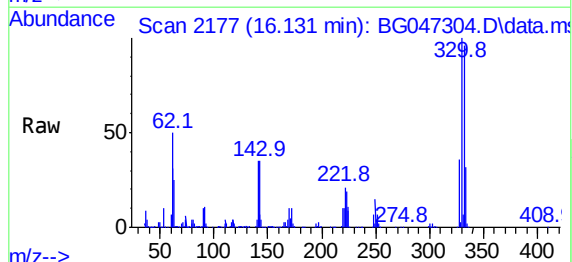
Instrument :
BNA_G
ClientSampleId :

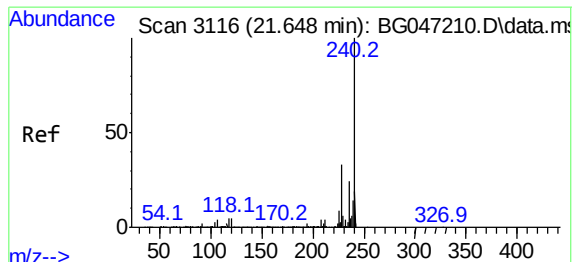
Tgt Ion:188 Resp: 378591
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 6.3 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 16.131 min Scan# 2177
Delta R.T. -0.446 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion:248 Resp: 24636
Ion Ratio Lower Upper
248 100
250 217.1 78.9 118.3#
141 516.4 46.2 69.4#

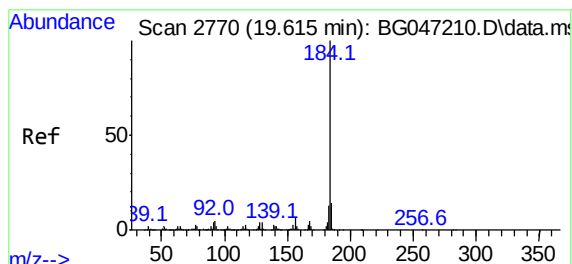
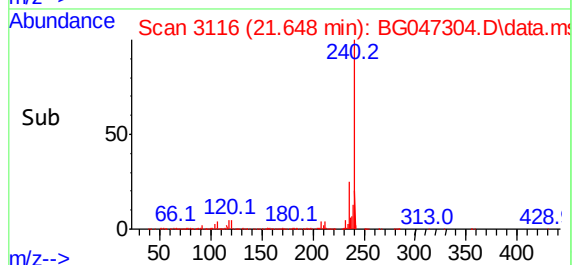
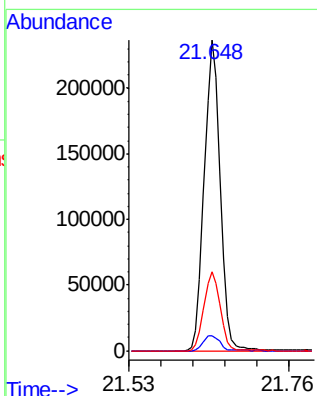
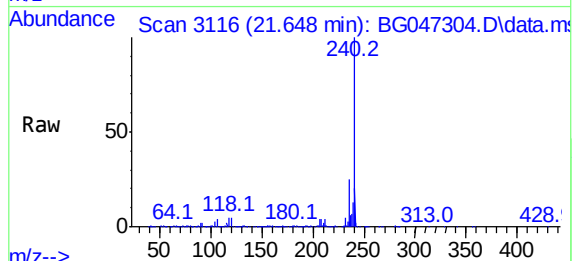




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.648 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

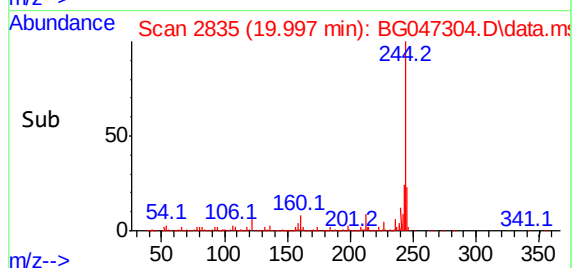
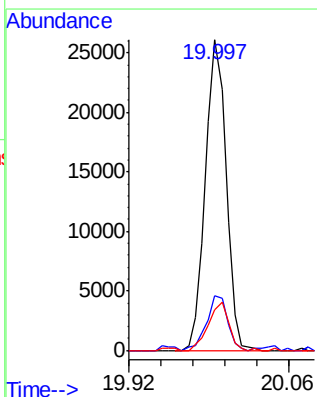
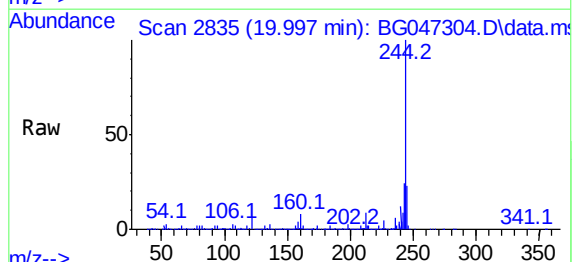
Instrument :
BNA_G
ClientSampleId :

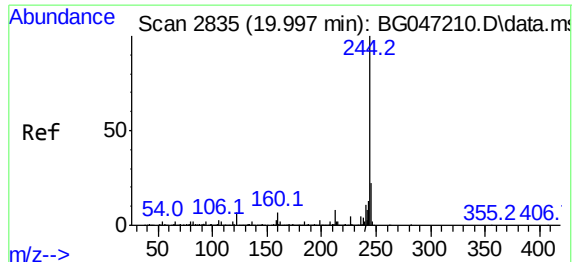
Tgt Ion:240 Resp: 382428
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.3 20.5 30.7



#77
Benzidine
Concen: 2.58 ng
RT: 19.997 min Scan# 2835
Delta R.T. 0.382 min
Lab File: BG047304.D
Acq: 12 Nov 2020 6:54

Tgt Ion:184 Resp: 33136
Ion Ratio Lower Upper
184 100
185 17.7 12.4 18.6
183 13.3 10.6 15.8



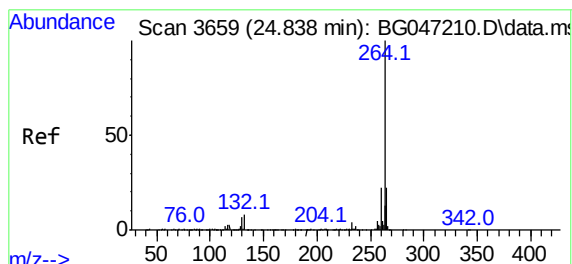
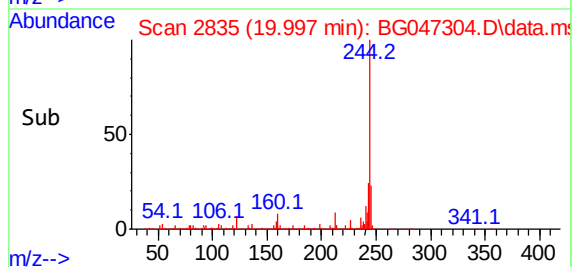
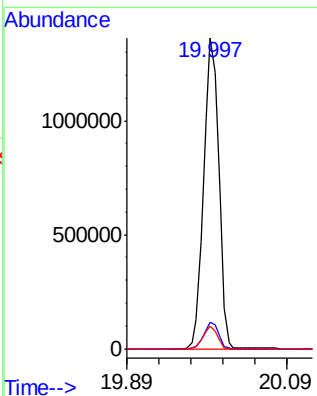
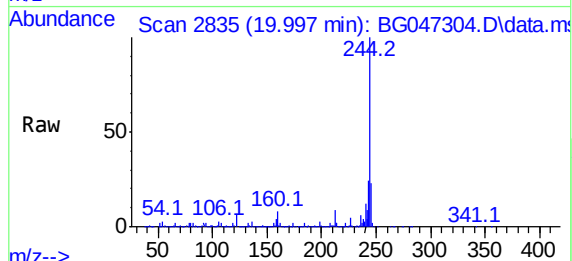


#79
 Terphenyl-d14
 Concen: 82.70 ng
 RT: 19.997 min Scan# 2835
 Delta R.T. 0.000 min
 Lab File: BG047304.D
 Acq: 12 Nov 2020 6:54

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:244 Resp: 1798480

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	7.4	7.8	11.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.844 min Scan# 3660
 Delta R.T. 0.006 min
 Lab File: BG047304.D
 Acq: 12 Nov 2020 6:54

Tgt Ion:264 Resp: 393485

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.5	17.8	26.8

