

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048461.D
 Acq On : 23 Mar 2021 3:20
 Operator : CG/JU
 Sample : M1732-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4B-(2.5-3.0)

Quant Time: Mar 23 04:07:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

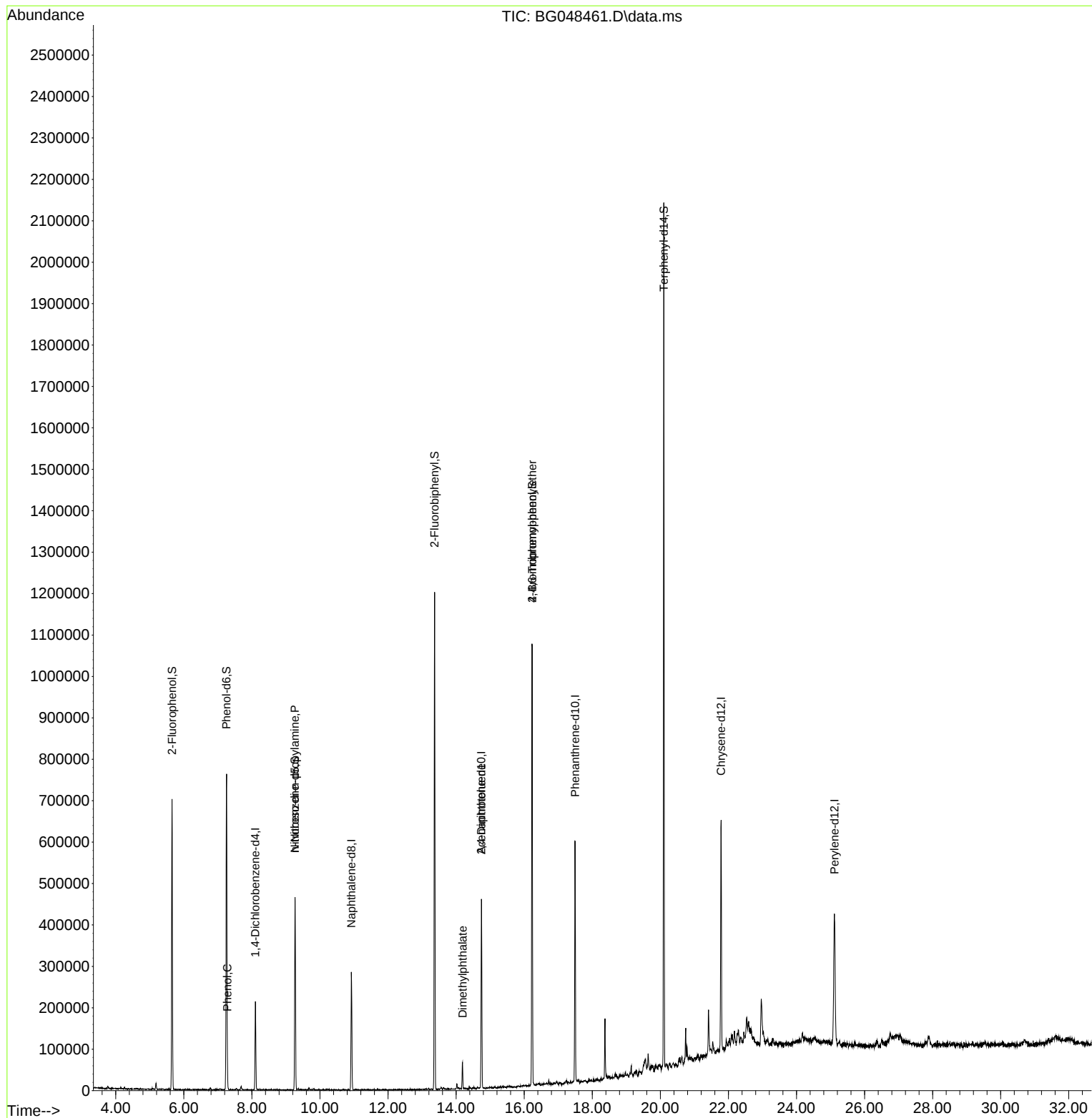
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	54481	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	221086	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	169159	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	375387	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	362811	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	362400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	267836	81.30	ng	0.00
7) Phenol-d6	7.256	99	390655	81.49	ng	0.00
23) Nitrobenzene-d5	9.266	82	281543	50.92	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	210077	76.36	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	613817	52.20	ng	0.00
79) Terphenyl-d14	20.100	244	973253	48.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.239	77	1528	Below Cal	#	12
10) Phenol	7.280	94	14763	3.01	ng	# 48
19) n-Nitroso-di-n-propyla...	9.266	70	43310	12.17	ng	# 81
50) Dimethylphthalate	14.189	163	38969	2.83	ng	99
57) 2,4-Dinitrotoluene	14.742	165	22085	5.25	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	14608	3.09	ng	# 1

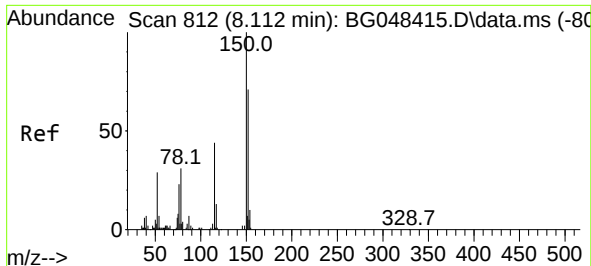
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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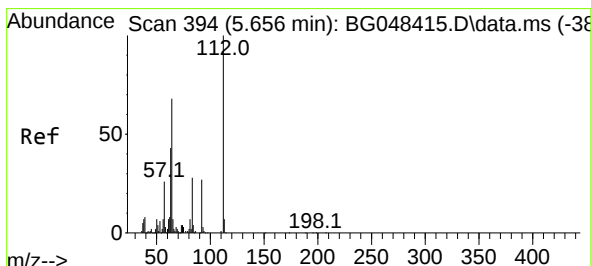
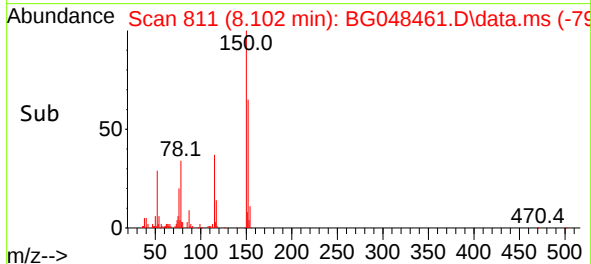
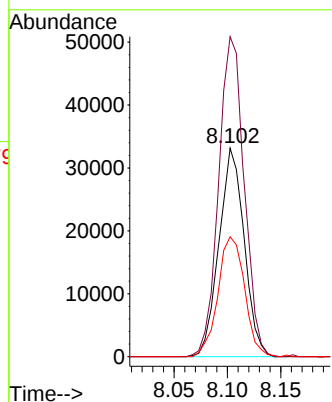
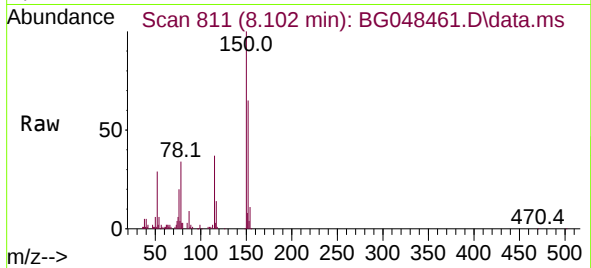




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

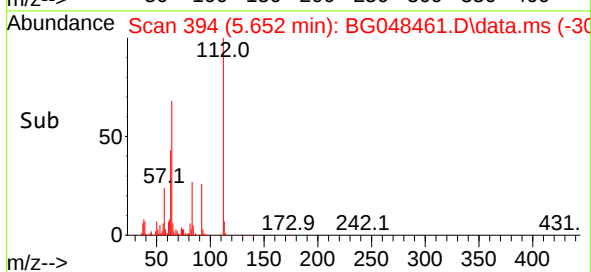
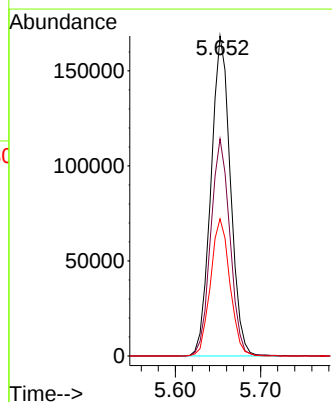
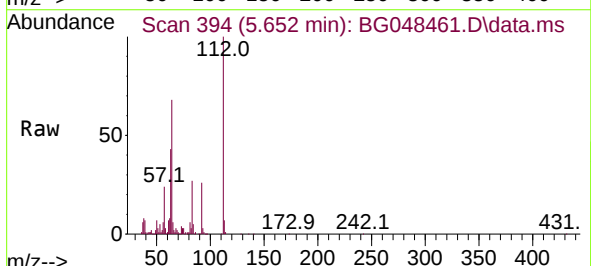
Instrument :
BNA_G
ClientSampleId :
SB-4B-(2.5-3.0)

Tgt Ion:152 Resp: 54481
Ion Ratio Lower Upper
152 100
150 153.5 125.0 187.6
115 57.5 41.8 62.6



#5
2-Fluorophenol
Concen: 81.30 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion:112 Resp: 267836
Ion Ratio Lower Upper
112 100
64 67.9 46.7 70.1
63 42.9 22.8 34.2#

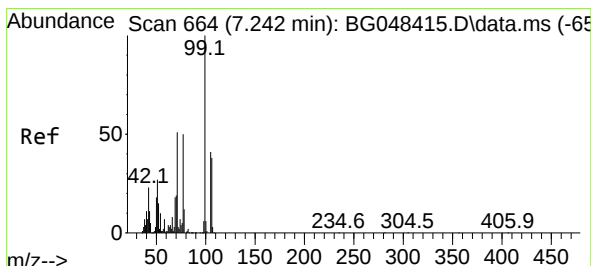
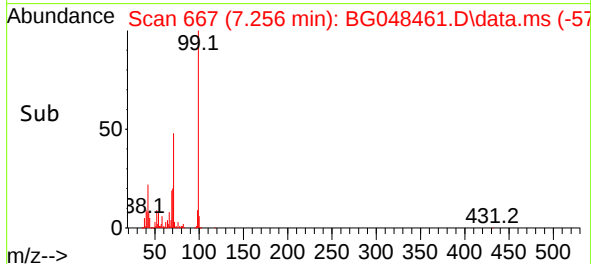
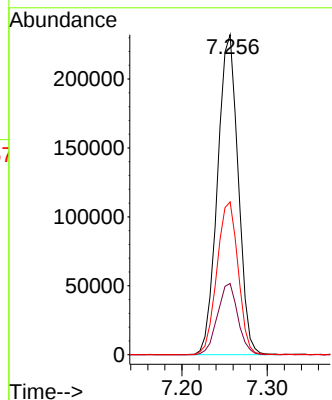
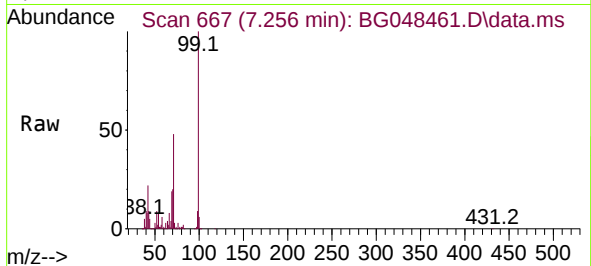




#7
Phenol-d6
Concen: 81.49 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

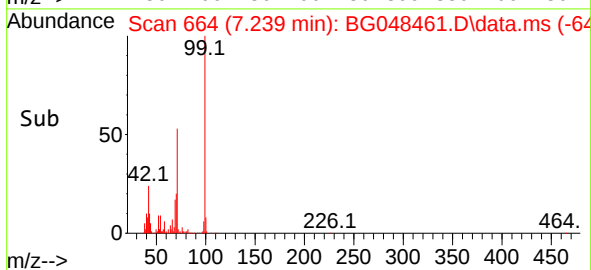
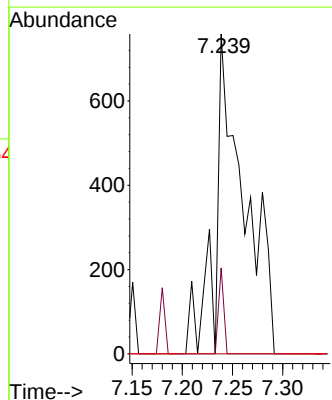
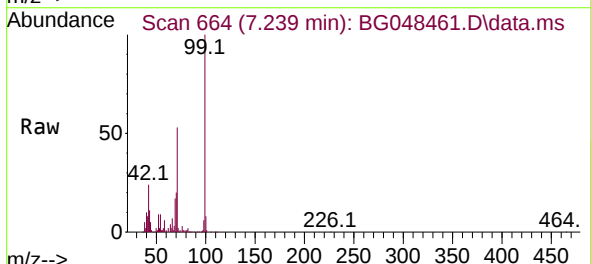
Instrument :
BNA_G
ClientSampleId :
SB-4B-(2.5-3.0)

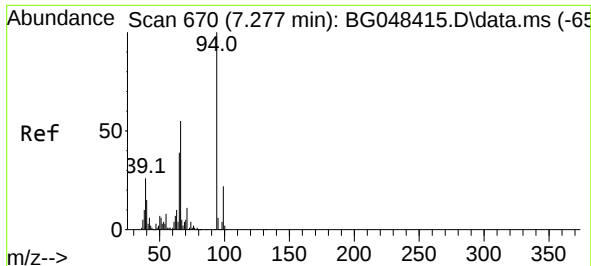
Tgt Ion: 99 Resp: 390655
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 47.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion: 77 Resp: 1528
Ion Ratio Lower Upper
77 100
105 26.9 85.9 125.9#
106 0.0 80.9 120.9#

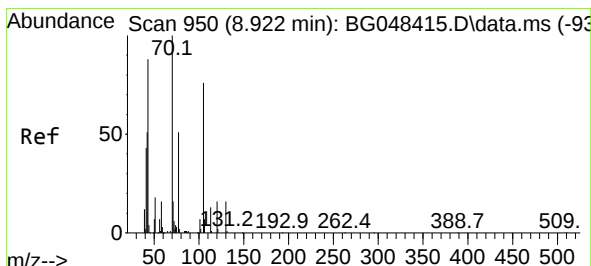
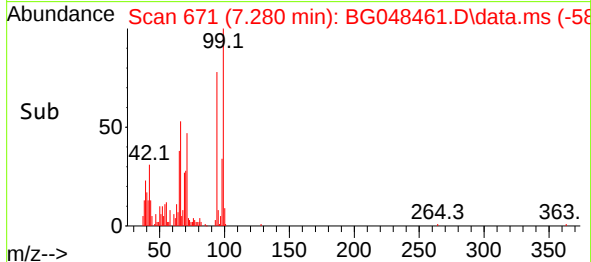
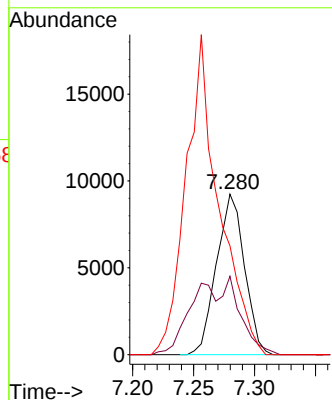
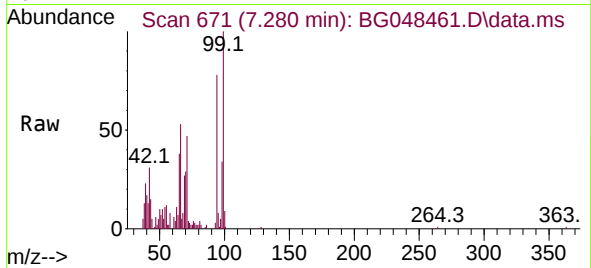




#10
Phenol
Concen: 3.01 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

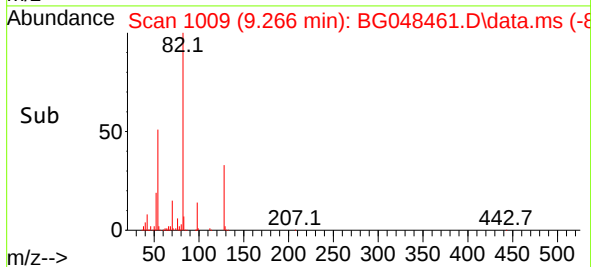
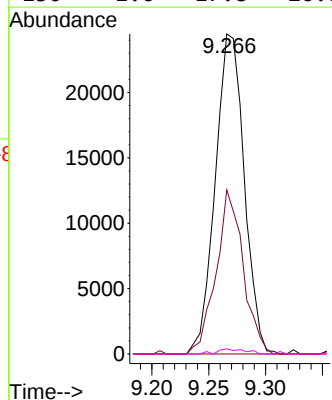
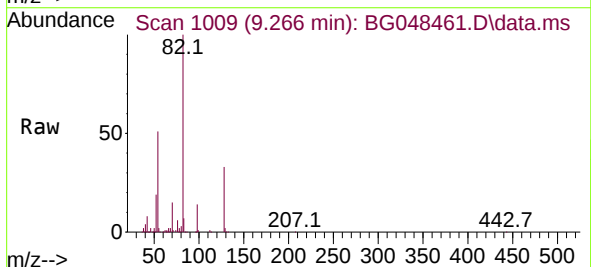
Instrument :
BNA_G
ClientSampleId :
SB-4B-(2.5-3.0)

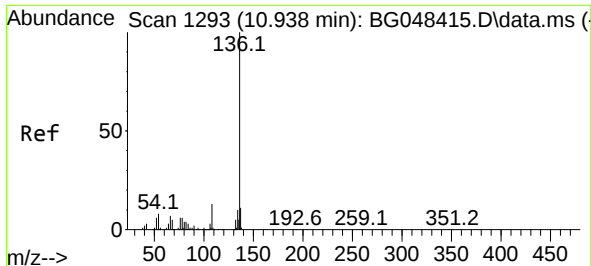
Tgt Ion: 94 Resp: 14763
Ion Ratio Lower Upper
94 100
65 48.9 6.6 46.6#
66 67.8 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 12.17 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.352 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion: 70 Resp: 43310
Ion Ratio Lower Upper
70 100
42 51.3 45.6 68.4
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#

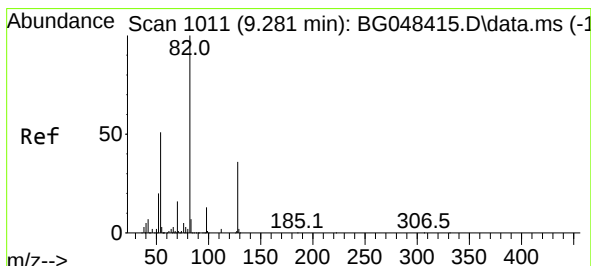
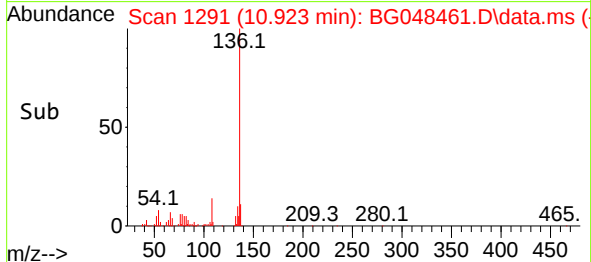
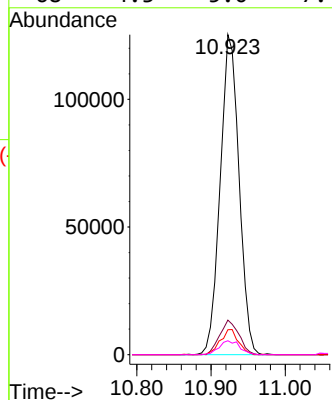
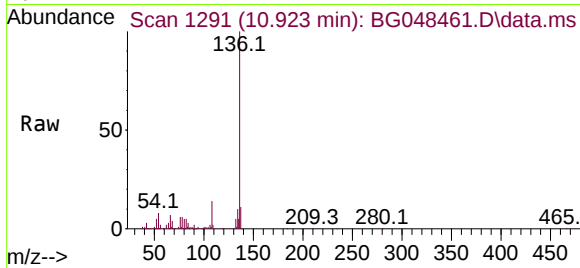




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

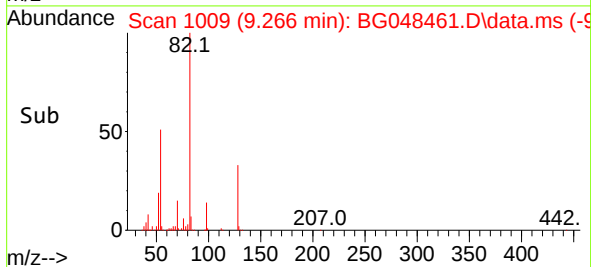
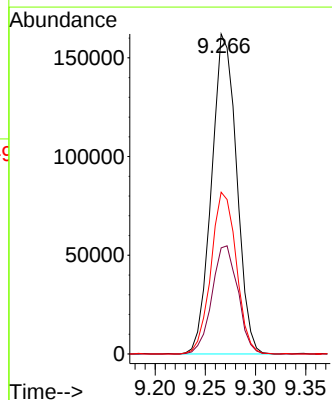
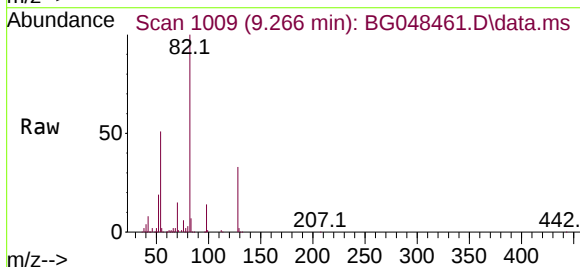
Instrument :
BNA_G
ClientSampleId :
SB-4B-(2.5-3.0)

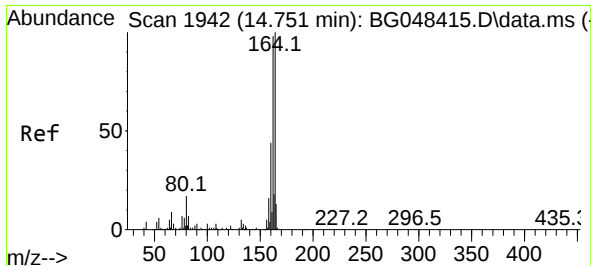
Tgt Ion:	136	Resp:	221086
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	7.8	6.2	9.4
68	4.3	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 50.92 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion:	82	Resp:	281543
Ion Ratio	Lower	Upper	
82	100		
128	33.2	37.0	55.6#
54	50.5	39.0	58.4

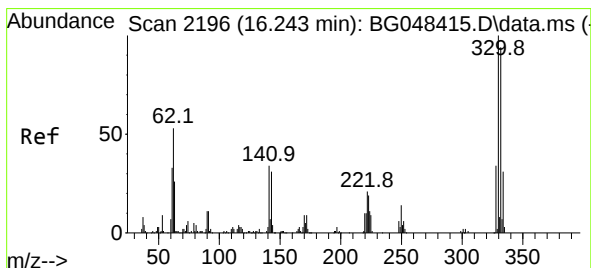
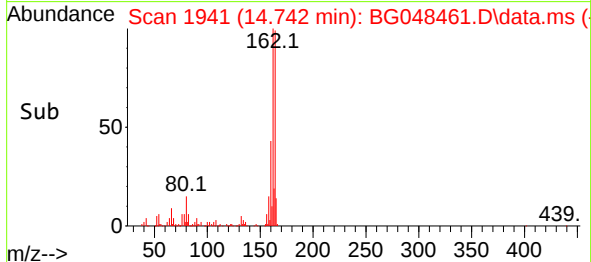
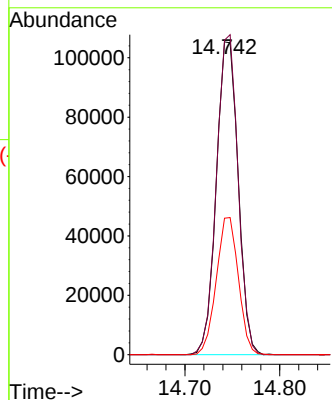
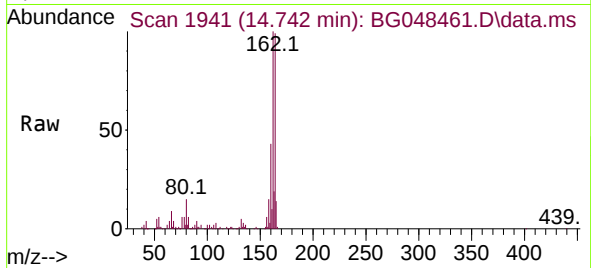




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

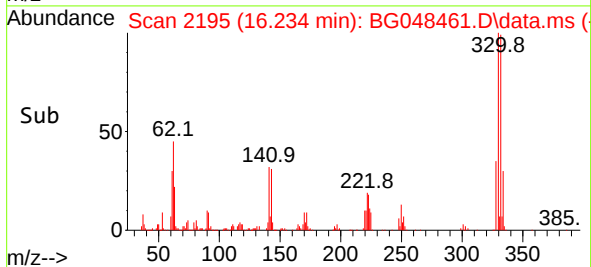
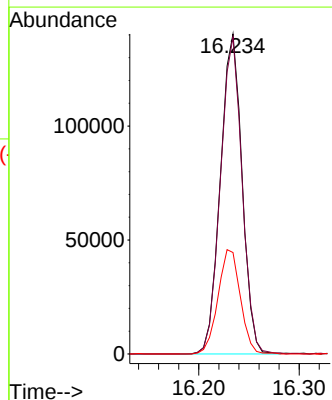
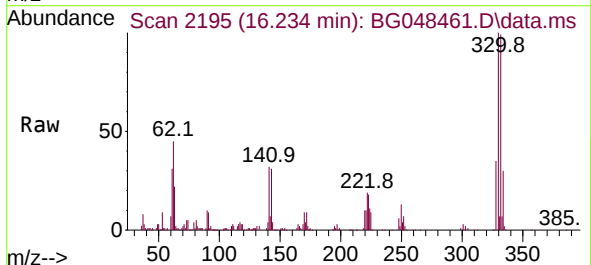
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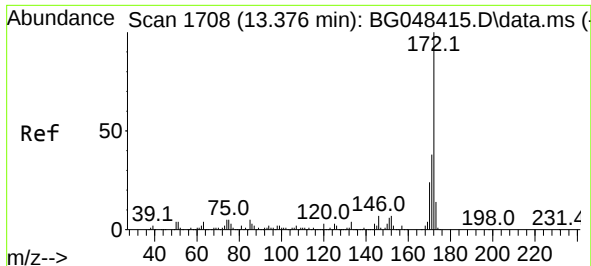
Tgt Ion:164 Resp: 169159
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 43.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 76.36 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion:330 Resp: 210077
Ion Ratio Lower Upper
330 100
332 98.6 76.5 114.7
141 33.7 26.0 39.0

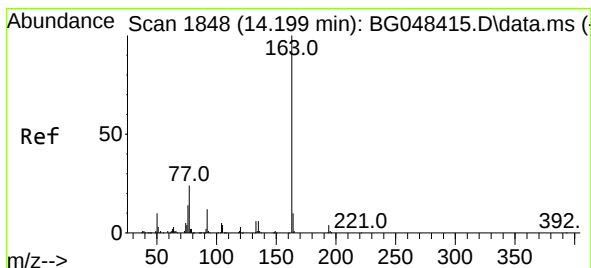
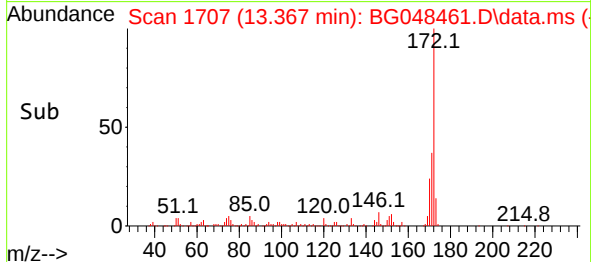
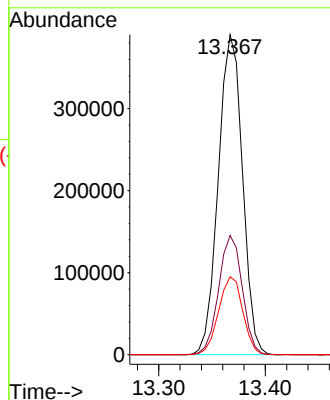
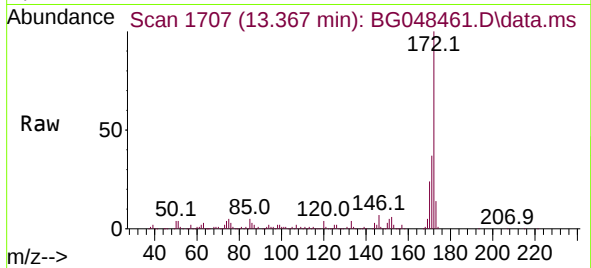




#45
2-Fluorobiphenyl
Concen: 52.20 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

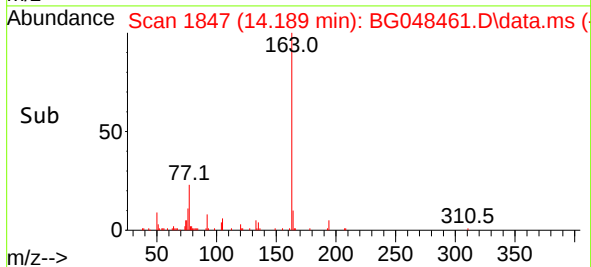
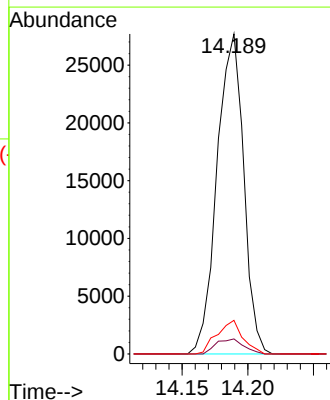
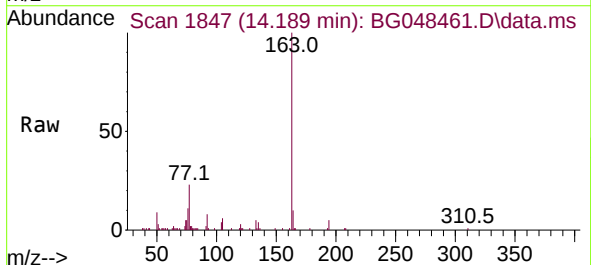
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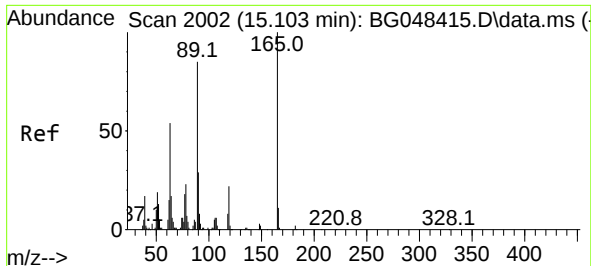
Tgt Ion:172	Resp: 613817
Ion Ratio	Lower Upper
172	100
171	37.3 31.3 46.9
170	24.4 20.8 31.2



#50
Dimethylphthalate
Concen: 2.83 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion:163	Resp: 38969
Ion Ratio	Lower Upper
163	100
194	4.7 3.8 5.8
164	10.5 8.8 13.2

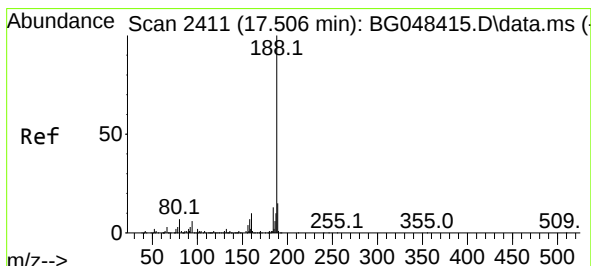
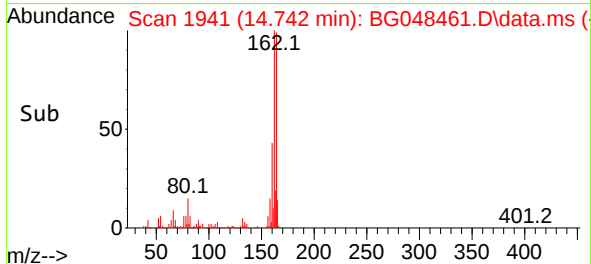
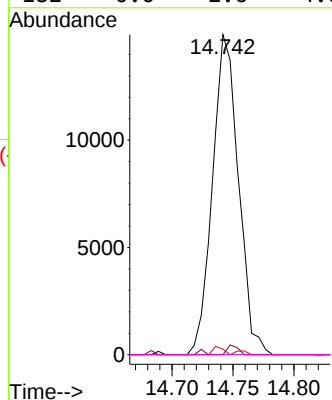
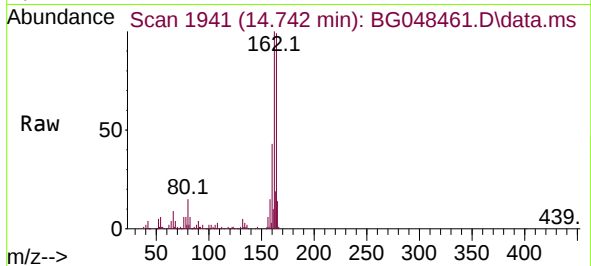




#57
2,4-Dinitrotoluene
Concen: 5.25 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

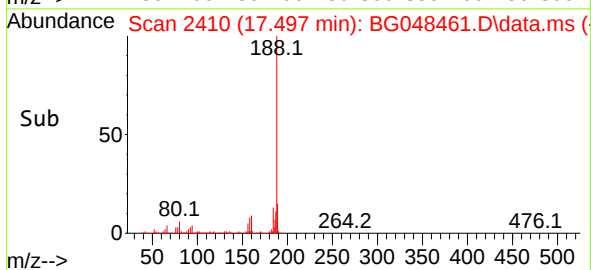
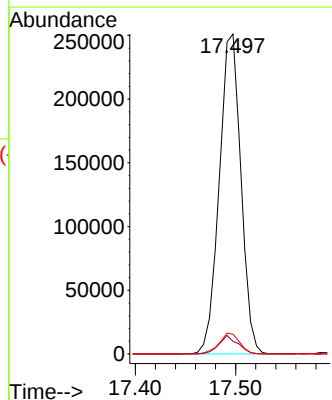
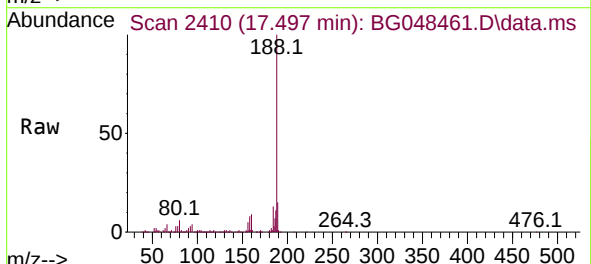
Instrument :
BNA_G
ClientSampleId :
SB-4B-(2.5-3.0)

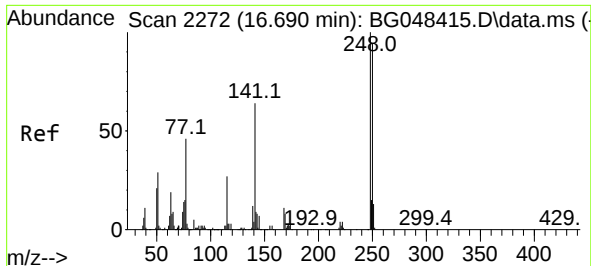
Tgt Ion:165 Resp: 22085
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion:188 Resp: 375387
Ion Ratio Lower Upper
188 100
94 4.0 6.3 9.5#
80 6.1 7.0 10.6#

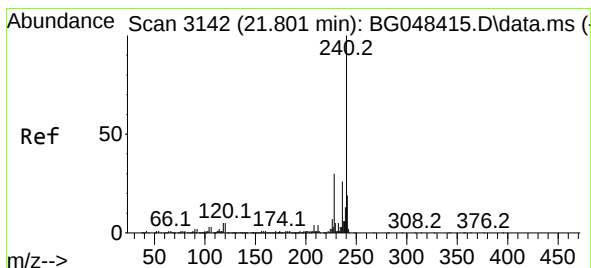
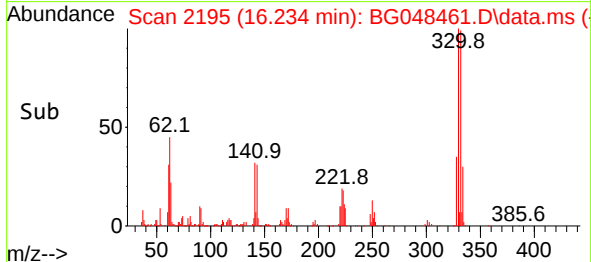
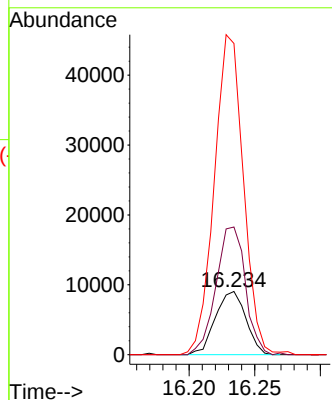
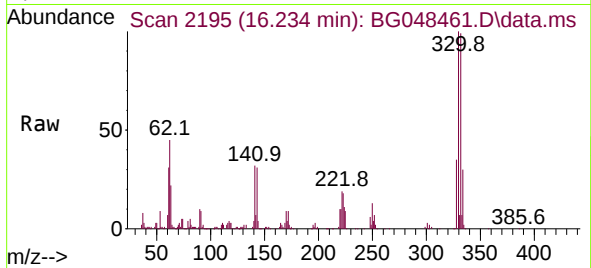




#67
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

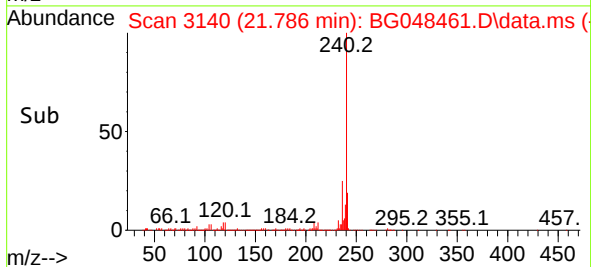
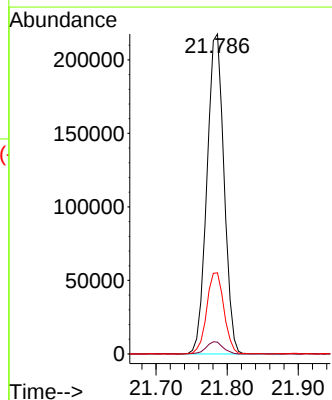
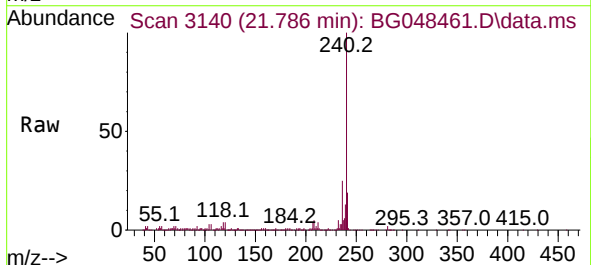
Instrument :
BNA_G
ClientSampleId :
SB-4B-(2.5-3.0)

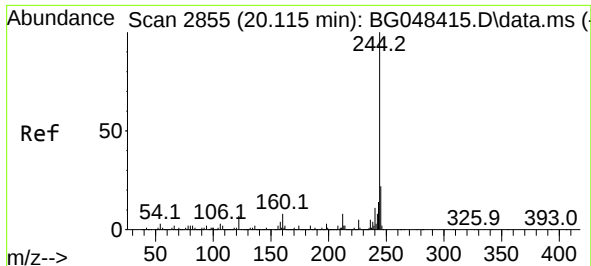
Tgt Ion:248 Resp: 14608
Ion Ratio Lower Upper
248 100
250 201.9 78.9 118.3#
141 492.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG048461.D
Acq: 23 Mar 2021 3:20

Tgt Ion:240 Resp: 362811
Ion Ratio Lower Upper
240 100
120 3.7 6.2 9.4#
236 25.4 20.5 30.7

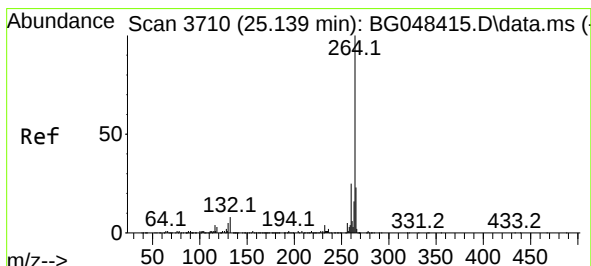
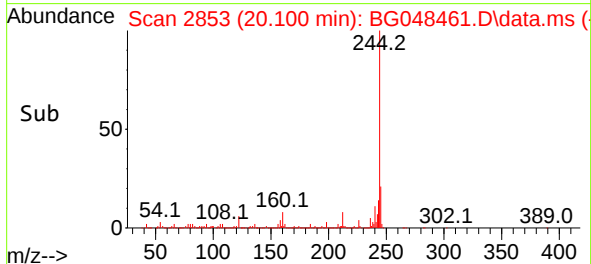
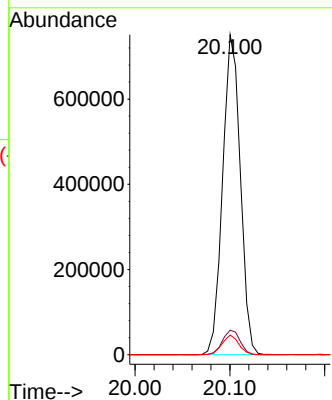
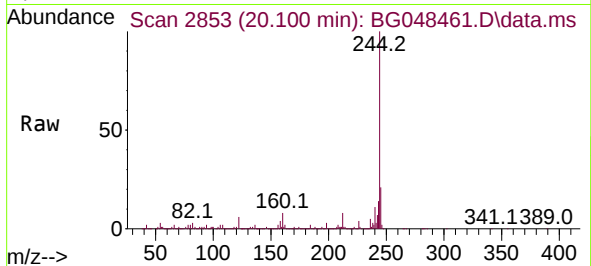




#79
 Terphenyl-d14
 Concen: 48.38 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048461.D
 Acq: 23 Mar 2021 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-4B-(2.5-3.0)

Tgt Ion:244 Resp: 973253
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 6.1 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.118 min Scan# 3707
 Delta R.T. -0.006 min
 Lab File: BG048461.D
 Acq: 23 Mar 2021 3:20

Tgt Ion:264 Resp: 362400
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.8 28.2
 265 20.2 17.8 26.8

