

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048476.D
 Acq On : 23 Mar 2021 19:11
 Operator : CG/JU
 Sample : M1746-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Mar 24 02:20:19 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)

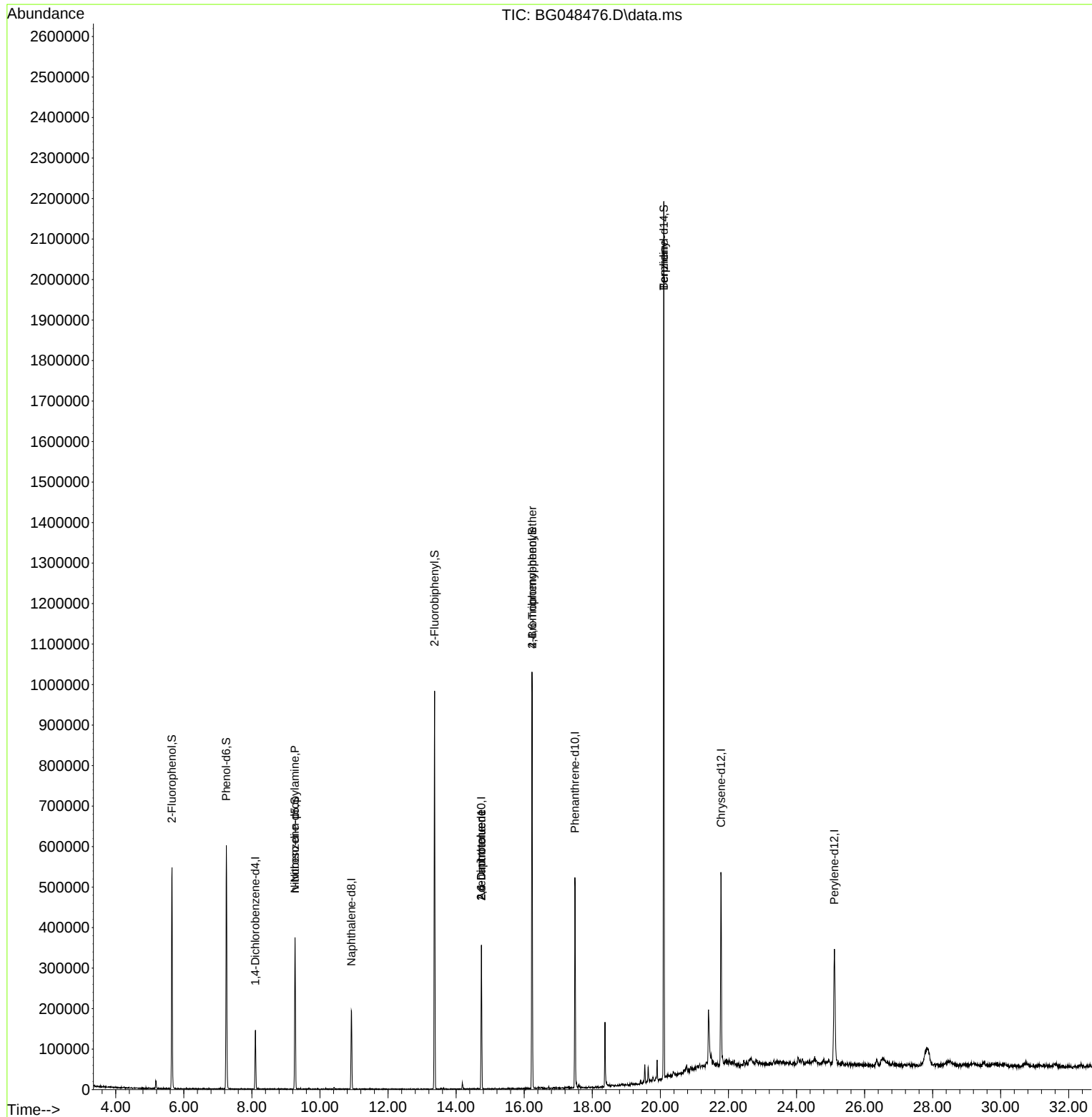
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	37607	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	159313	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	120824	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	312687	20.00	ng	0.00
76) Chrysene-d12	21.781	240	301079	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	315925	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	210076	92.38	ng	0.00
7) Phenol-d6	7.251	99	300216	90.72	ng	0.00
23) Nitrobenzene-d5	9.266	82	224166	56.26	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	195797	99.64	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	467392	55.65	ng	0.00
79) Terphenyl-d14	20.100	244	930135	55.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	1163	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	32622	13.28	ng	# 71
51) 2,6-Dinitrotoluene	14.742	165	16494	7.79	ng	# 33
57) 2,4-Dinitrotoluene	14.742	165	16494	5.49	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	12066	3.06	ng	# 1
77) Benzidine	20.100	184	18804	2.08	ng	# 25

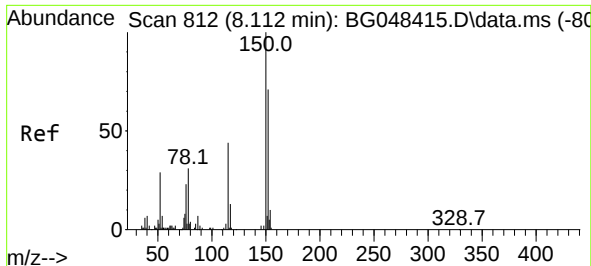
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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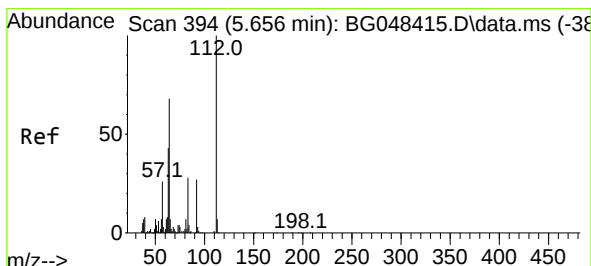
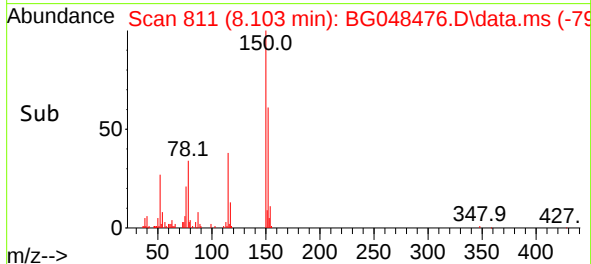
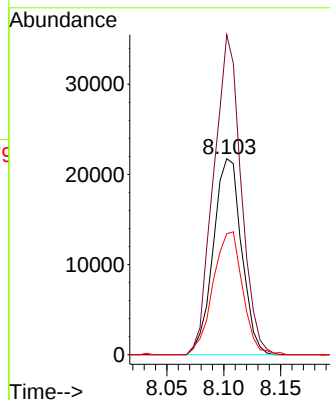
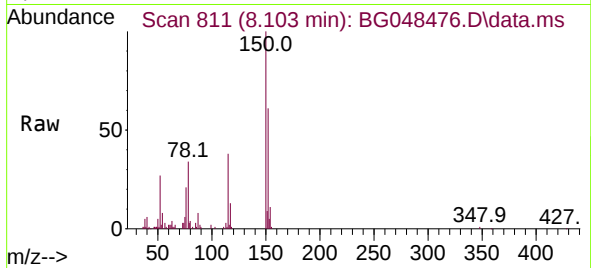




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

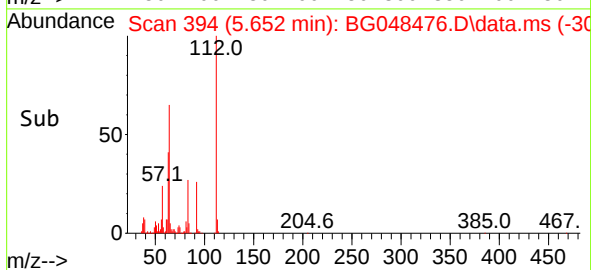
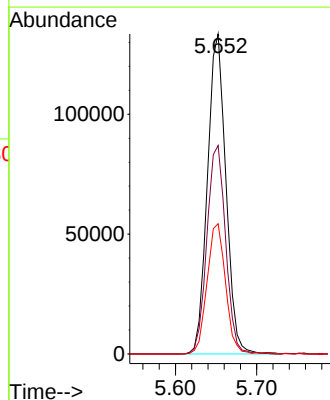
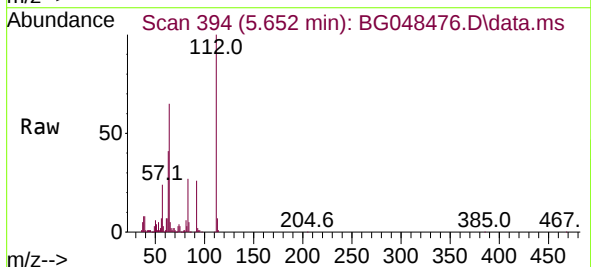
Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 37607
Ion Ratio Lower Upper
152 100
150 163.3 125.0 187.6
115 61.8 41.8 62.6



#5
2-Fluorophenol
Concen: 92.38 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion:112 Resp: 210076
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 40.7 22.8 34.2#

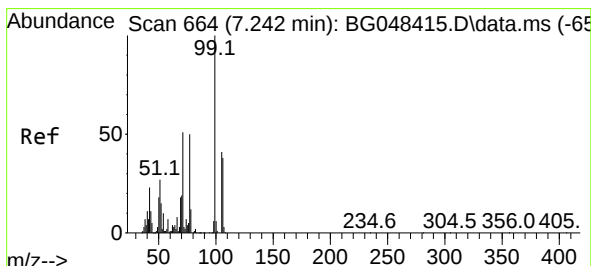
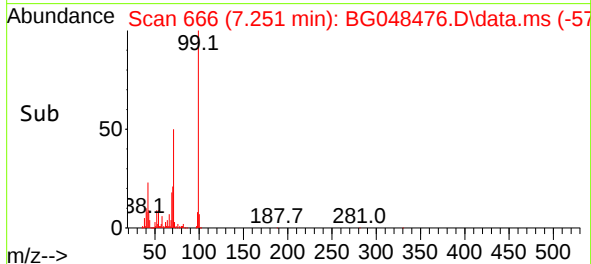
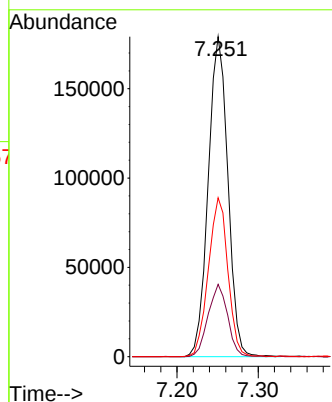
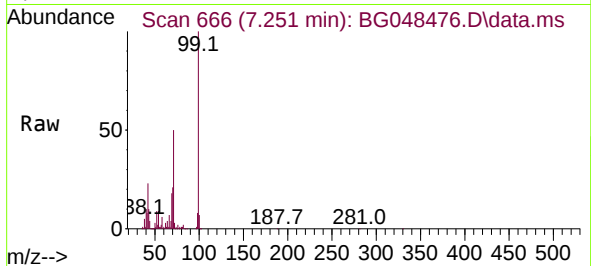




#7
Phenol-d6
Concen: 90.72 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

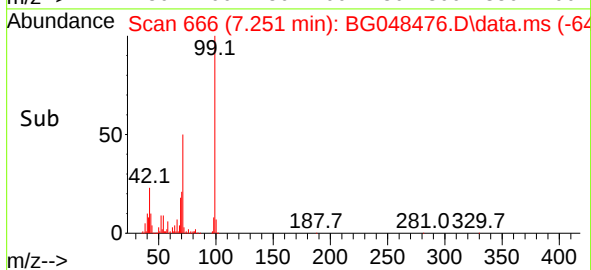
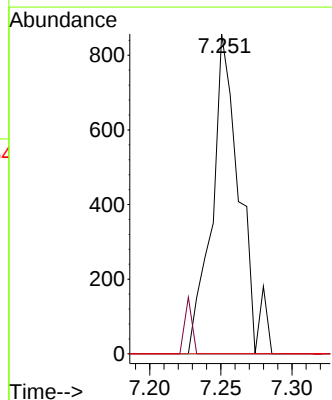
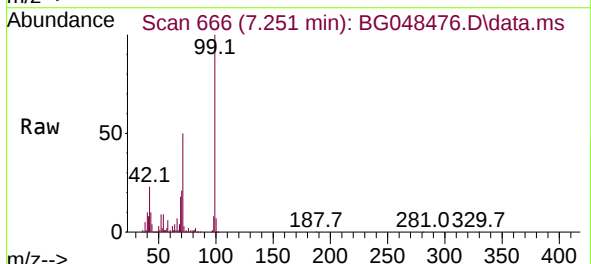
Instrument :
BNA_G
ClientSampleId :
COMP-3

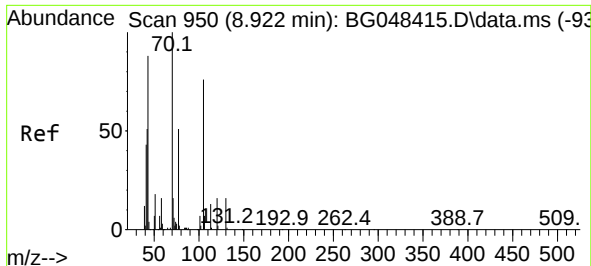
Tgt Ion: 99 Resp: 300216
Ion Ratio Lower Upper
99 100
42 22.6 12.8 19.2#
71 49.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion: 77 Resp: 1163
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

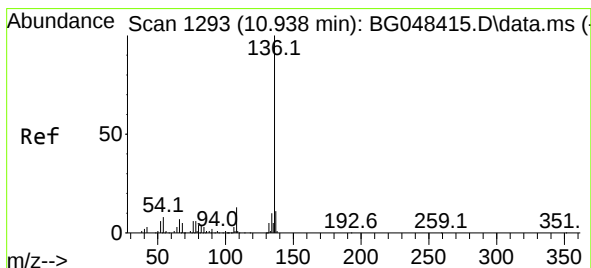
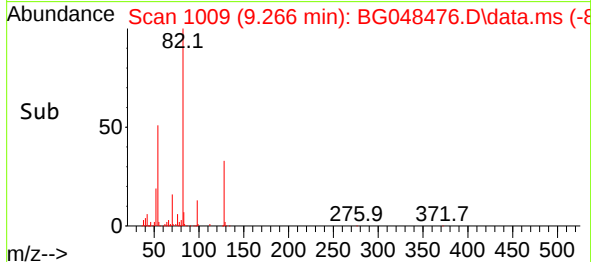
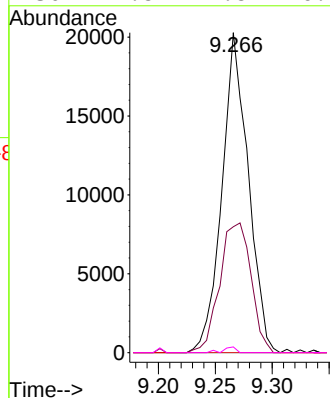
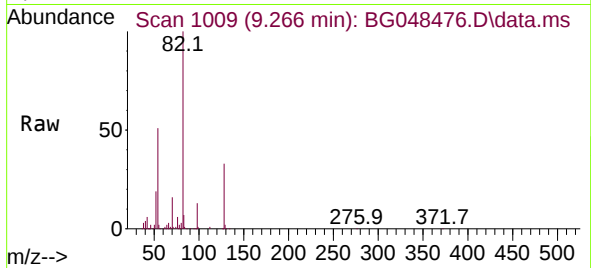




#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.352 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

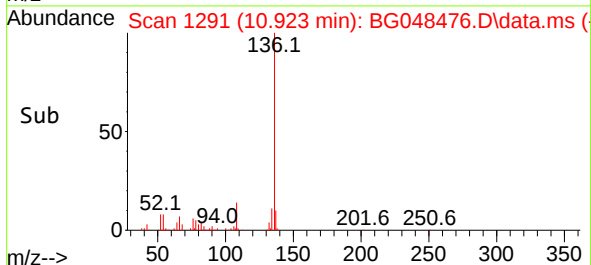
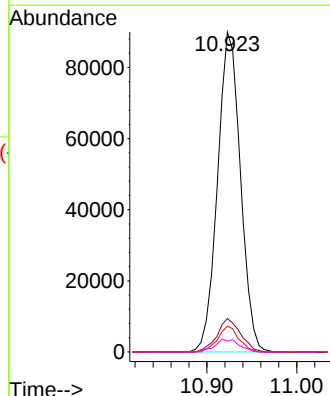
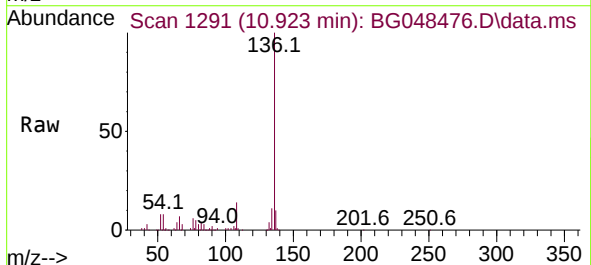
Instrument :
BNA_G
ClientSampleId :
COMP-3

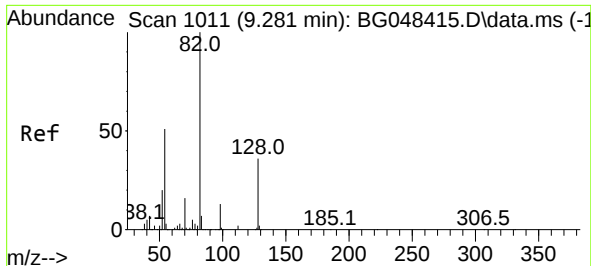
Tgt Ion: 70	Resp: 32622
Ion Ratio	Lower Upper
70 100	
42 39.3	45.6 68.4#
101 0.0	8.4 12.6#
130 1.8	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion: 136	Resp: 159313
Ion Ratio	Lower Upper
136 100	
137 10.4	9.1 13.7
54 8.1	6.2 9.4
68 3.4	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 56.26 ng

RT: 9.266 min Scan# 1009

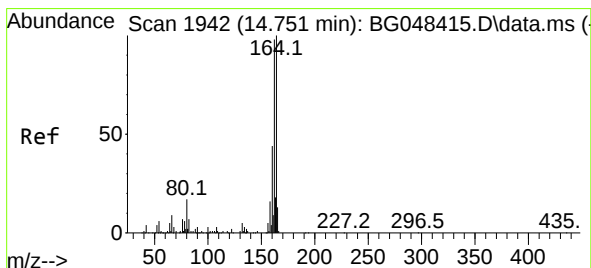
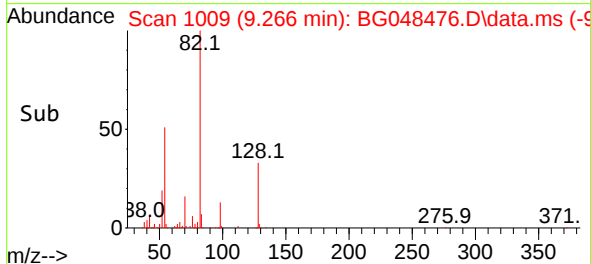
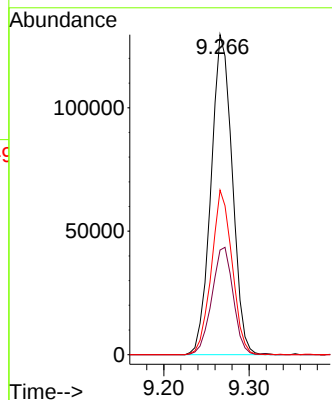
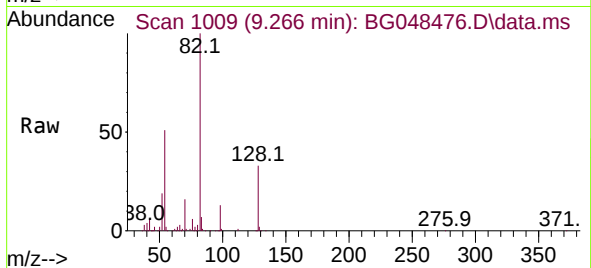
Delta R.T. -0.006 min

Lab File: BG048476.D

Acq: 23 Mar 2021 19:11

Tgt Ion: 82 Resp: 224166

Ion	Ratio	Lower	Upper
82	100		
128	32.7	37.0	55.6#
54	51.4	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.742 min Scan# 1941

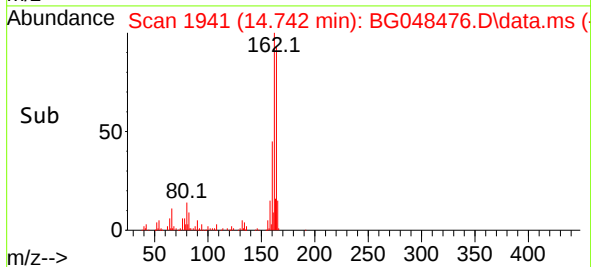
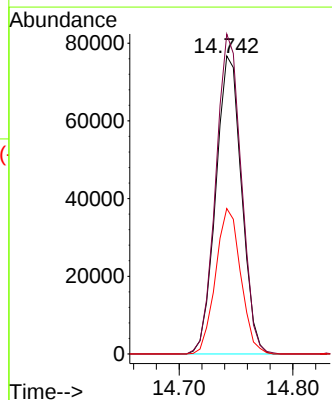
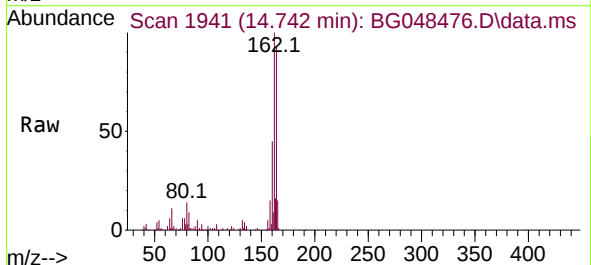
Delta R.T. -0.006 min

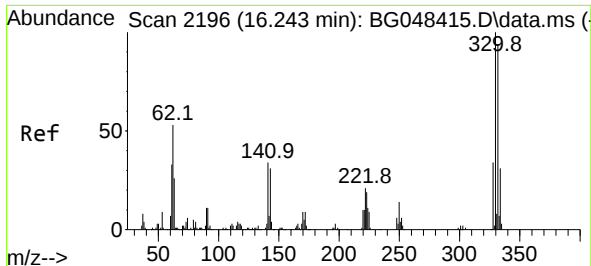
Lab File: BG048476.D

Acq: 23 Mar 2021 19:11

Tgt Ion: 164 Resp: 120824

Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.3	123.5
160	48.8	35.3	52.9

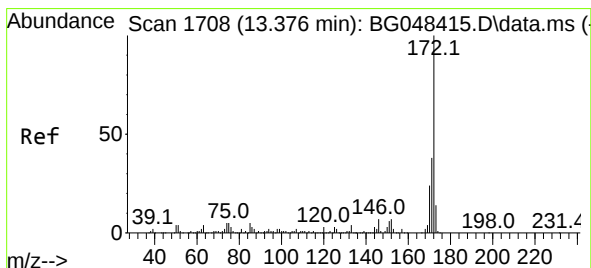
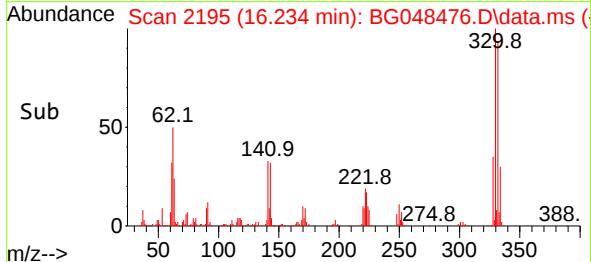
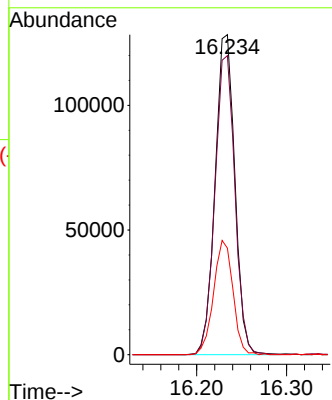
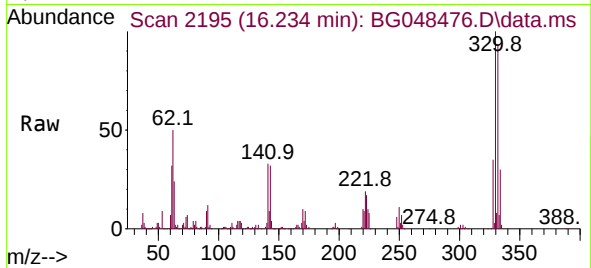




#42
2,4,6-Tribromophenol
Concen: 99.64 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

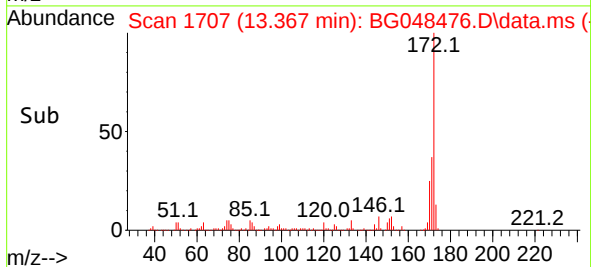
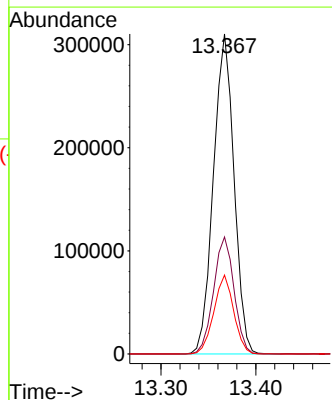
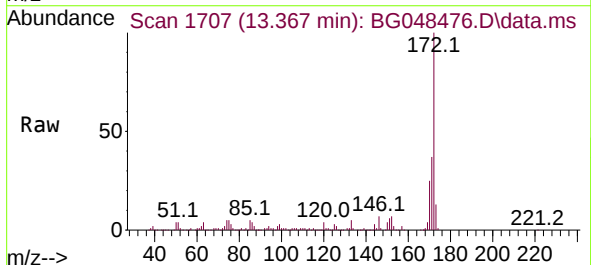
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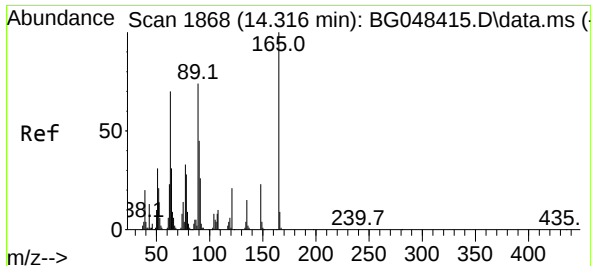
Tgt Ion:330 Resp: 195797
Ion Ratio Lower Upper
330 100
332 94.8 76.5 114.7
141 35.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.65 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion:172 Resp: 467392
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 24.6 20.8 31.2

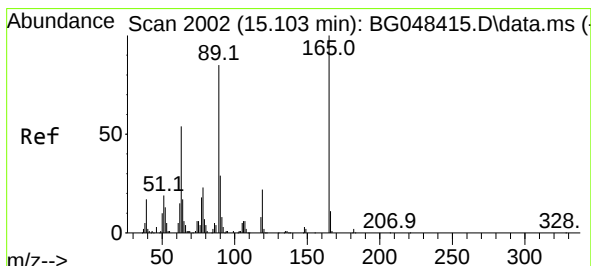
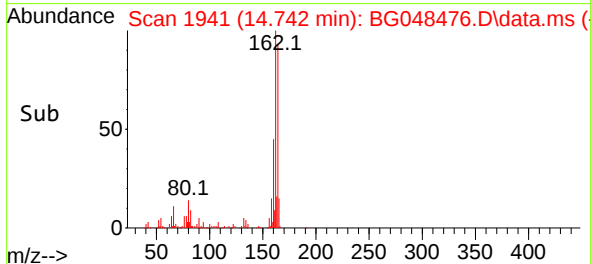
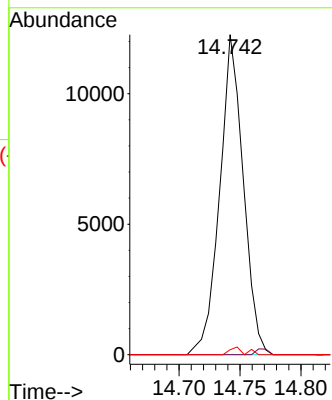
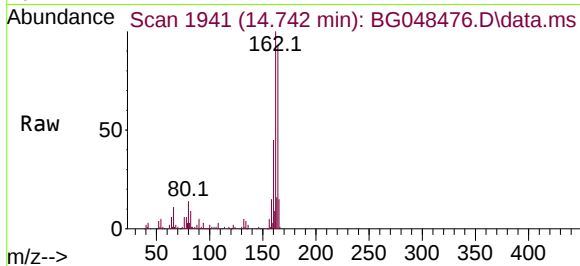




#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.429 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

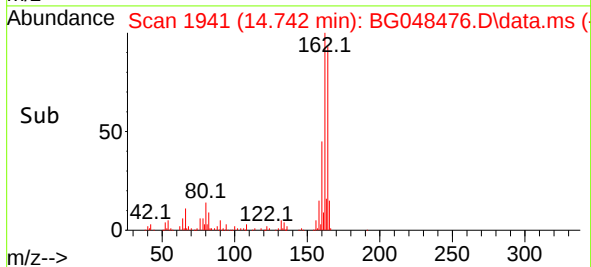
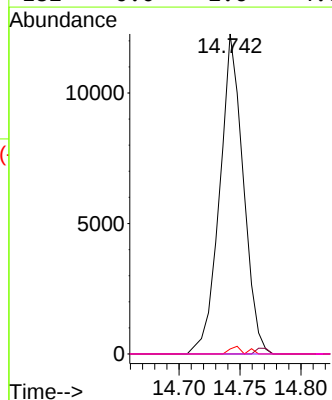
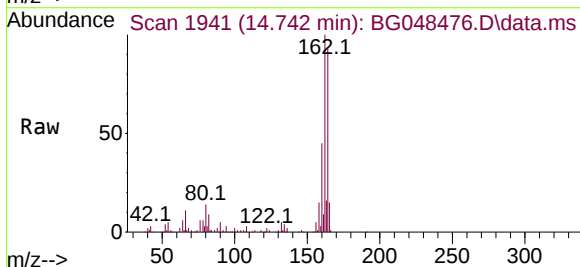
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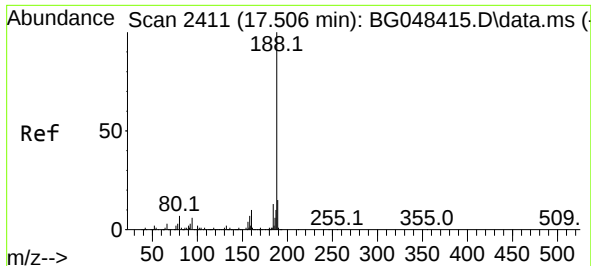
Tgt Ion:165 Resp: 16494
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion:165 Resp: 16494
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#

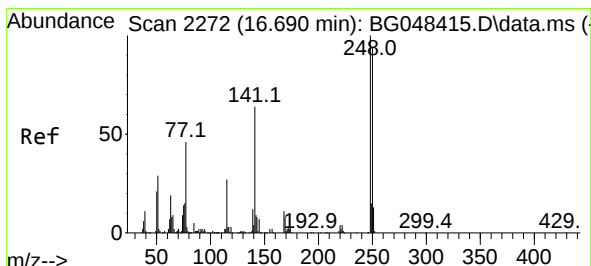
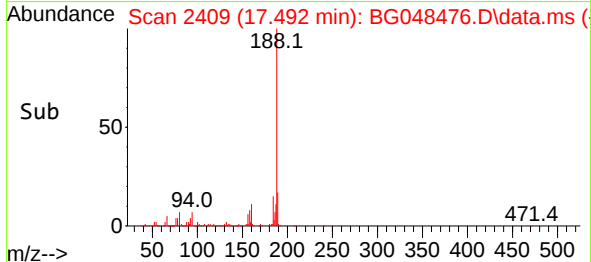
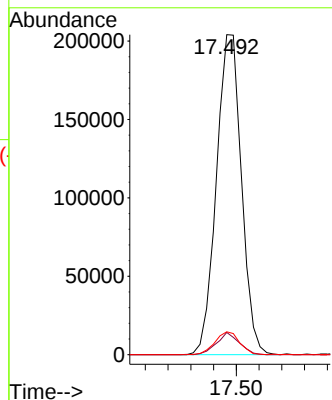
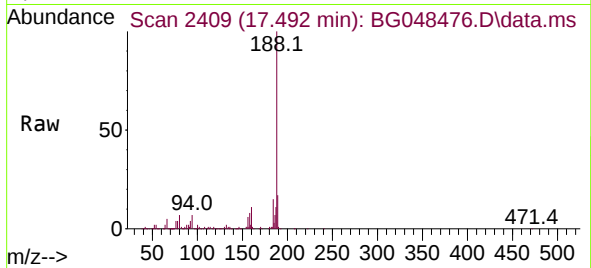




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

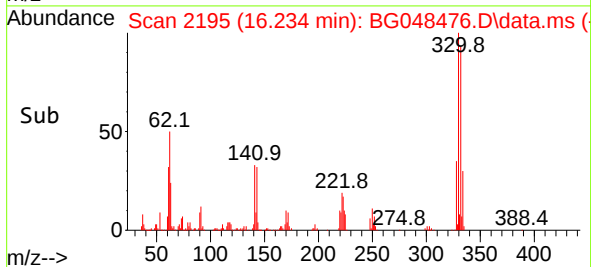
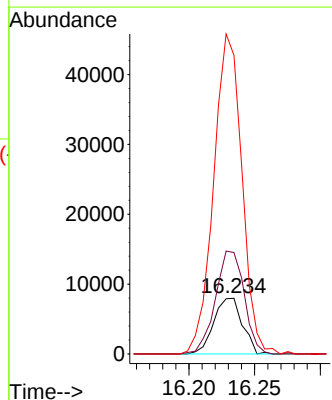
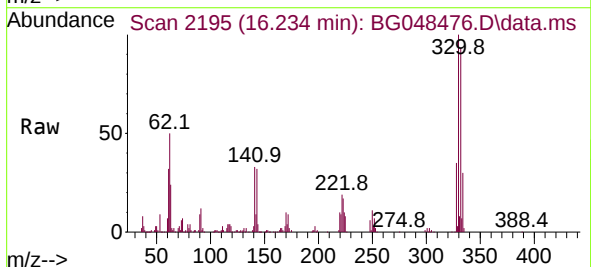
Instrument :
BNA_G
ClientSampleId :
COMP-3

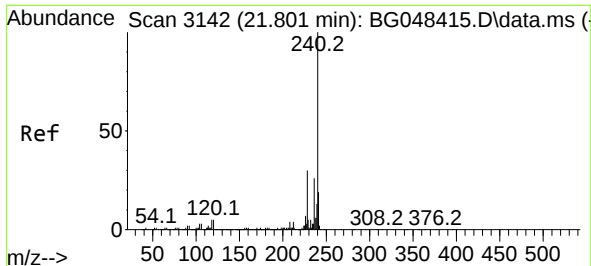
Tgt Ion:188	Resp: 312687
Ion Ratio	Lower Upper
188	100
94	6.9 6.3 9.5
80	7.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion:248	Resp: 12066
Ion Ratio	Lower Upper
248	100
250	182.2 78.9 118.3#
141	536.7 46.2 69.4#

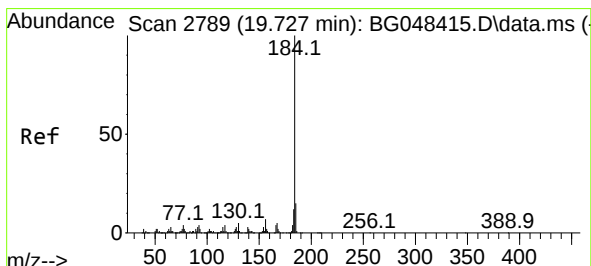
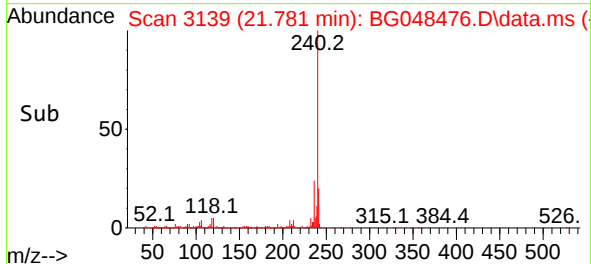
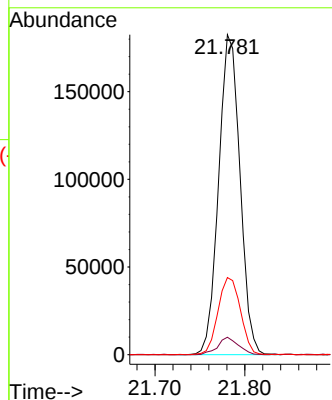
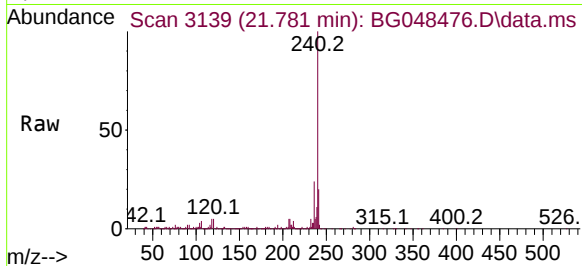




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

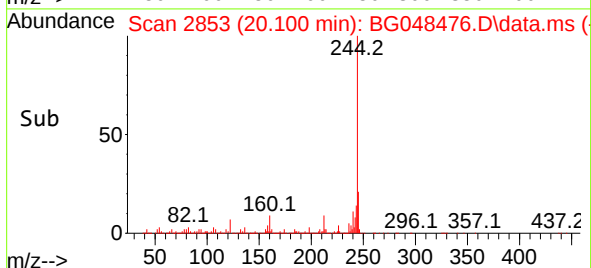
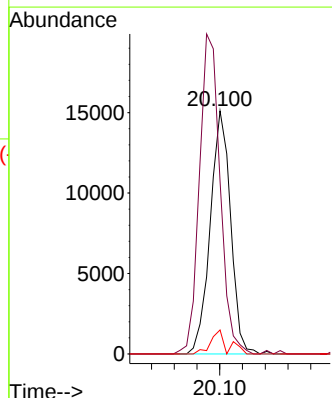
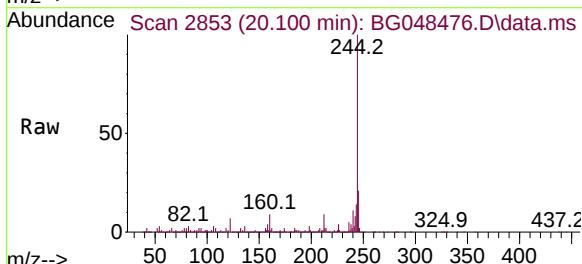
Instrument :
BNA_G
ClientSampleId :
COMP-3

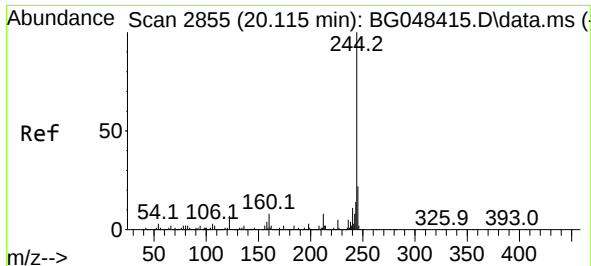
Tgt Ion:240 Resp: 301079
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 24.1 20.5 30.7



#77
Benzidine
Concen: 2.08 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.376 min
Lab File: BG048476.D
Acq: 23 Mar 2021 19:11

Tgt Ion:184 Resp: 18804
Ion Ratio Lower Upper
184 100
185 71.2 12.4 18.6#
183 9.9 10.6 15.8#

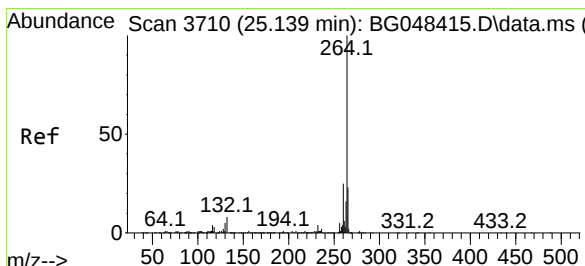
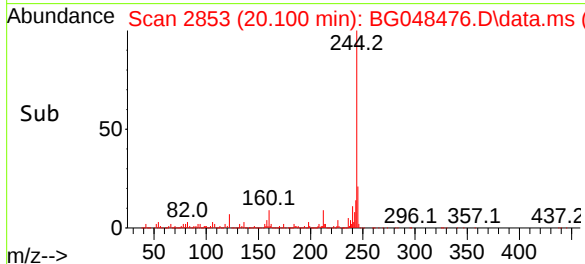
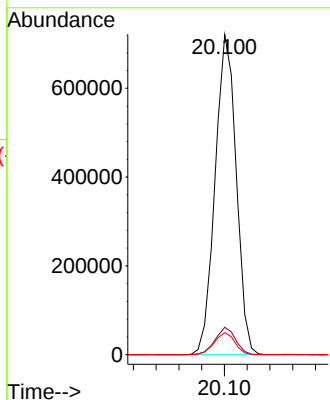
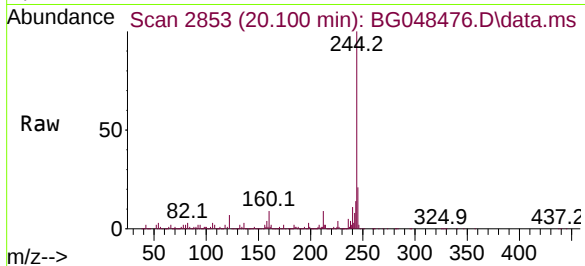




#79
 Terphenyl-d14
 Concen: 55.71 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048476.D
 Acq: 23 Mar 2021 19:11

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 930135
 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: 25.112 min Scan# 3706
 Delta R.T. -0.012 min
 Lab File: BG048476.D
 Acq: 23 Mar 2021 19:11

Tgt Ion:264 Resp: 315925
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 20.6 17.8 26.8

