

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048436.D
 Acq On : 19 Mar 2021 23:08
 Operator : CG/JU
 Sample : M1723-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 24055

Quant Time: Mar 19 23:46:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

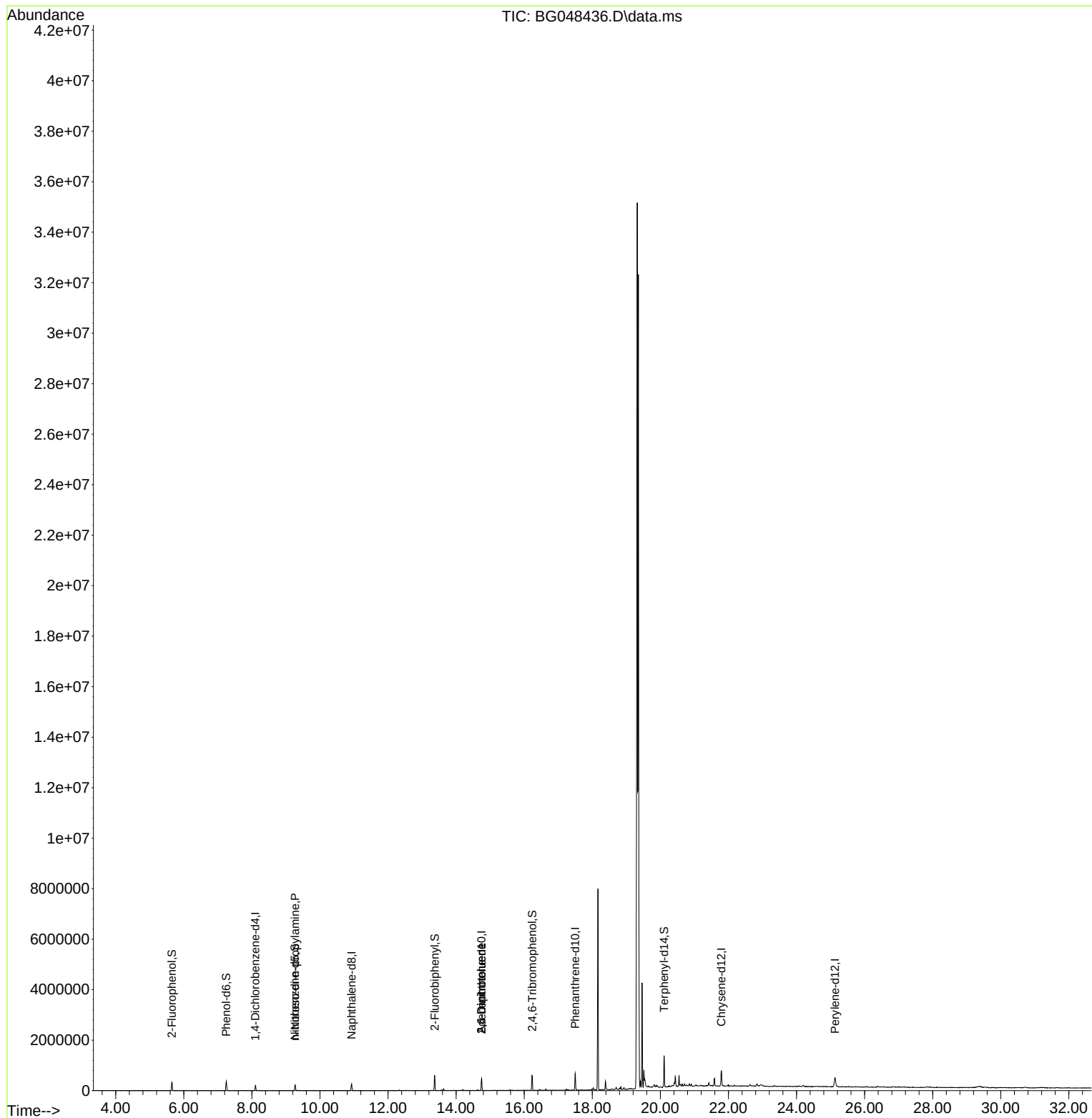
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	52203	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	207859	20.00	ng	# 0.00
39) Acenaphthene-d10	14.750	164	169779	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	407927	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	404785	20.00	ng	#-0.01
86) Perylene-d12	25.126	264	424733	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	128689	40.77	ng	0.00
7) Phenol-d6	7.247	99	185540	40.39	ng	0.00
23) Nitrobenzene-d5	9.269	82	137841	26.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.237	330	112215	40.64	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	300109	25.43	ng	0.00
79) Terphenyl-d14	20.115	244	573847	25.57	ng	0.00
Target Compounds						
9) Benzaldehyde	7.236	77	601	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.274	70	20738	6.08	ng	# 77
51) 2,6-Dinitrotoluene	14.750	165	21926	7.37	ng	# 34
57) 2,4-Dinitrotoluene	14.750	165	21926	5.19	ng	# 32

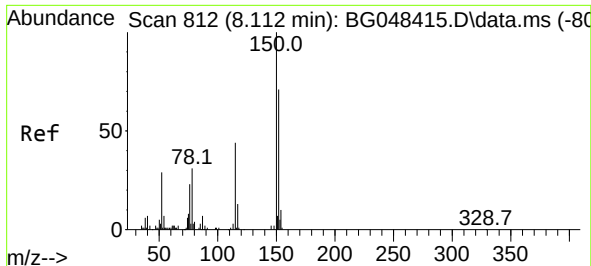
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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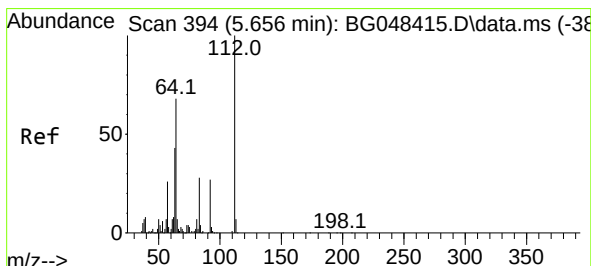
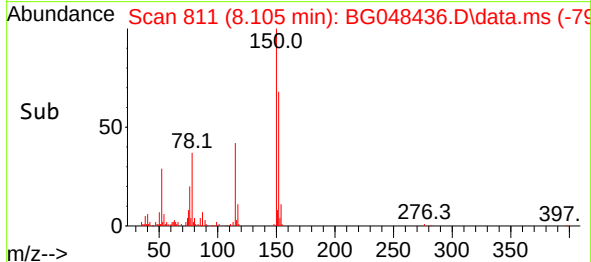
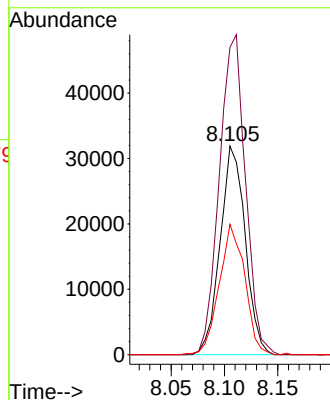
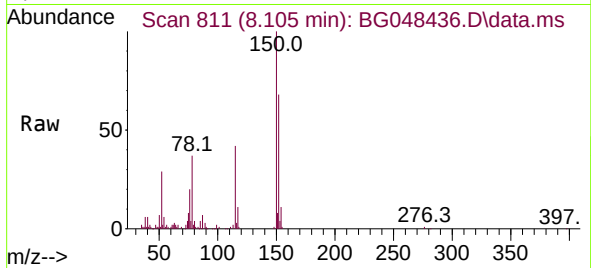




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

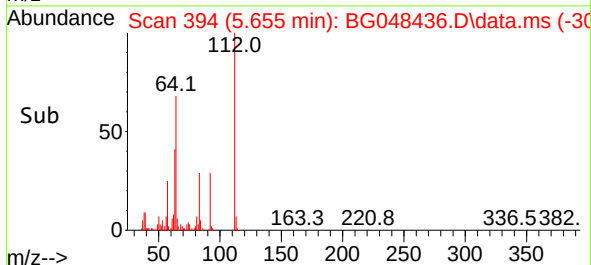
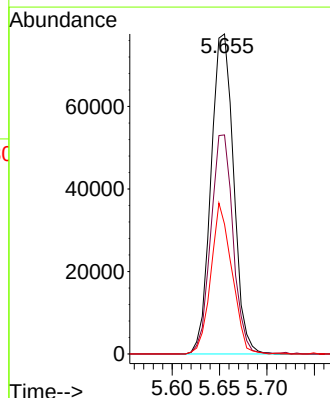
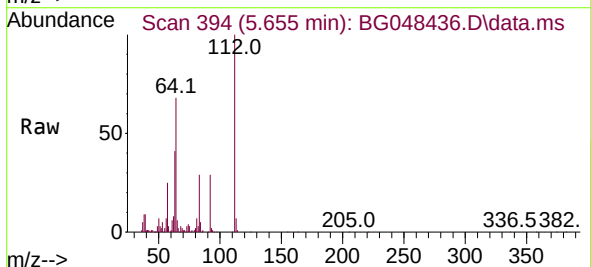
Instrument :
BNA_G
ClientSampleId :
24055

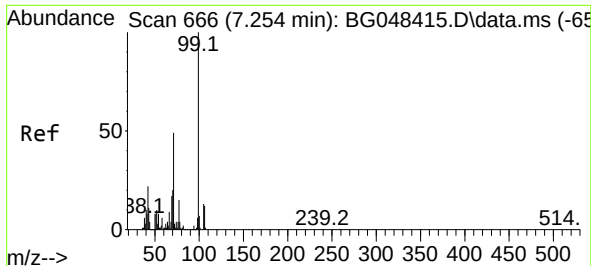
Tgt Ion:152 Resp: 52203
Ion Ratio Lower Upper
152 100
150 147.5 125.0 187.6
115 62.6 41.8 62.6



#5
2-Fluorophenol
Concen: 40.77 ng
RT: 5.655 min Scan# 394
Delta R.T. -0.000 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion:112 Resp: 128689
Ion Ratio Lower Upper
112 100
64 68.5 46.7 70.1
63 40.5 22.8 34.2#

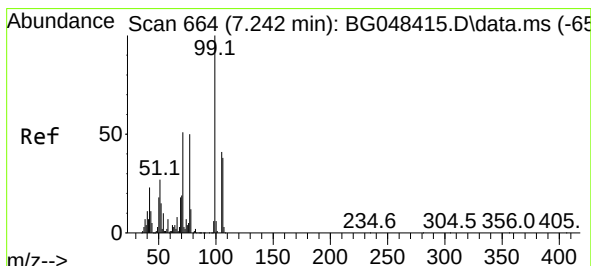
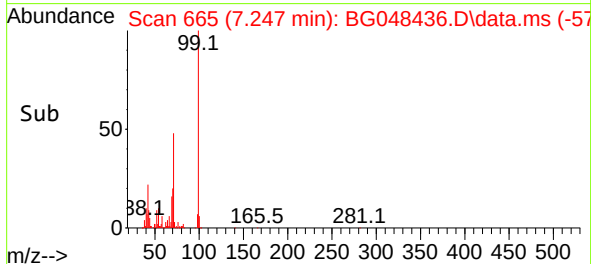
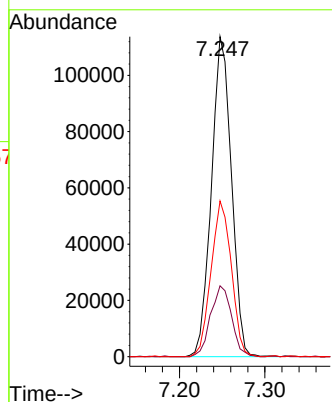
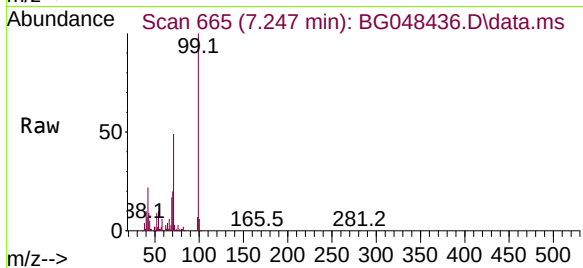




#7
Phenol-d6
Concen: 40.39 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

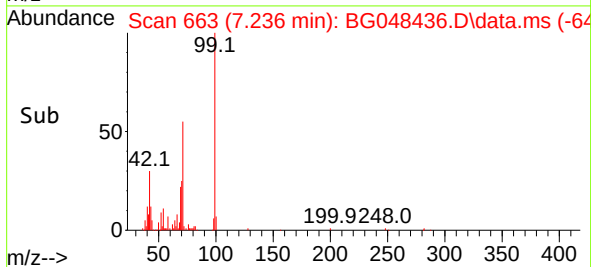
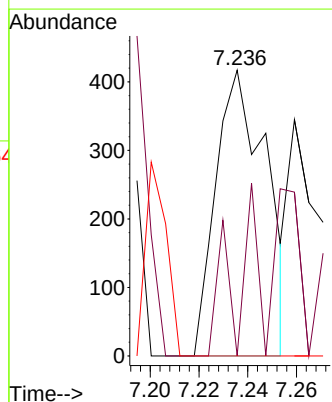
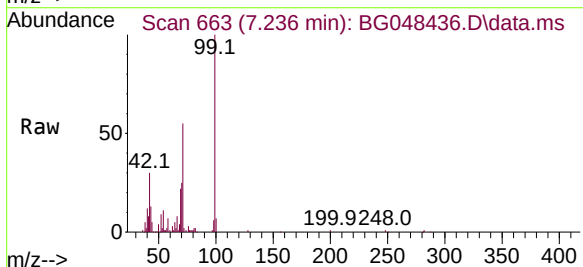
Instrument :
BNA_G
ClientSampled :
24055

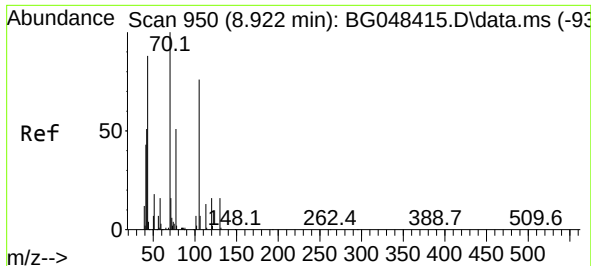
Tgt Ion: 99 Resp: 185540
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 48.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.236 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion: 77 Resp: 601
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

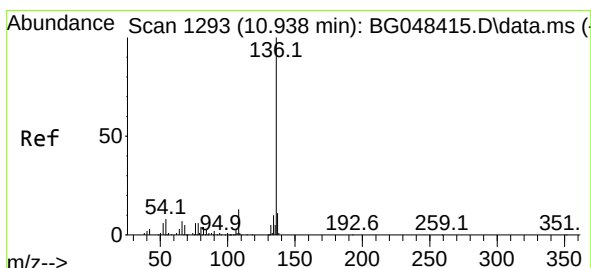
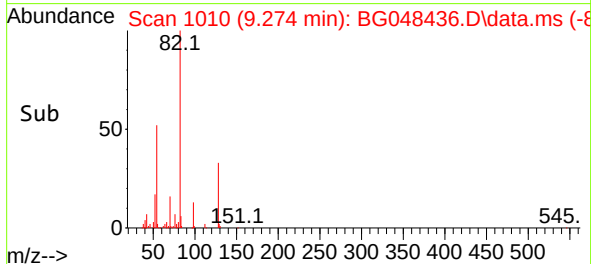
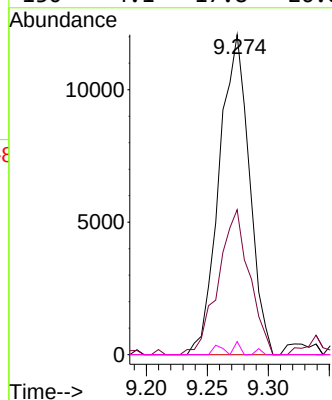
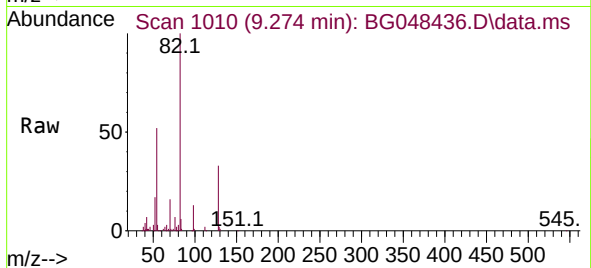




#19
n-Nitroso-di-n-propylamine
Concen: 6.08 ng
RT: 9.274 min Scan# 1010
Delta R.T. 0.352 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

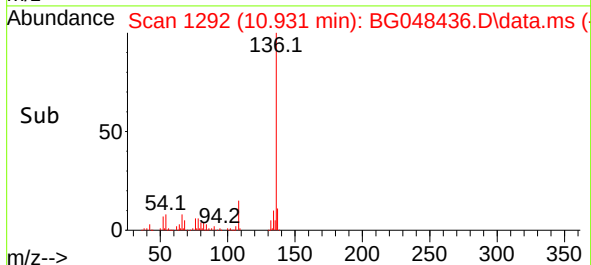
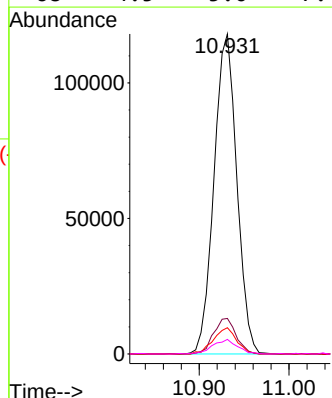
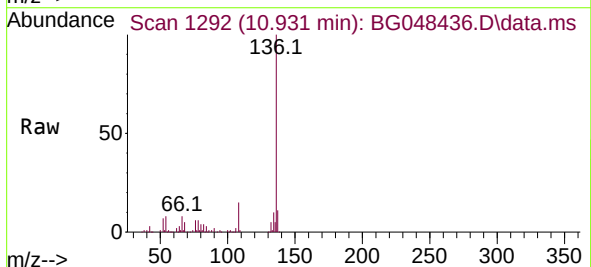
Instrument :
BNA_G
ClientSampled :
24055

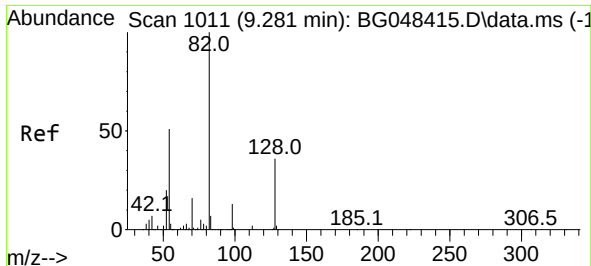
Tgt Ion:	70	Resp:	20738
Ion	Ratio	Lower	Upper
70	100		
42	45.3	45.6	68.4#
101	0.0	8.4	12.6#
130	4.1	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion:	136	Resp:	207859
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	6.2	9.4
68	4.5	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 26.51 ng

RT: 9.269 min Scan# 1009

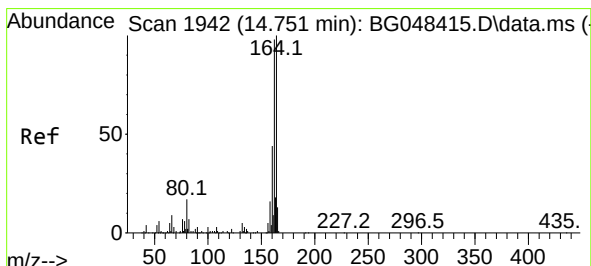
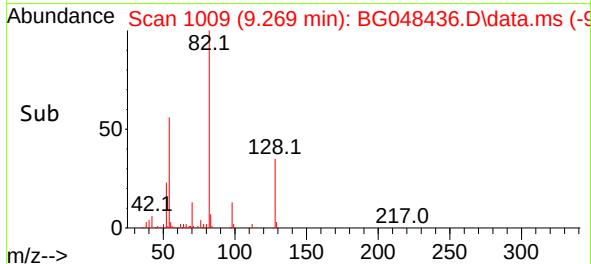
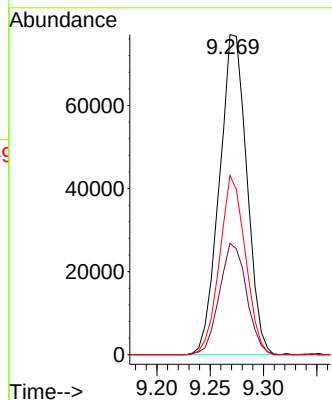
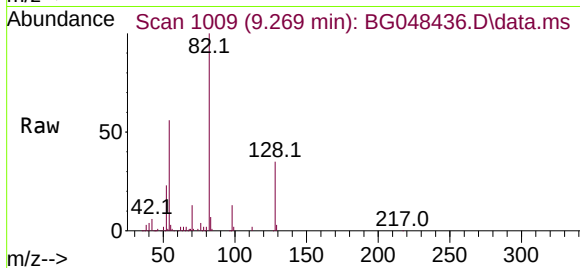
Delta R.T. -0.012 min

Lab File: BG048436.D

Acq: 19 Mar 2021 23:08

Tgt Ion: 82 Resp: 137841

Ion	Ratio	Lower	Upper
82	100		
128	34.8	37.0	55.6#
54	56.0	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.750 min Scan# 1942

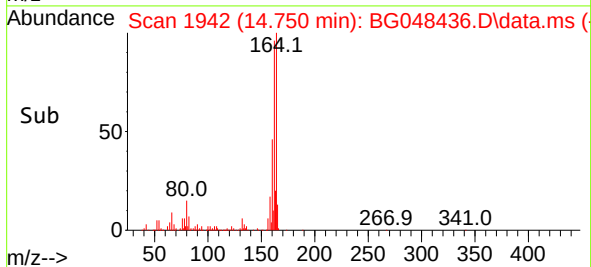
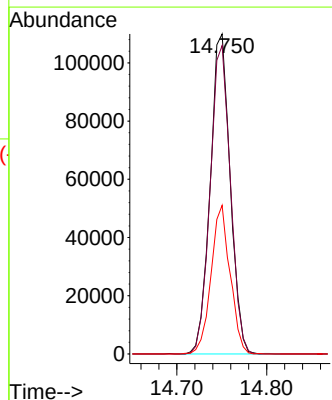
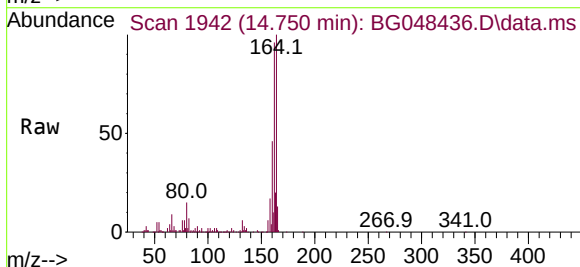
Delta R.T. -0.000 min

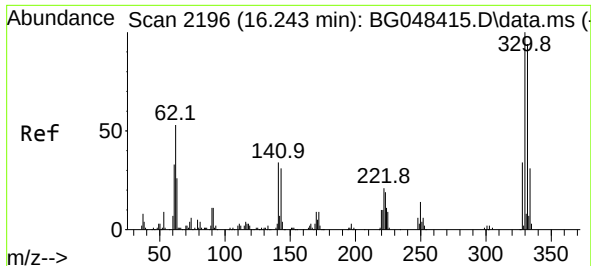
Lab File: BG048436.D

Acq: 19 Mar 2021 23:08

Tgt Ion: 164 Resp: 169779

Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.3	123.5
160	46.4	35.3	52.9

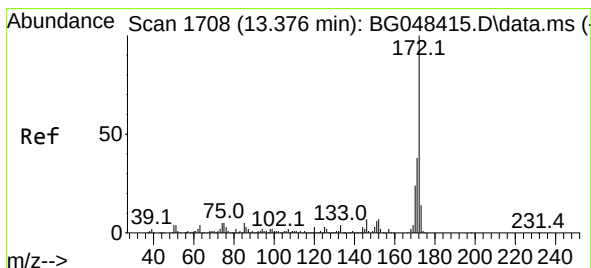
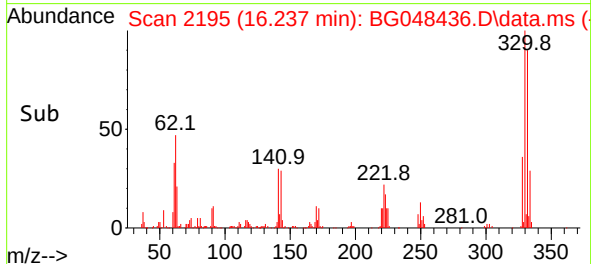
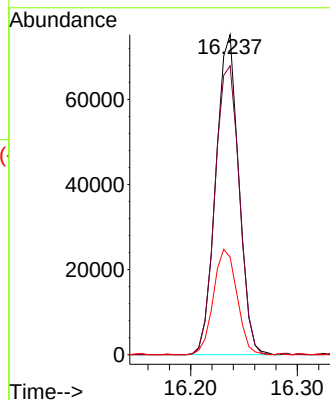
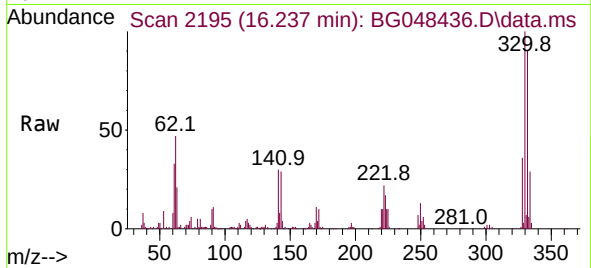




#42
2,4,6-Tribromophenol
Concen: 40.64 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

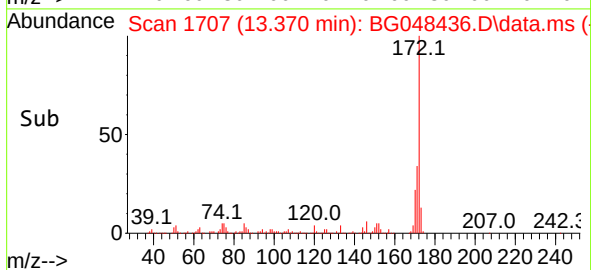
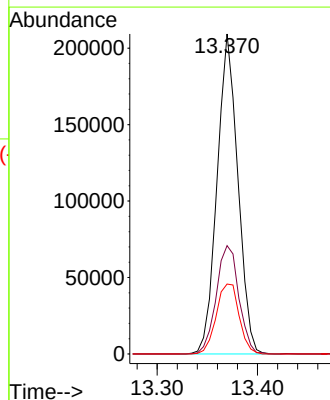
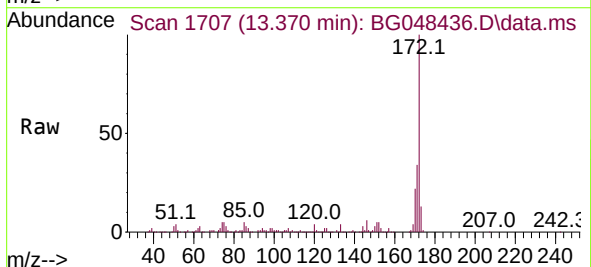
Instrument :
BNA_G
ClientSampleId :
24055

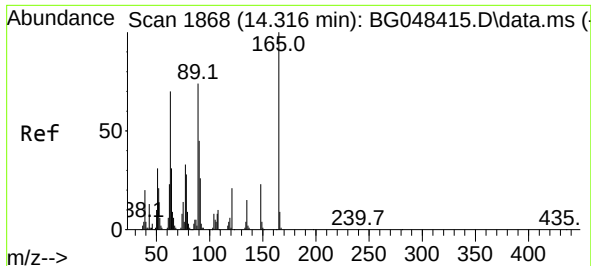
Tgt Ion:330 Resp: 112215
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 33.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 25.43 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion:172 Resp: 300109
Ion Ratio Lower Upper
172 100
171 33.9 31.3 46.9
170 21.9 20.8 31.2

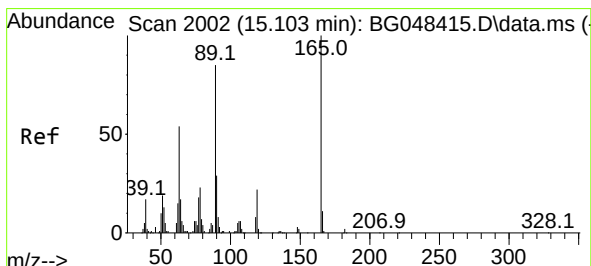
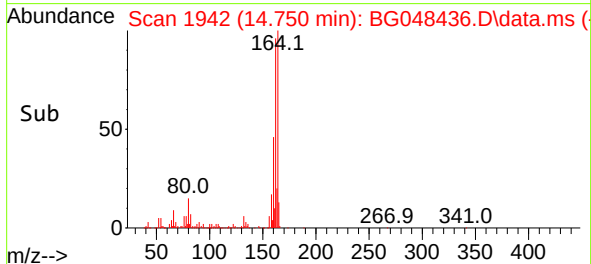
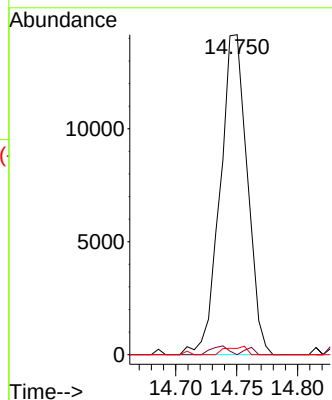
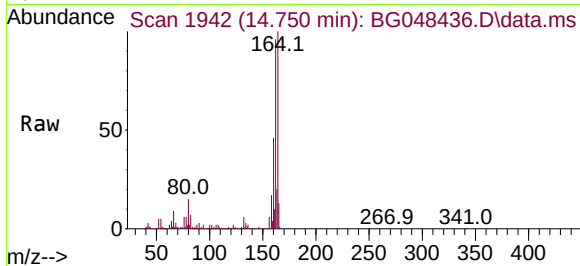




#51
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.434 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

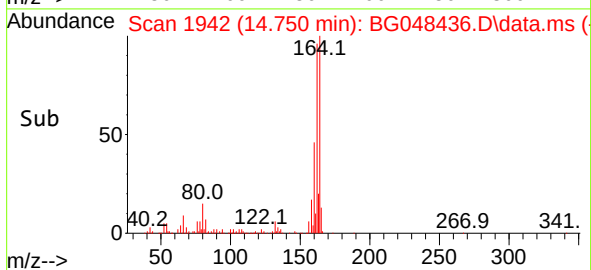
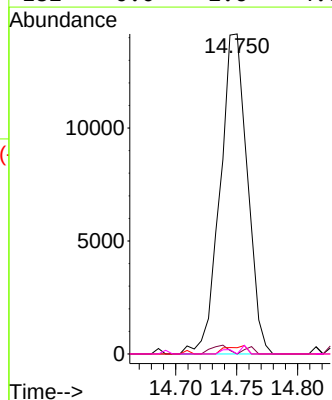
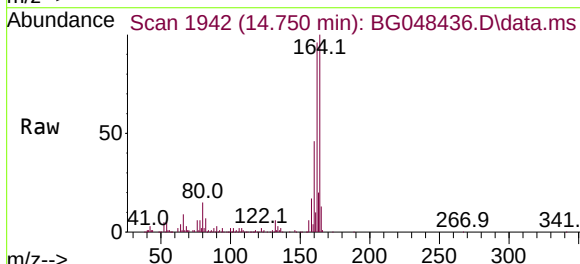
Instrument :
BNA_G
ClientSampled :
24055

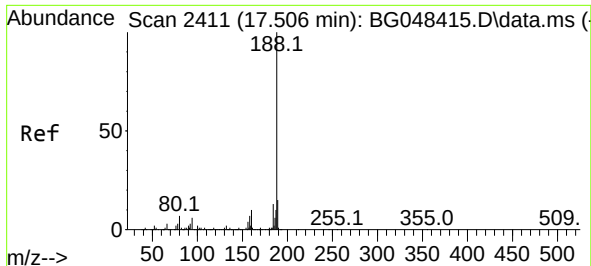
Tgt Ion:165 Resp: 21926
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.19 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.353 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion:165 Resp: 21926
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#

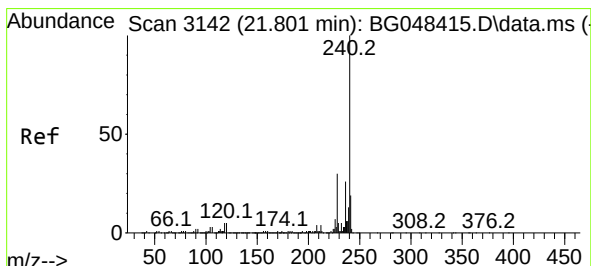
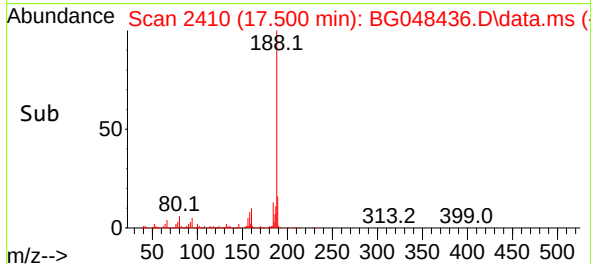
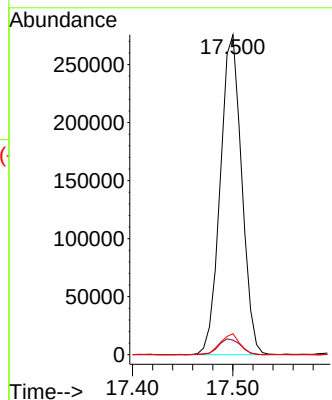
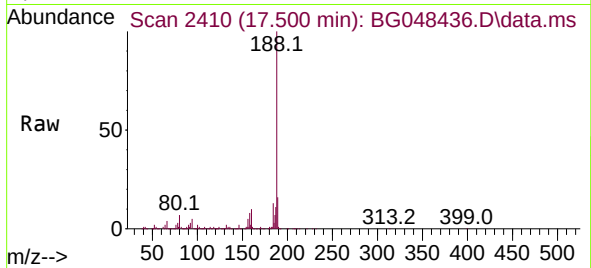




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

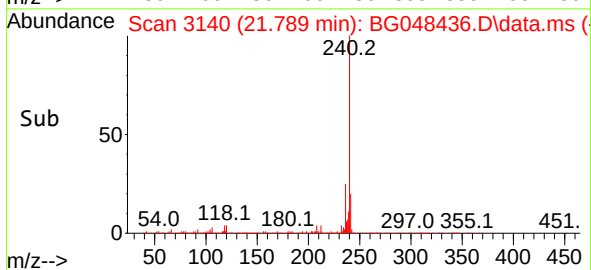
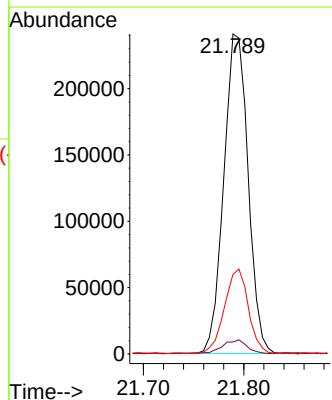
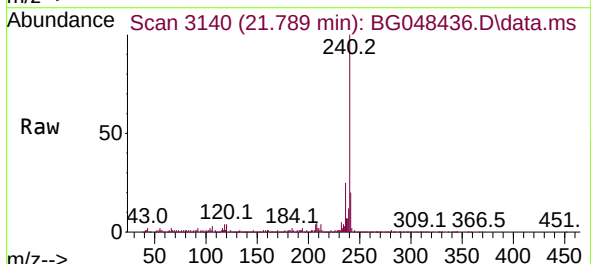
Instrument :
BNA_G
ClientSampled :
24055

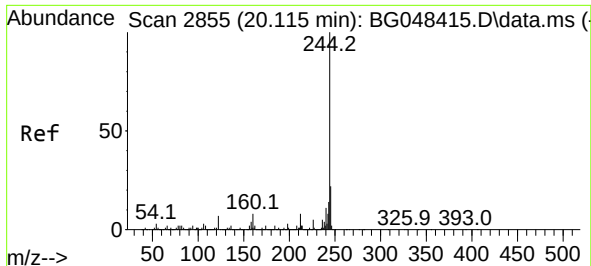
Tgt Ion:188 Resp: 407927
Ion Ratio Lower Upper
188 100
94 4.6 6.3 9.5#
80 6.6 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion:240 Resp: 404785
Ion Ratio Lower Upper
240 100
120 3.8 6.2 9.4#
236 24.9 20.5 30.7

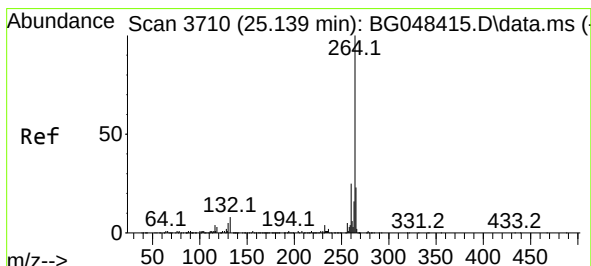
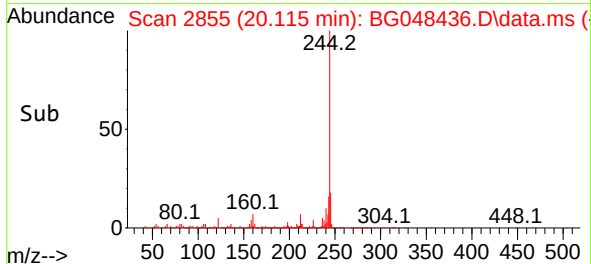
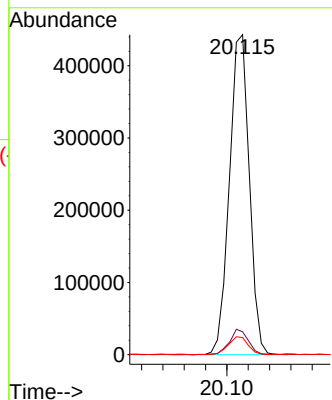
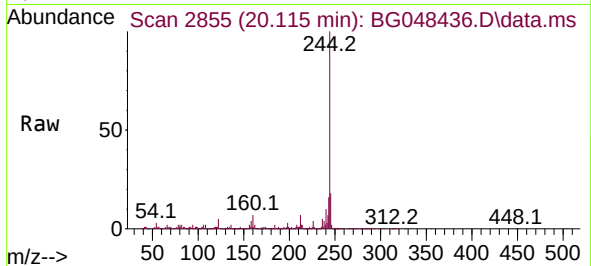




#79
Terphenyl-d14
Concen: 25.57 ng
RT: 20.115 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Instrument :
BNA_G
ClientSampled :
24055

Tgt Ion:244 Resp: 573847
Ion Ratio Lower Upper
244 100
212 7.1 6.7 10.1
122 5.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.126 min Scan# 3708
Delta R.T. -0.012 min
Lab File: BG048436.D
Acq: 19 Mar 2021 23:08

Tgt Ion:264 Resp: 424733
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.3 17.8 26.8

