

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048433.D
 Acq On : 19 Mar 2021 21:07
 Operator : CG/JU
 Sample : M1732-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(0.5-1.0)

Quant Time: Mar 19 22:52:51 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)

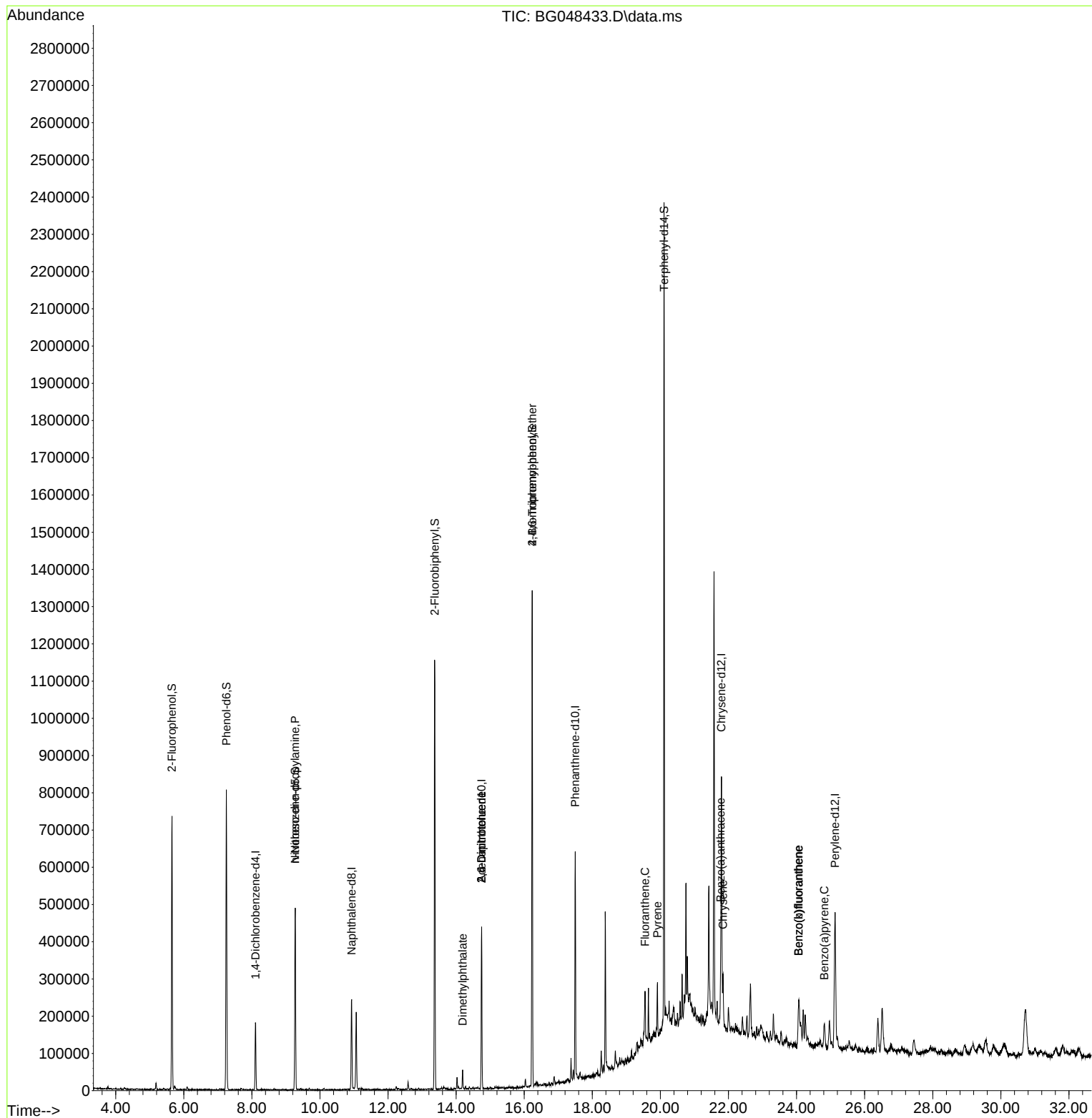
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	48464	20.00	ng	0.00
21) Naphthalene-d8	10.930	136	188893	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	152558	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	380326	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	386551	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	396477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	275180	93.90	ng	0.00
7) Phenol-d6	7.252	99	391766	91.87	ng	0.00
23) Nitrobenzene-d5	9.273	82	298345	63.15	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	245475	98.94	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	588019	55.45	ng	0.00
79) Terphenyl-d14	20.107	244	996130	46.47	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.240	77	8486	Below Cal	#	69
19) n-Nitroso-di-n-propyla...	9.273	70	45548	14.39	ng	# 73
50) Dimethylphthalate	14.191	163	29896	2.41	ng	100
51) 2,6-Dinitrotoluene	14.749	165	19927	7.46	ng	# 35
57) 2,4-Dinitrotoluene	14.749	165	19927	5.25	ng	# 33
67) 4-Bromophenyl-phenylether	16.236	248	16835	3.51	ng	# 1
75) Fluoranthene	19.549	202	56339	2.11	ng	97
78) Pyrene	19.914	202	95978	3.62	ng	96
81) Benzo(a)anthracene	21.770	228	93481	3.49	ng	98
83) Chrysene	21.841	228	128256	4.99	ng	97
88) Benzo(b)fluoranthene	24.062	252	170483	6.10	ng	# 92
89) Benzo(k)fluoranthene	24.062	252	170483	6.47	ng	# 91
90) Benzo(a)pyrene	24.814	252	80664	3.17	ng	97

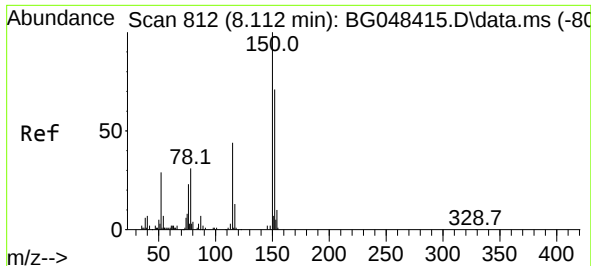
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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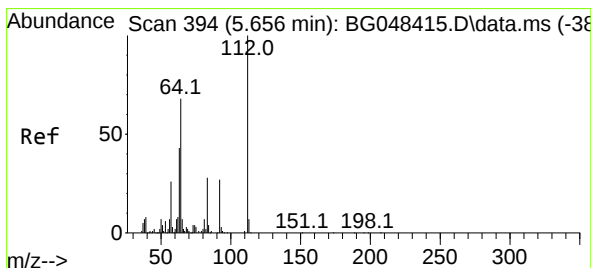
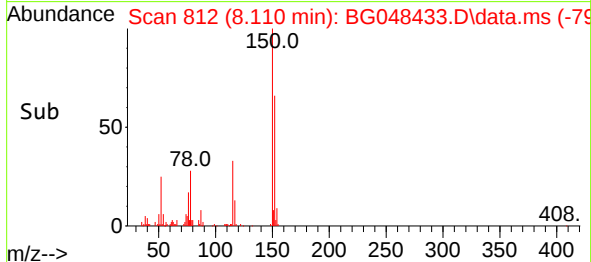
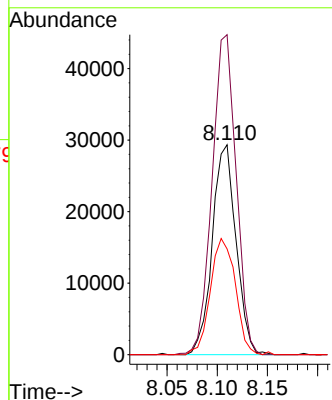
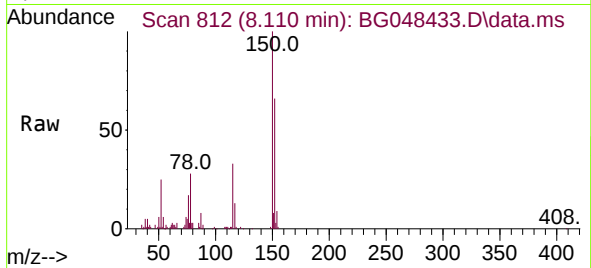




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

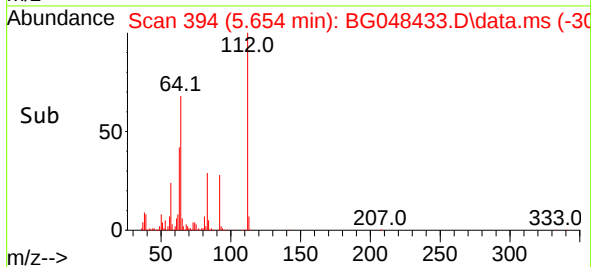
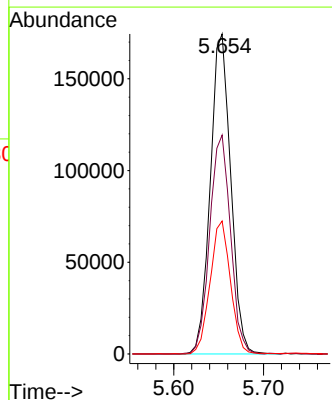
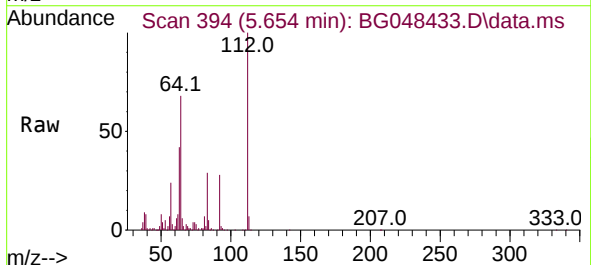
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BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

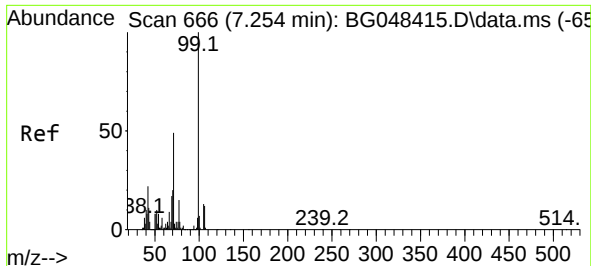
Tgt Ion:152 Resp: 48464
Ion Ratio Lower Upper
152 100
150 152.4 125.0 187.6
115 50.4 41.8 62.6



#5
2-Fluorophenol
Concen: 93.90 ng
RT: 5.654 min Scan# 394
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:112 Resp: 275180
Ion Ratio Lower Upper
112 100
64 68.4 46.7 70.1
63 41.5 22.8 34.2#

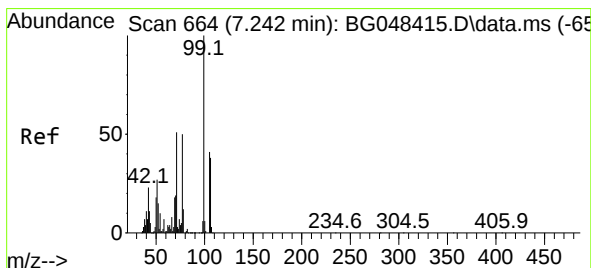
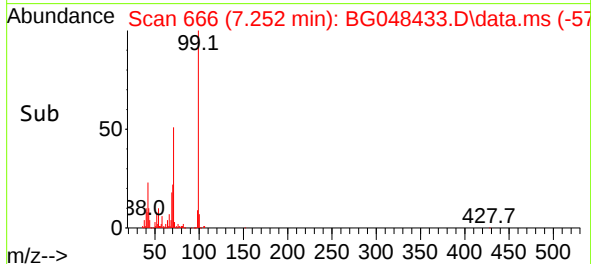
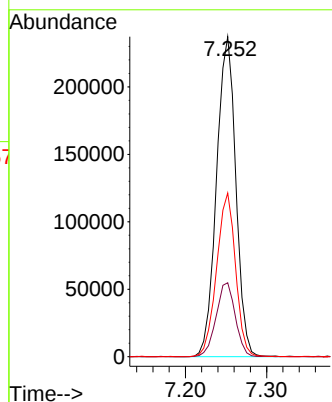
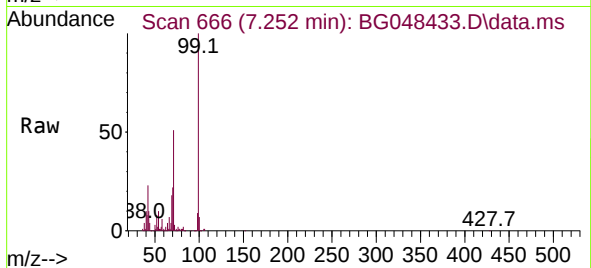




#7
Phenol-d6
Concen: 91.87 ng
RT: 7.252 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

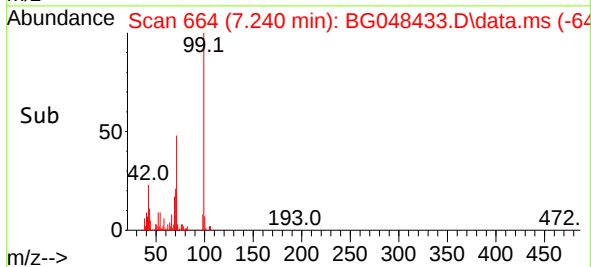
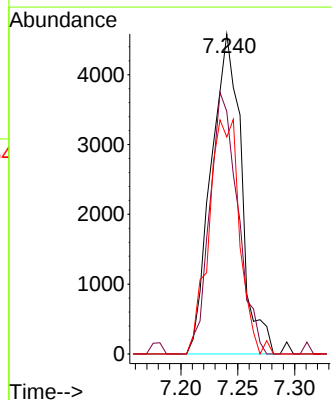
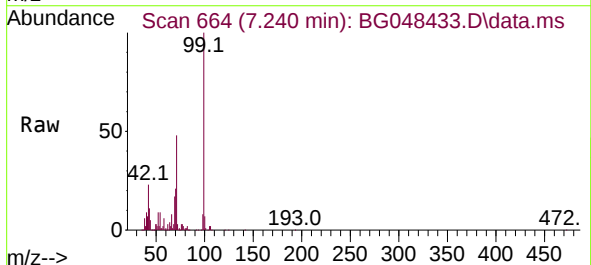
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

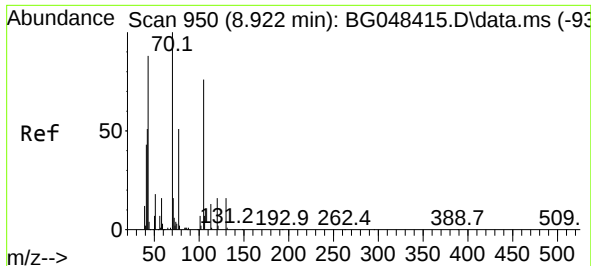
Tgt Ion: 99 Resp: 391766
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 51.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.240 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion: 77 Resp: 8486
Ion Ratio Lower Upper
77 100
105 75.8 85.9 125.9#
106 67.8 80.9 120.9#

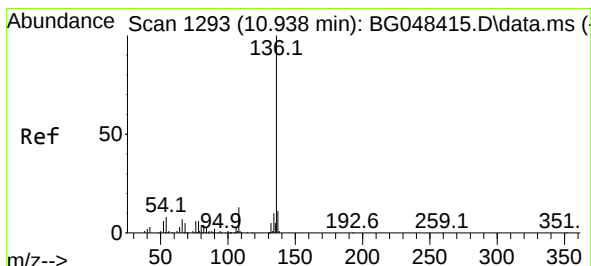
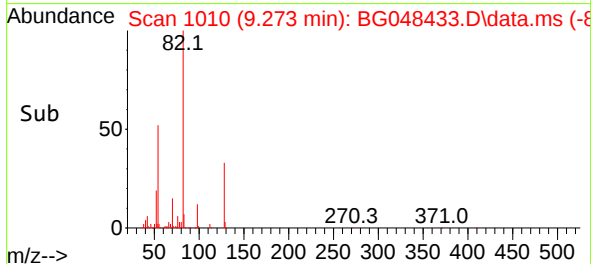
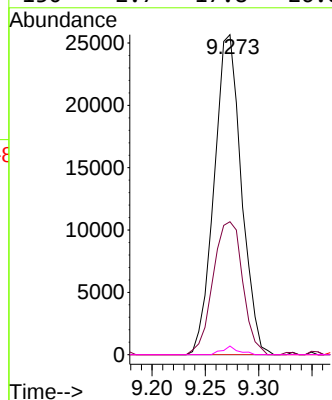
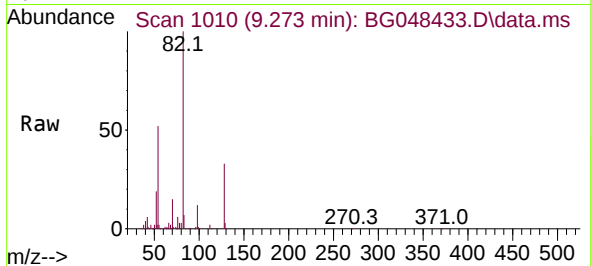




#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.351 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

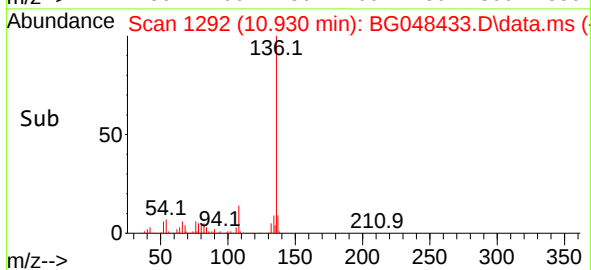
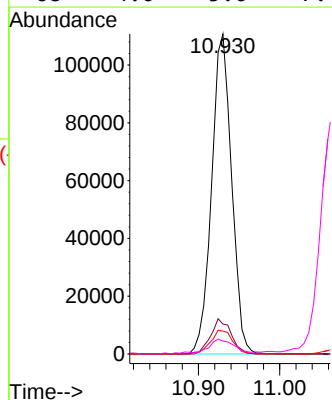
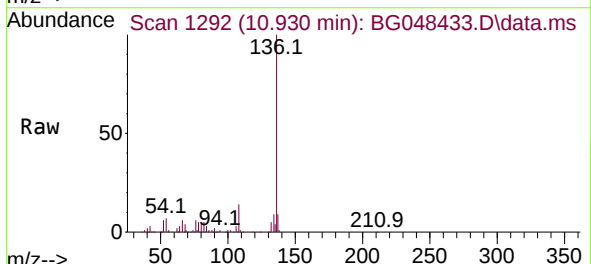
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

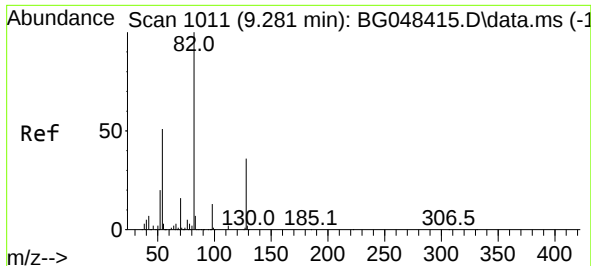
Tgt Ion: 70	Resp: 45548
Ion Ratio	Lower Upper
70 100	
42 41.5	45.6 68.4#
101 0.0	8.4 12.6#
130 2.7	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion: 136	Resp: 188893
Ion Ratio	Lower Upper
136 100	
137 9.4	9.1 13.7
54 7.1	6.2 9.4
68 4.0	5.0 7.4#

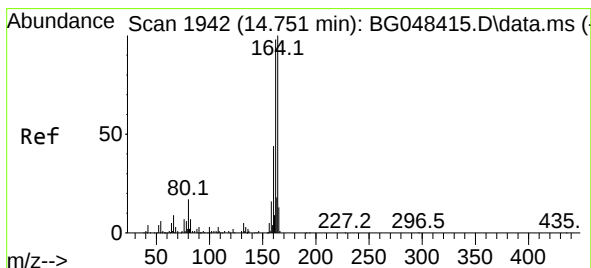
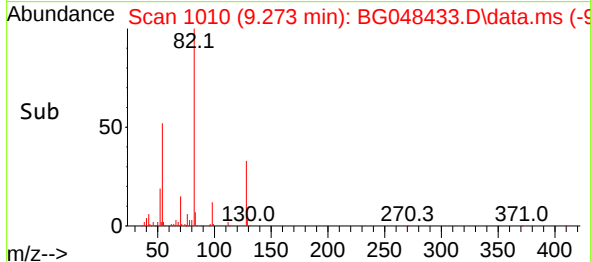
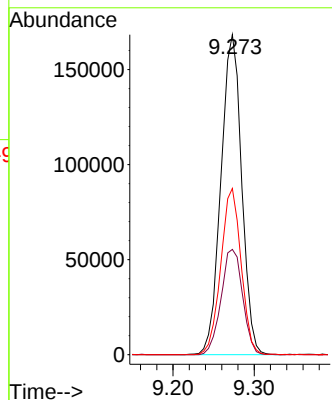
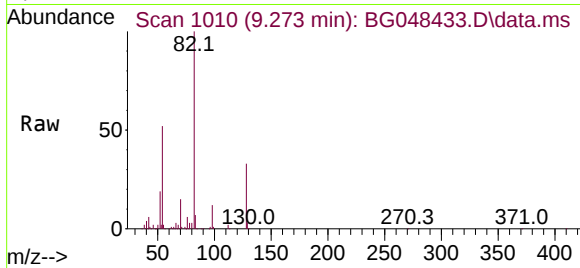




#23
Nitrobenzene-d5
Concen: 63.15 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

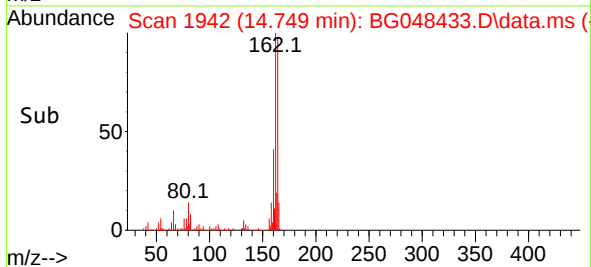
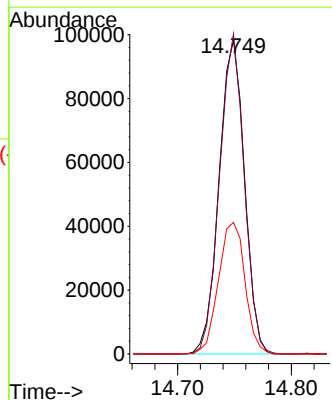
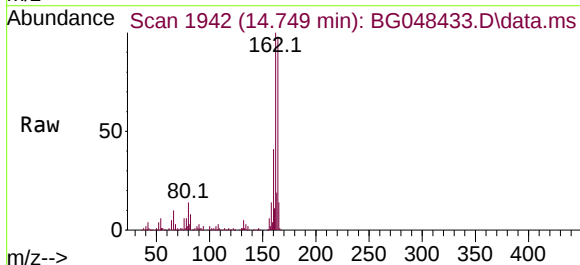
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

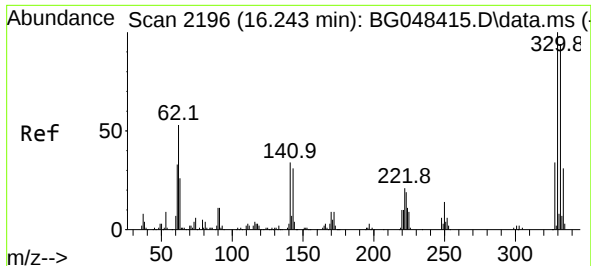
Tgt Ion: 82 Resp: 298345
Ion Ratio Lower Upper
82 100
128 32.9 37.0 55.6#
54 51.9 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:164 Resp: 152558
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 42.0 35.3 52.9

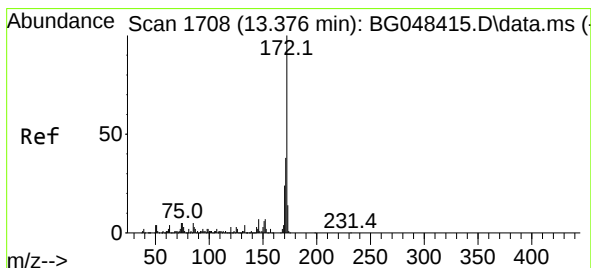
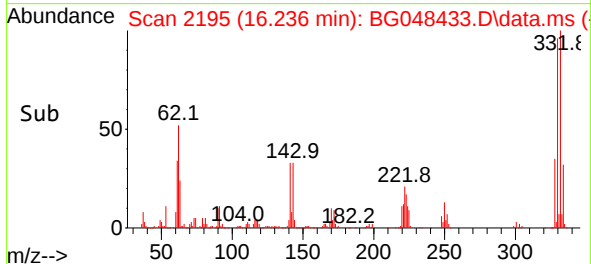
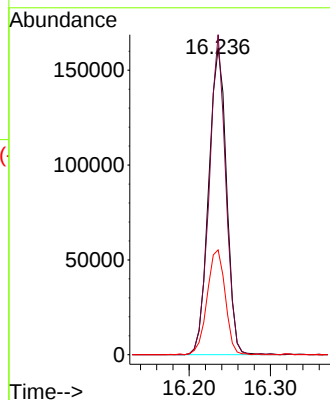
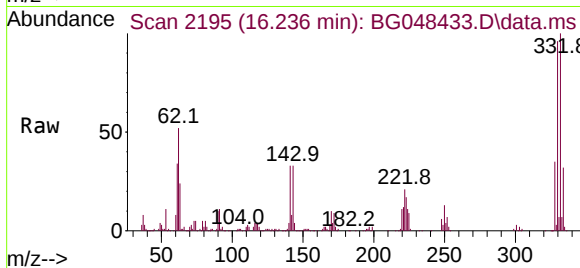




#42
2,4,6-Tribromophenol
Concen: 98.94 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

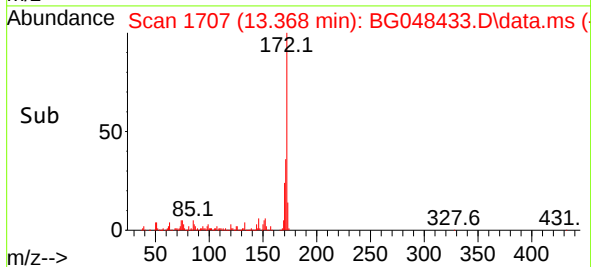
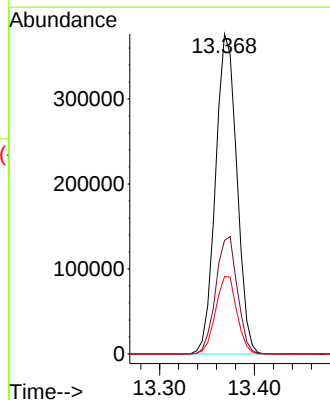
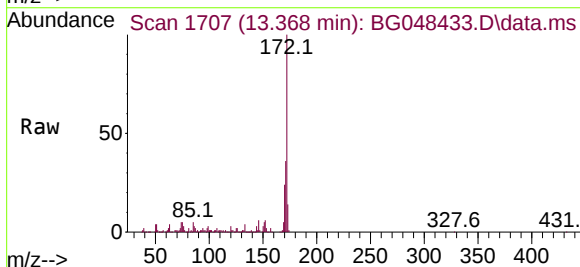
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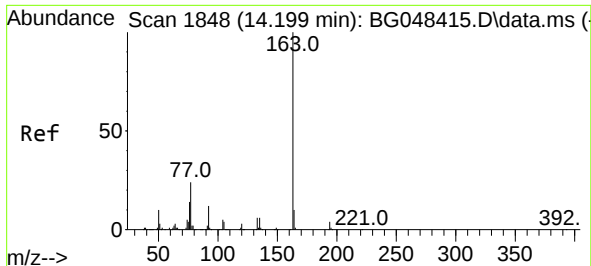
Tgt Ion:330 Resp: 245475
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.45 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:172 Resp: 588019
Ion Ratio Lower Upper
172 100
171 35.5 31.3 46.9
170 24.2 20.8 31.2

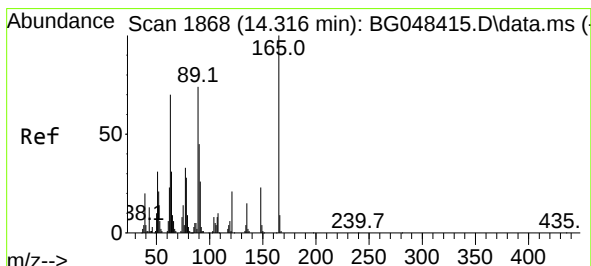
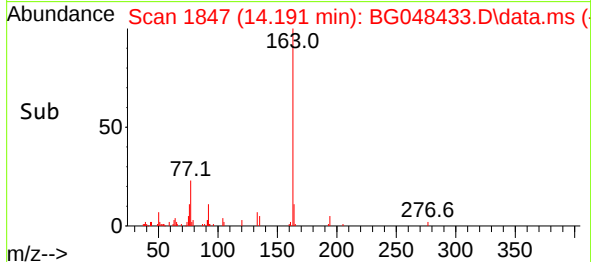
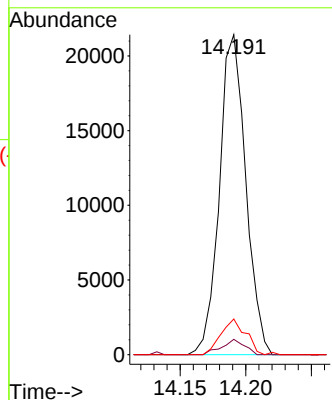
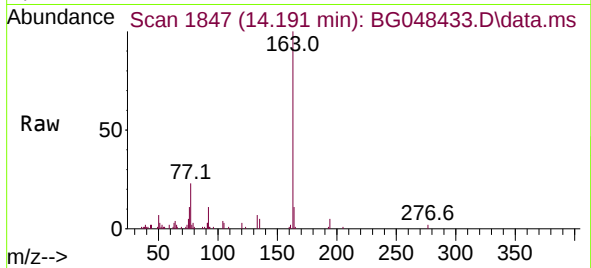




#50
Dimethylphthalate
Concen: 2.41 ng
RT: 14.191 min Scan# 1847
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

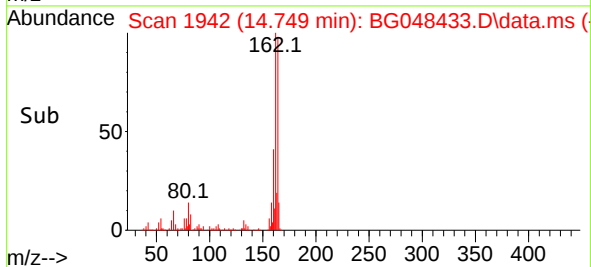
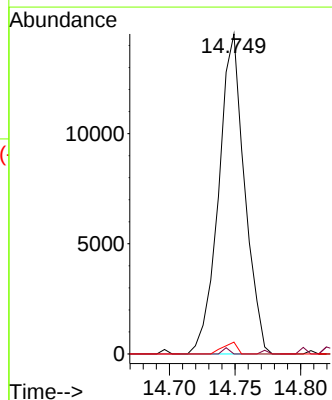
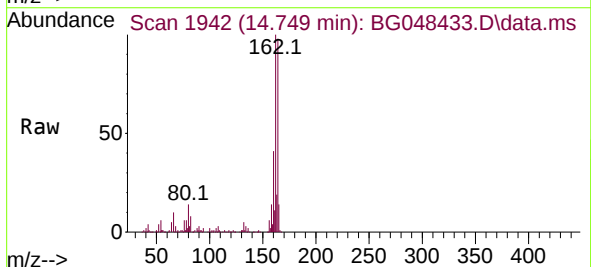
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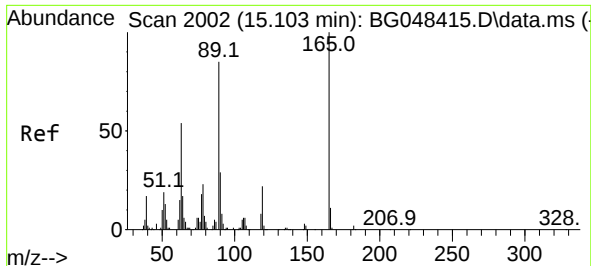
Tgt Ion:163 Resp: 29896
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 11.2 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.46 ng
RT: 14.749 min Scan# 1942
Delta R.T. 0.433 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

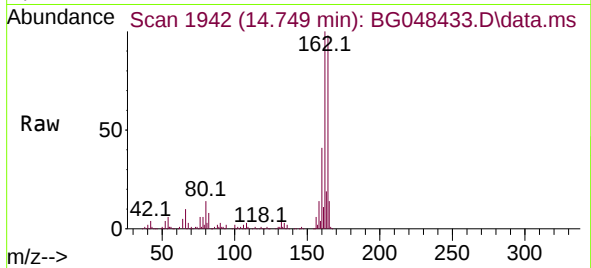
Tgt Ion:165 Resp: 19927
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.7 36.6 54.8#



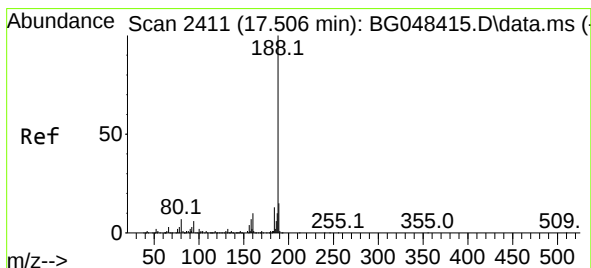
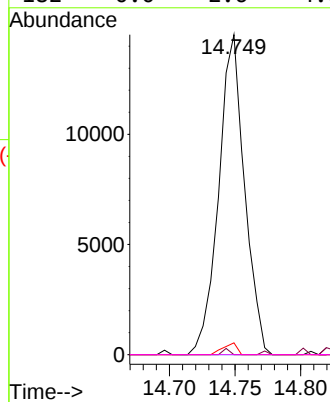
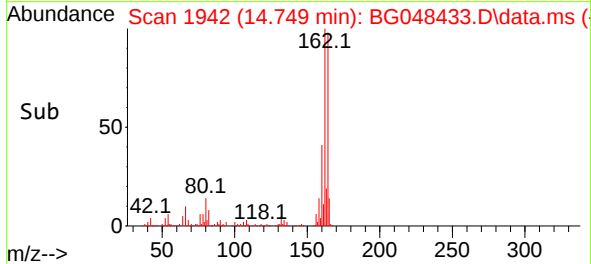


#57
2,4-Dinitrotoluene
Concen: 5.25 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.354 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

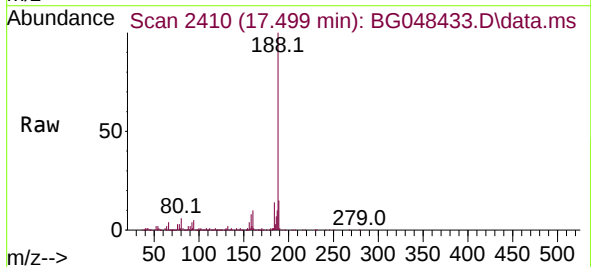
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)



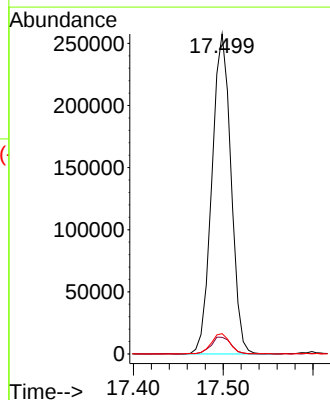
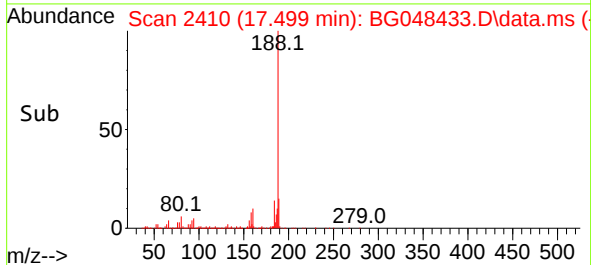
Tgt Ion:165 Resp: 19927
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 3.7 47.8 71.8#
182 0.0 2.6 4.0#

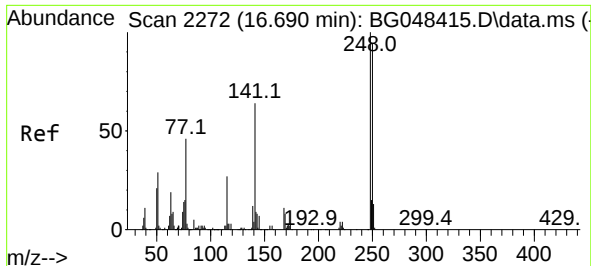


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07



Tgt Ion:188 Resp: 380326
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.3 7.0 10.6#

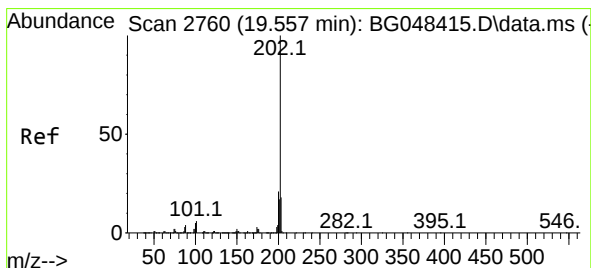
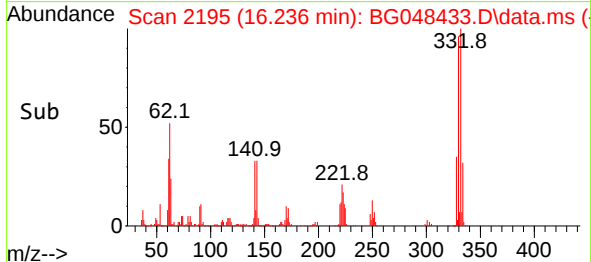
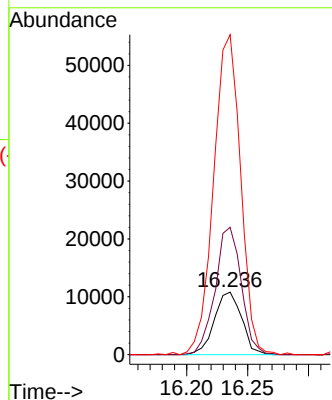
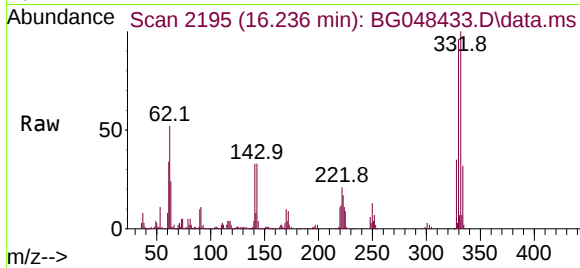




#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.454 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

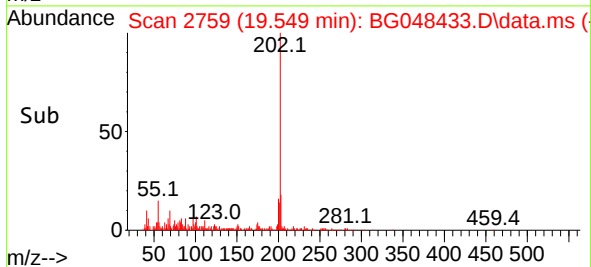
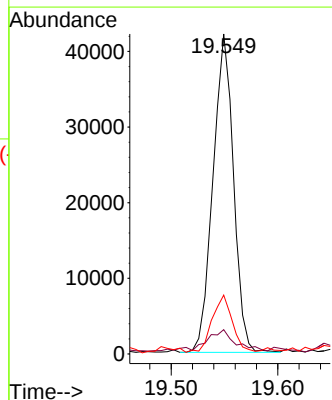
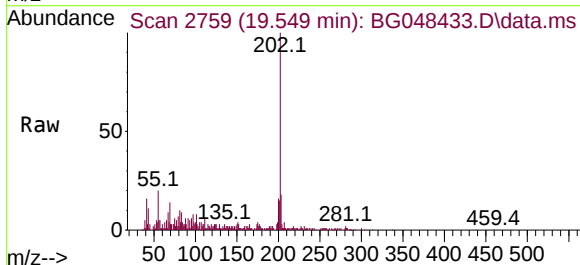
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

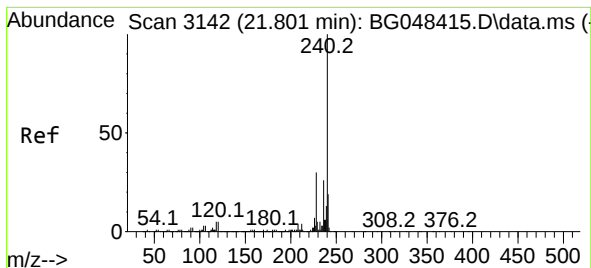
Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.8	78.9	118.3#
141	511.9	46.2	69.4#



#75
Fluoranthene
Concen: 2.11 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.7
203	18.4	0.0	39.2

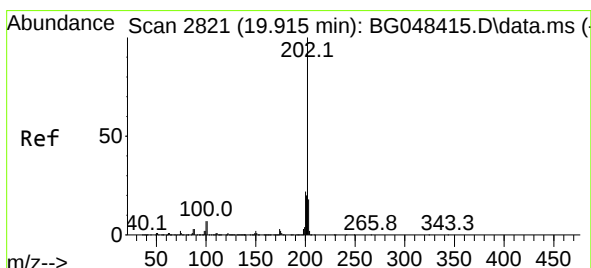
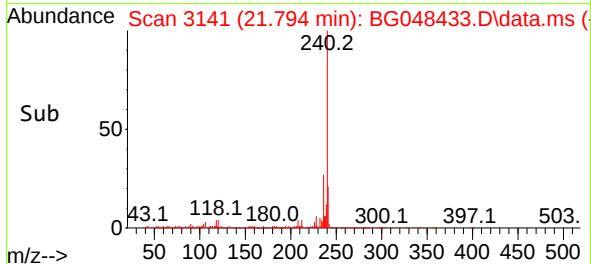
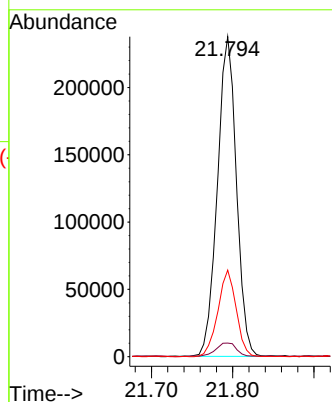
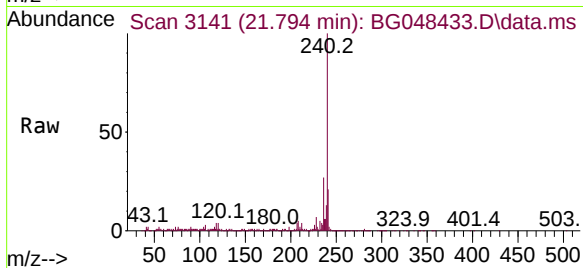




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

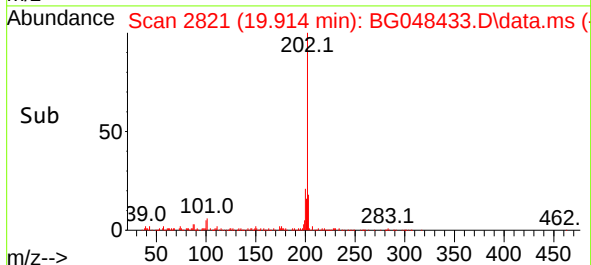
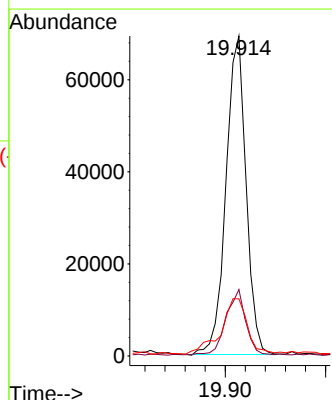
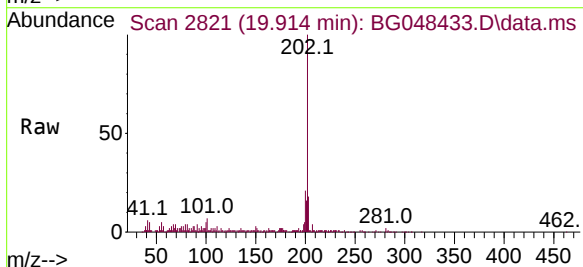
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

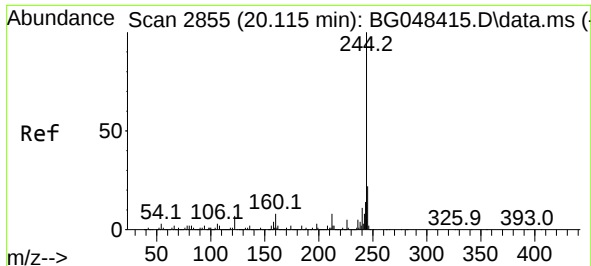
Tgt Ion:240 Resp: 386551
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 27.0 20.5 30.7



#78
Pyrene
Concen: 3.62 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:202 Resp: 95978
Ion Ratio Lower Upper
202 100
200 20.7 18.6 27.8
203 17.8 15.3 22.9

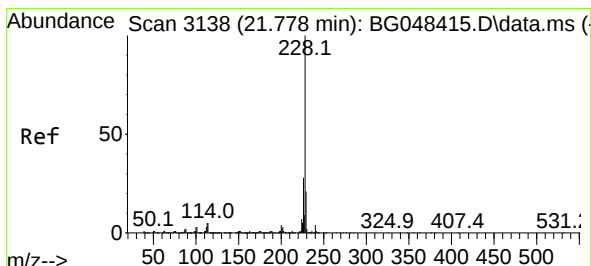
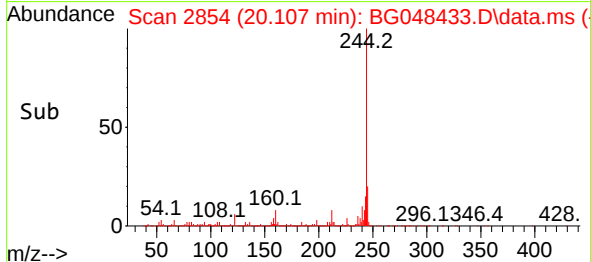
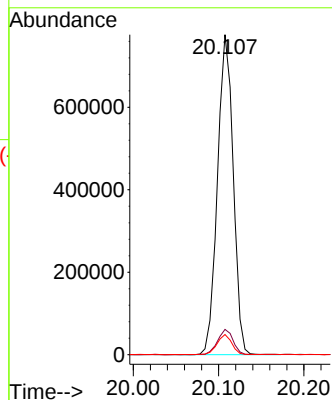
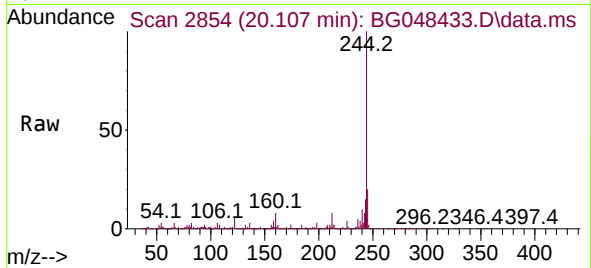




#79
 Terphenyl-d14
 Concen: 46.47 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.008 min
 Lab File: BG048433.D
 Acq: 19 Mar 2021 21:07

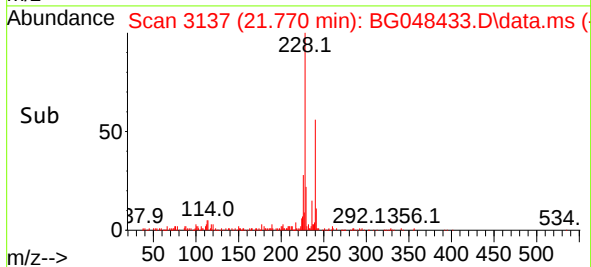
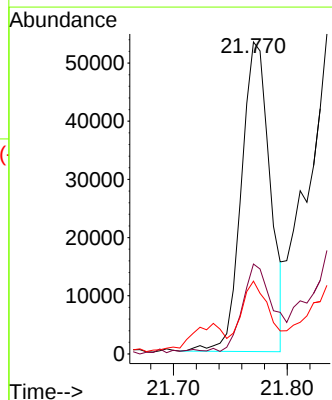
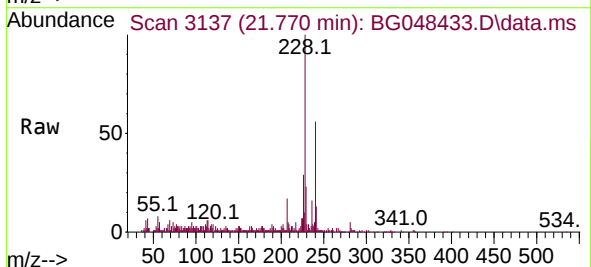
Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(0.5-1.0)

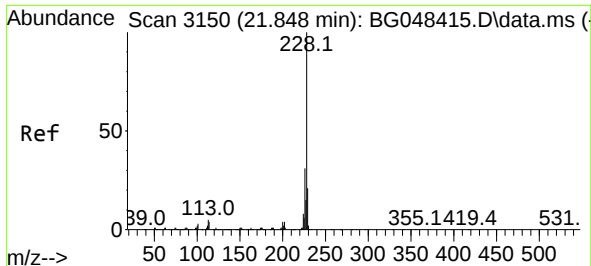
Tgt Ion:244 Resp: 996130
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 6.3 7.8 11.6#



#81
 Benzo(a)anthracene
 Concen: 3.49 ng
 RT: 21.770 min Scan# 3137
 Delta R.T. -0.008 min
 Lab File: BG048433.D
 Acq: 19 Mar 2021 21:07

Tgt Ion:228 Resp: 93481
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.3 34.9
 229 23.3 17.4 26.0

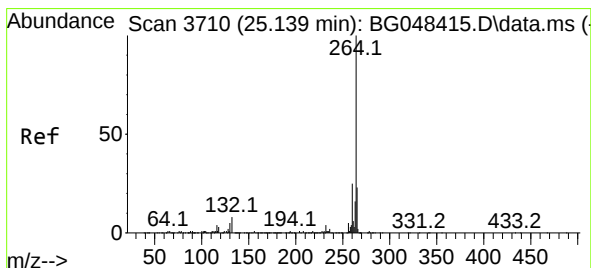
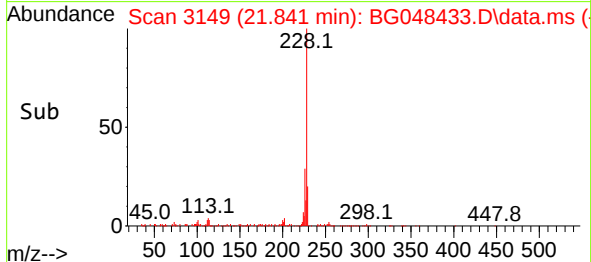
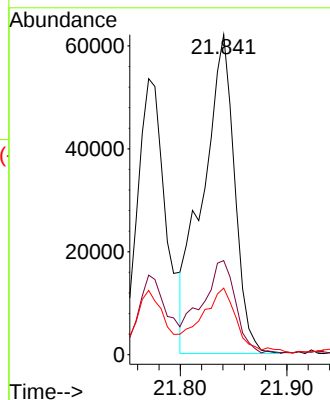
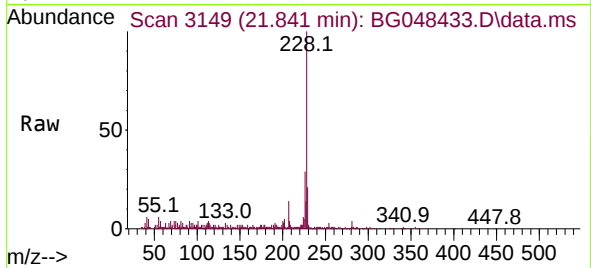




#83
Chrysene
Concen: 4.99 ng
RT: 21.841 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

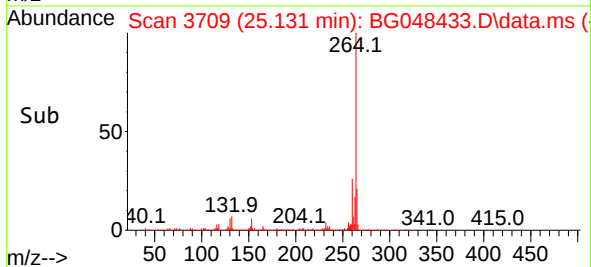
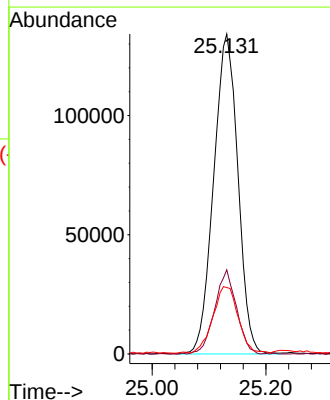
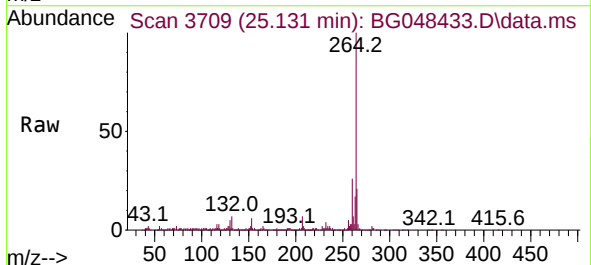
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

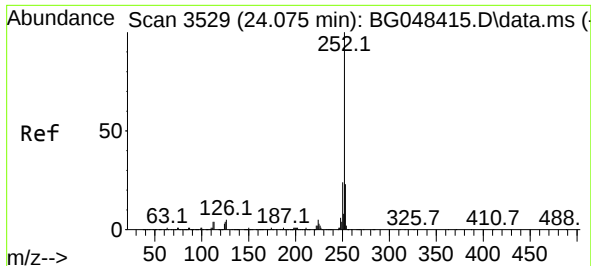
Tgt Ion:228	Resp: 128256
Ion Ratio	Lower Upper
228	100
226	29.4 25.0 37.4
229	20.8 17.3 25.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:264	Resp: 396477
Ion Ratio	Lower Upper
264	100
260	26.3 18.8 28.2
265	20.8 17.8 26.8

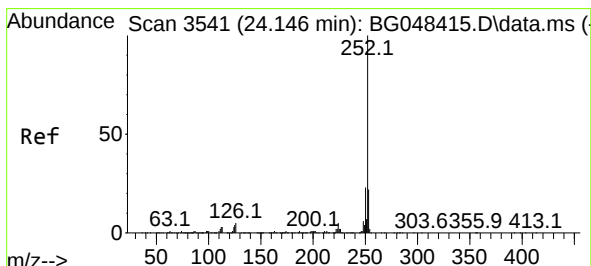
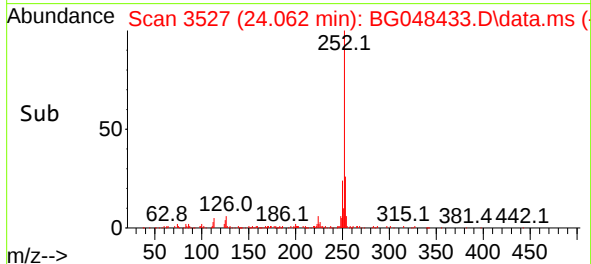
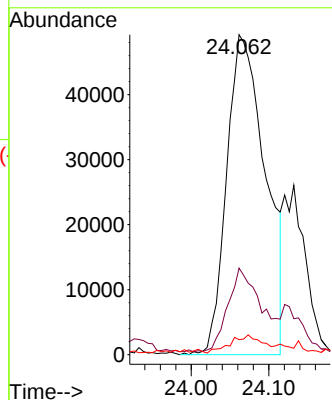
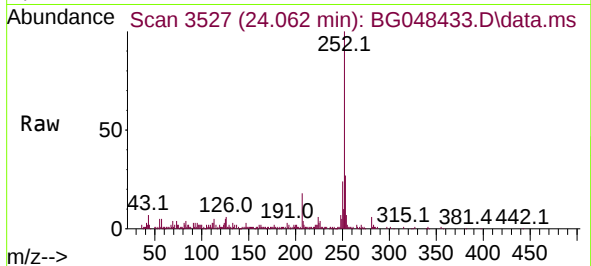




#88
Benzo(b)fluoranthene
Concen: 6.10 ng
RT: 24.062 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

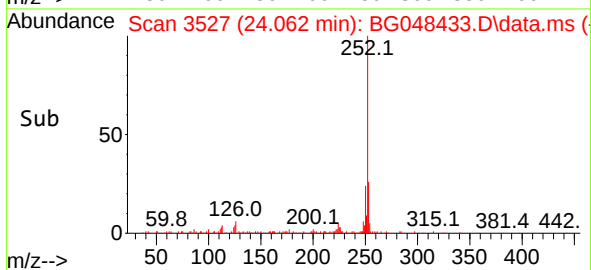
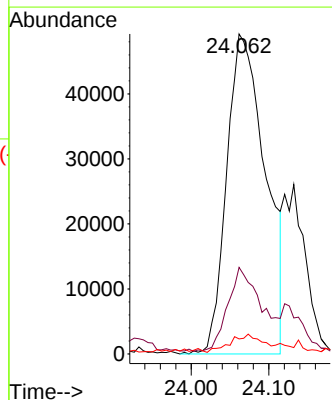
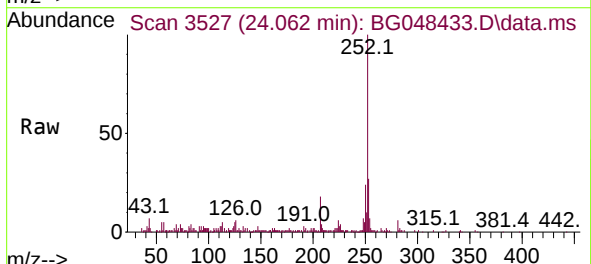
Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

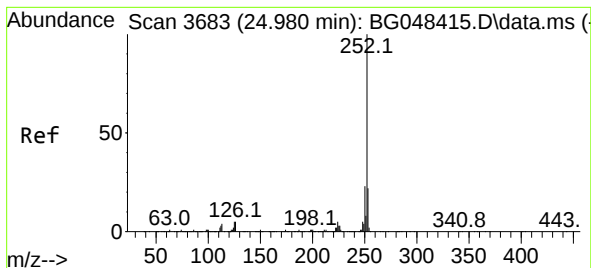
Tgt Ion:252 Resp: 170483
Ion Ratio Lower Upper
252 100
253 27.0 18.7 28.1
125 4.7 6.5 9.7#



#89
Benzo(k)fluoranthene
Concen: 6.47 ng
RT: 24.062 min Scan# 3527
Delta R.T. -0.084 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:252 Resp: 170483
Ion Ratio Lower Upper
252 100
253 27.0 18.6 27.8
125 4.7 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 3.17 ng

RT: 24.814 min Scan# 3655

Delta R.T. -0.166 min

Lab File: BG048433.D

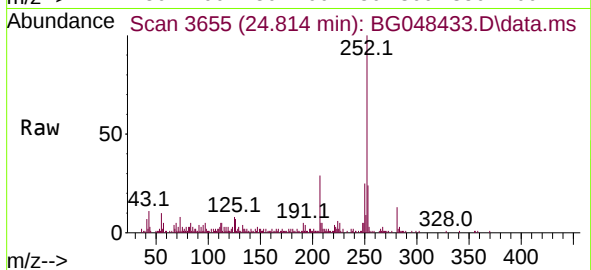
Acq: 19 Mar 2021 21:07

Instrument :

BNA_G

ClientSampleId :

SB-3A-(0.5-1.0)



Tgt Ion:252 Resp: 80664

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 7.8 7.0 10.4

