

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048427.D
 Acq On : 19 Mar 2021 17:04
 Operator : CG/JU
 Sample : M1732-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1A-(1.0-1.5)

Quant Time: Mar 19 17:46:22 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

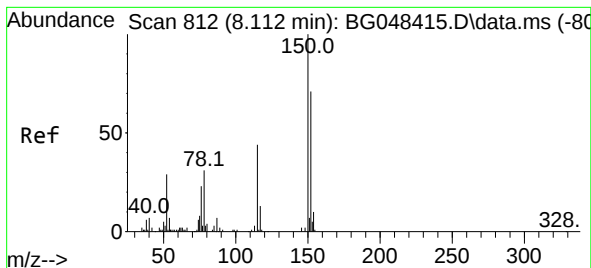
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	39937	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	150947	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	112164	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	314660	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	382984	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	397033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	205096	84.92	ng	0.00
7) Phenol-d6	7.250	99	286115	81.42	ng	0.00
23) Nitrobenzene-d5	9.271	82	211727	56.08	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	163204	89.47	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	440924	56.55	ng	0.00
79) Terphenyl-d14	20.112	244	1080334	50.87	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.238	77	1515	Below Cal	#	13
19) n-Nitroso-di-n-propyla...	9.271	70	31154	11.94	ng	# 72
50) Dimethylphthalate	14.189	163	23293	2.55	ng	100
51) 2,6-Dinitrotoluene	14.747	165	14642	7.45	ng	# 33
57) 2,4-Dinitrotoluene	14.747	165	14642	5.25	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	10618	2.68	ng	# 1

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

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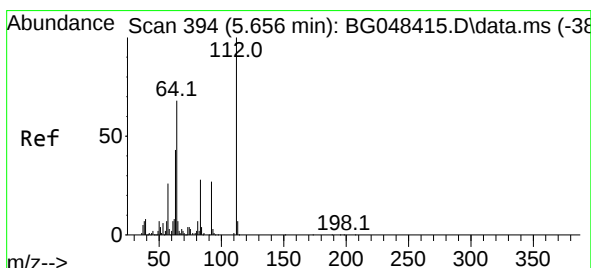
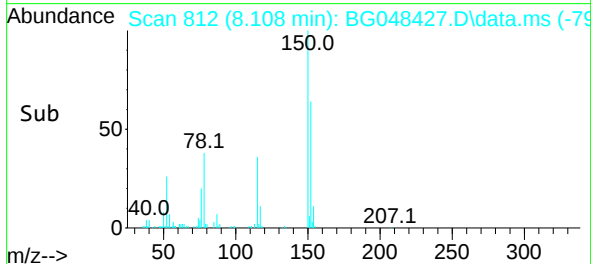
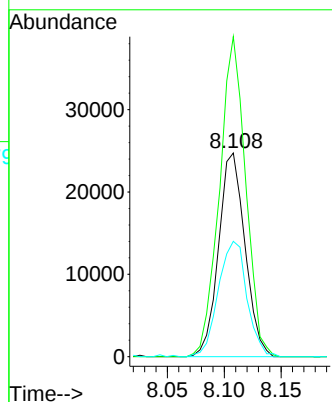
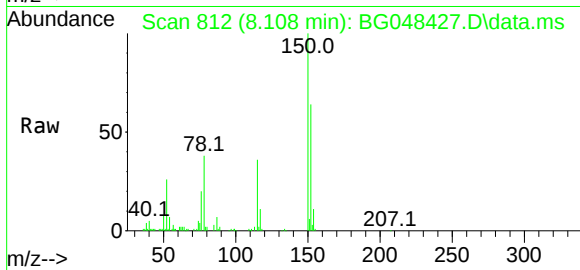




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

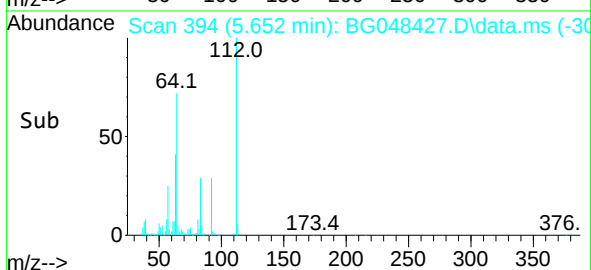
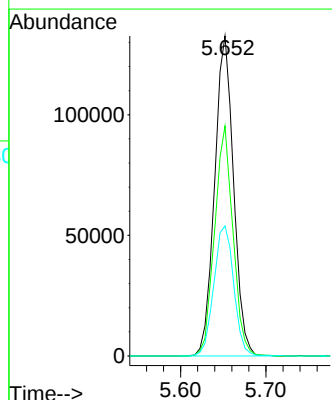
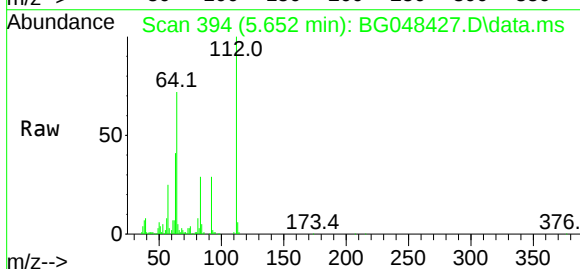
Instrument :
BNA_G
ClientSampleId :
SB-1A-(1.0-1.5)

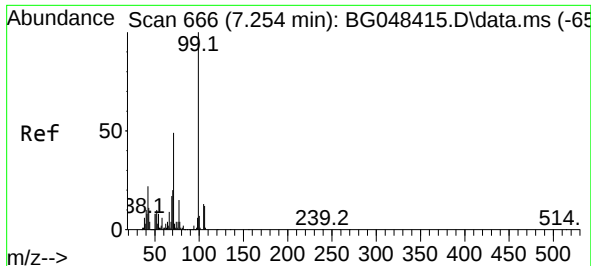
Tgt Ion:152 Resp: 39937
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 56.6 41.8 62.6



#5
2-Fluorophenol
Concen: 84.92 ng
RT: 5.652 min Scan# 394
Delta R.T. -0.004 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion:112 Resp: 205096
Ion Ratio Lower Upper
112 100
64 71.9 46.7 70.1#
63 40.7 22.8 34.2#

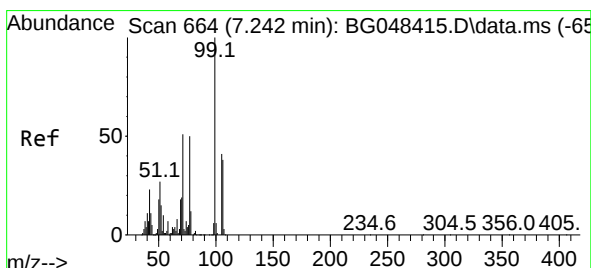
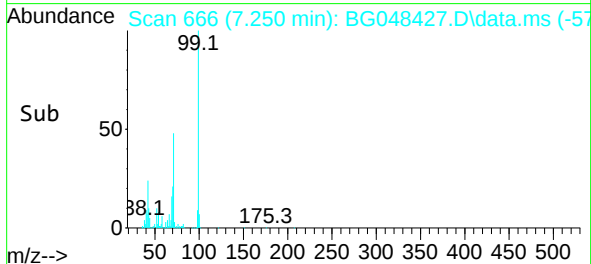
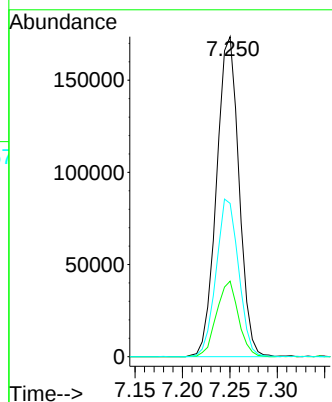
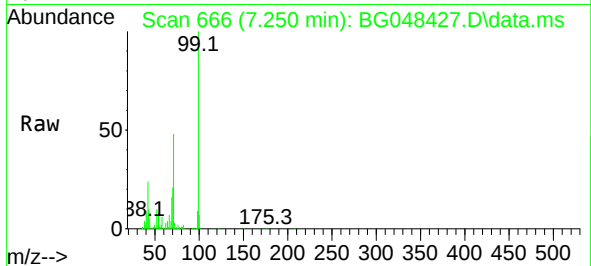




#7
Phenol-d6
Concen: 81.42 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

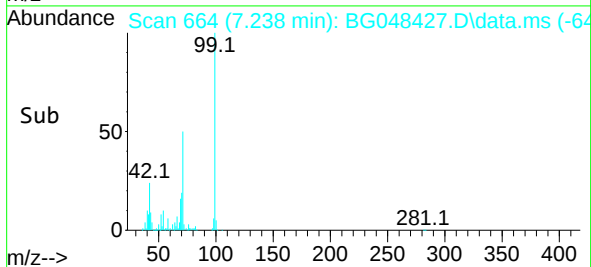
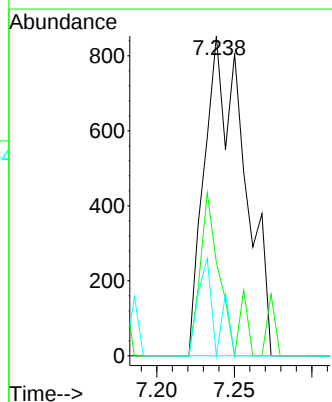
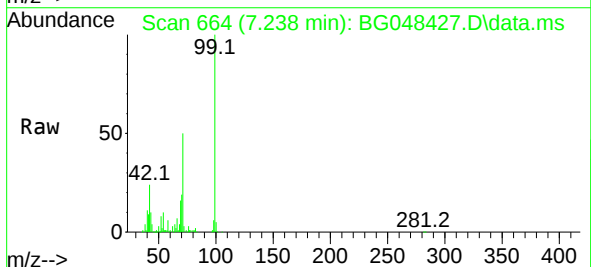
Instrument :
BNA_G
ClientSampleId :
SB-1A-(1.0-1.5)

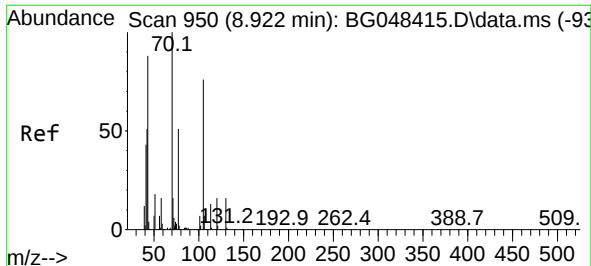
Tgt Ion: 99 Resp: 286115
Ion Ratio Lower Upper
99 100
42 23.6 12.8 19.2#
71 47.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.238 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion: 77 Resp: 1515
Ion Ratio Lower Upper
77 100
105 29.2 85.9 125.9#
106 0.0 80.9 120.9#

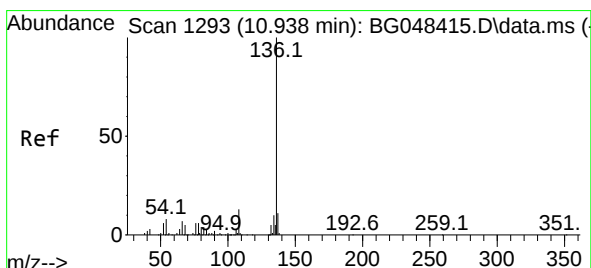
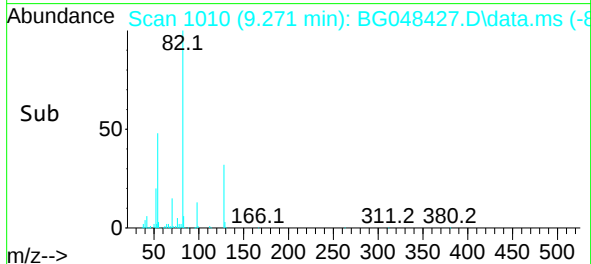
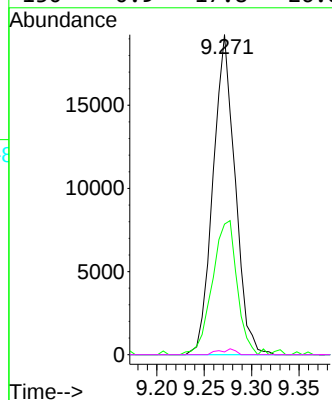
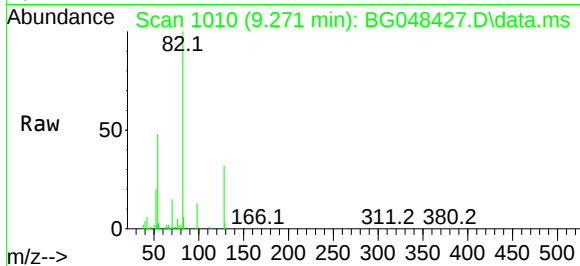




#19
n-Nitroso-di-n-propylamine
Concen: 11.94 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.349 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

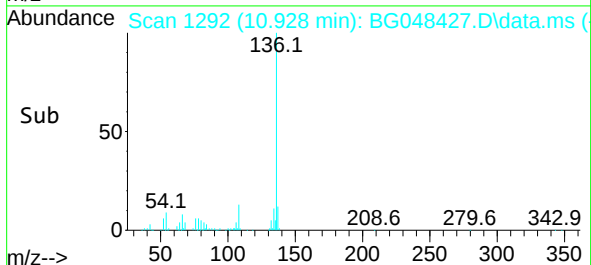
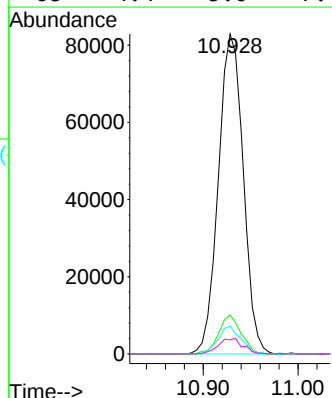
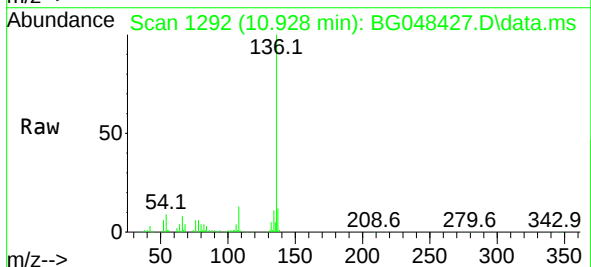
Instrument :
BNA_G
ClientSampleId :
SB-1A-(1.0-1.5)

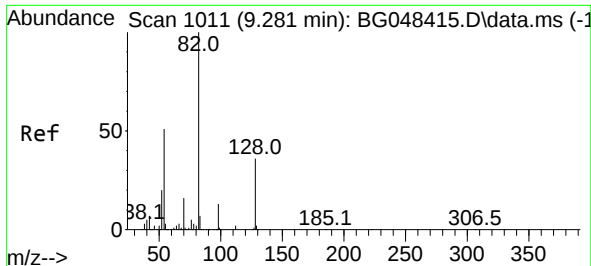
Tgt Ion: 70	Resp: 31154
Ion Ratio	Lower Upper
70 100	
42 40.8	45.6 68.4#
101 0.0	8.4 12.6#
130 0.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion: 136	Resp: 150947
Ion Ratio	Lower Upper
136 100	
137 12.2	9.1 13.7
54 8.7	6.2 9.4
68 4.4	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 56.08 ng

RT: 9.271 min Scan# 1010

Delta R.T. -0.009 min

Lab File: BG048427.D

Acq: 19 Mar 2021 17:04

Tgt Ion: 82 Resp: 211727

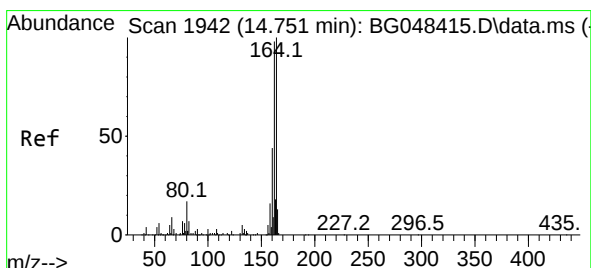
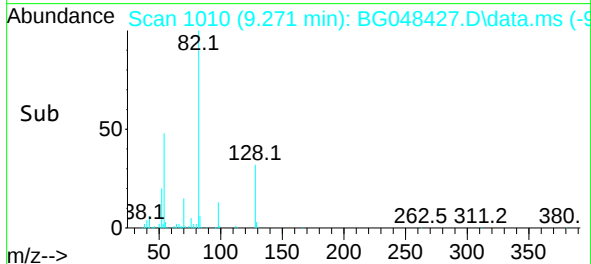
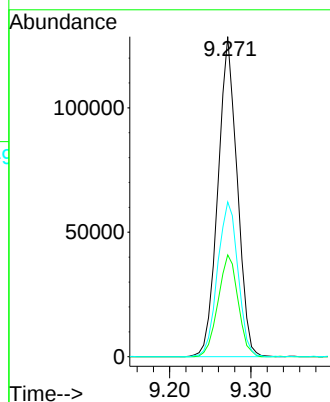
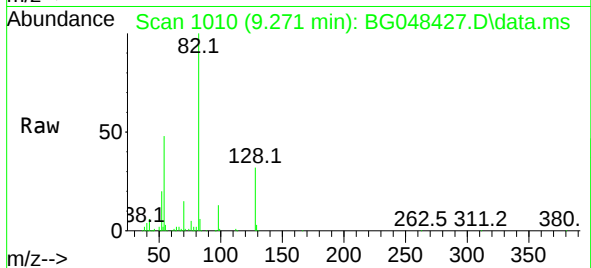
Ion	Ratio	Lower	Upper
82	100		
128	31.8	37.0	55.6#
54	48.4	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

SB-1A-(1.0-1.5)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.747 min Scan# 1942

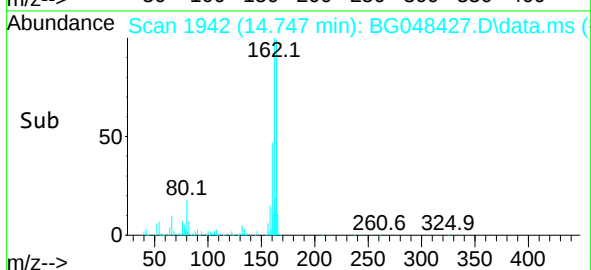
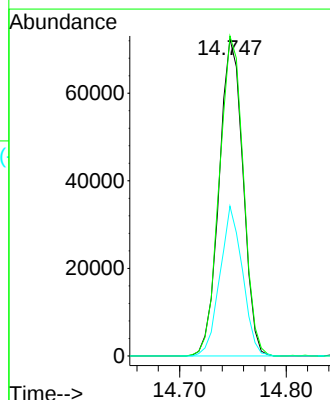
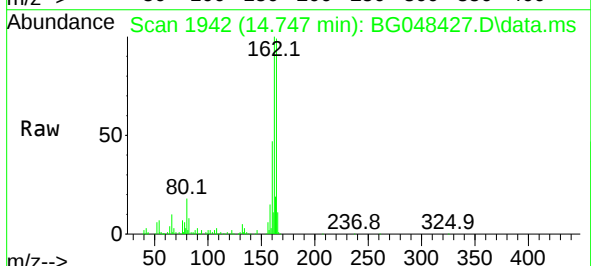
Delta R.T. -0.004 min

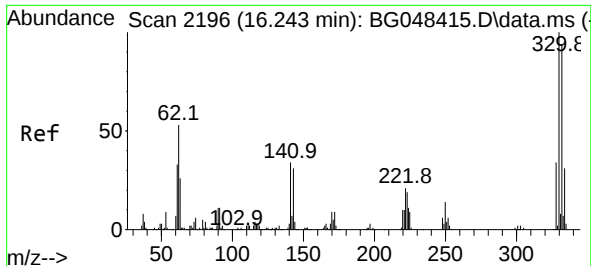
Lab File: BG048427.D

Acq: 19 Mar 2021 17:04

Tgt Ion:164 Resp: 112164

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.3	123.5
160	47.2	35.3	52.9

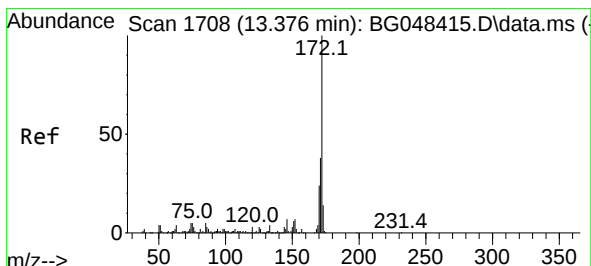
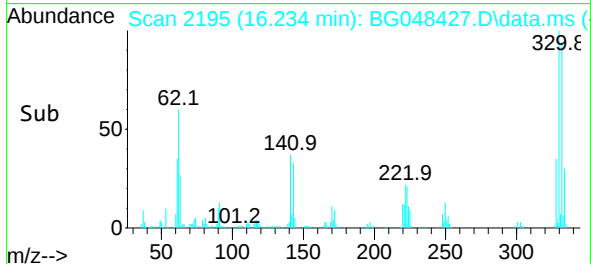
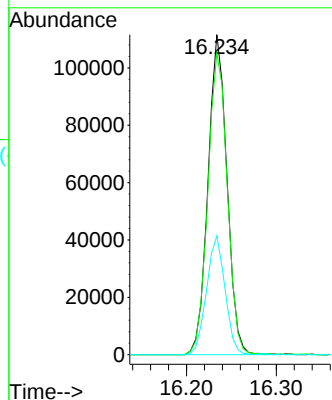
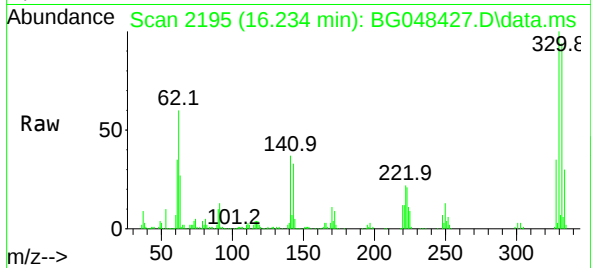




#42
2,4,6-Tribromophenol
Concen: 89.47 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

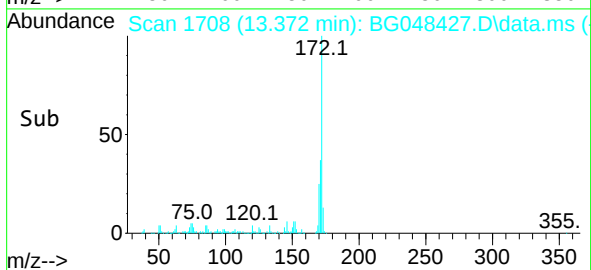
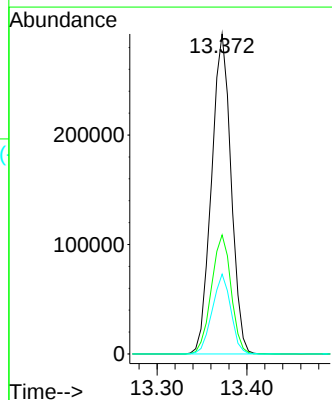
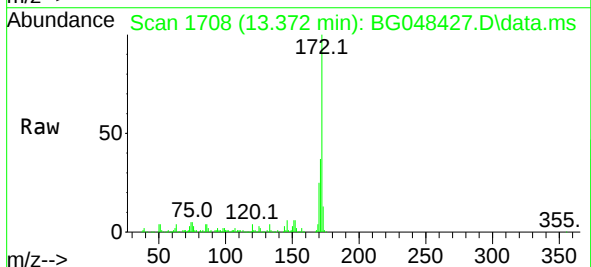
Instrument :
BNA_G
ClientSampleId :
SB-1A-(1.0-1.5)

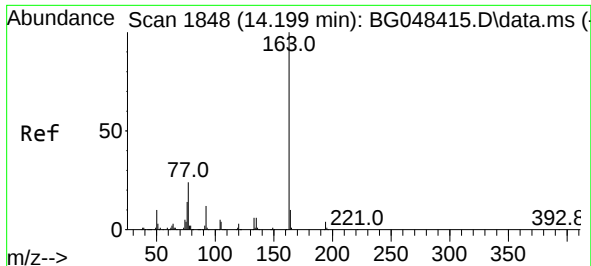
Tgt Ion:330 Resp: 163204
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 56.55 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.004 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion:172 Resp: 440924
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 25.0 20.8 31.2

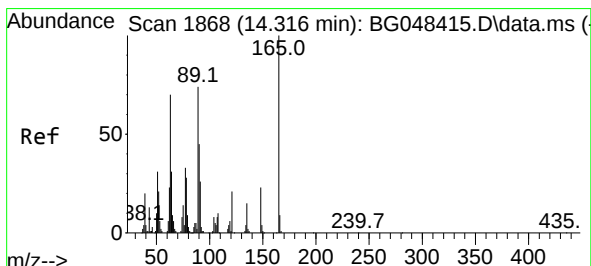
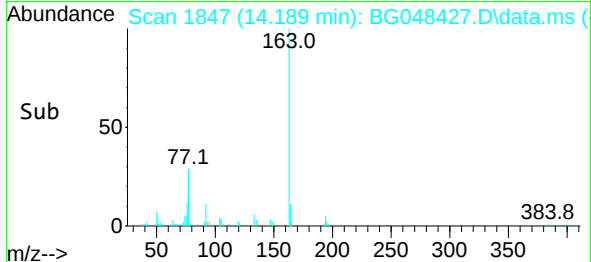
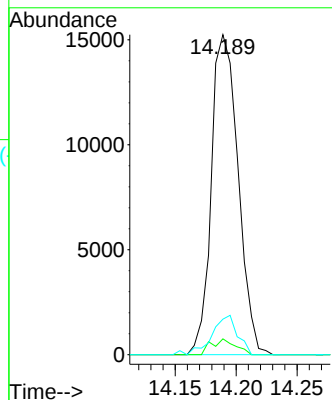
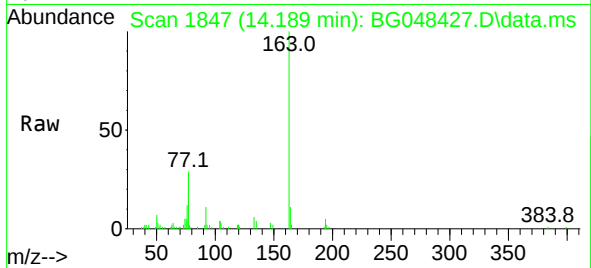




#50
Dimethylphthalate
Concen: 2.55 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.009 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

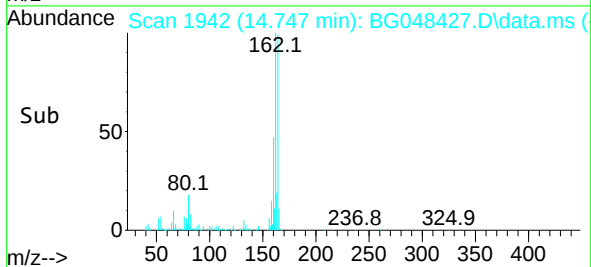
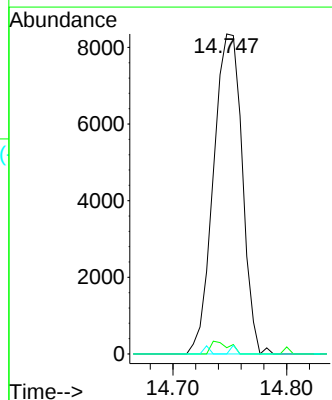
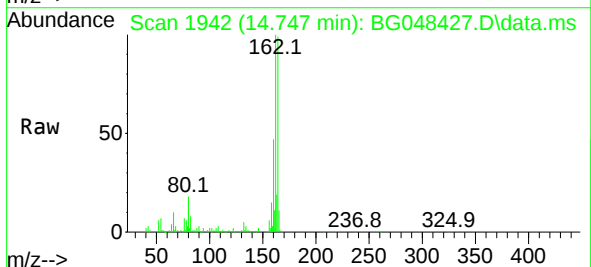
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BNA_G
ClientSampleId :
SB-1A-(1.0-1.5)

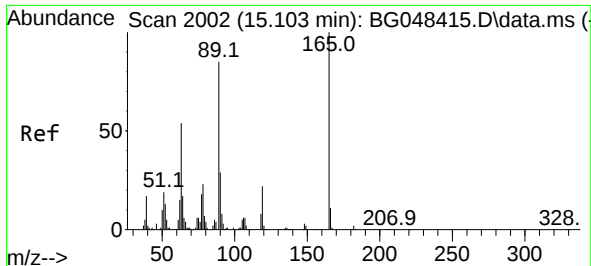
Tgt Ion:163 Resp: 23293
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 11.1 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion:165 Resp: 14642
Ion Ratio Lower Upper
165 100
63 2.0 33.7 50.5#
89 0.0 36.6 54.8#

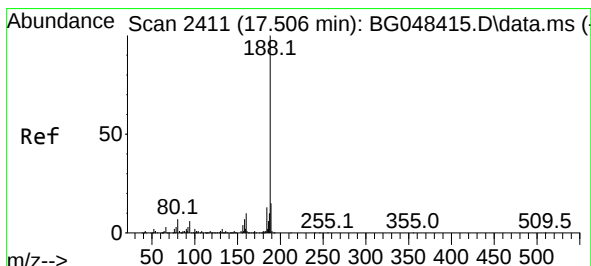
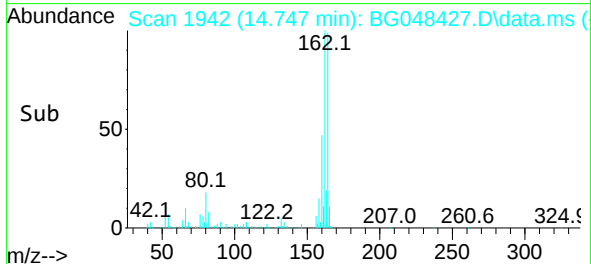
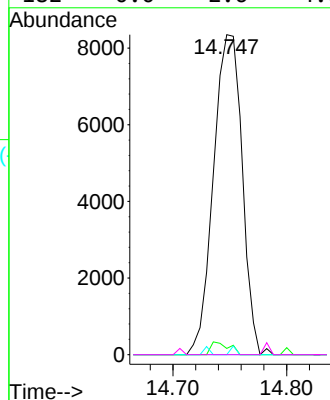
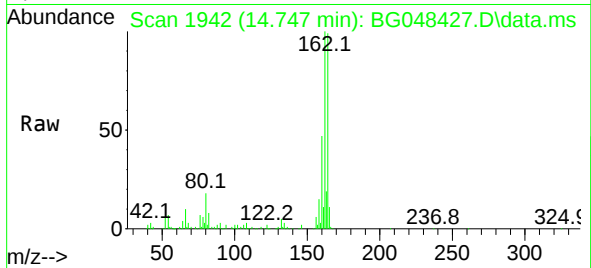




#57
2,4-Dinitrotoluene
Concen: 5.25 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

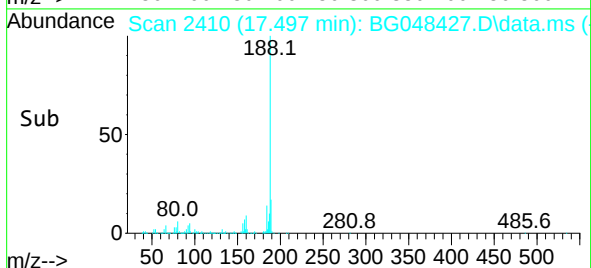
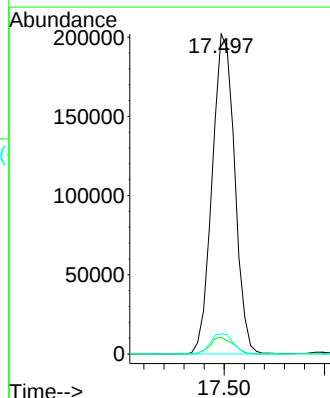
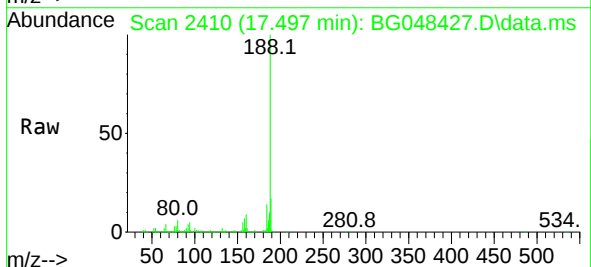
Instrument :
BNA_G
ClientSampleId :
SB-1A-(1.0-1.5)

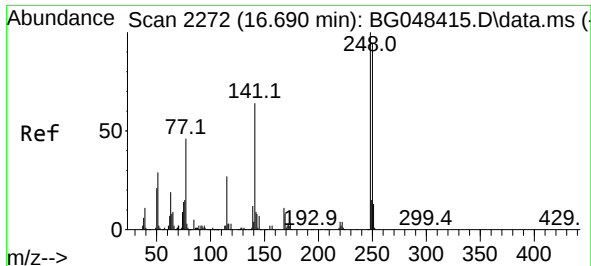
Tgt Ion:165 Resp: 14642
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion:188 Resp: 314660
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.3 7.0 10.6#

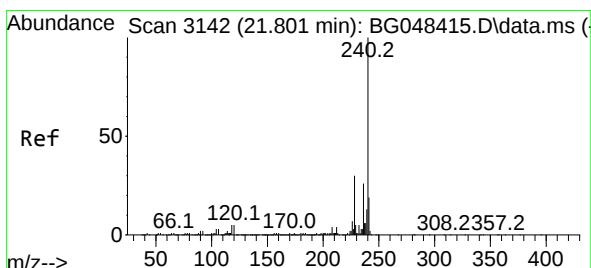
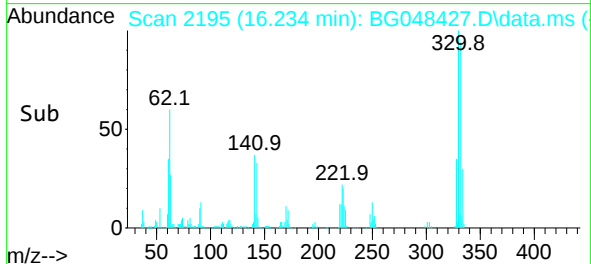
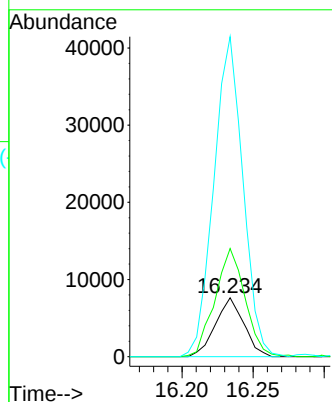
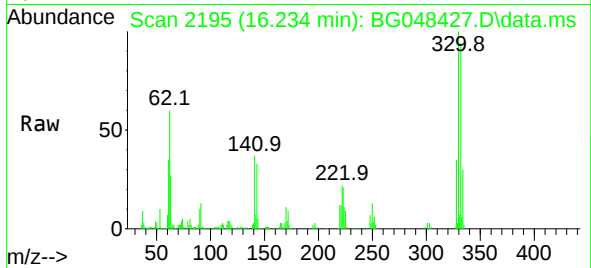




#67
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.456 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

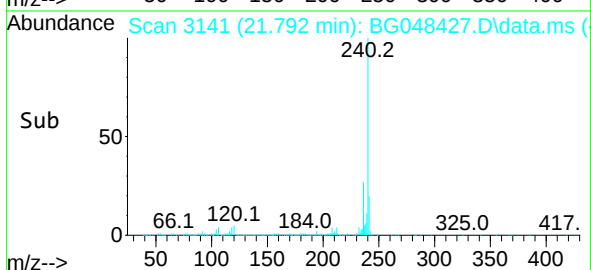
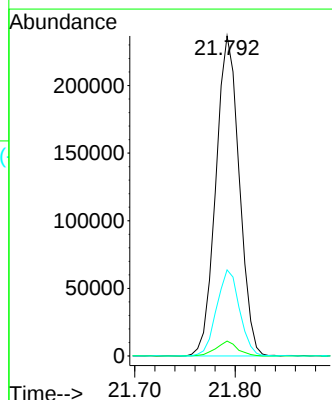
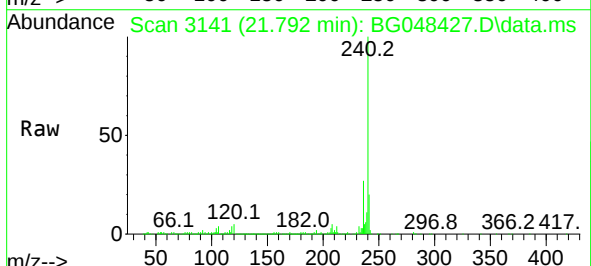
Instrument :
BNA_G
ClientSampled :
SB-1A-(1.0-1.5)

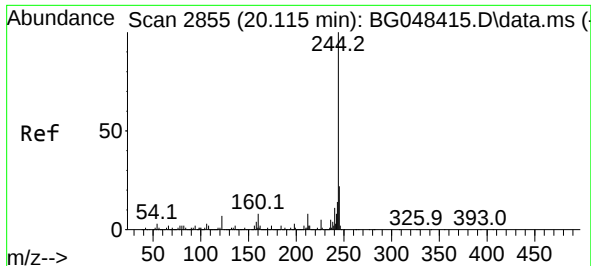
Tgt Ion:248 Resp: 10618
Ion Ratio Lower Upper
248 100
250 183.6 78.9 118.3#
141 543.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048427.D
Acq: 19 Mar 2021 17:04

Tgt Ion:240 Resp: 382984
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.9 20.5 30.7

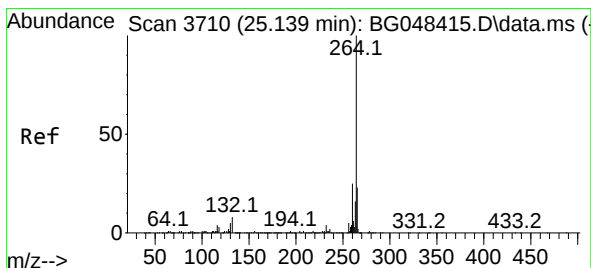
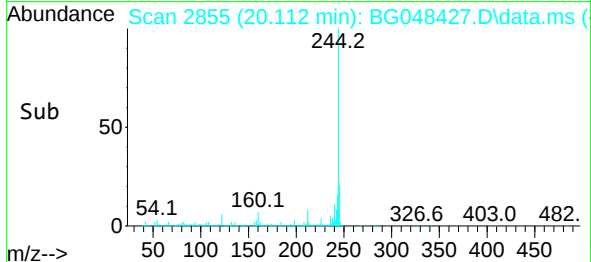
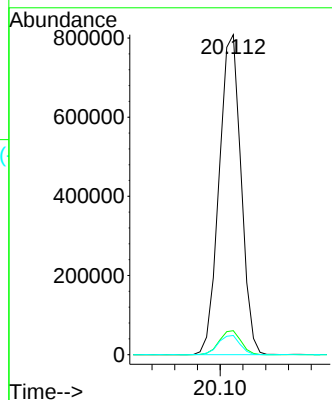
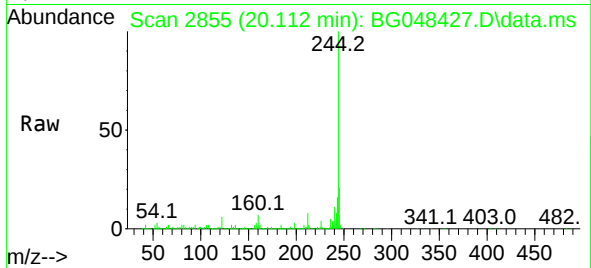




#79
 Terphenyl-d14
 Concen: 50.87 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. -0.004 min
 Lab File: BG048427.D
 Acq: 19 Mar 2021 17:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-1A-(1.0-1.5)

Tgt Ion:244 Resp: 1080334
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.7 10.1
 122 6.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.009 min
 Lab File: BG048427.D
 Acq: 19 Mar 2021 17:04

Tgt Ion:264 Resp: 397033
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 20.9 17.8 26.8

