

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048426.D
 Acq On : 19 Mar 2021 16:23
 Operator : CG/JU
 Sample : M1723-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO124027

Quant Time: Mar 19 17:07:10 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)

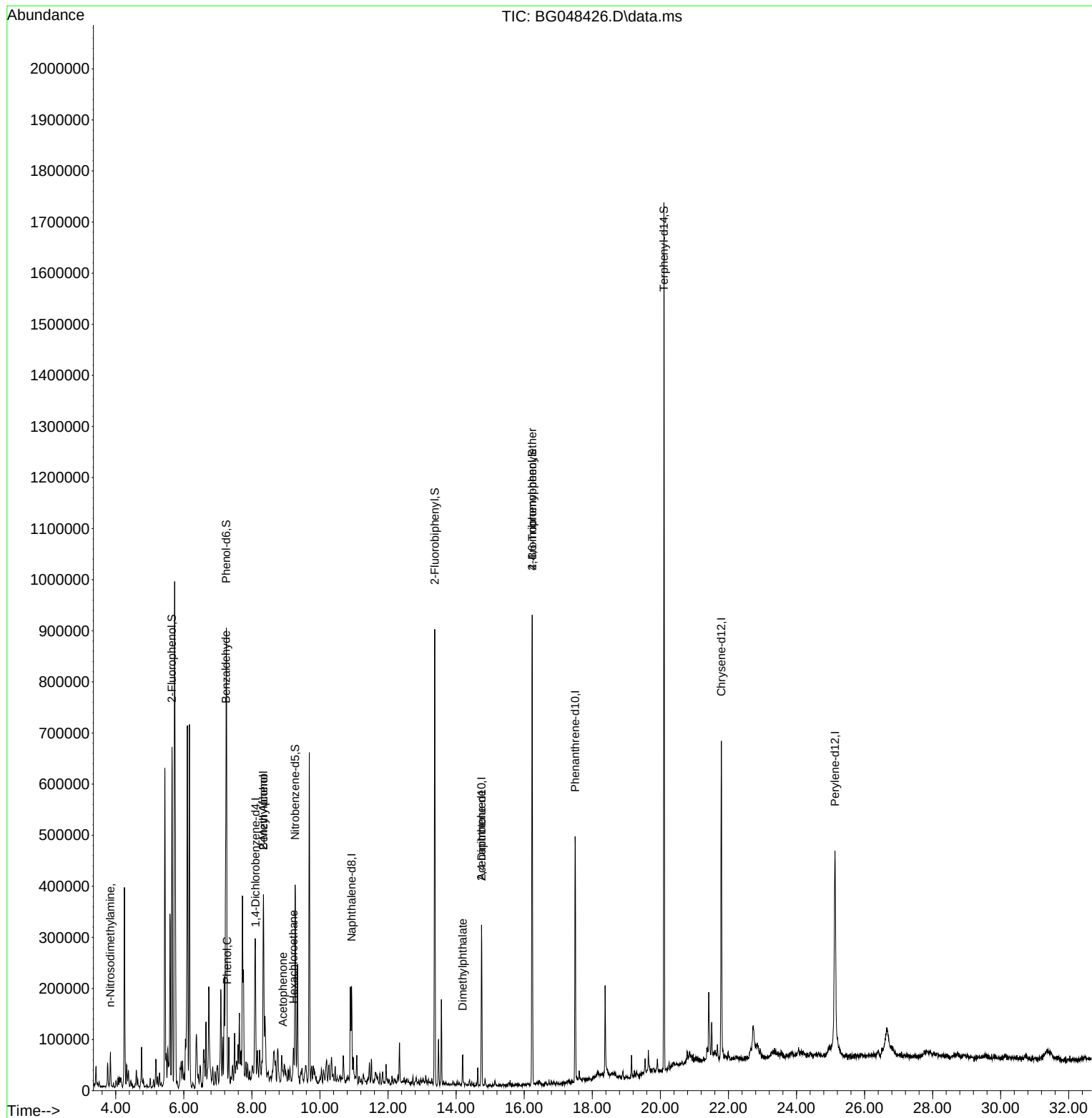
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	38378	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	142499	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	110708	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	309358	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	390163	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	401551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	238292	102.68	ng	0.00
7) Phenol-d6	7.250	99	313306	92.78	ng	0.00
23) Nitrobenzene-d5	9.271	82	235076	65.96	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	167496	93.03	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	433279	56.30	ng	0.00
79) Terphenyl-d14	20.106	244	775570	35.85	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.843	42	4872	3.07	ng	# 9
9) Benzaldehyde	7.239	77	31634	10.14	ng	# 40
10) Phenol	7.274	94	7255	2.10	ng	# 48
15) Benzyl Alcohol	8.337	79	106427	35.50	ng	# 79
17) 2-Methylphenol	8.337	107	47480	21.64	ng	# 1
18) Hexachloroethane	9.219	117	2894	2.63	ng	# 1
22) Acetophenone	8.913	105	9737	2.43	ng	# 57
50) Dimethylphthalate	14.195	163	32937	3.66	ng	98
57) 2,4-Dinitrotoluene	14.747	165	14439	5.24	ng	# 33
67) 4-Bromophenyl-phenylether	16.234	248	11570	2.97	ng	# 1

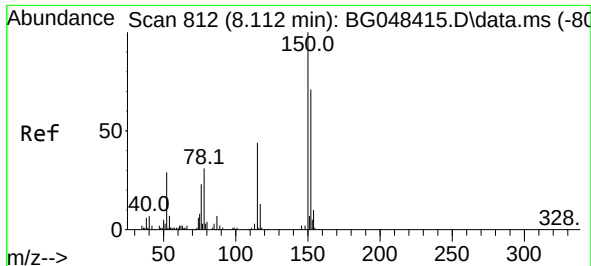
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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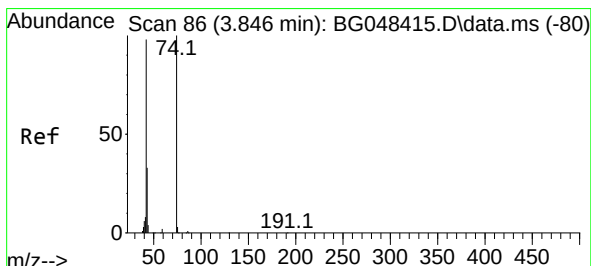
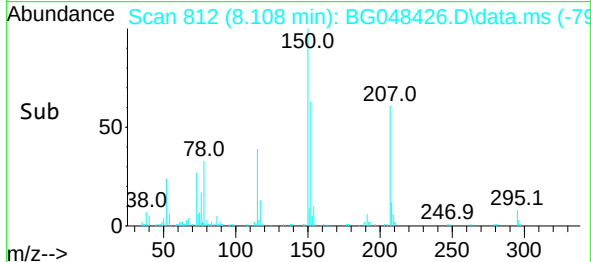
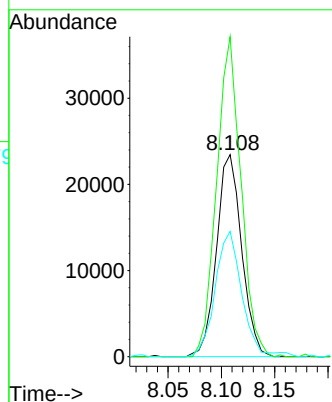
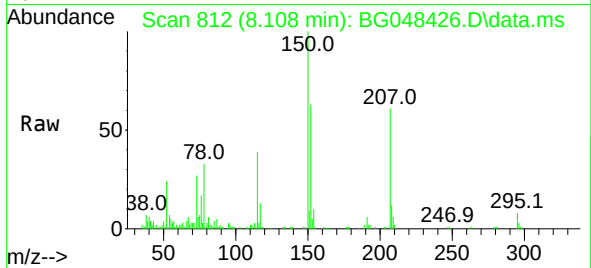




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

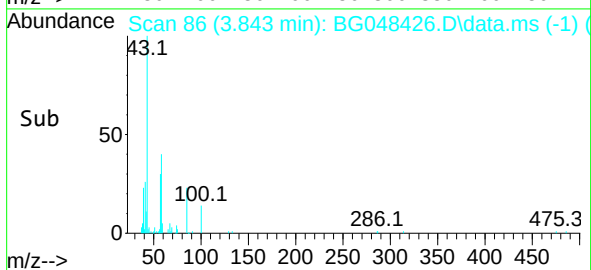
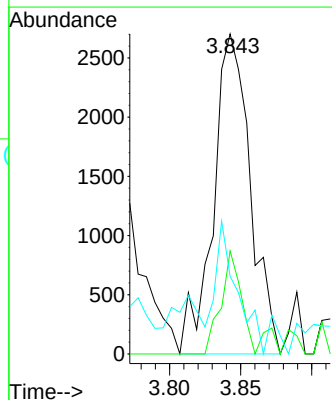
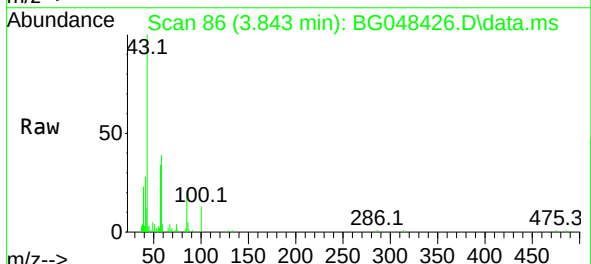
Instrument :
BNA_G
ClientSampled :
RO124027

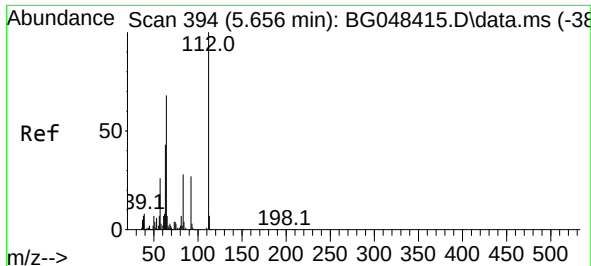
Tgt Ion: 152 Resp: 38378
Ion Ratio Lower Upper
152 100
150 158.4 125.0 187.6
115 62.0 41.8 62.6



#4
n-Nitrosodimethylamine
Concen: 3.07 ng
RT: 3.843 min Scan# 86
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion: 42 Resp: 4872
Ion Ratio Lower Upper
42 100
74 32.2 120.4 180.6#
44 24.2 6.2 9.2#

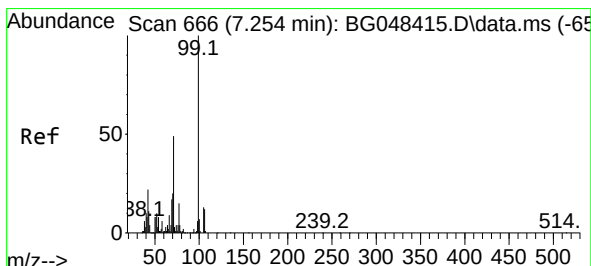
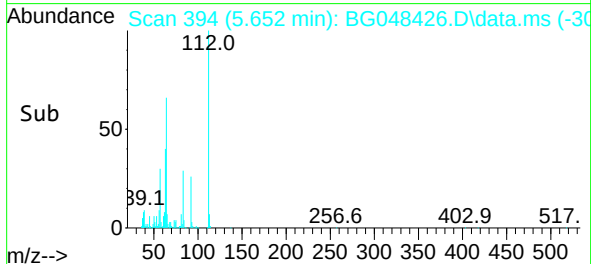
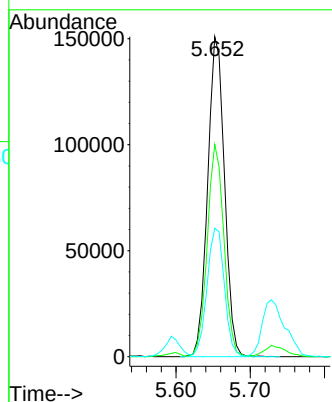
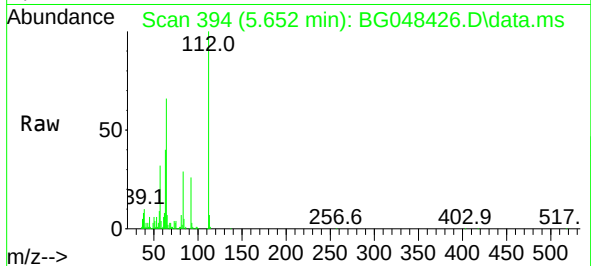




#5
2-Fluorophenol
Concen: 102.68 ng
RT: 5.652 min Scan# 394
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

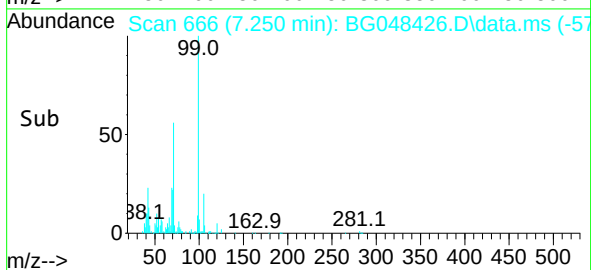
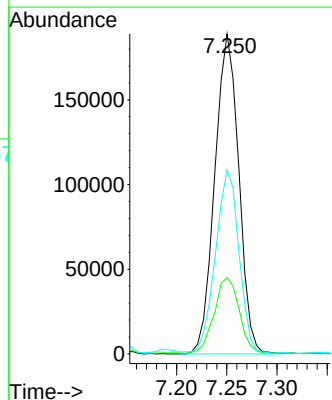
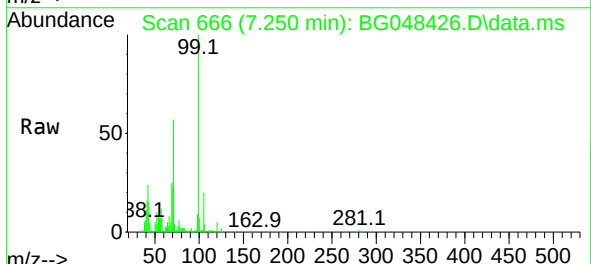
Instrument :
BNA_G
ClientSampleId :
RO124027

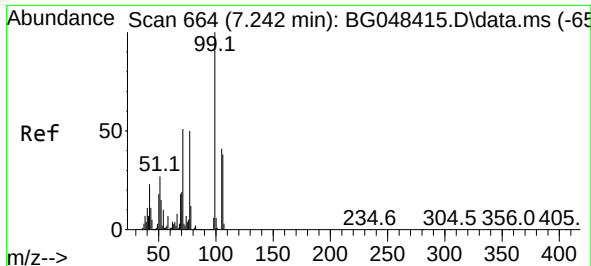
Tgt Ion:112 Resp: 238292
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 40.2 22.8 34.2#



#7
Phenol-d6
Concen: 92.78 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion: 99 Resp: 313306
Ion Ratio Lower Upper
99 100
42 23.9 12.8 19.2#
71 57.4 24.6 36.8#

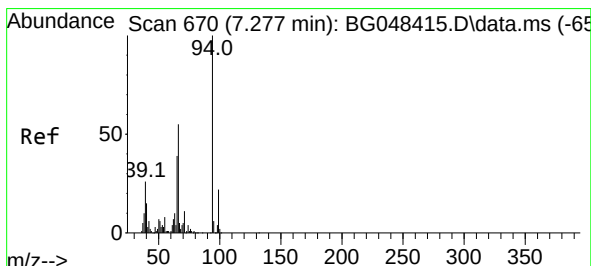
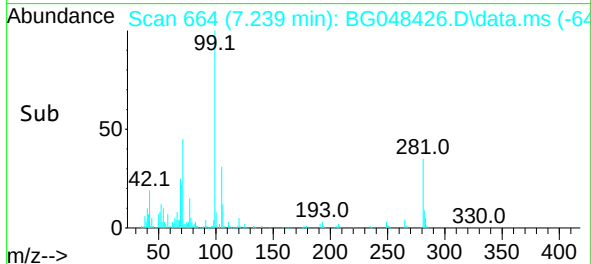
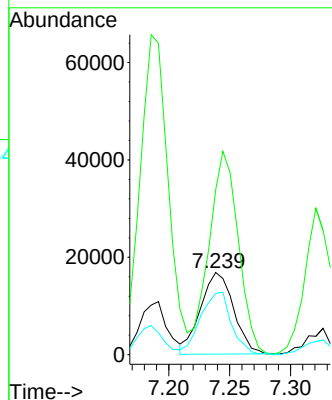
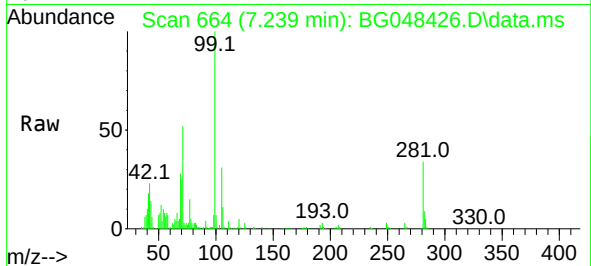




#9
Benzaldehyde
Concen: 10.14 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

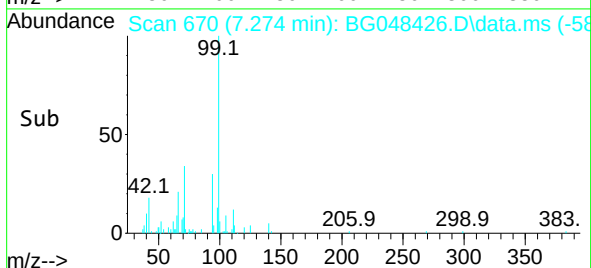
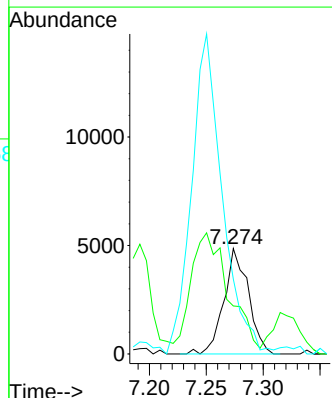
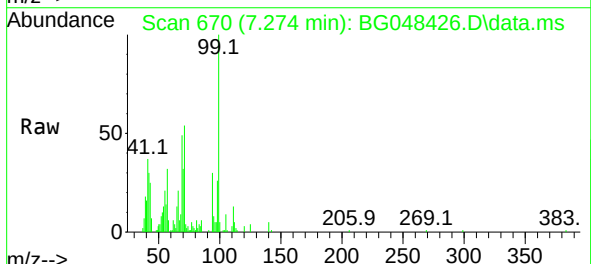
Instrument :
BNA_G
ClientSampleId :
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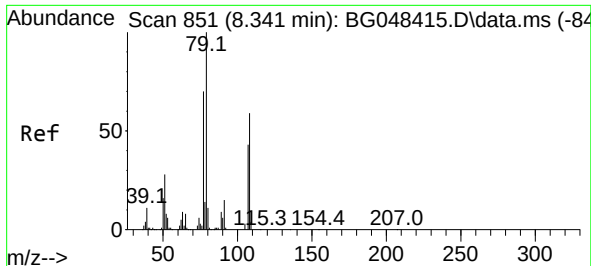
Tgt Ion: 77 Resp: 31634
Ion Ratio Lower Upper
77 100
105 200.7 85.9 125.9#
106 74.6 80.9 120.9#



#10
Phenol
Concen: 2.10 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion: 94 Resp: 7255
Ion Ratio Lower Upper
94 100
65 45.4 6.6 46.6
66 71.0 13.9 53.9#

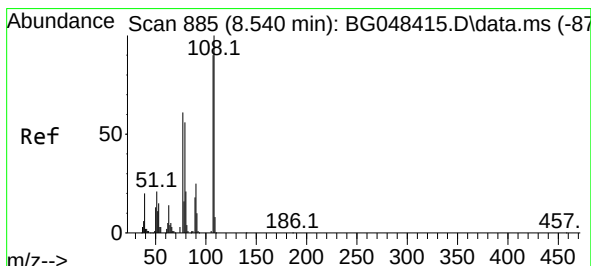
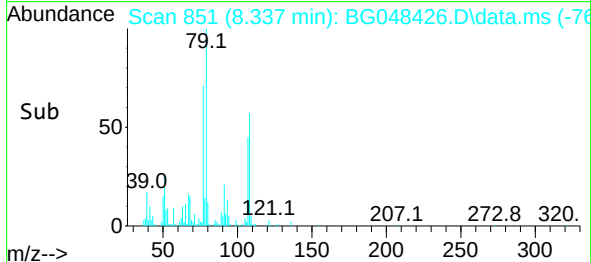
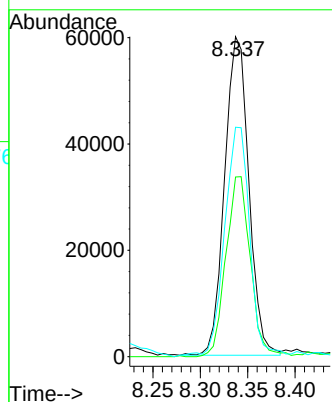
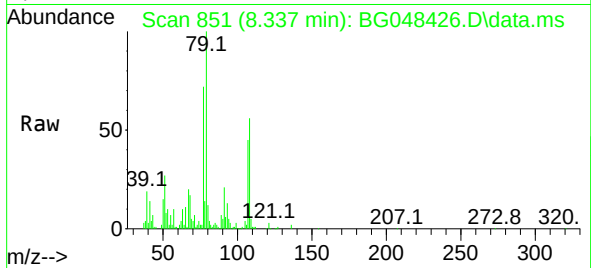




#15
Benzyl Alcohol
Concen: 35.50 ng
RT: 8.337 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

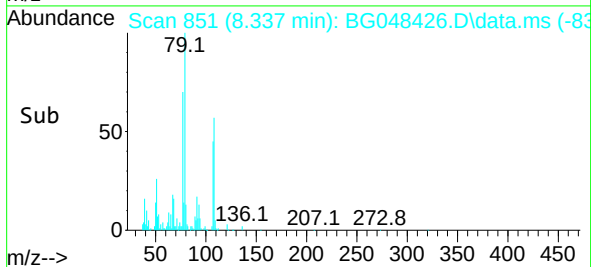
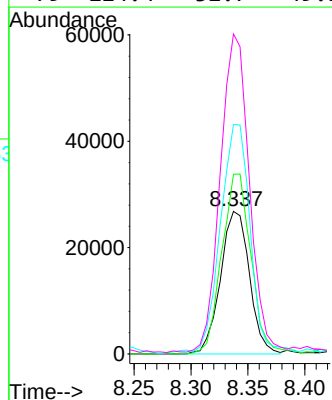
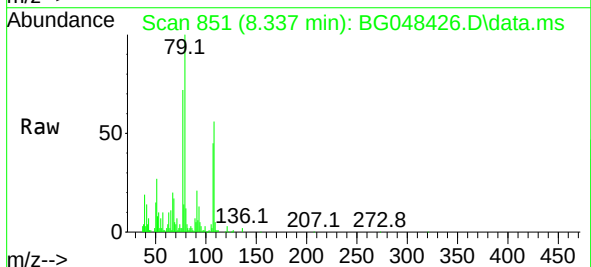
Instrument :
BNA_G
ClientSampleId :
RO124027

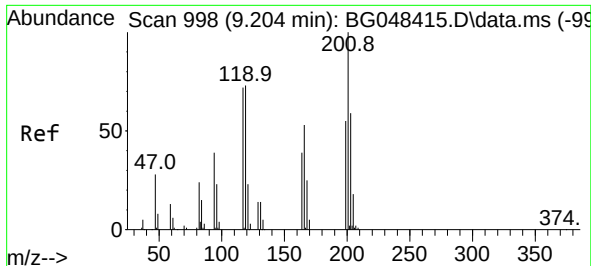
Tgt Ion: 79 Resp: 106427
Ion Ratio Lower Upper
79 100
108 56.1 65.5 98.3#
77 71.7 50.1 75.1



#17
2-Methylphenol
Concen: 21.64 ng
RT: 8.337 min Scan# 851
Delta R.T. -0.203 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion: 107 Resp: 47480
Ion Ratio Lower Upper
107 100
108 125.9 87.2 130.8
77 160.8 33.8 50.8#
79 224.4 32.7 49.1#

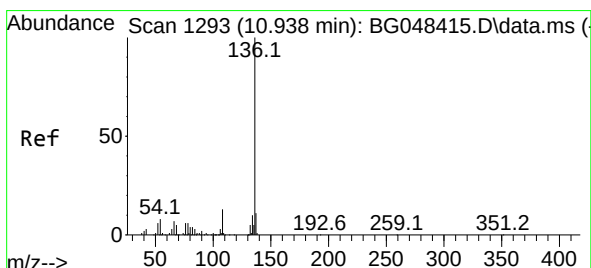
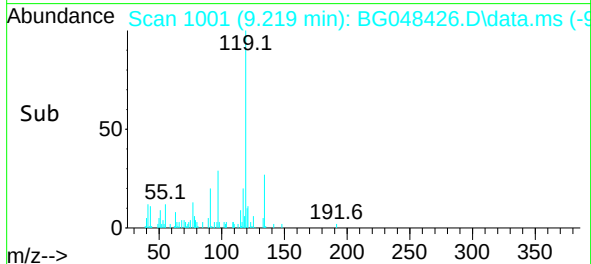
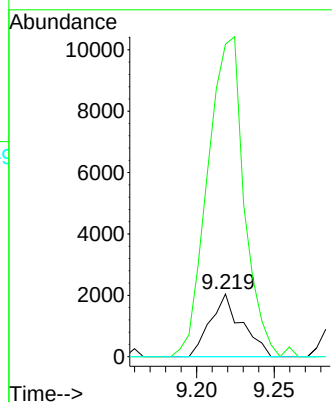
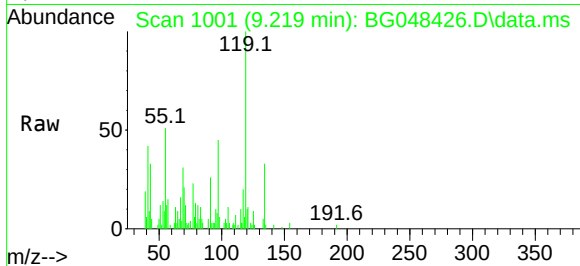




#18
Hexachloroethane
Concen: 2.63 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.014 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

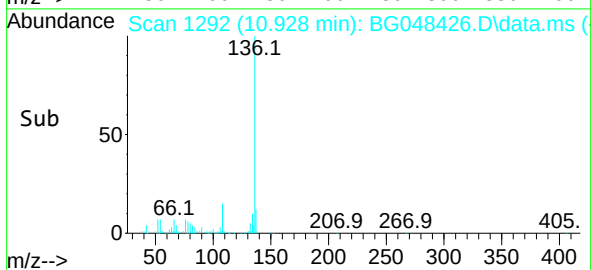
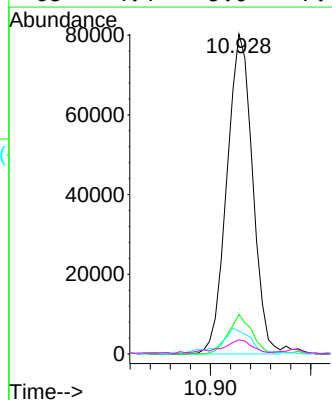
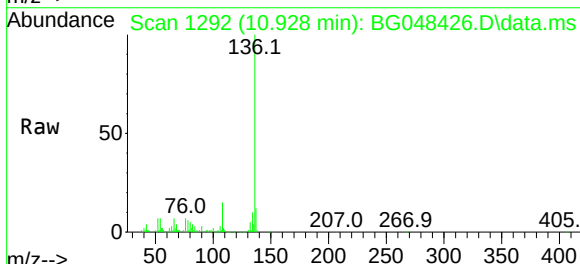
Instrument :
BNA_G
ClientSampled :
RO124027

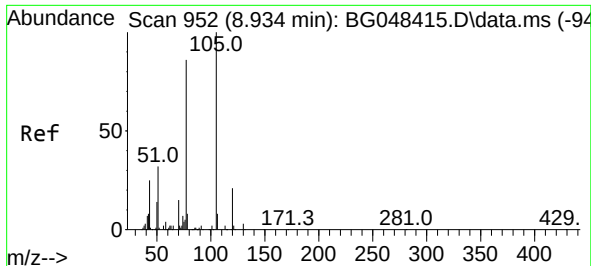
Tgt Ion:117 Resp: 2894
Ion Ratio Lower Upper
117 100
119 498.2 77.5 116.3#
201 0.0 104.9 157.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion:136 Resp: 142499
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 7.2 6.2 9.4
68 4.4 5.0 7.4#

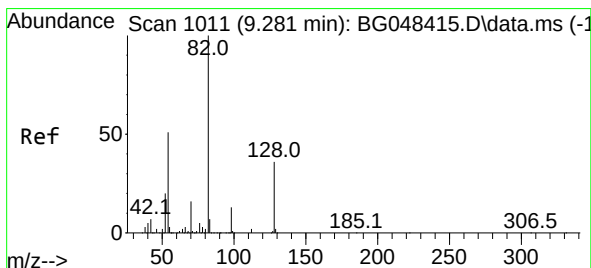
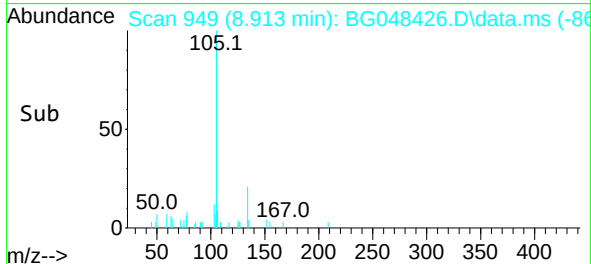
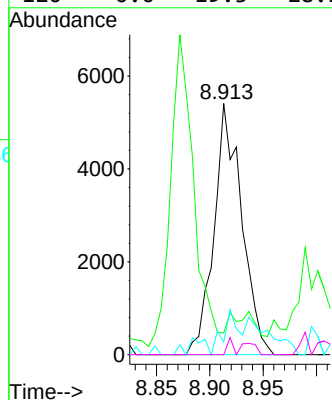
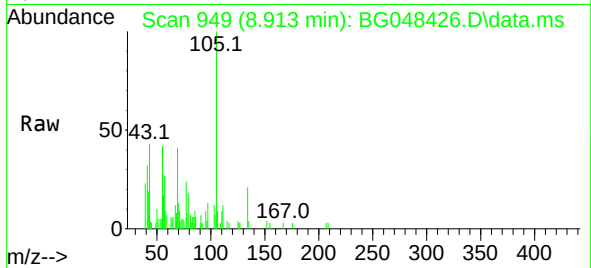




#22
Acetophenone
Concen: 2.43 ng
RT: 8.913 min Scan# 949
Delta R.T. -0.021 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

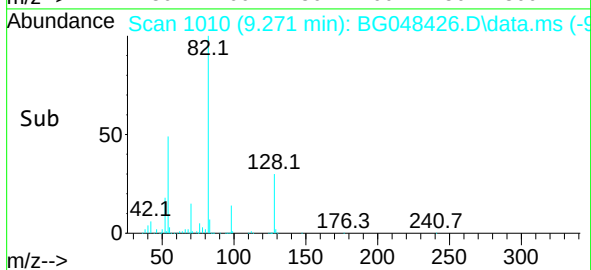
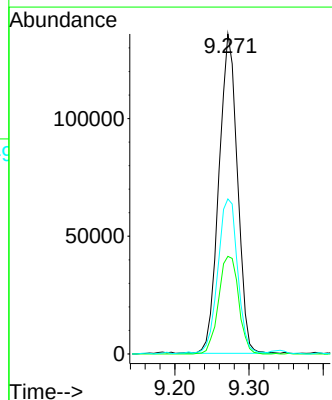
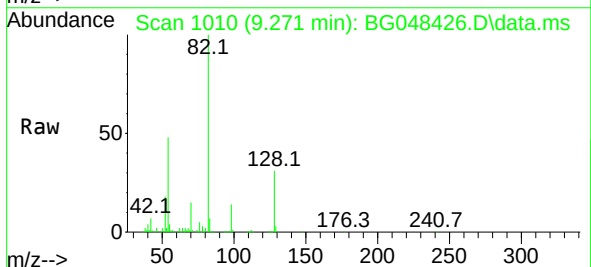
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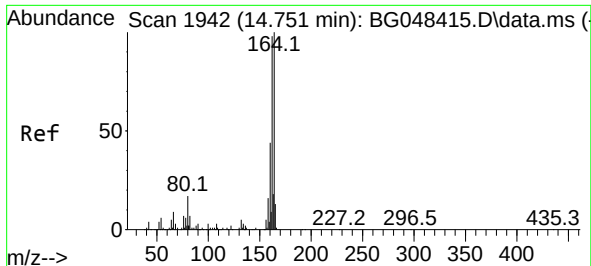
Tgt Ion:105 Resp: 9737
Ion Ratio Lower Upper
105 100
71 8.7 2.7 4.1#
51 5.0 21.0 31.6#
120 0.0 19.3 28.9#



#23
Nitrobenzene-d5
Concen: 65.96 ng
RT: 9.271 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion: 82 Resp: 235076
Ion Ratio Lower Upper
82 100
128 30.5 37.0 55.6#
54 48.5 39.0 58.4

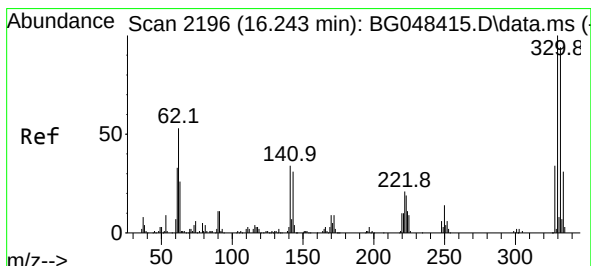
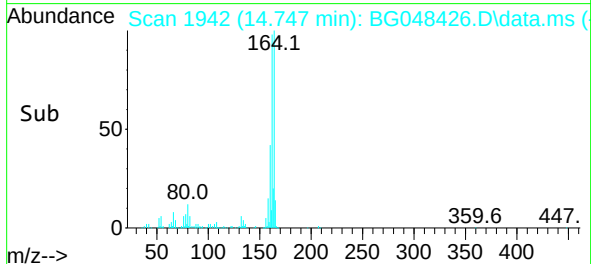
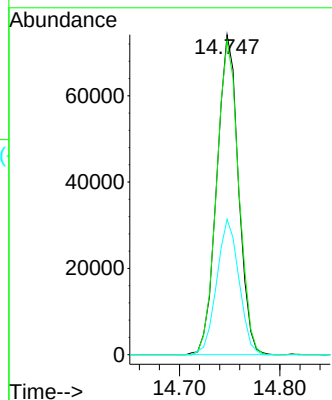
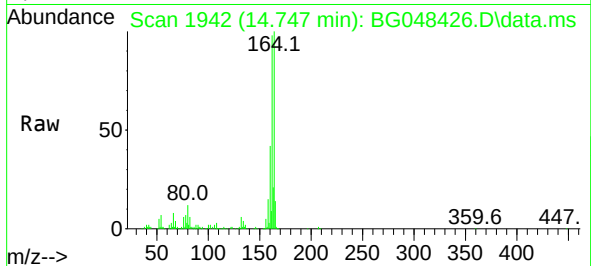




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

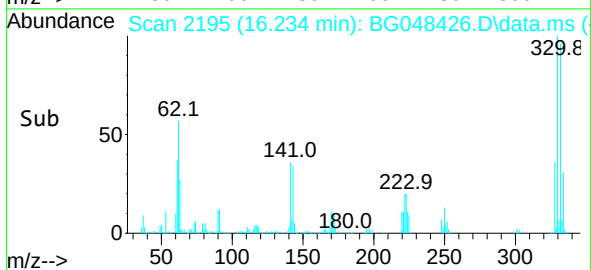
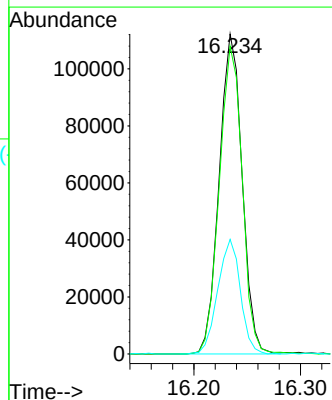
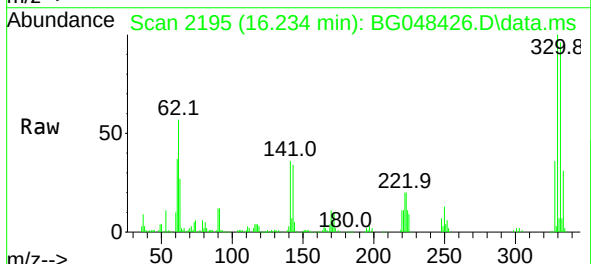
Instrument :
BNA_G
ClientSampleId :
RO124027

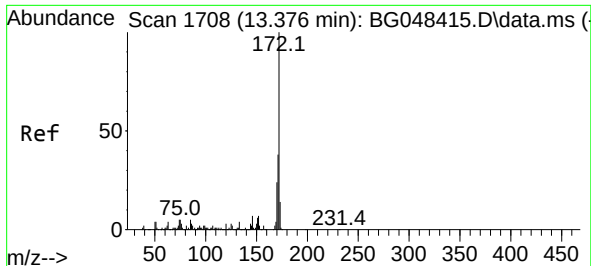
Tgt Ion:164 Resp: 110708
Ion Ratio Lower Upper
164 100
162 97.9 82.3 123.5
160 42.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 93.03 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion:330 Resp: 167496
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.3 26.0 39.0

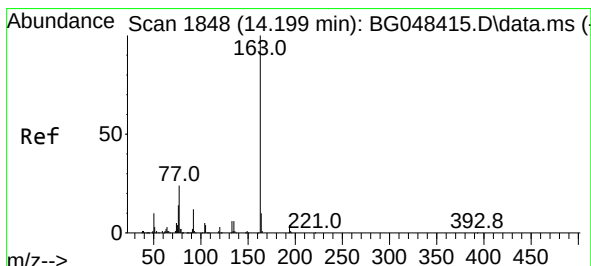
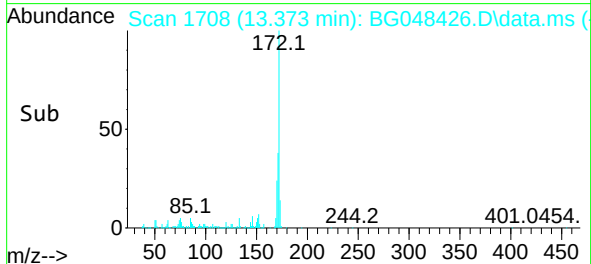
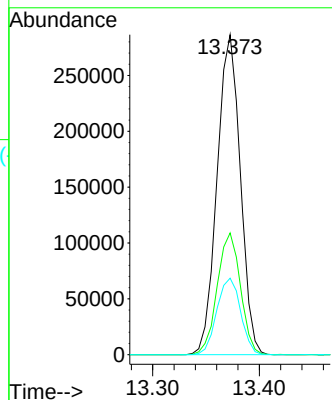
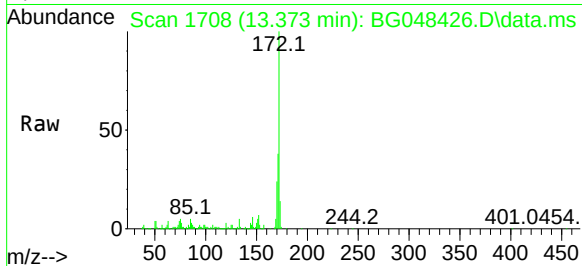




#45
2-Fluorobiphenyl
Concen: 56.30 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

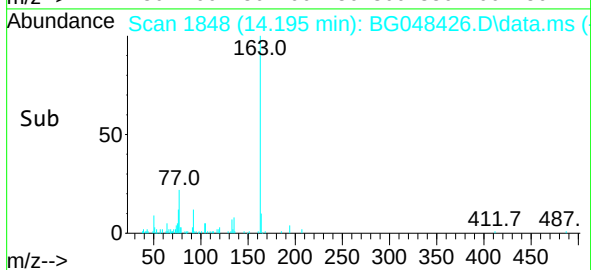
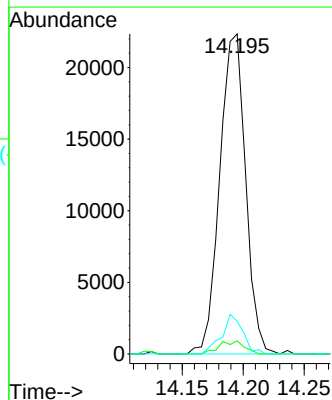
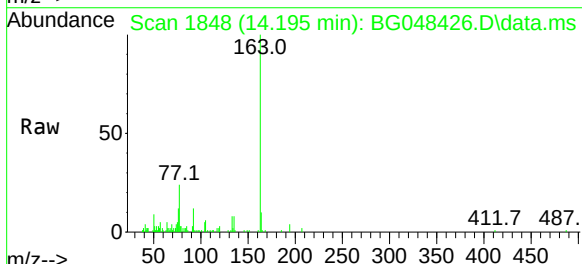
Instrument :
BNA_G
ClientSampleId :
RO124027

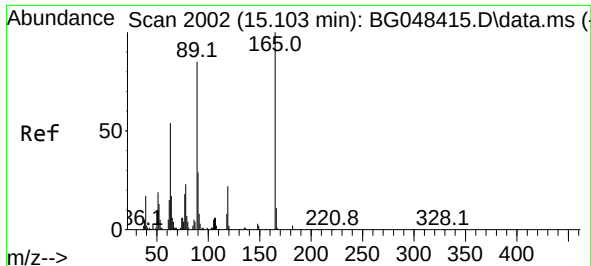
Tgt Ion:172 Resp: 433279
Ion Ratio Lower Upper
172 100
171 38.0 31.3 46.9
170 23.9 20.8 31.2



#50
Dimethylphthalate
Concen: 3.66 ng
RT: 14.195 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion:163 Resp: 32937
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.8
164 10.2 8.8 13.2

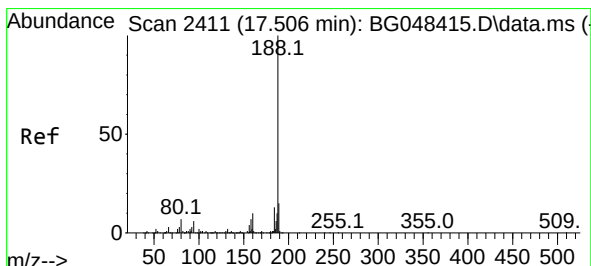
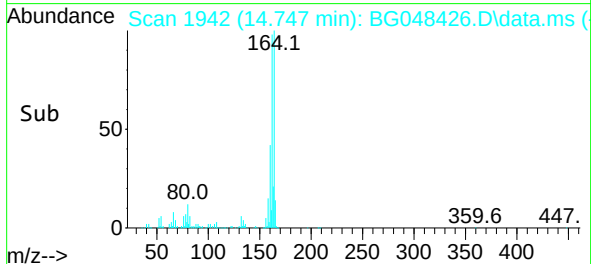
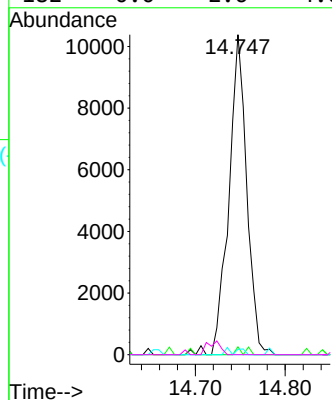
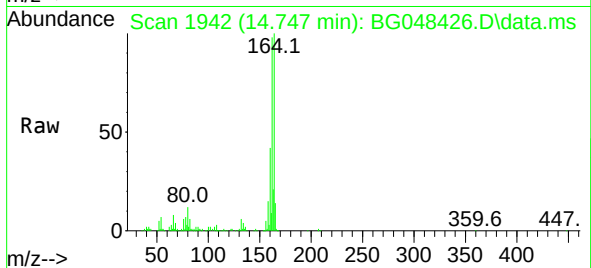




#57
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

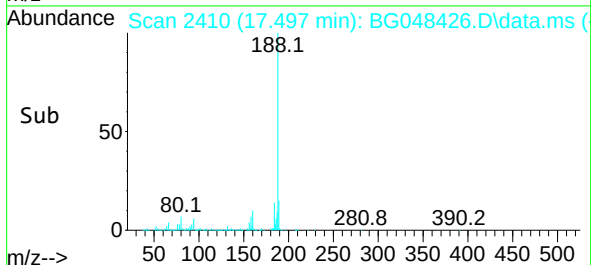
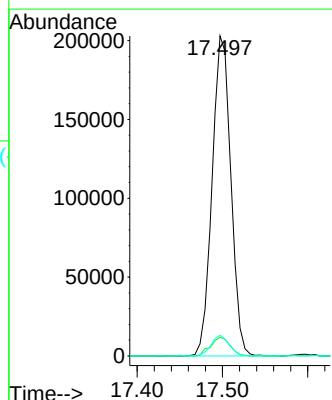
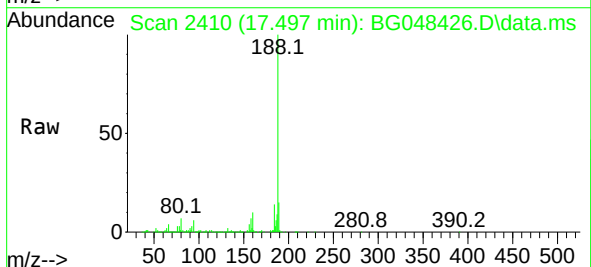
Instrument :
BNA_G
ClientSampleId :
RO124027

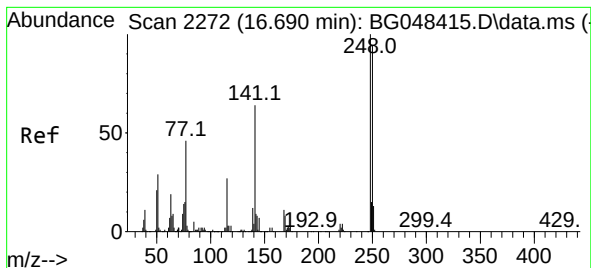
Tgt Ion:165 Resp: 14439
Ion Ratio Lower Upper
165 100
63 2.4 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion:188 Resp: 309358
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 6.5 7.0 10.6#

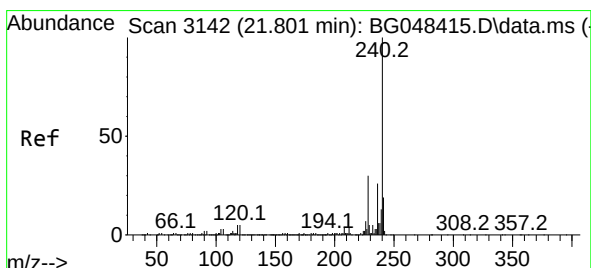
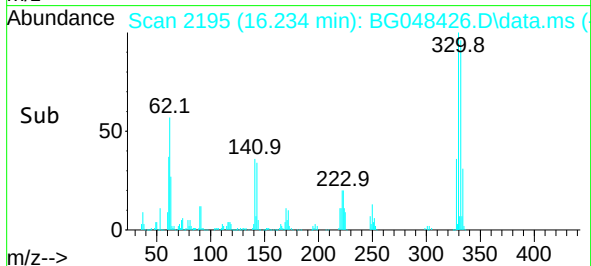
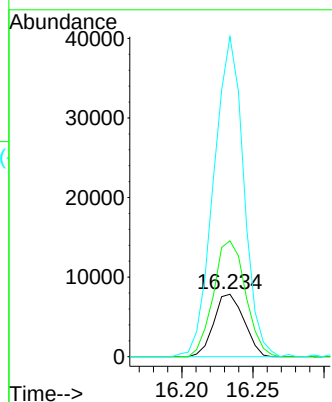
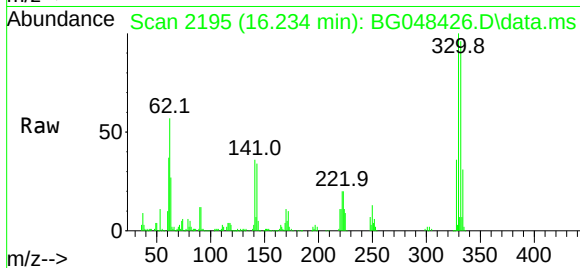




#67
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.456 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

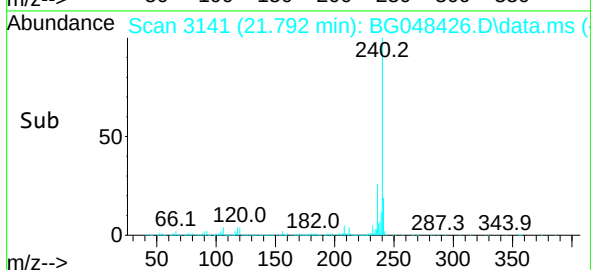
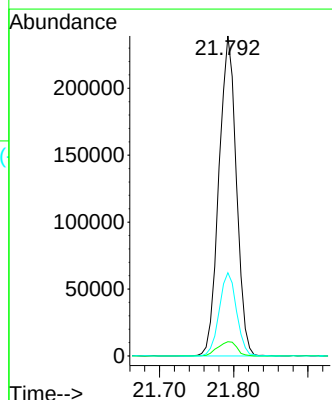
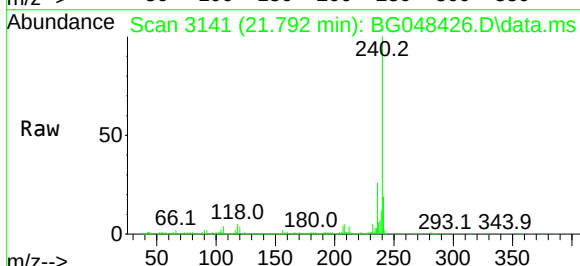
Instrument :
BNA_G
ClientSampleId :
RO124027

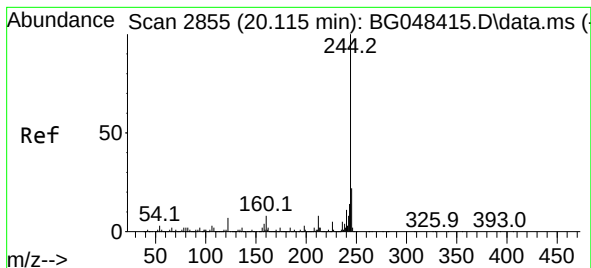
Tgt Ion:248 Resp: 11570
Ion Ratio Lower Upper
248 100
250 185.6 78.9 118.3#
141 512.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048426.D
Acq: 19 Mar 2021 16:23

Tgt Ion:240 Resp: 390163
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 35.85 ng

RT: 20.106 min Scan# 2854

Delta R.T. -0.009 min

Lab File: BG048426.D

Acq: 19 Mar 2021 16:23

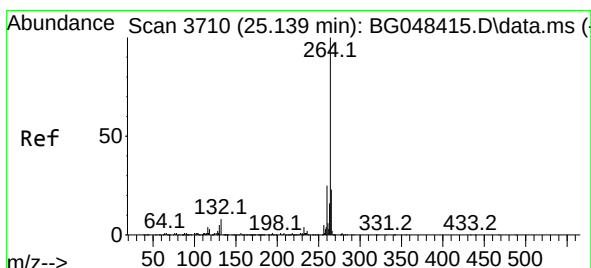
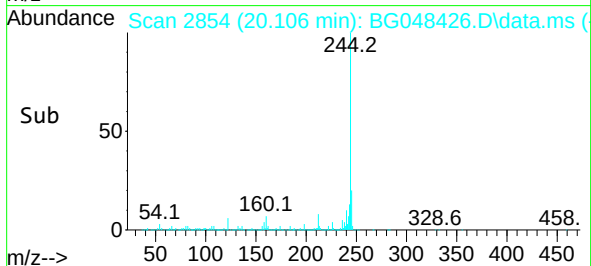
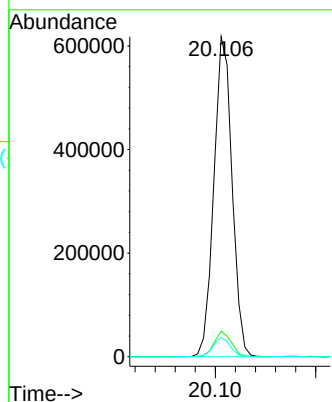
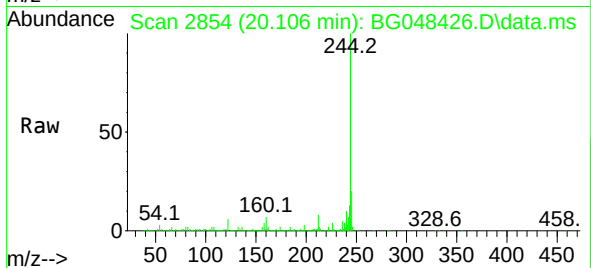
Tgt Ion:244 Resp: 775570

Ion Ratio Lower Upper

244 100

212 8.0 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: BG048426.D

Acq: 19 Mar 2021 16:23

Tgt Ion:264 Resp: 401551

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 20.5 17.8 26.8

