

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048453.D
 Acq On : 22 Mar 2021 21:55
 Operator : CG/JU
 Sample : M1707-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-510-EL-167-157

Quant Time: Mar 23 00:47:45 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)

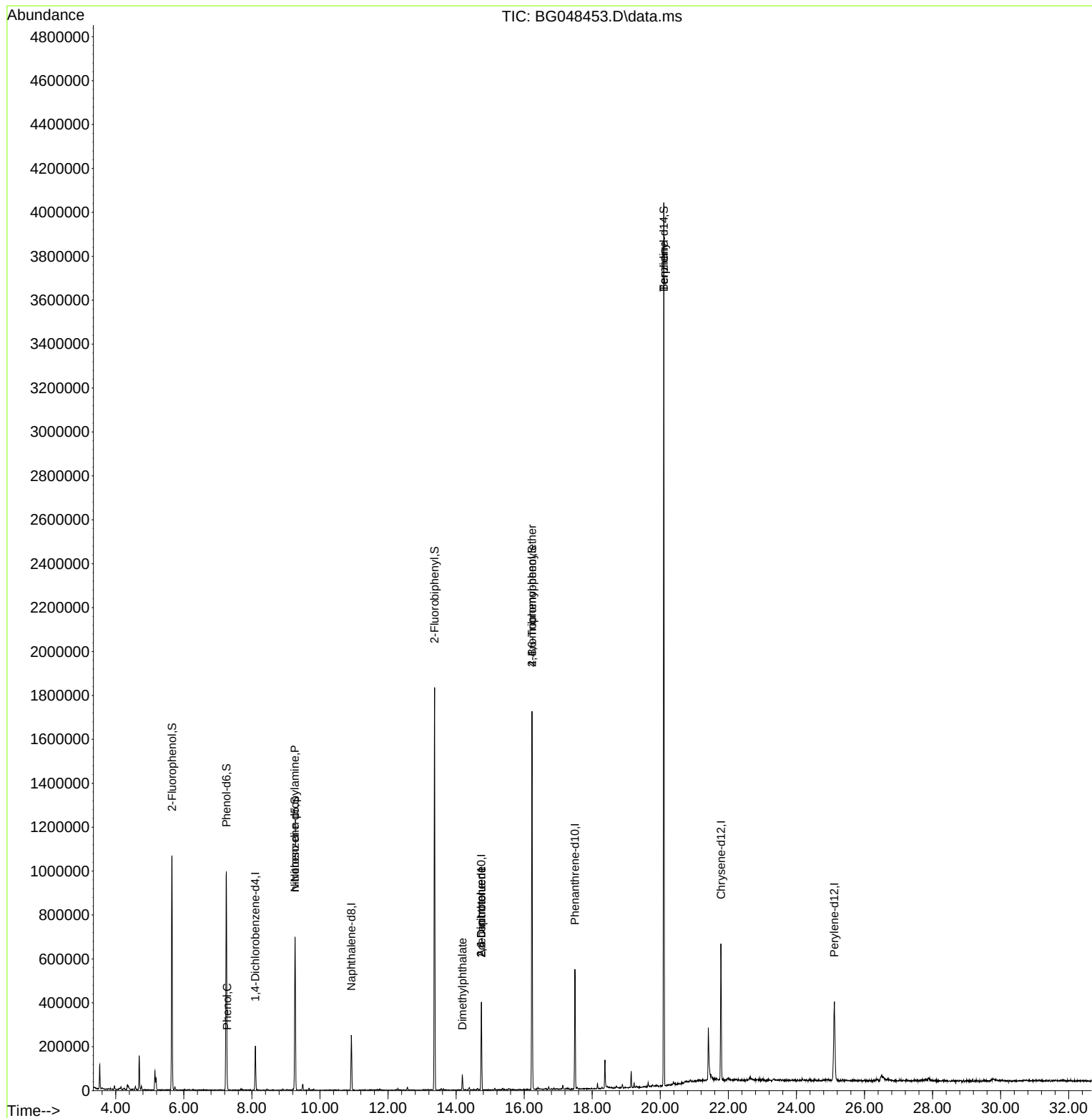
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	50113	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	193416	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	143196	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	346393	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	387173	20.00	ng	#-0.01
86) Perylene-d12	25.113	264	391960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	403310	133.09	ng	0.00
7) Phenol-d6	7.252	99	499071	113.18	ng	0.00
23) Nitrobenzene-d5	9.267	82	429337	88.75	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	321449	138.03	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	888871	89.30	ng	0.00
79) Terphenyl-d14	20.101	244	1800380	83.86	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.252	77	1995	Below Cal	#	1
10) Phenol	7.275	94	9629	2.13	ng	# 68
19) n-Nitroso-di-n-propyla...	9.267	70	65151	19.91	ng	# 72
50) Dimethylphthalate	14.185	163	40555	3.48	ng	98
51) 2,6-Dinitrotoluene	14.743	165	19216	7.66	ng	# 34
57) 2,4-Dinitrotoluene	14.743	165	19216	5.40	ng	# 32
67) 4-Bromophenyl-phenylether	16.229	248	23003	5.27	ng	# 1
77) Benzidine	20.101	184	33578	2.90	ng	# 94

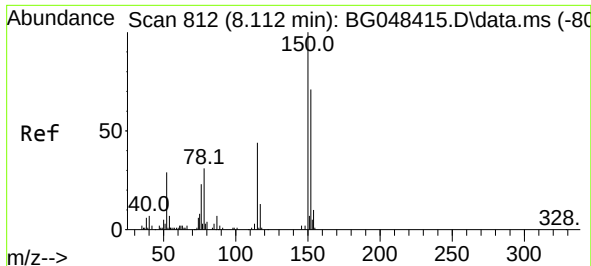
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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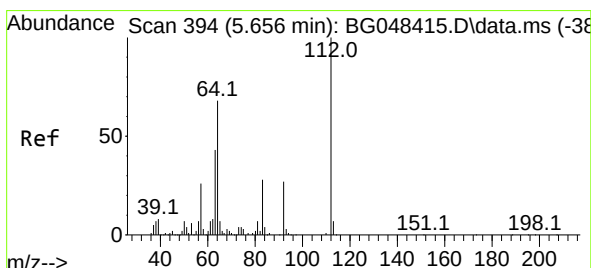
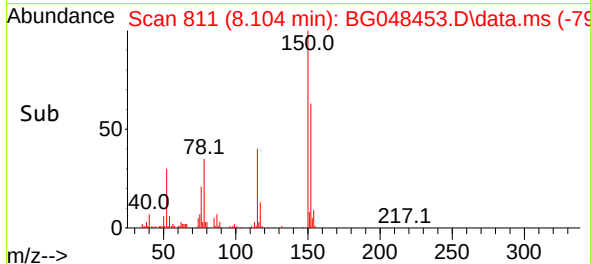
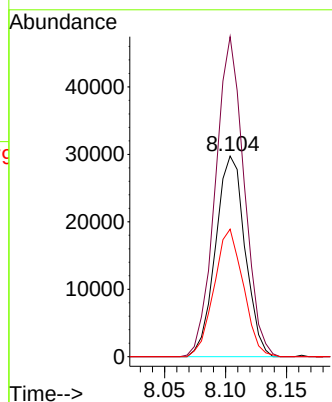
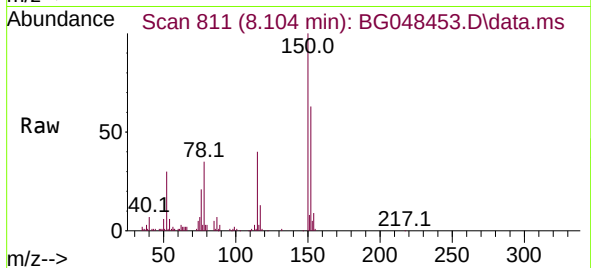




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

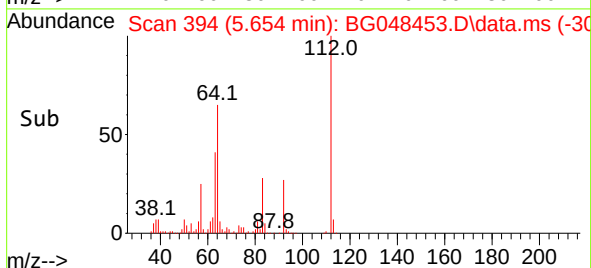
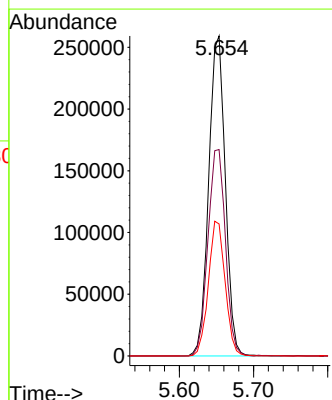
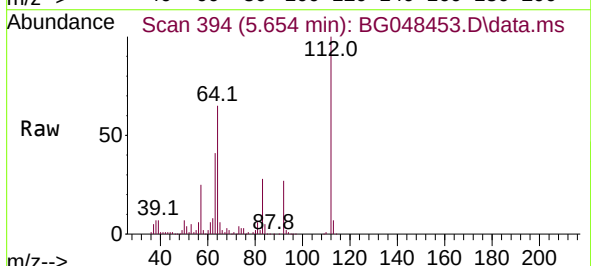
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

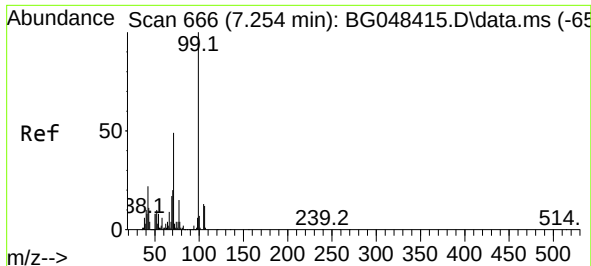
Tgt Ion:152 Resp: 50113
Ion Ratio Lower Upper
152 100
150 159.5 125.0 187.6
115 63.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 133.09 ng
RT: 5.654 min Scan# 394
Delta R.T. 0.007 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:112 Resp: 403310
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 41.3 22.8 34.2#

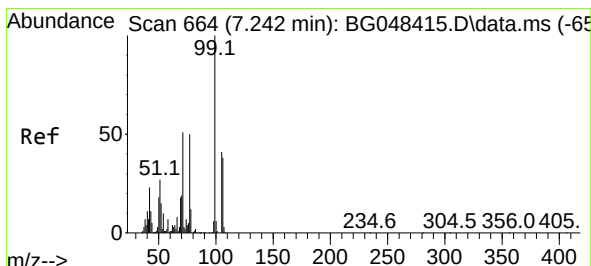
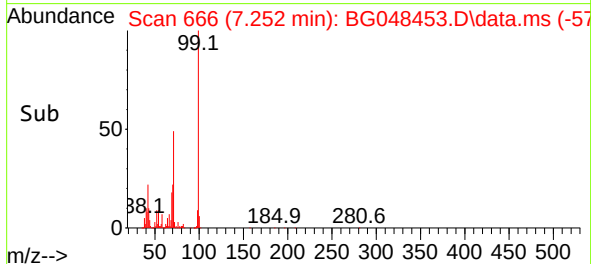
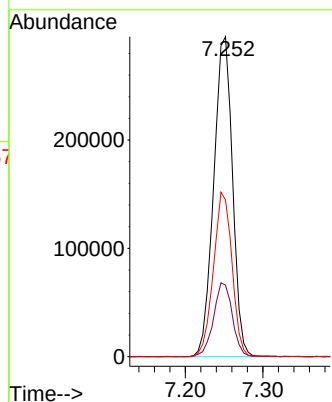
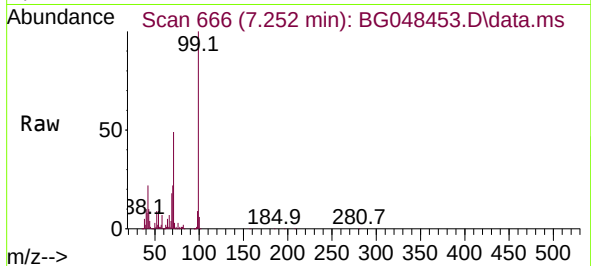




#7
Phenol-d6
Concen: 113.18 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

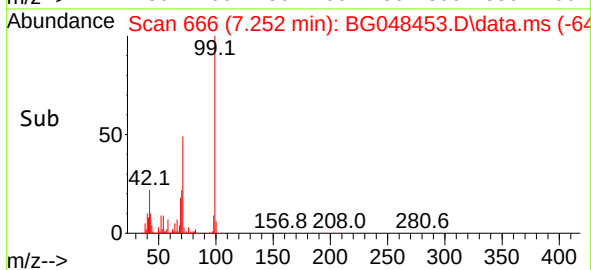
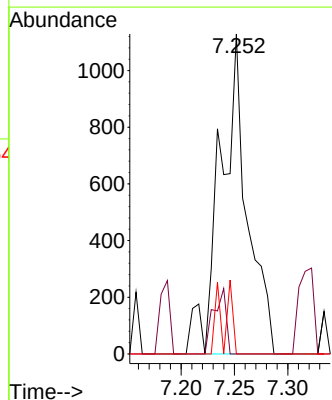
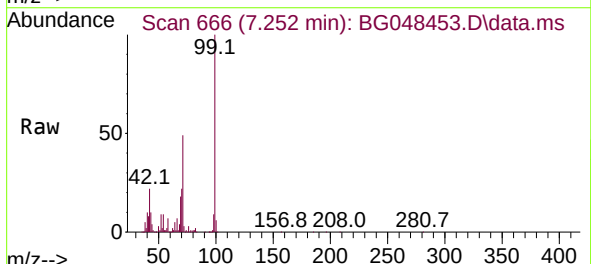
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

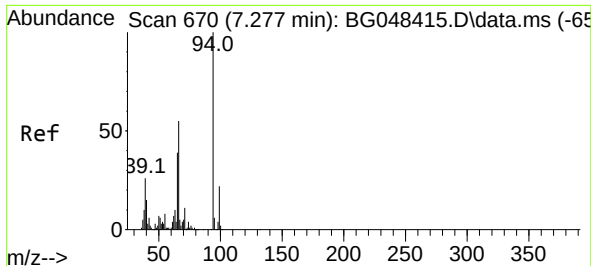
Tgt Ion: 99 Resp: 499071
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 49.0 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.013 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion: 77 Resp: 1995
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

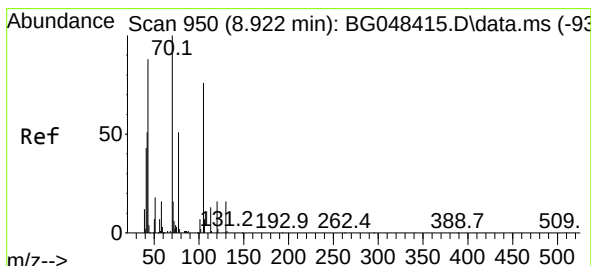
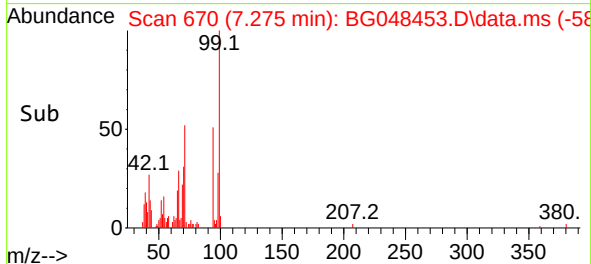
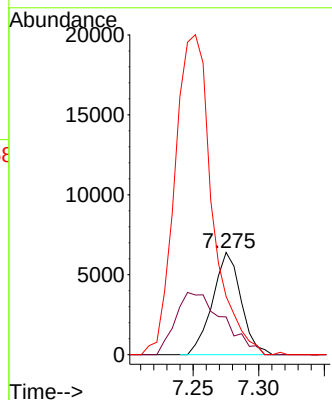
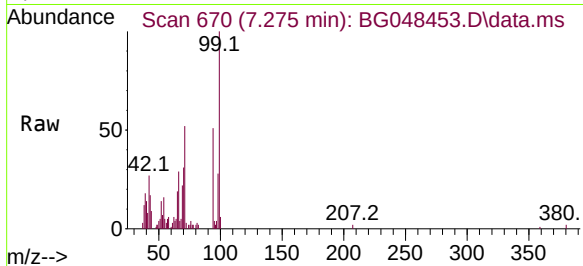




#10
Phenol
Concen: 2.13 ng
RT: 7.275 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

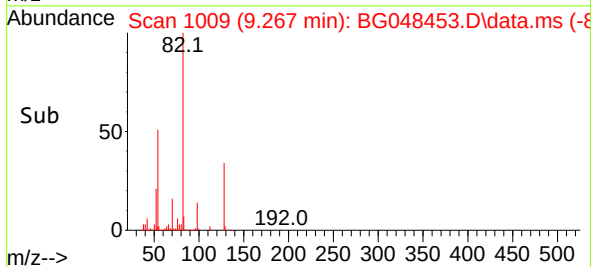
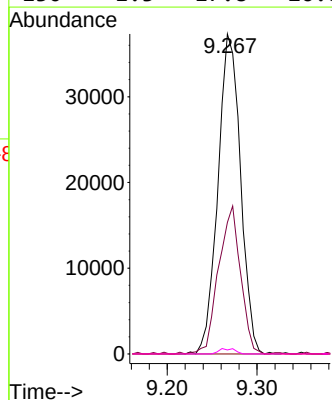
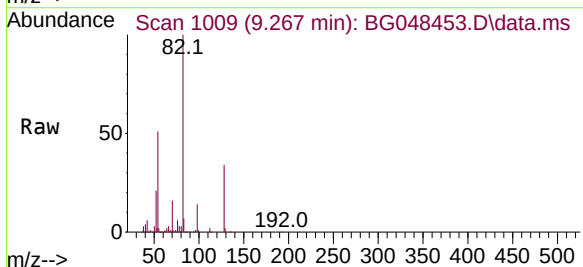
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

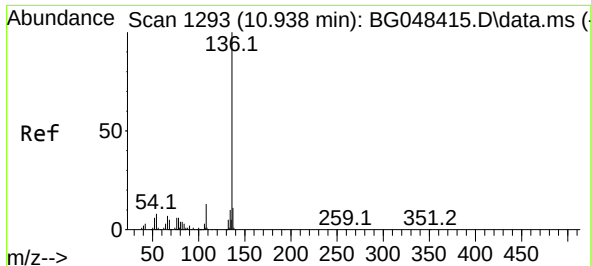
Tgt Ion: 94	Resp: 9629
Ion Ratio	Lower Upper
94 100	
65 37.0	6.6 46.6
66 57.0	13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 19.91 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion: 70	Resp: 65151
Ion Ratio	Lower Upper
70 100	
42 41.1	45.6 68.4#
101 0.0	8.4 12.6#
130 1.3	17.8 26.8#

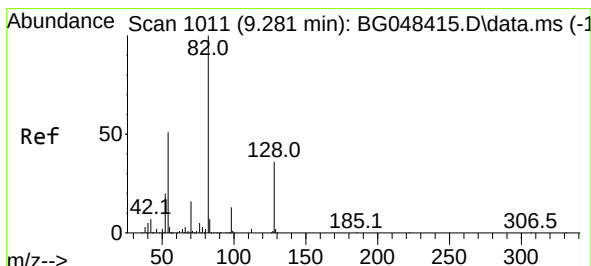
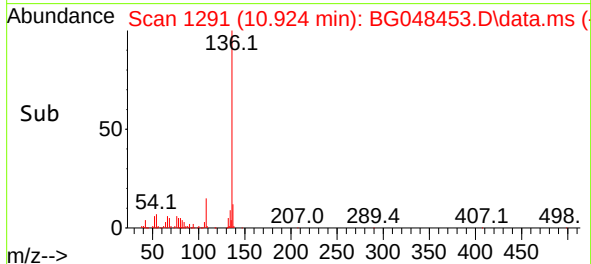
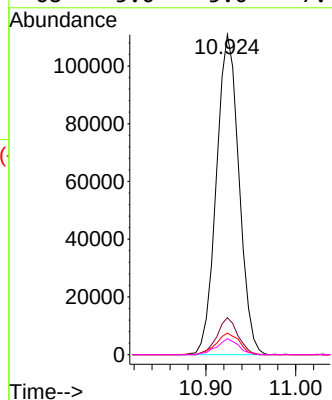
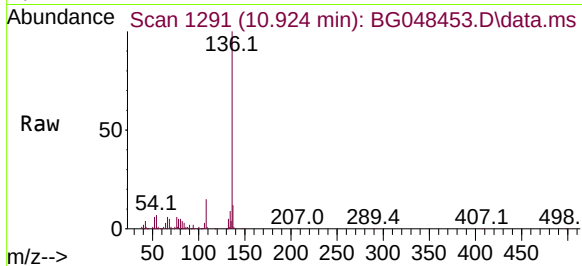




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

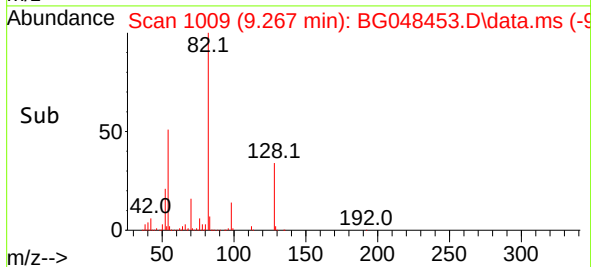
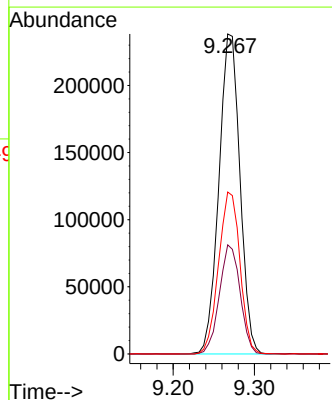
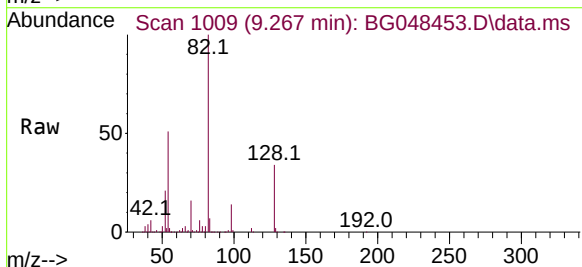
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

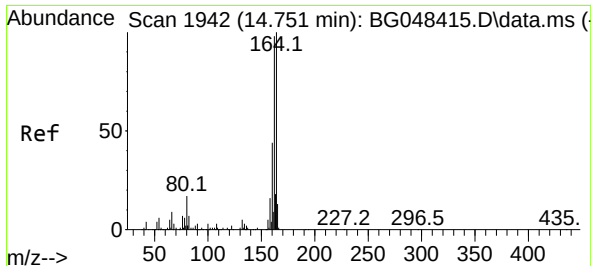
Tgt Ion:	136	Resp:	193416
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	6.8	6.2	9.4
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.75 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:	82	Resp:	429337
Ion Ratio	Lower	Upper	
82	100		
128	34.1	37.0	55.6
54	50.6	39.0	58.4

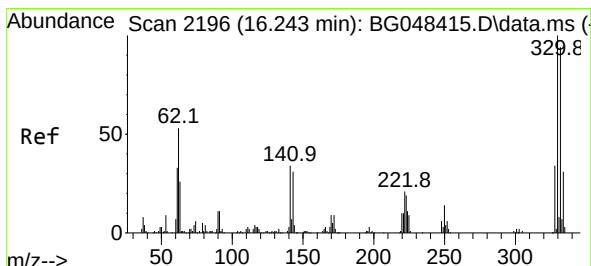
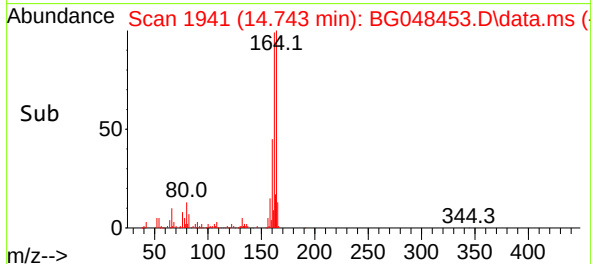
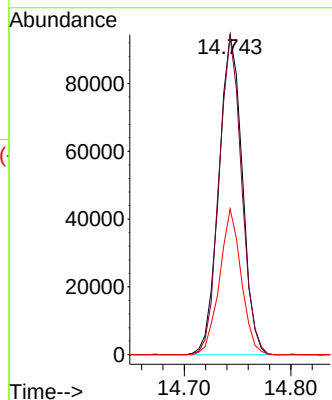
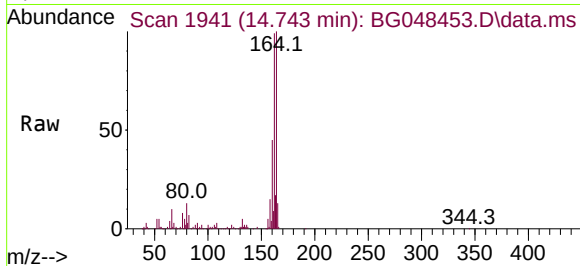




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

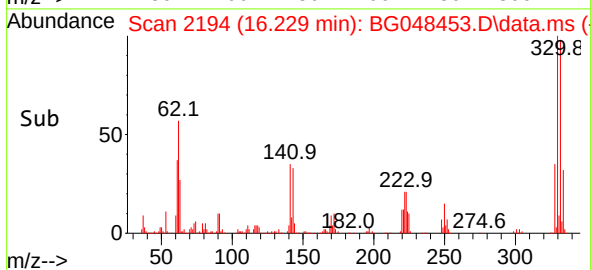
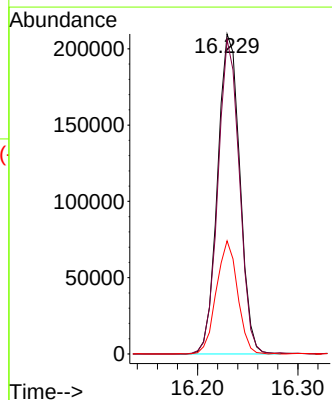
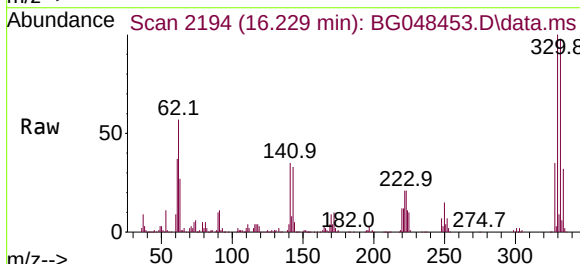
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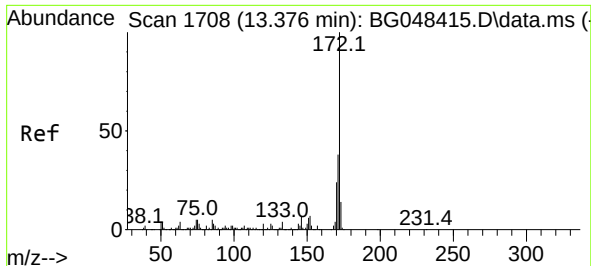
Tgt Ion:164 Resp: 143196
Ion Ratio Lower Upper
164 100
162 99.4 82.3 123.5
160 45.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 138.03 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:330 Resp: 321449
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 33.9 26.0 39.0

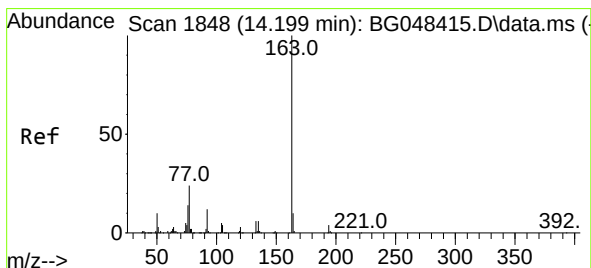
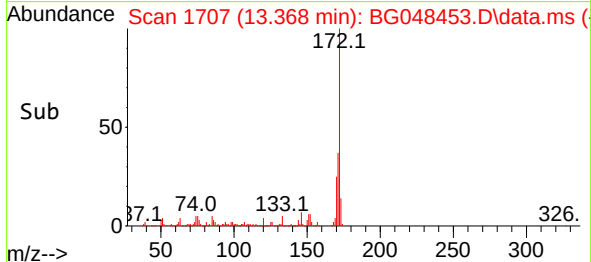
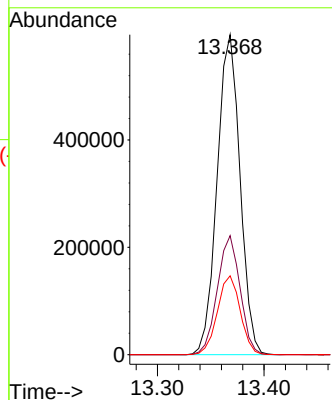
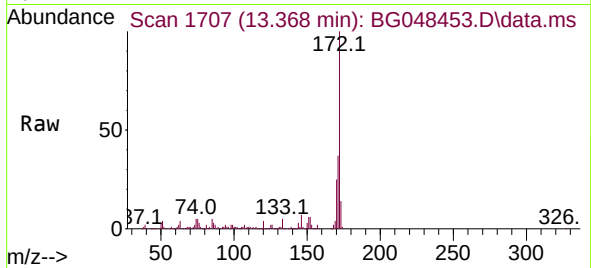




#45
2-Fluorobiphenyl
Concen: 89.30 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

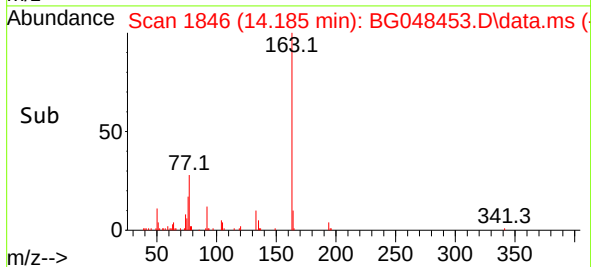
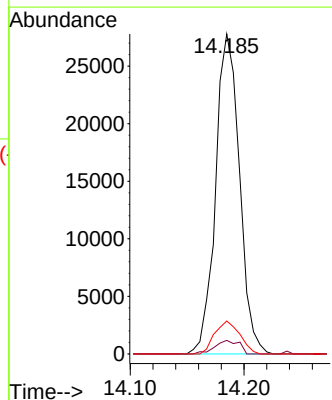
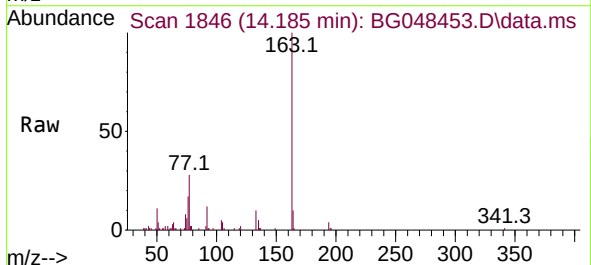
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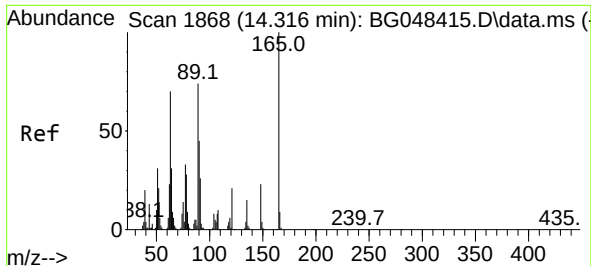
Tgt Ion:172 Resp: 888871
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 24.7 20.8 31.2



#50
Dimethylphthalate
Concen: 3.48 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:163 Resp: 40555
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.8
164 10.3 8.8 13.2

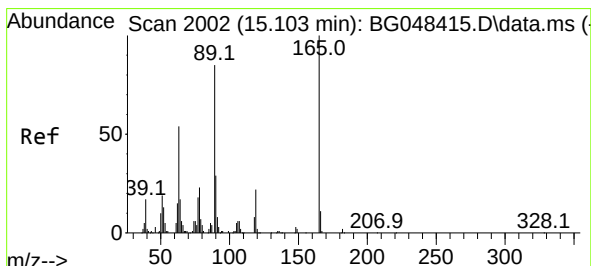
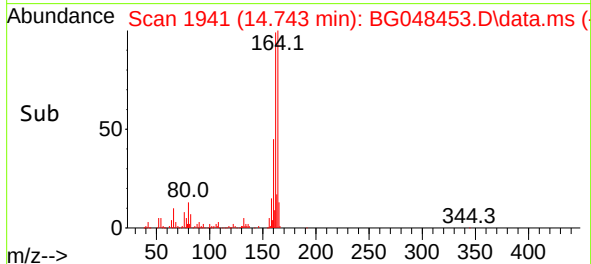
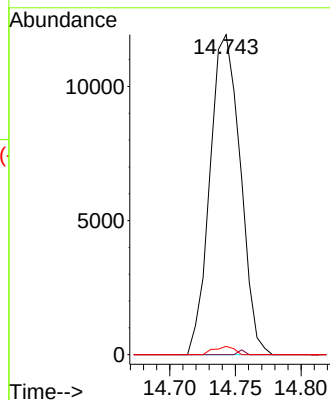
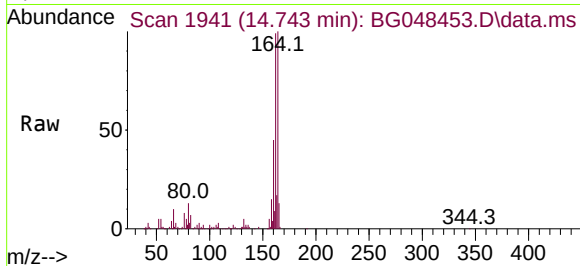




#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

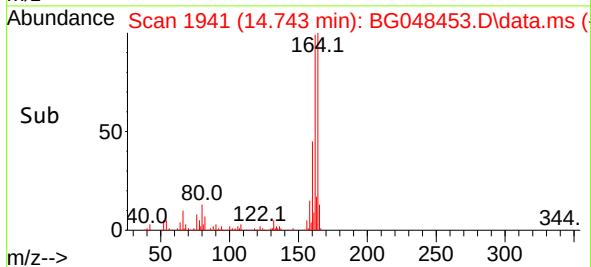
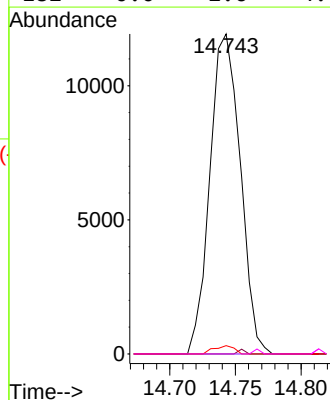
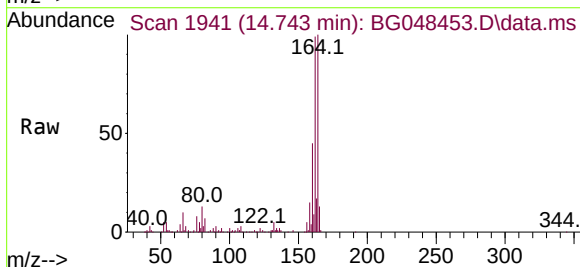
Instrument :
BNA_G
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ELEVATOR-510-EL-167-157

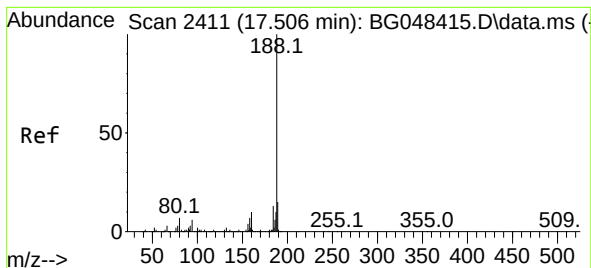
Tgt Ion:165 Resp: 19216
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.40 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.357 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:165 Resp: 19216
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#

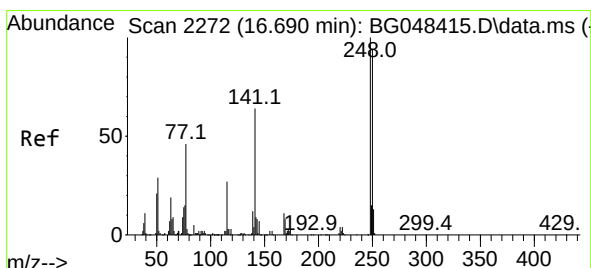
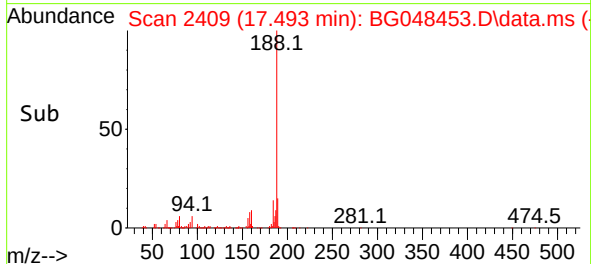
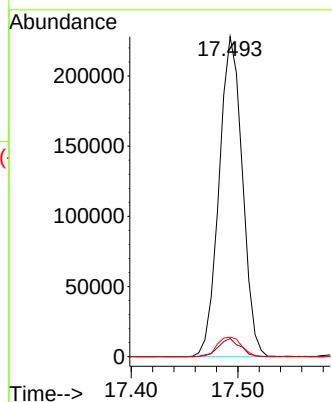
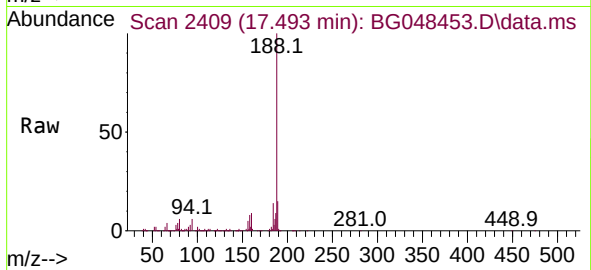




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

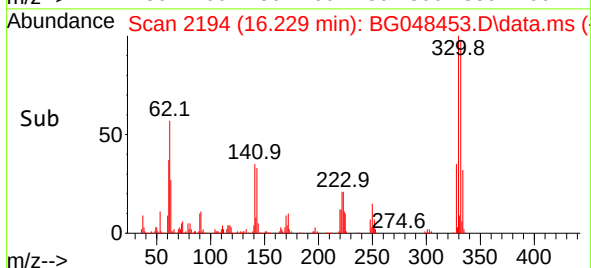
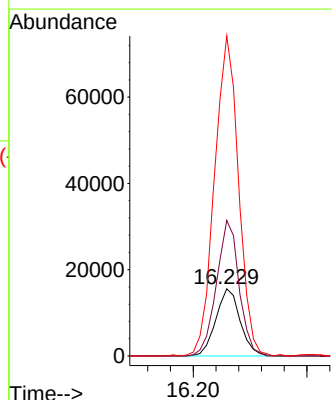
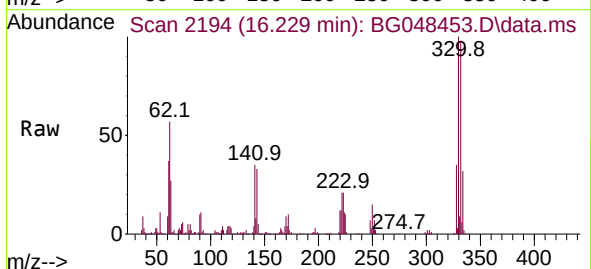
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

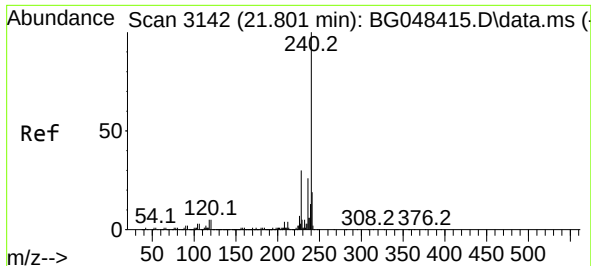
Tgt Ion:188 Resp: 346393
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.1 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.451 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:248 Resp: 23003
Ion Ratio Lower Upper
248 100
250 201.4 78.9 118.3#
141 475.7 46.2 69.4#

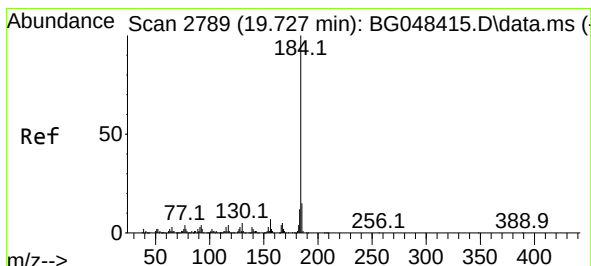
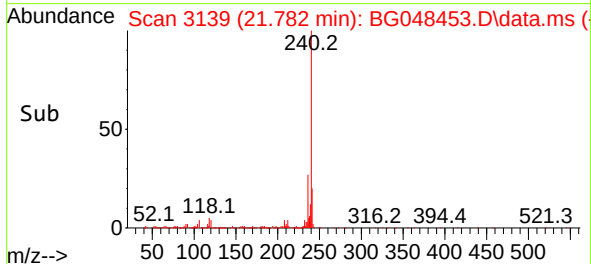
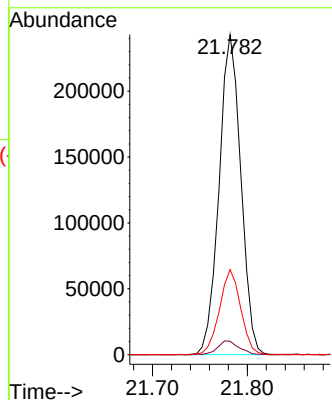
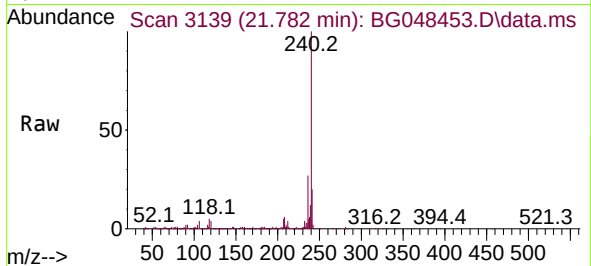




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

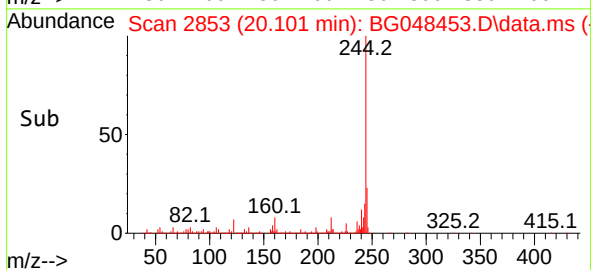
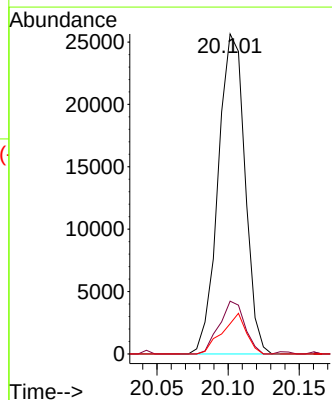
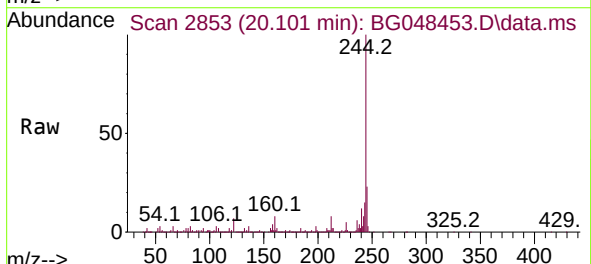
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

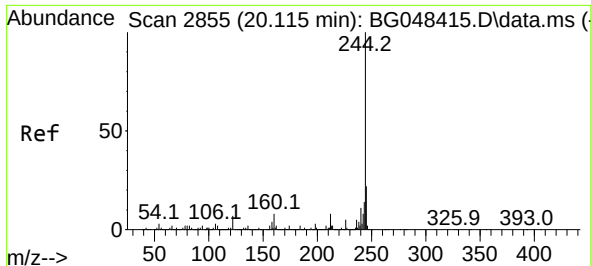
Tgt Ion:240 Resp: 387173
Ion Ratio Lower Upper
240 100
120 4.2 6.2 9.4#
236 26.6 20.5 30.7



#77
Benzidine
Concen: 2.90 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.377 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:184 Resp: 33578
Ion Ratio Lower Upper
184 100
185 16.5 12.4 18.6
183 9.4 10.6 15.8#

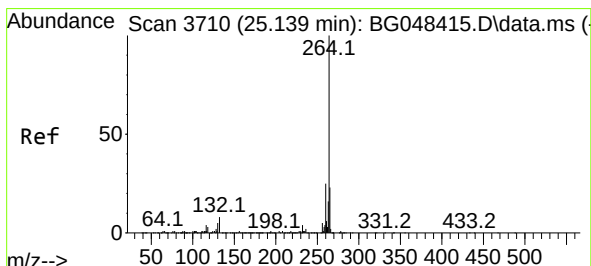
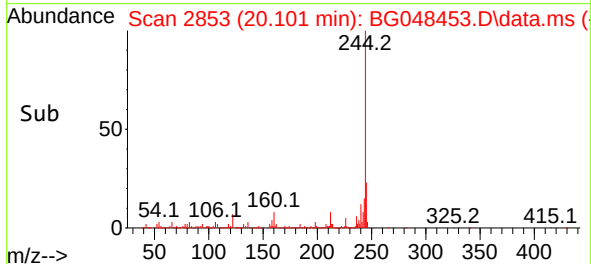
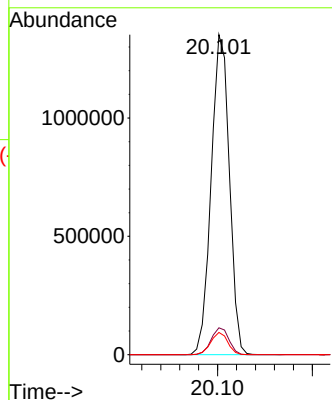
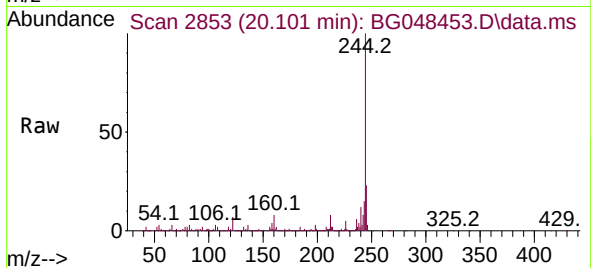




#79
Terphenyl-d14
Concen: 83.86 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

Tgt Ion:244 Resp: 1800380
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 6.9 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.113 min Scan# 3706
Delta R.T. -0.011 min
Lab File: BG048453.D
Acq: 22 Mar 2021 21:55

Tgt Ion:264 Resp: 391960
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 22.9 17.8 26.8

