

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048455.D
 Acq On : 22 Mar 2021 23:17
 Operator : CG/JU
 Sample : M1707-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-511-EL-162-157

Quant Time: Mar 23 00:48:09 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)

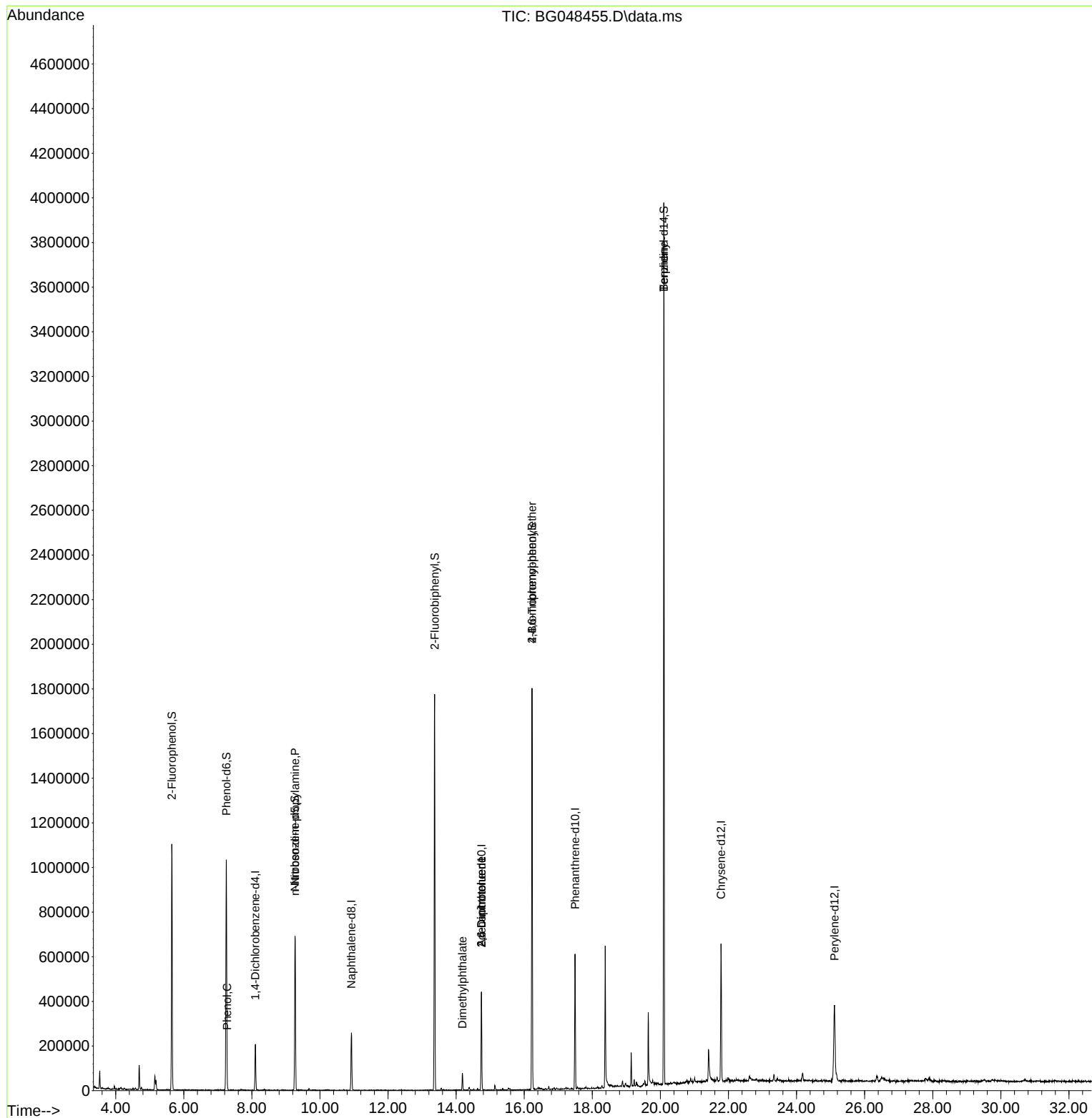
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	53571	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	202806	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	151347	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	371808	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	387632	20.00	ng	#-0.01
86) Perylene-d12	25.114	264	387259	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	406520	125.49	ng	0.00
7) Phenol-d6	7.252	99	529160	112.26	ng	0.00
23) Nitrobenzene-d5	9.267	82	418420	82.49	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	322763	131.13	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	867822	82.49	ng	0.00
79) Terphenyl-d14	20.102	244	1751020	81.46	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.246	77	1683	Below Cal	#	13
10) Phenol	7.276	94	9918	2.05 ng	#	69
19) n-Nitroso-di-n-propyla...	9.273	70	64658	18.48 ng	#	79
50) Dimethylphthalate	14.185	163	45478	3.69 ng		96
51) 2,6-Dinitrotoluene	14.743	165	19715	7.44 ng	#	36
57) 2,4-Dinitrotoluene	14.743	165	19715	5.24 ng	#	34
67) 4-Bromophenyl-phenylether	16.230	248	22122	4.72 ng	#	1
77) Benzidine	20.102	184	31857	2.74 ng	#	94

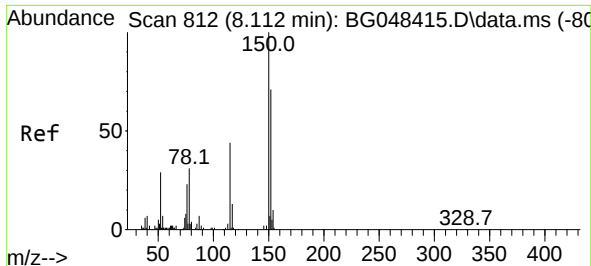
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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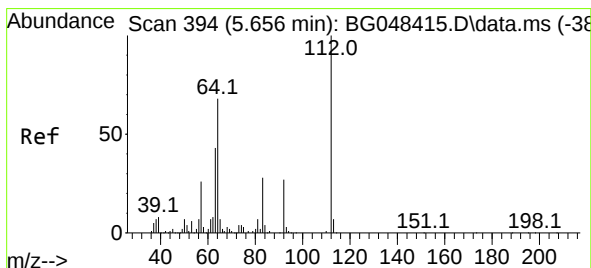
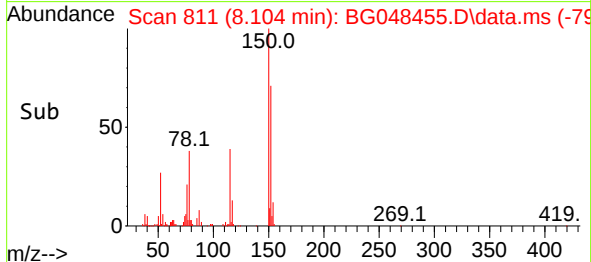
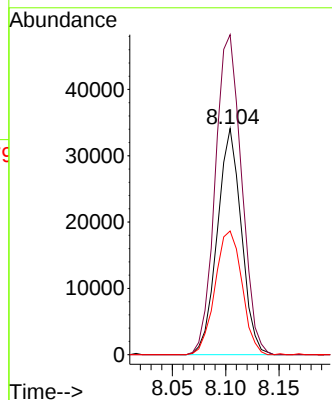
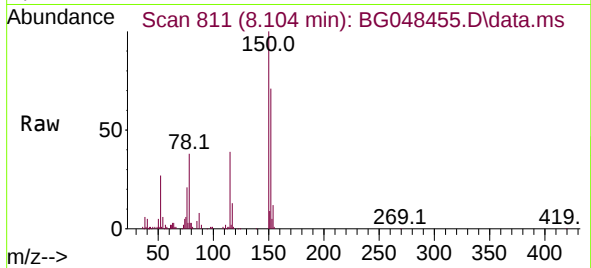




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

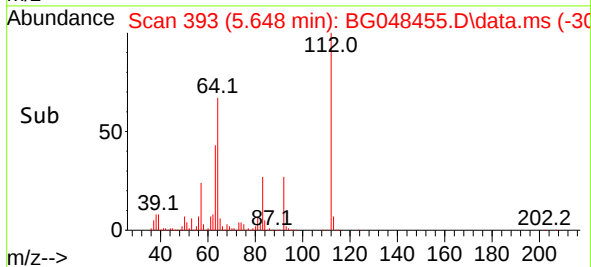
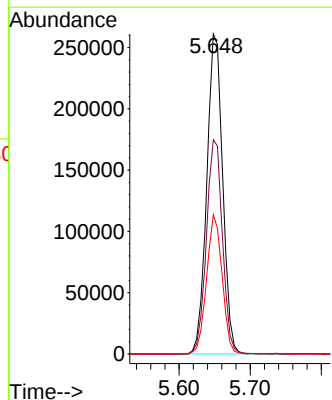
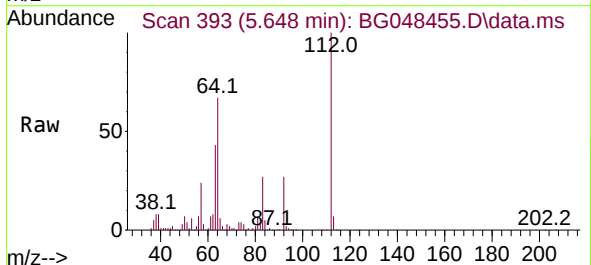
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

Tgt Ion:152 Resp: 53571
Ion Ratio Lower Upper
152 100
150 141.5 125.0 187.6
115 54.7 41.8 62.6



#5
2-Fluorophenol
Concen: 125.49 ng
RT: 5.648 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:112 Resp: 406520
Ion Ratio Lower Upper
112 100
64 66.9 46.7 70.1
63 43.5 22.8 34.2#

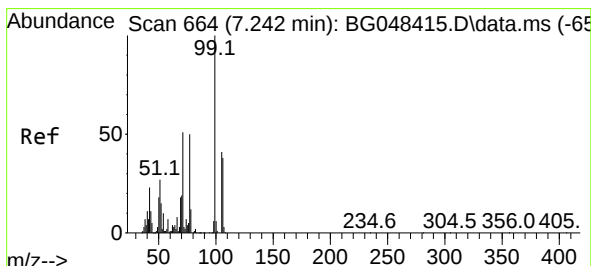
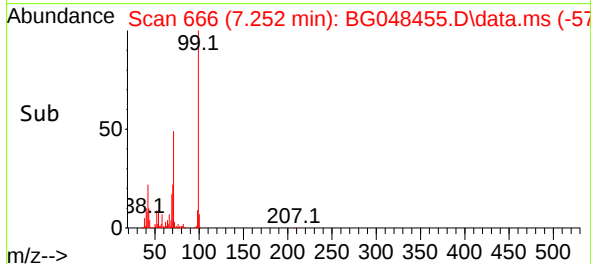
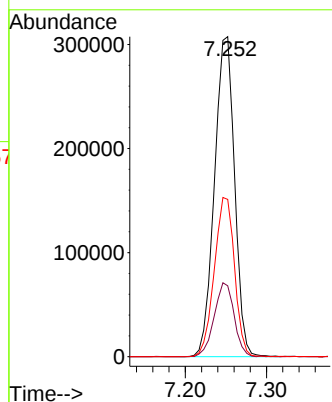
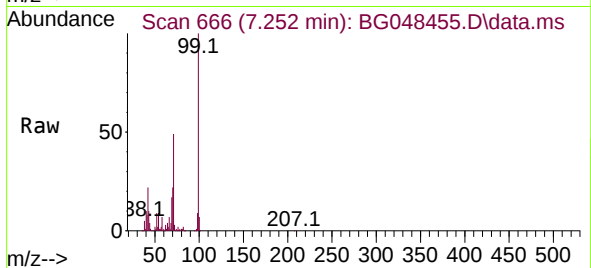




#7
Phenol-d6
Concen: 112.26 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

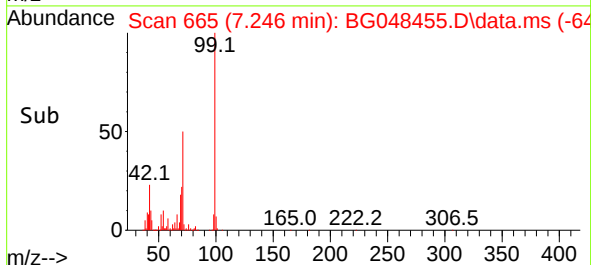
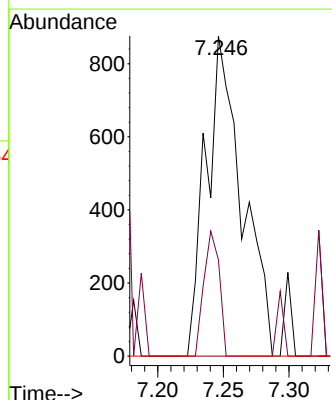
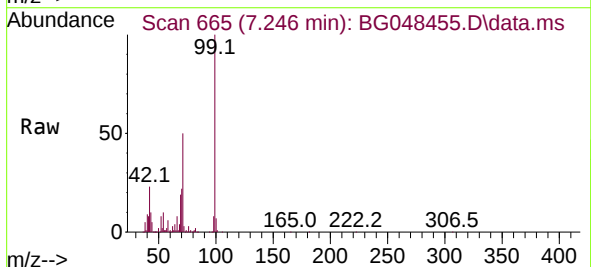
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

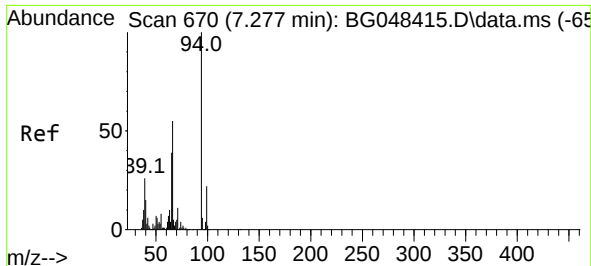
Tgt Ion: 99 Resp: 529160
Ion Ratio Lower Upper
99 100
42 22.1 12.8 19.2#
71 49.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.246 min Scan# 665
Delta R.T. 0.007 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion: 77 Resp: 1683
Ion Ratio Lower Upper
77 100
105 30.0 85.9 125.9#
106 0.0 80.9 120.9#

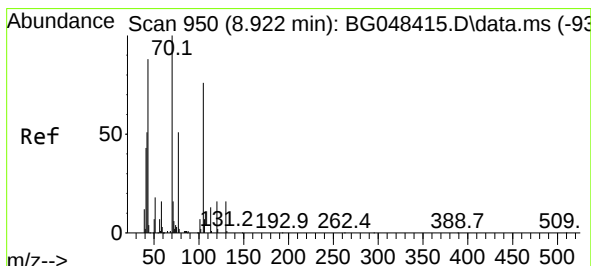
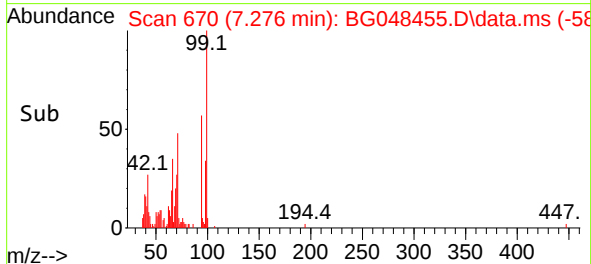
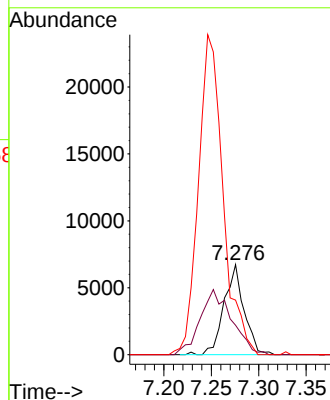
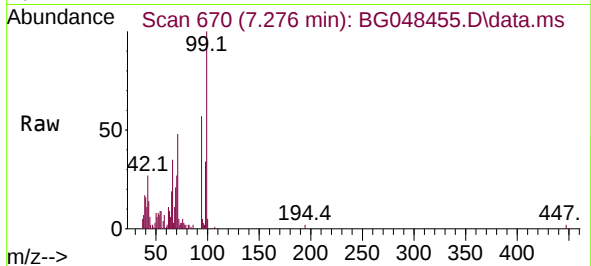




#10
Phenol
Concen: 2.05 ng
RT: 7.276 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

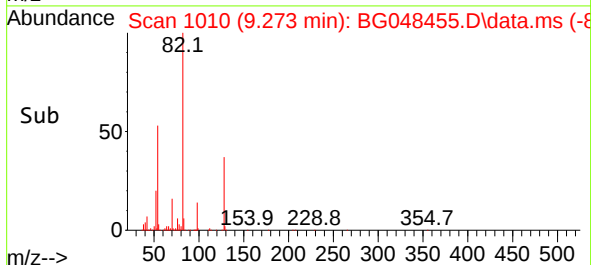
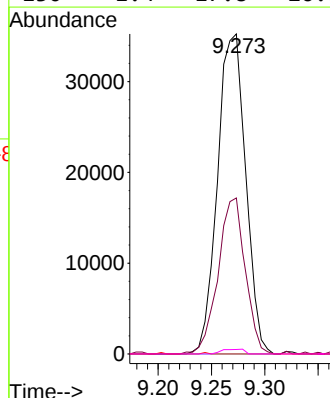
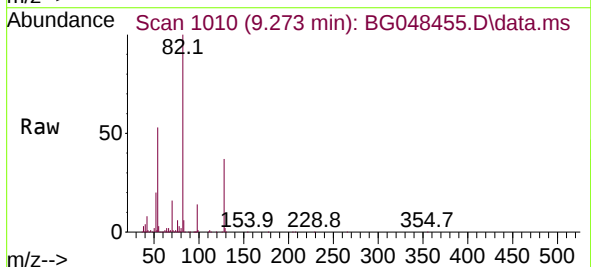
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

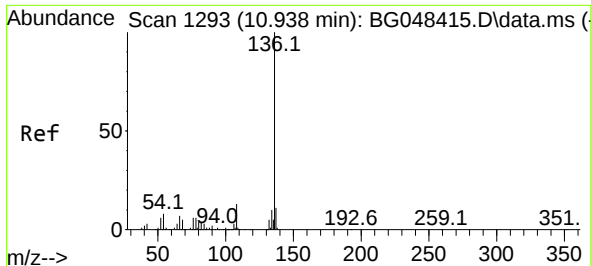
Tgt Ion: 94 Resp: 9918
Ion Ratio Lower Upper
94 100
65 32.7 6.6 46.6
66 60.6 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 18.48 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.360 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion: 70 Resp: 64658
Ion Ratio Lower Upper
70 100
42 48.8 45.6 68.4
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

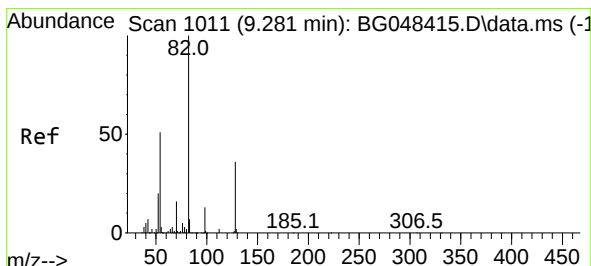
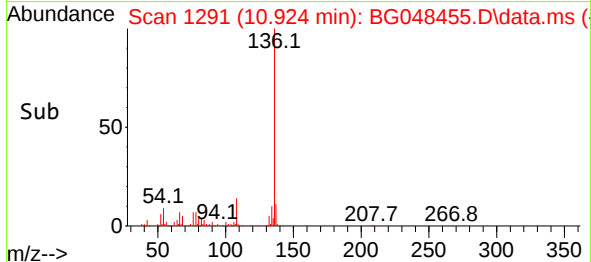
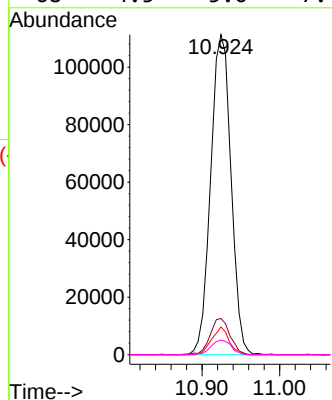
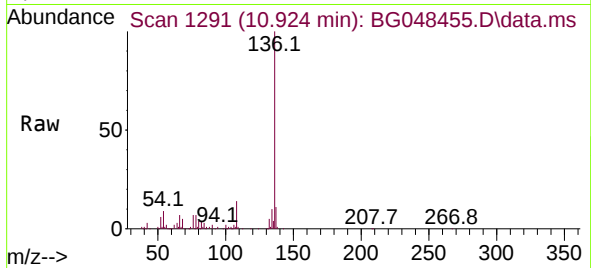




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

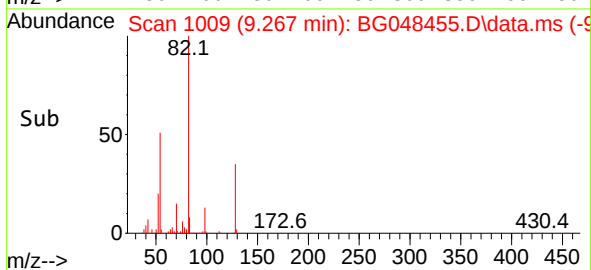
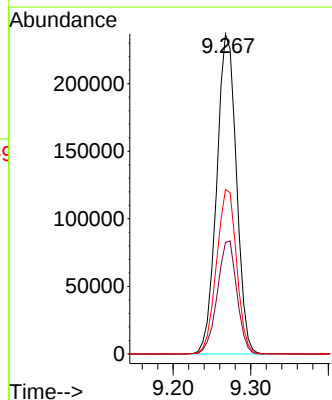
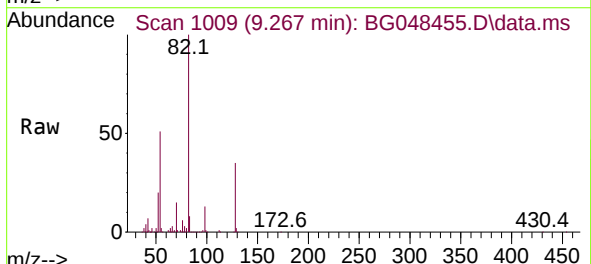
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

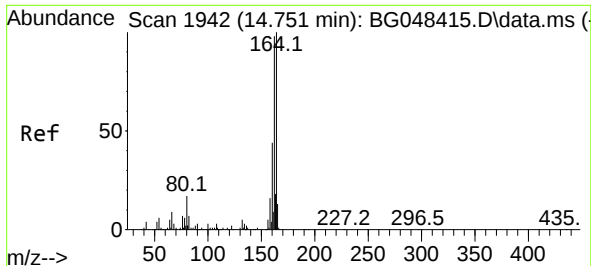
Tgt Ion:	136	Resp:	202806
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	8.7	6.2	9.4
68	4.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.49 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:	82	Resp:	418420
Ion Ratio	Lower	Upper	
82	100		
128	34.8	37.0	55.6
54	51.4	39.0	58.4

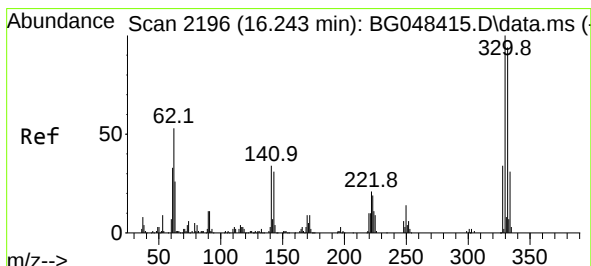
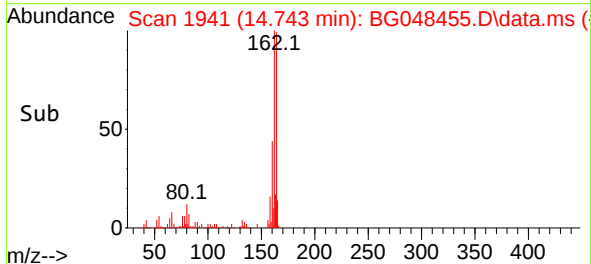
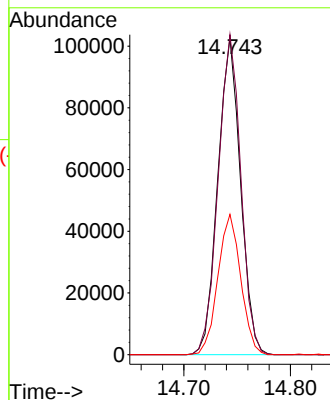
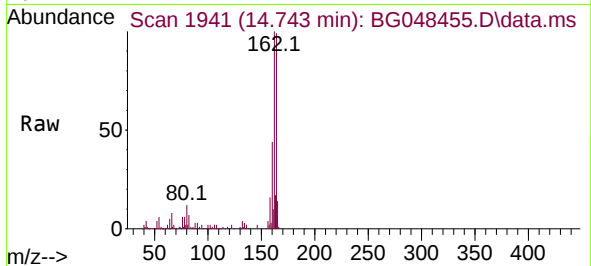




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

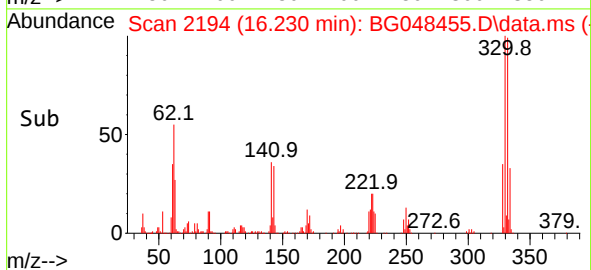
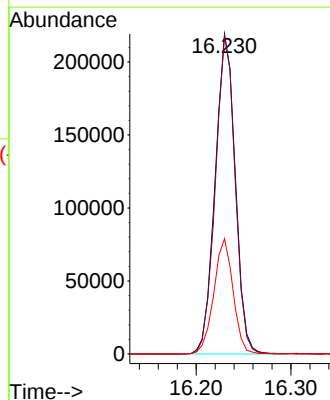
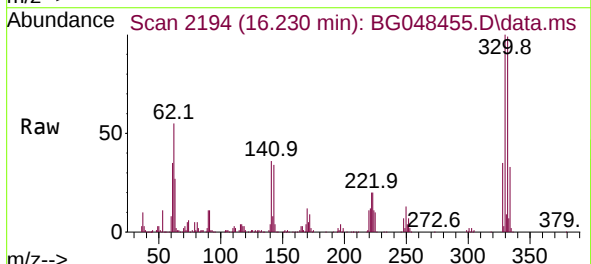
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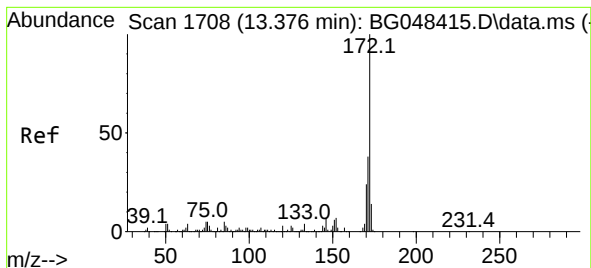
Tgt Ion:164 Resp: 151347
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 44.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 131.13 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:330 Resp: 322763
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 34.7 26.0 39.0

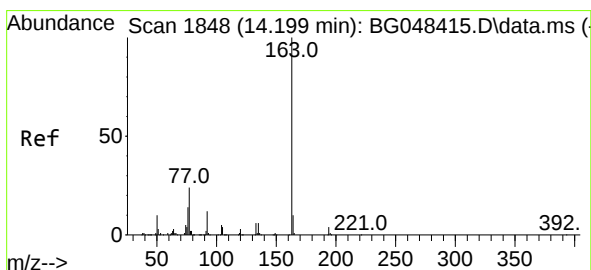
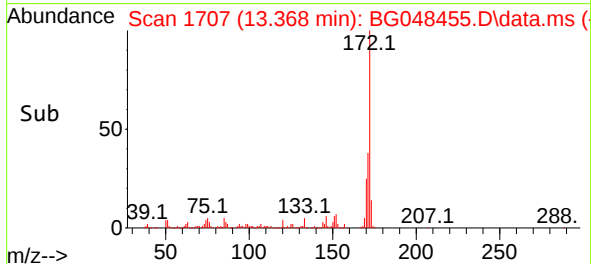
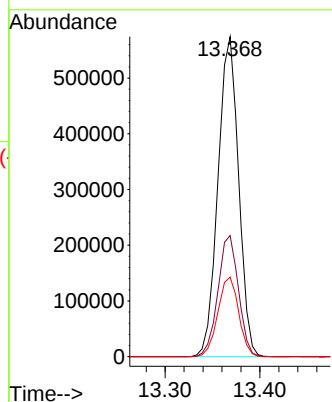
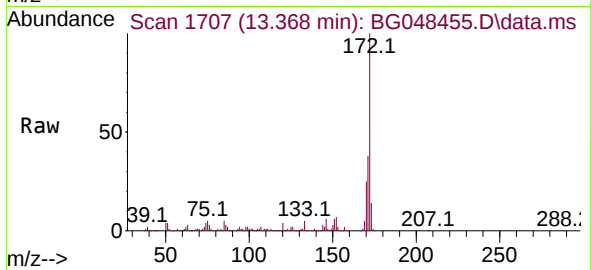




#45
2-Fluorobiphenyl
Concen: 82.49 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

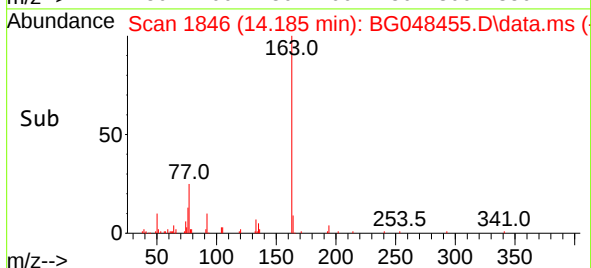
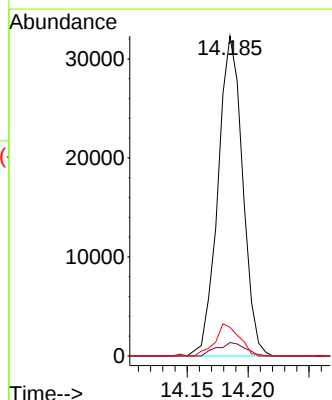
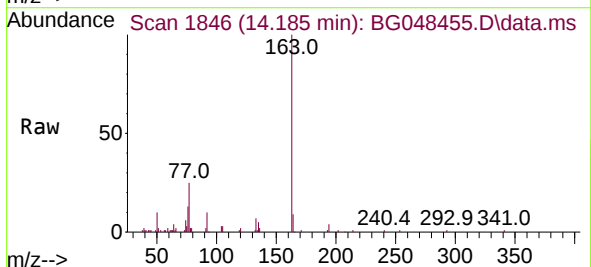
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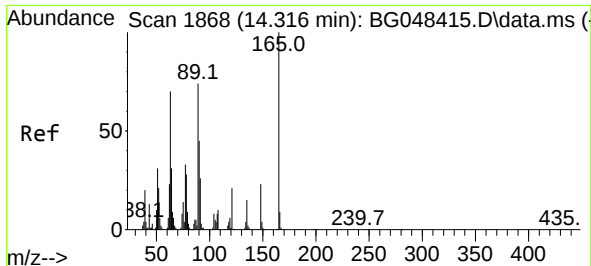
Tgt Ion:172 Resp: 867822
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.8 20.8 31.2



#50
Dimethylphthalate
Concen: 3.69 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:163 Resp: 45478
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.8
164 9.0 8.8 13.2

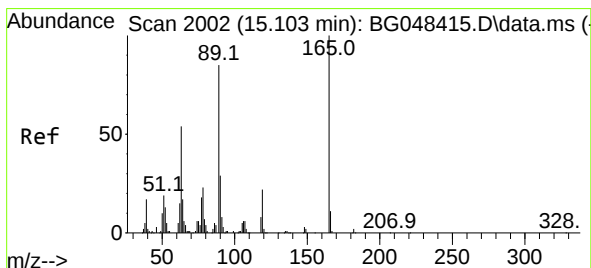
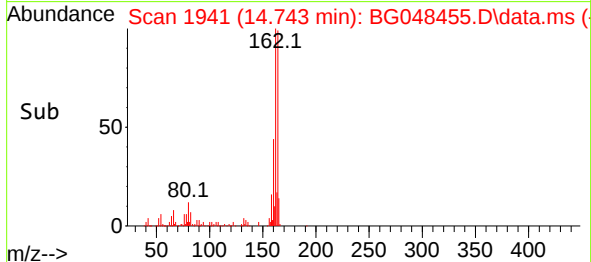
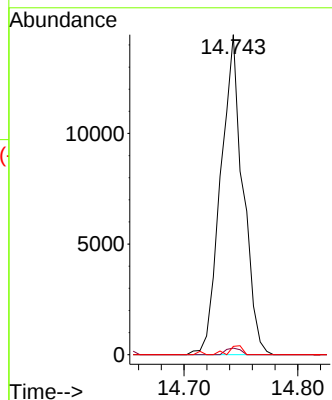
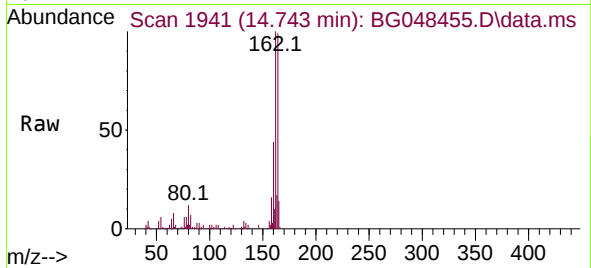




#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

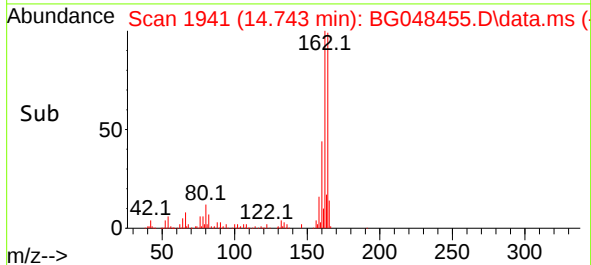
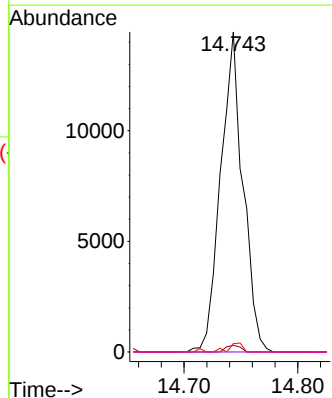
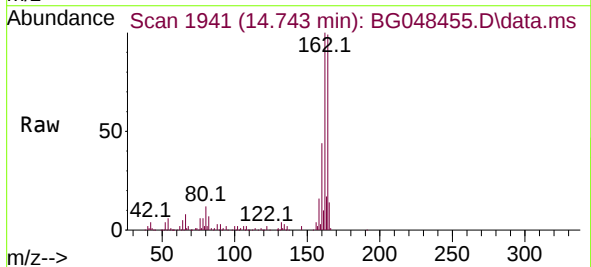
Instrument :
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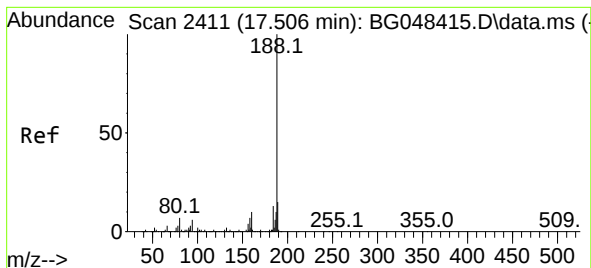
Tgt Ion:165 Resp: 19715
Ion Ratio Lower Upper
165 100
63 2.0 33.7 50.5#
89 2.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.357 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:165 Resp: 19715
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#

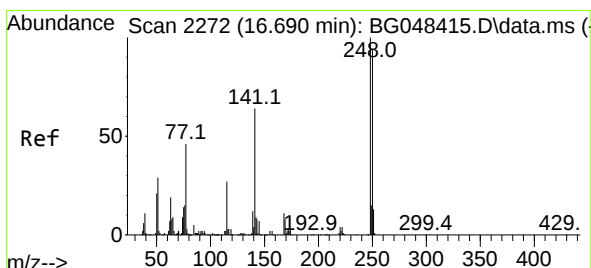
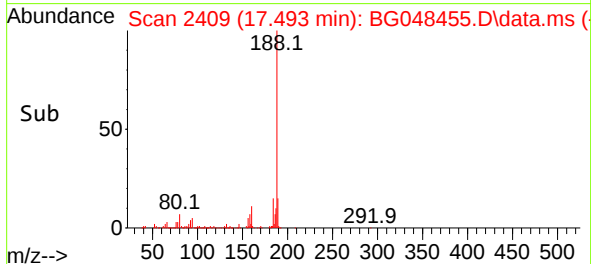
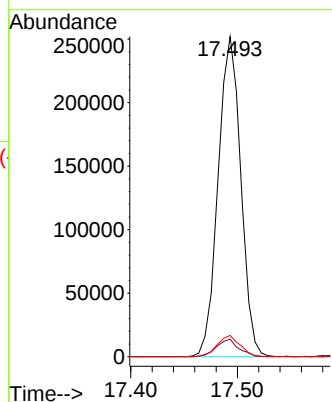
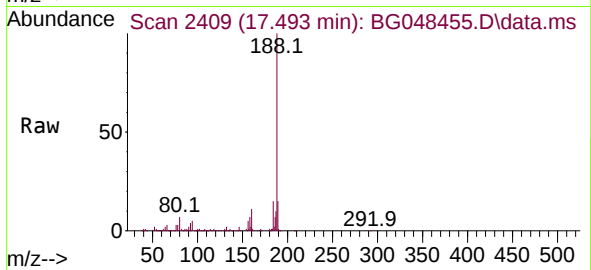




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

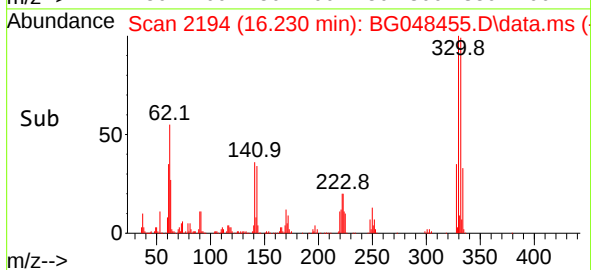
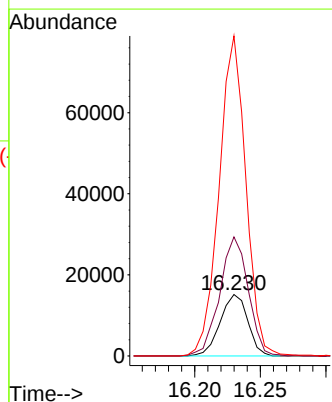
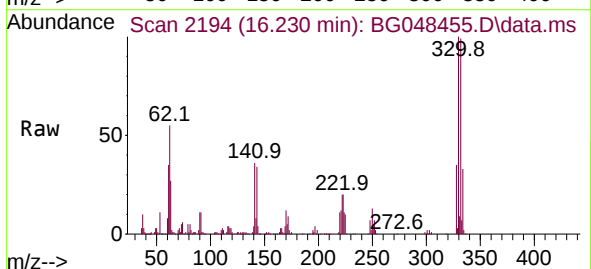
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

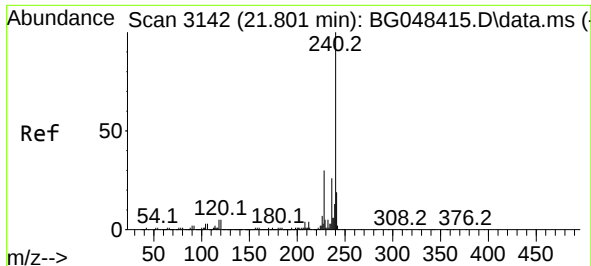
Tgt Ion:188 Resp: 371808
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 6.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.451 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:248 Resp: 22122
Ion Ratio Lower Upper
248 100
250 194.0 78.9 118.3#
141 521.2 46.2 69.4#

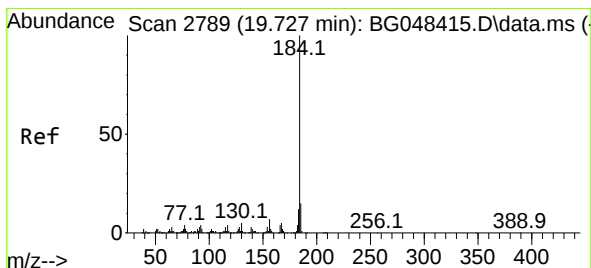
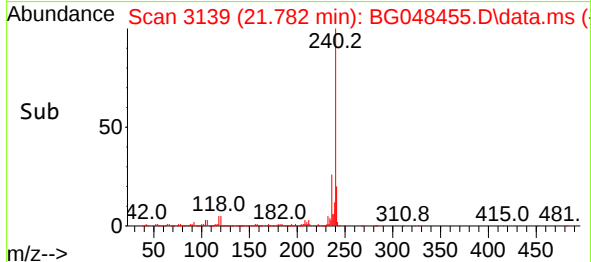
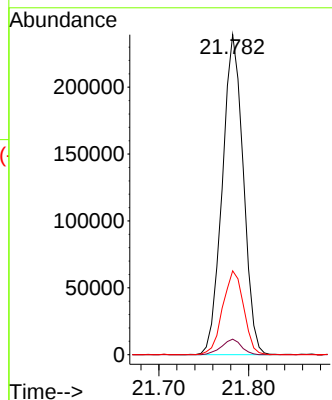
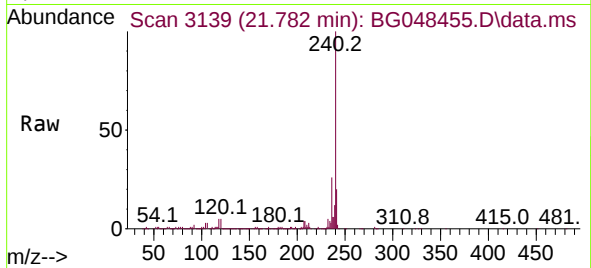




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

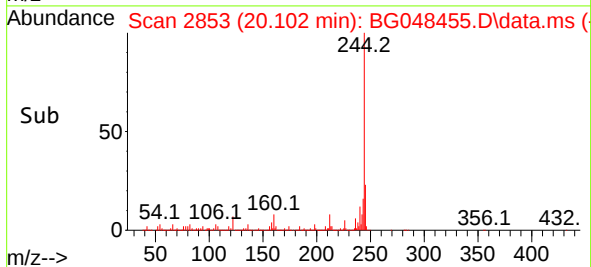
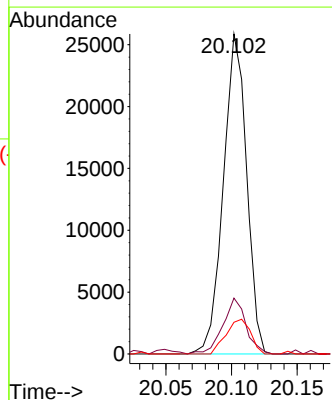
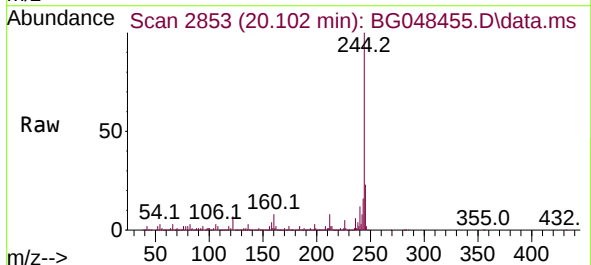
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

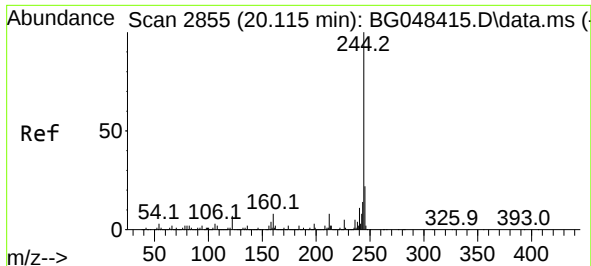
Tgt Ion:240 Resp: 387632
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.2 20.5 30.7



#77
Benzidine
Concen: 2.74 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.377 min
Lab File: BG048455.D
Acq: 22 Mar 2021 23:17

Tgt Ion:184 Resp: 31857
Ion Ratio Lower Upper
184 100
185 17.4 12.4 18.6
183 9.9 10.6 15.8#

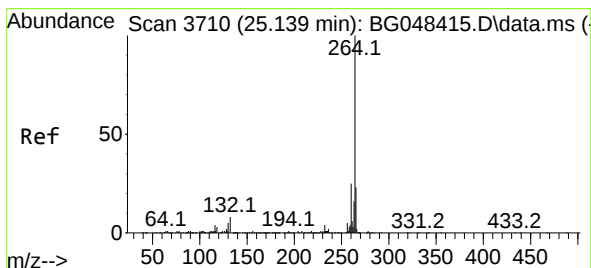
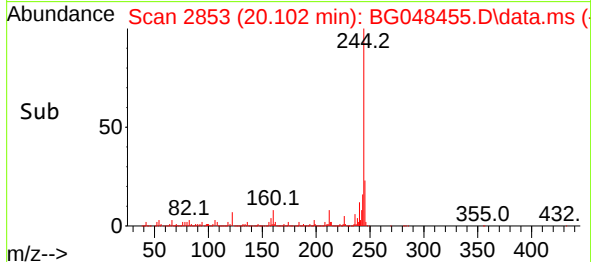
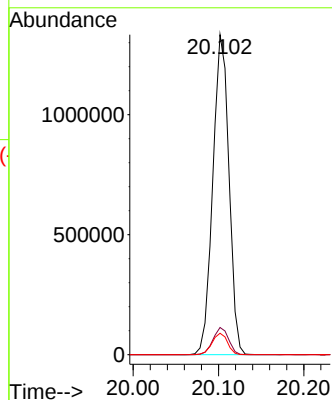
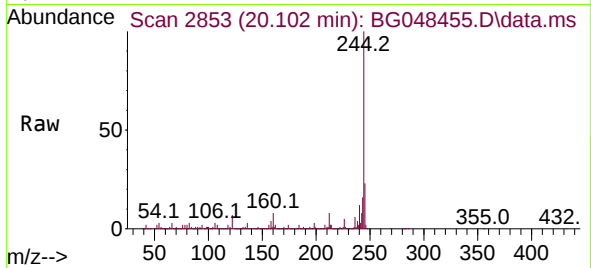




#79
 Terphenyl-d14
 Concen: 81.46 ng
 RT: 20.102 min Scan# 2853
 Delta R.T. -0.005 min
 Lab File: BG048455.D
 Acq: 22 Mar 2021 23:17

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-511-EL-162-157

Tgt Ion:244 Resp: 1751020
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.7 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.114 min Scan# 3706
 Delta R.T. -0.010 min
 Lab File: BG048455.D
 Acq: 22 Mar 2021 23:17

Tgt Ion:264 Resp: 387259
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.8 28.2
 265 21.8 17.8 26.8

