

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048456.D
 Acq On : 22 Mar 2021 23:57
 Operator : CG/JU
 Sample : M1707-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 23 01:08:05 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)

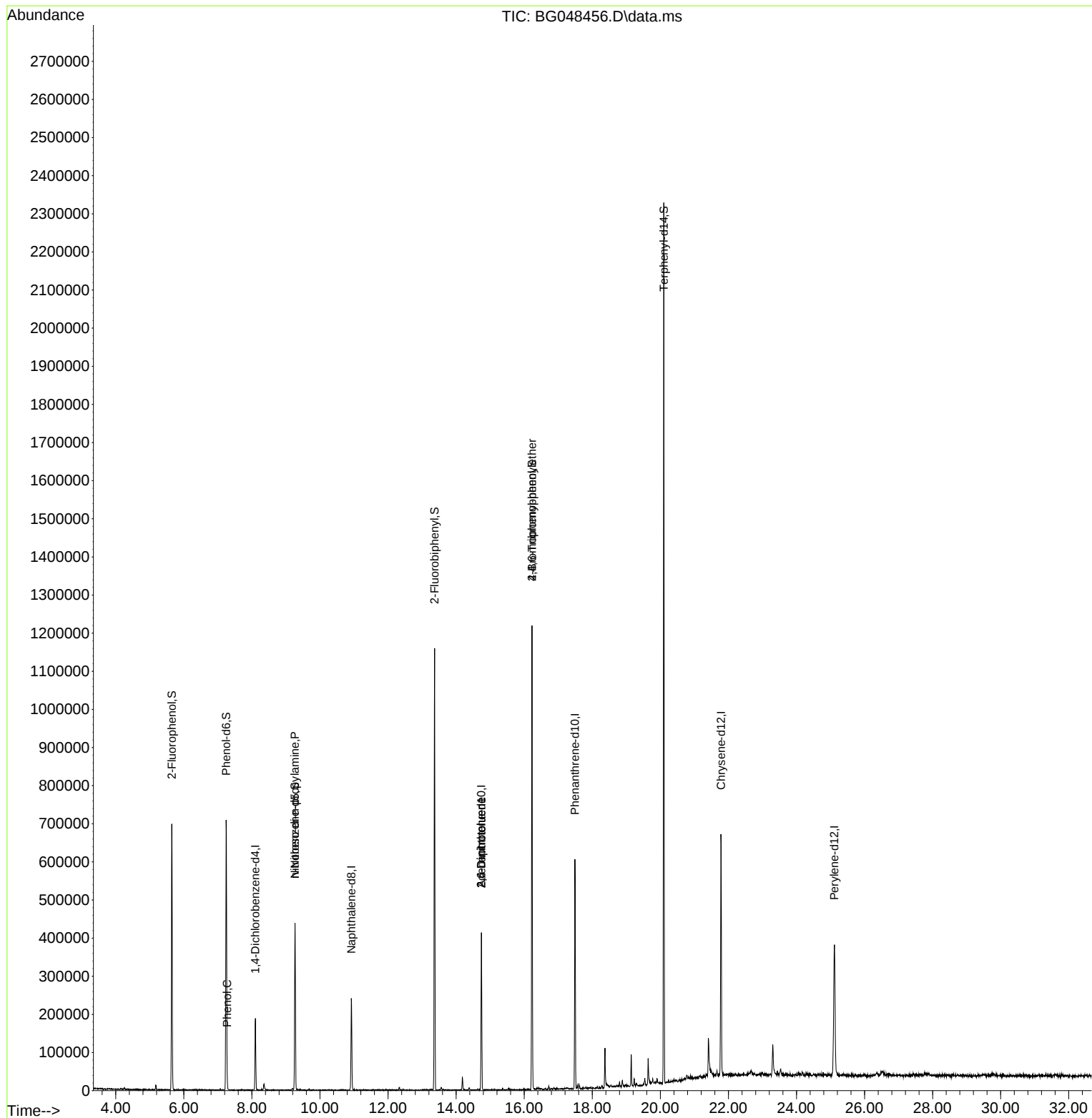
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	47913	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	184362	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	148052	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	372152	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	400778	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	395990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	258680	89.28	ng	0.00
7) Phenol-d6	7.245	99	357088	84.70	ng	0.00
23) Nitrobenzene-d5	9.266	82	264968	57.47	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	217324	90.26	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	565206	54.92	ng	0.00
79) Terphenyl-d14	20.100	244	1066501	47.99	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.245	77	1116	Below Cal	#	18
10) Phenol	7.274	94	9729	2.25	ng	# 61
19) n-Nitroso-di-n-propyla...	9.266	70	38932	12.44	ng	# 80
51) 2,6-Dinitrotoluene	14.742	165	19478	7.51	ng	# 36
57) 2,4-Dinitrotoluene	14.742	165	19478	5.29	ng	# 34
67) 4-Bromophenyl-phenylether	16.229	248	14073	3.00	ng	# 1

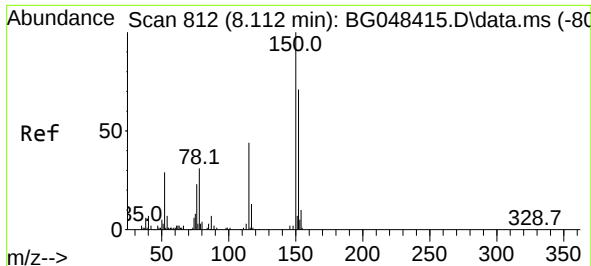
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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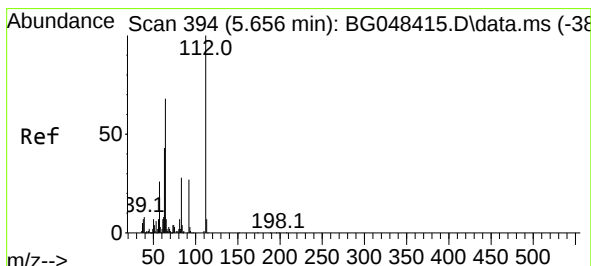
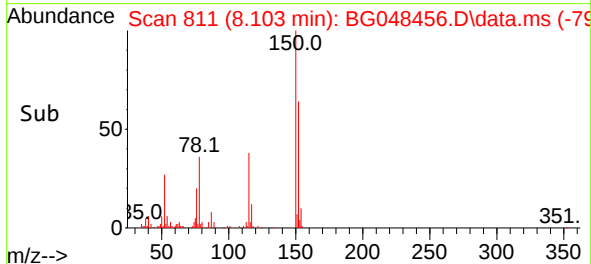
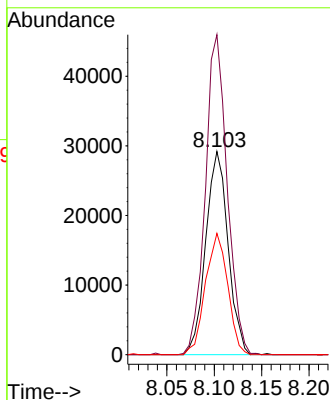
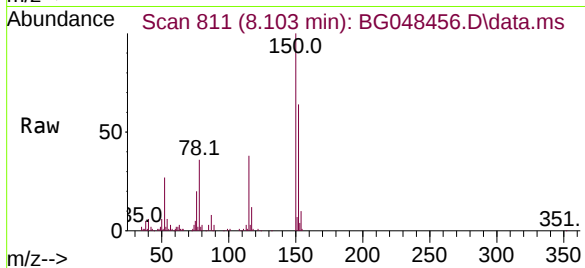




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

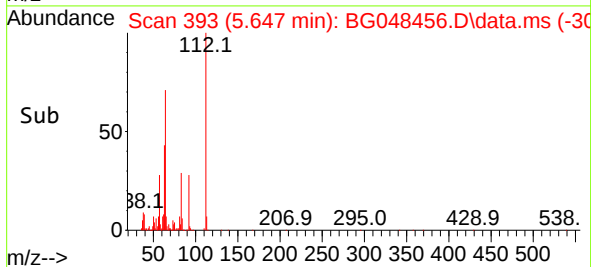
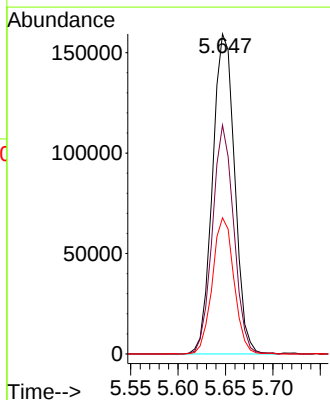
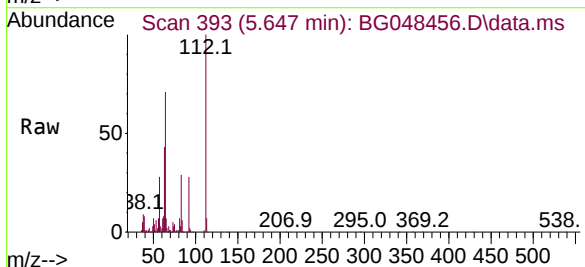
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

Tgt Ion:152 Resp: 47913
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.6
115 59.7 41.8 62.6



#5
2-Fluorophenol
Concen: 89.28 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion:112 Resp: 258680
Ion Ratio Lower Upper
112 100
64 71.5 46.7 70.1#
63 42.6 22.8 34.2#

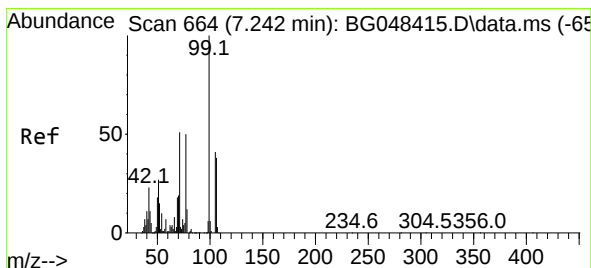
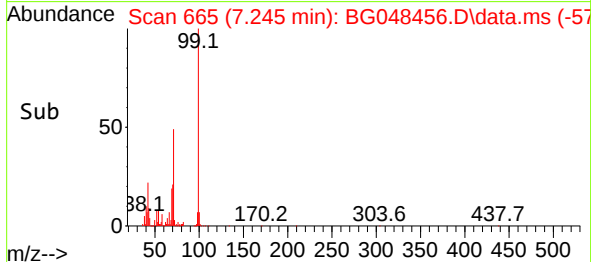
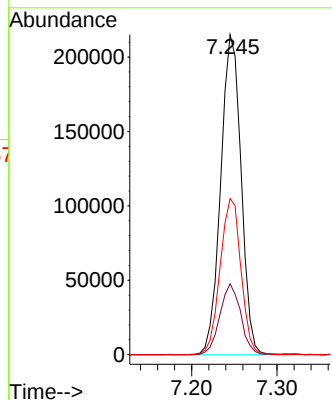
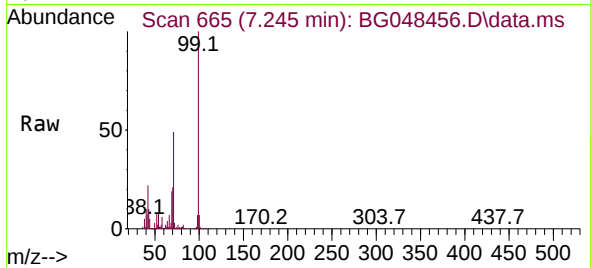




#7
Phenol-d6
Concen: 84.70 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

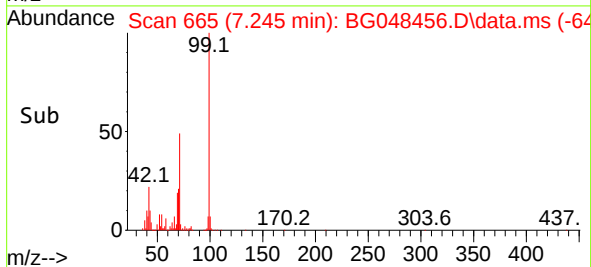
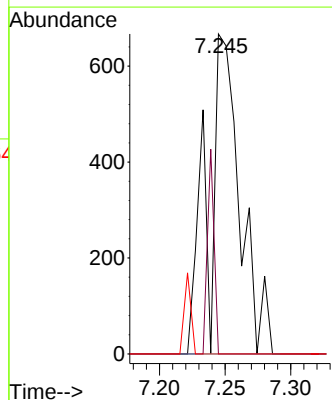
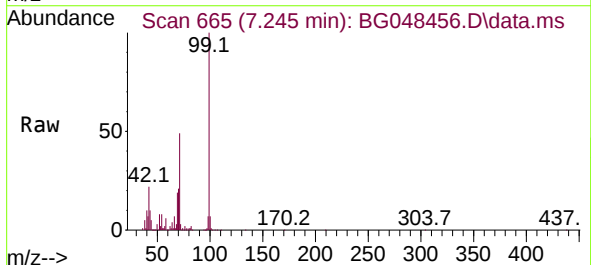
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

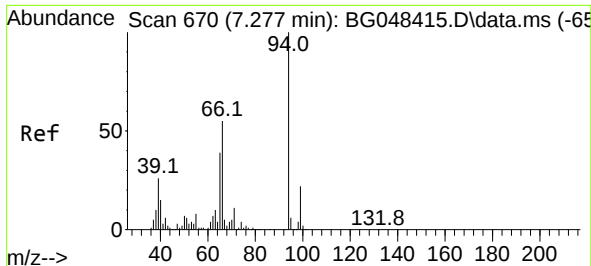
Tgt Ion: 99 Resp: 357088
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 48.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.245 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion: 77 Resp: 1116
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 40.5 80.9 120.9#

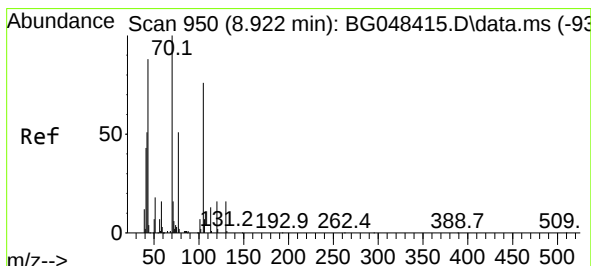
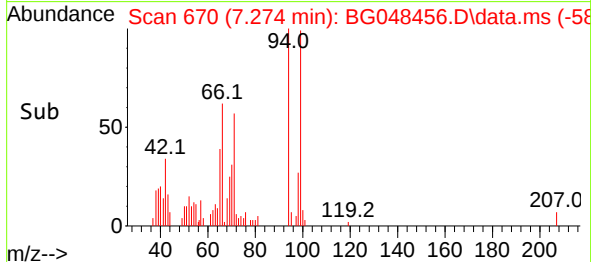
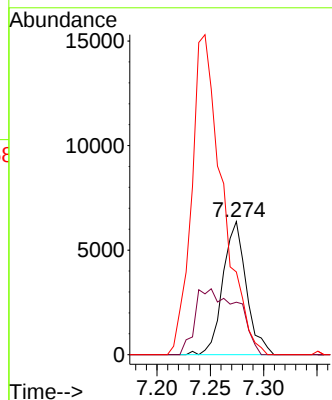
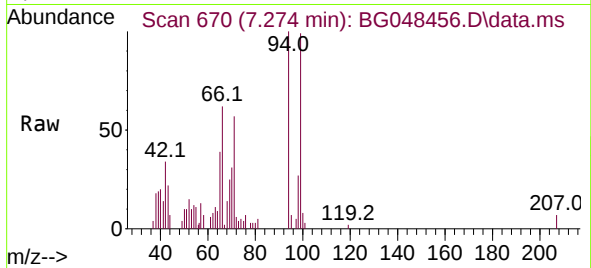




#10
Phenol
Concen: 2.25 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

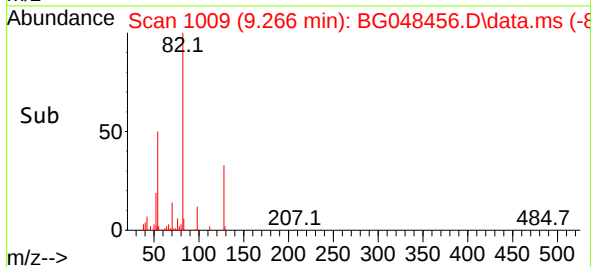
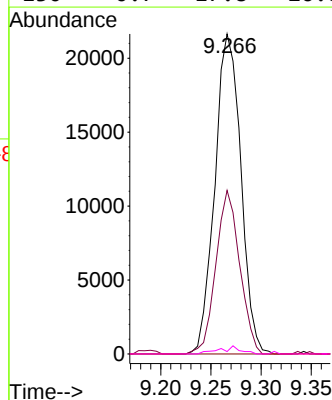
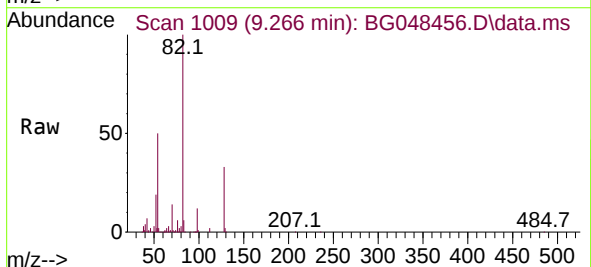
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

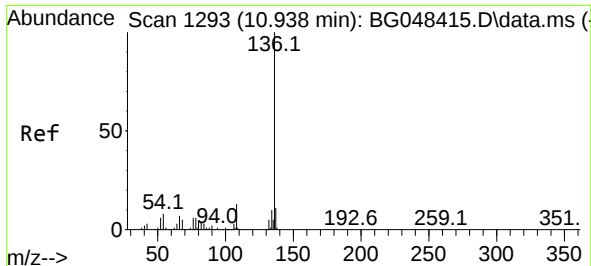
Tgt Ion: 94 Resp: 9729
Ion Ratio Lower Upper
94 100
65 39.4 6.6 46.6
66 62.2 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 12.44 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion: 70 Resp: 38932
Ion Ratio Lower Upper
70 100
42 51.1 45.6 68.4
101 0.0 8.4 12.6#
130 0.7 17.8 26.8#

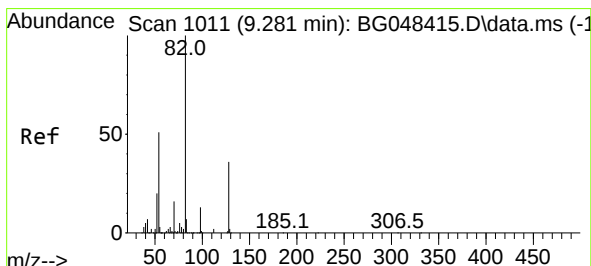
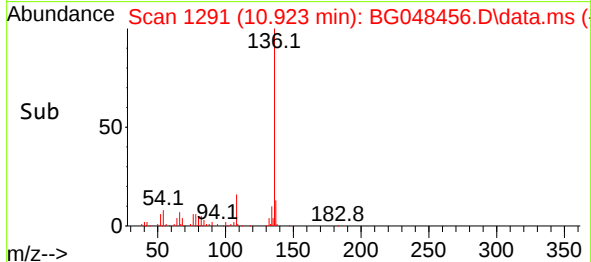
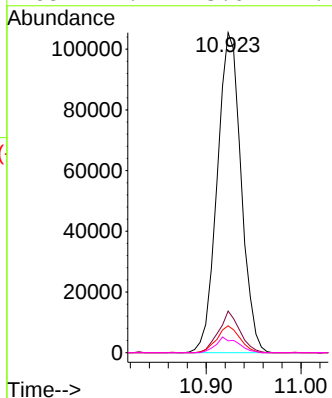
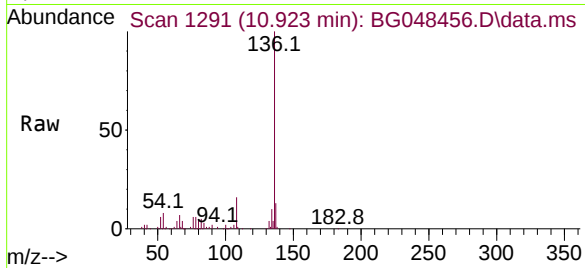




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

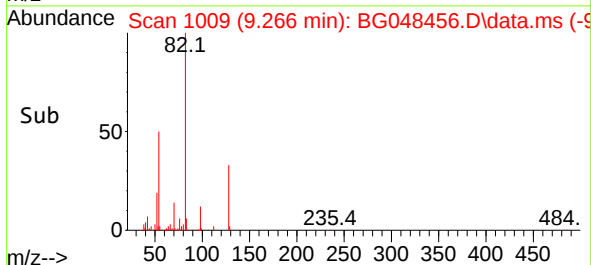
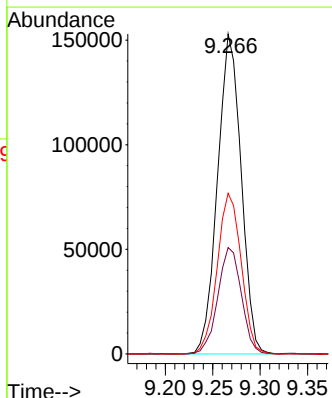
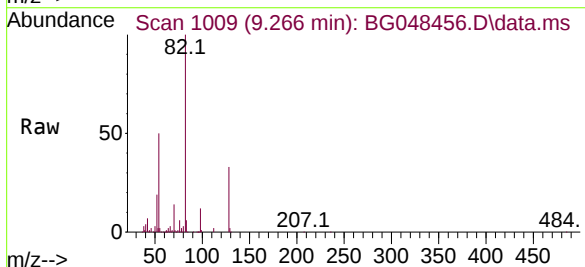
Instrument :
BNA_G
ClientSampleId :
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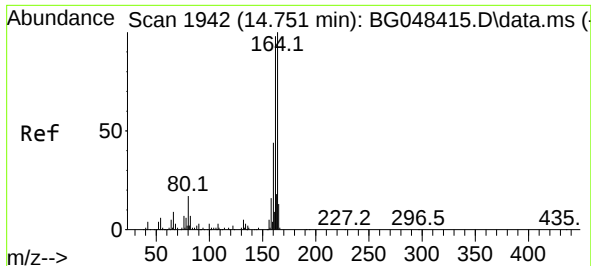
Tgt Ion:	136	Resp:	184362
Ion Ratio	Lower	Upper	
136	100		
137	13.0	9.1	13.7
54	8.4	6.2	9.4
68	4.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.47 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion:	82	Resp:	264968
Ion Ratio	Lower	Upper	
82	100		
128	33.2	37.0	55.6
54	50.2	39.0	58.4

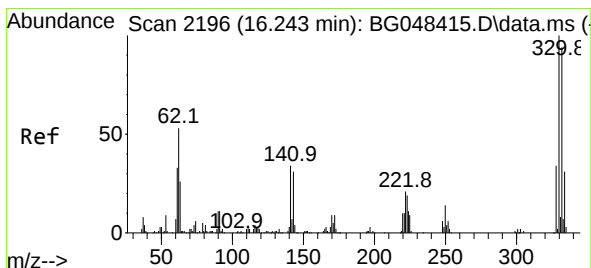
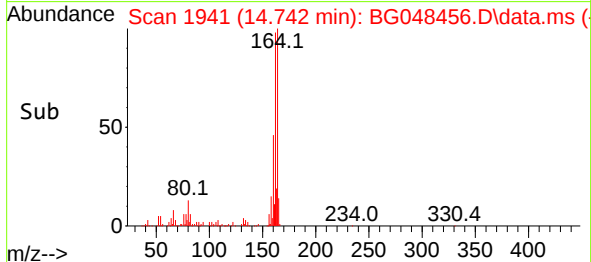
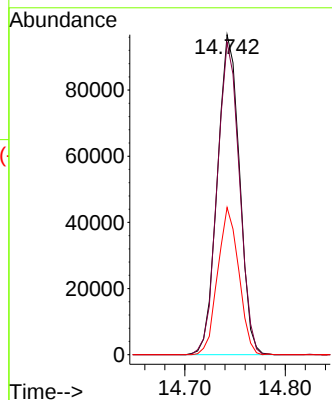
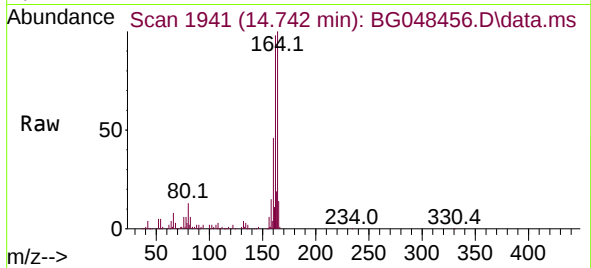




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

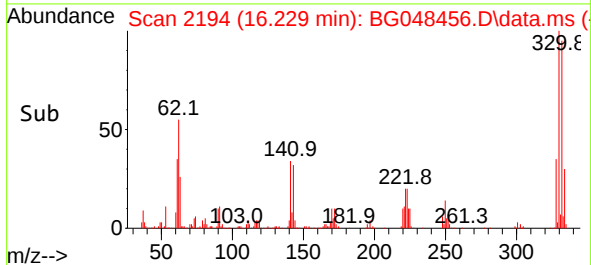
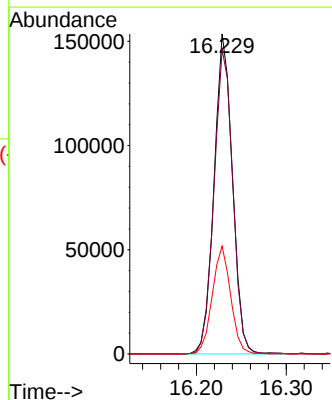
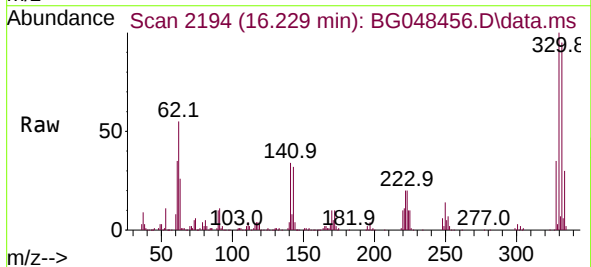
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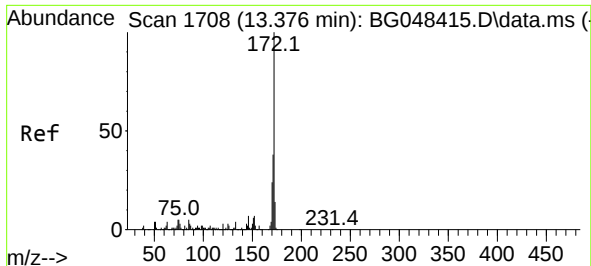
Tgt Ion:164 Resp: 148052
Ion Ratio Lower Upper
164 100
162 97.6 82.3 123.5
160 46.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 90.26 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion:330 Resp: 217324
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 33.8 26.0 39.0

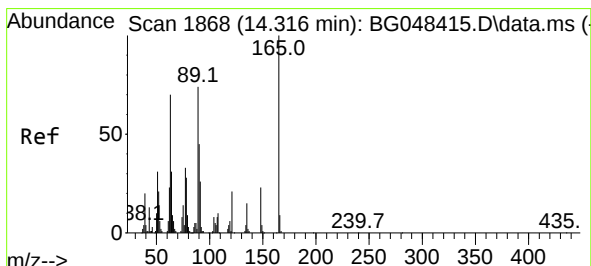
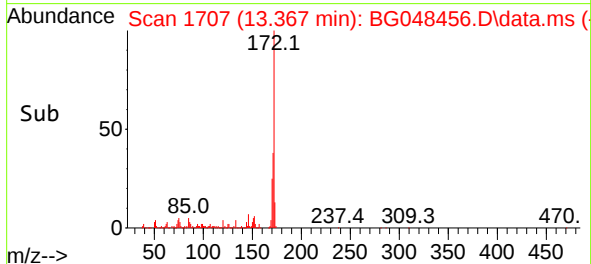
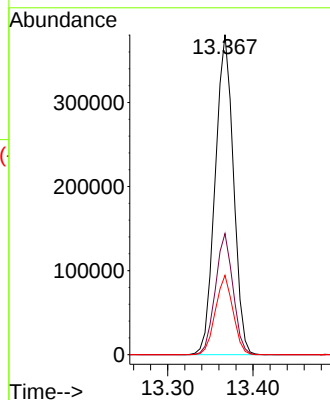
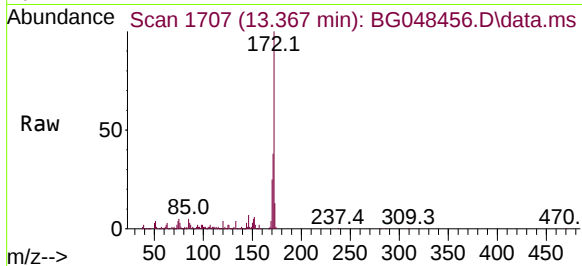




#45
2-Fluorobiphenyl
Concen: 54.92 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

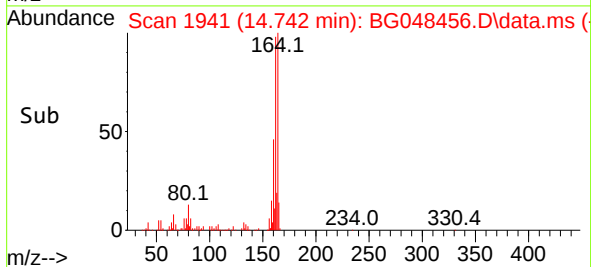
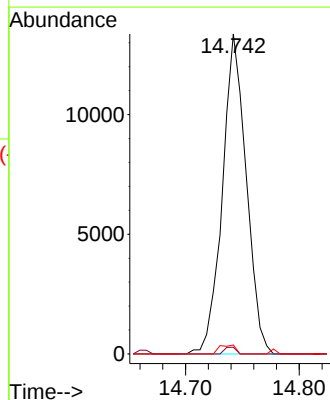
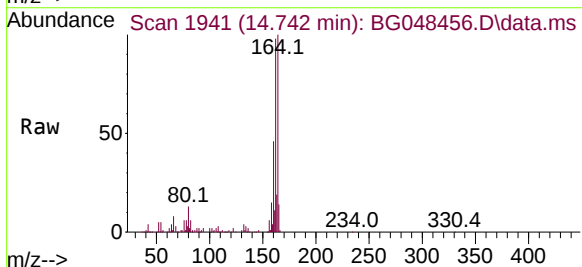
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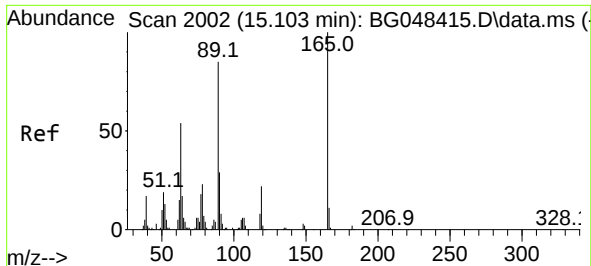
Tgt Ion:	172	Resp:	565206
Ion Ratio	Lower	Upper	
172	100		
171	37.9	31.3	46.9
170	24.8	20.8	31.2



#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.429 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion:	165	Resp:	19478
Ion Ratio	Lower	Upper	
165	100		
63	2.1	33.7	50.5#
89	2.8	36.6	54.8#

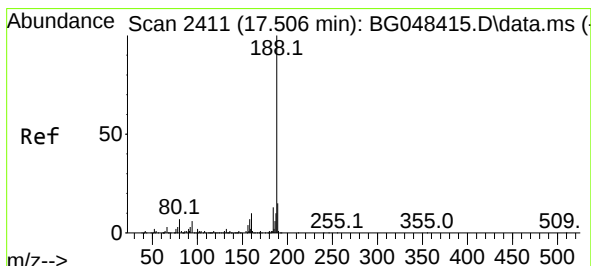
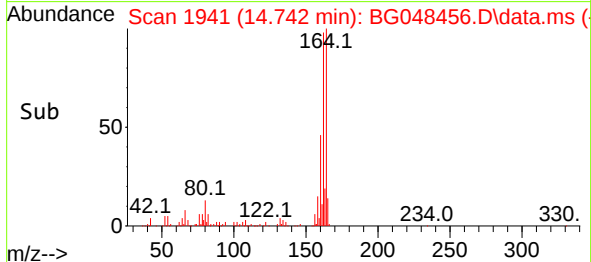
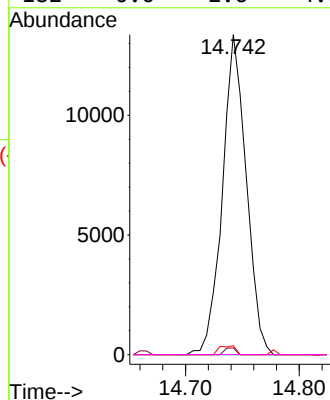
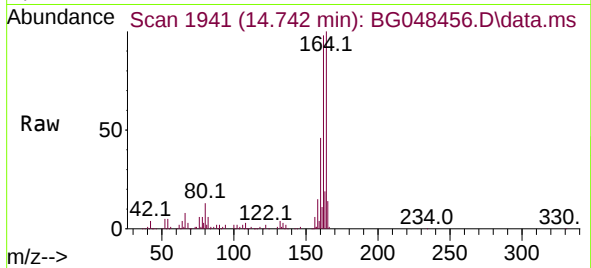




#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

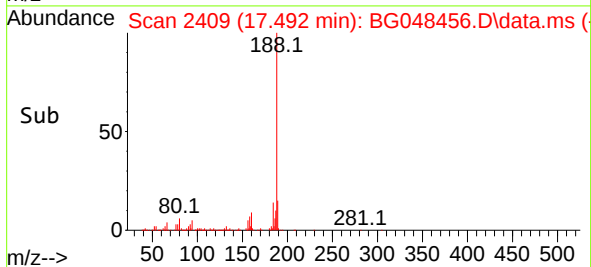
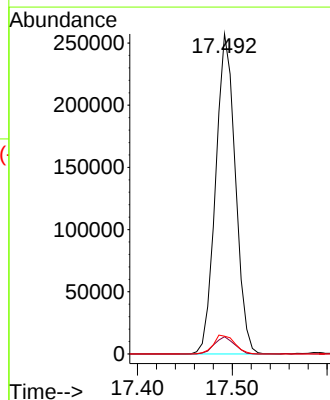
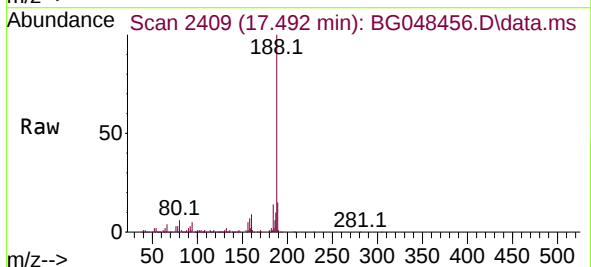
Instrument :
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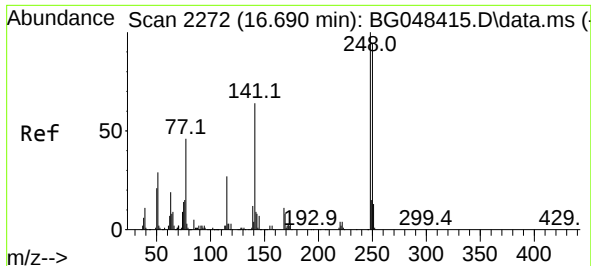
Tgt Ion:165 Resp: 19478
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 2.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion:188 Resp: 372152
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 5.6 7.0 10.6#

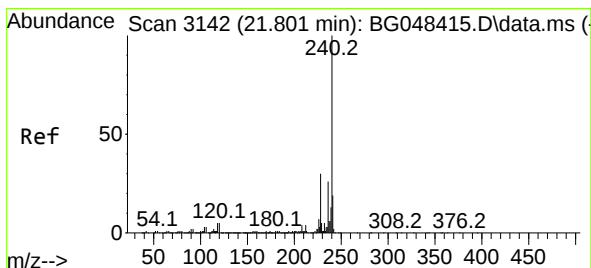
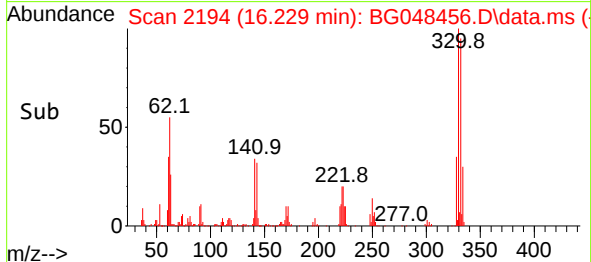
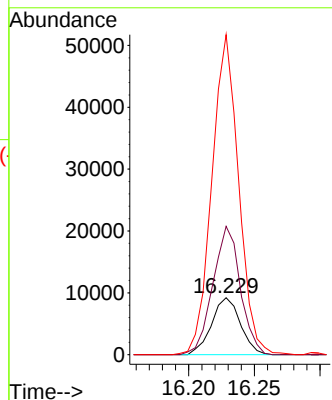
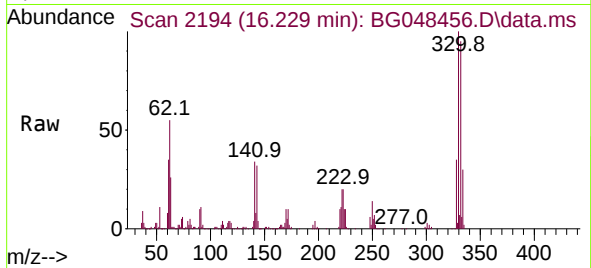




#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.452 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

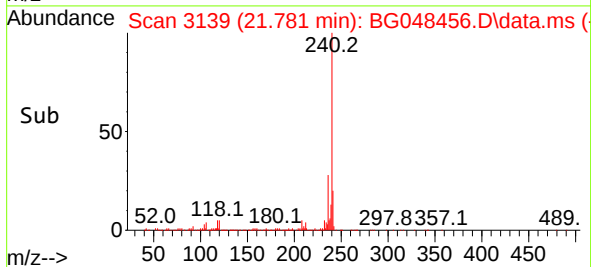
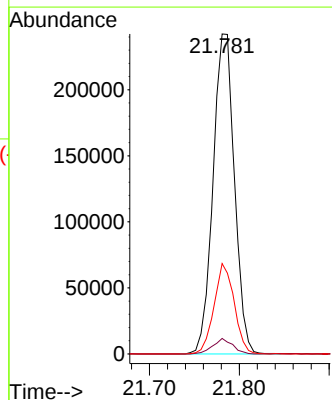
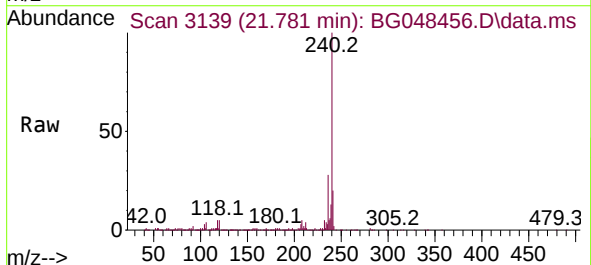
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-162-157

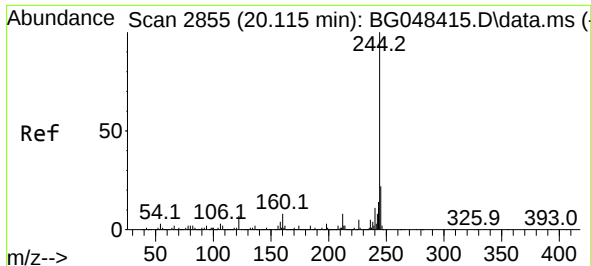
Tgt Ion:248 Resp: 14073
Ion Ratio Lower Upper
248 100
250 225.1 78.9 118.3#
141 561.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048456.D
Acq: 22 Mar 2021 23:57

Tgt Ion:240 Resp: 400778
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 28.2 20.5 30.7

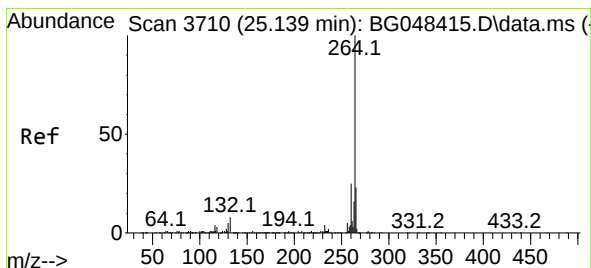
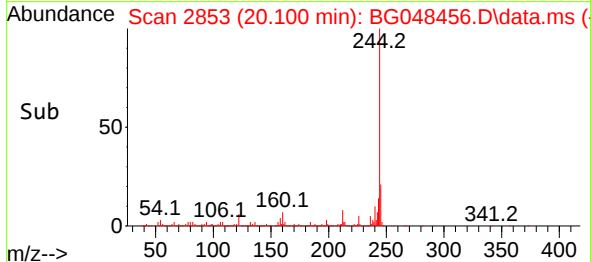
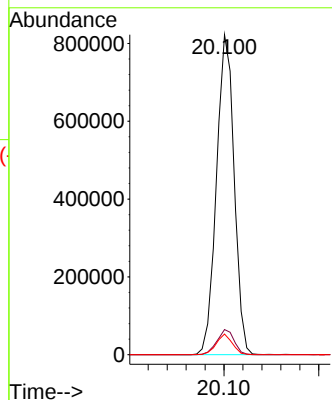
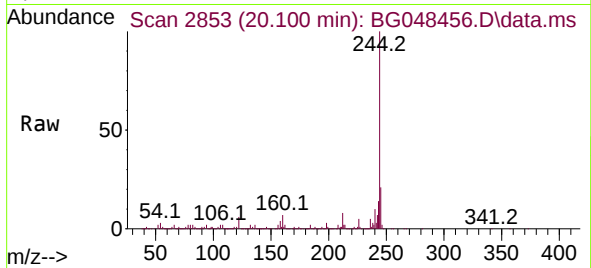




#79
 Terphenyl-d14
 Concen: 47.99 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048456.D
 Acq: 22 Mar 2021 23:57

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

Tgt Ion:244 Resp: 1066501
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.7 10.1
 122 6.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. -0.012 min
 Lab File: BG048456.D
 Acq: 22 Mar 2021 23:57

Tgt Ion:264 Resp: 395990
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.8 17.8 26.8

