

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048463.D
 Acq On : 23 Mar 2021 4:41
 Operator : CG/JU
 Sample : M1707-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 23 05:36:00 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)

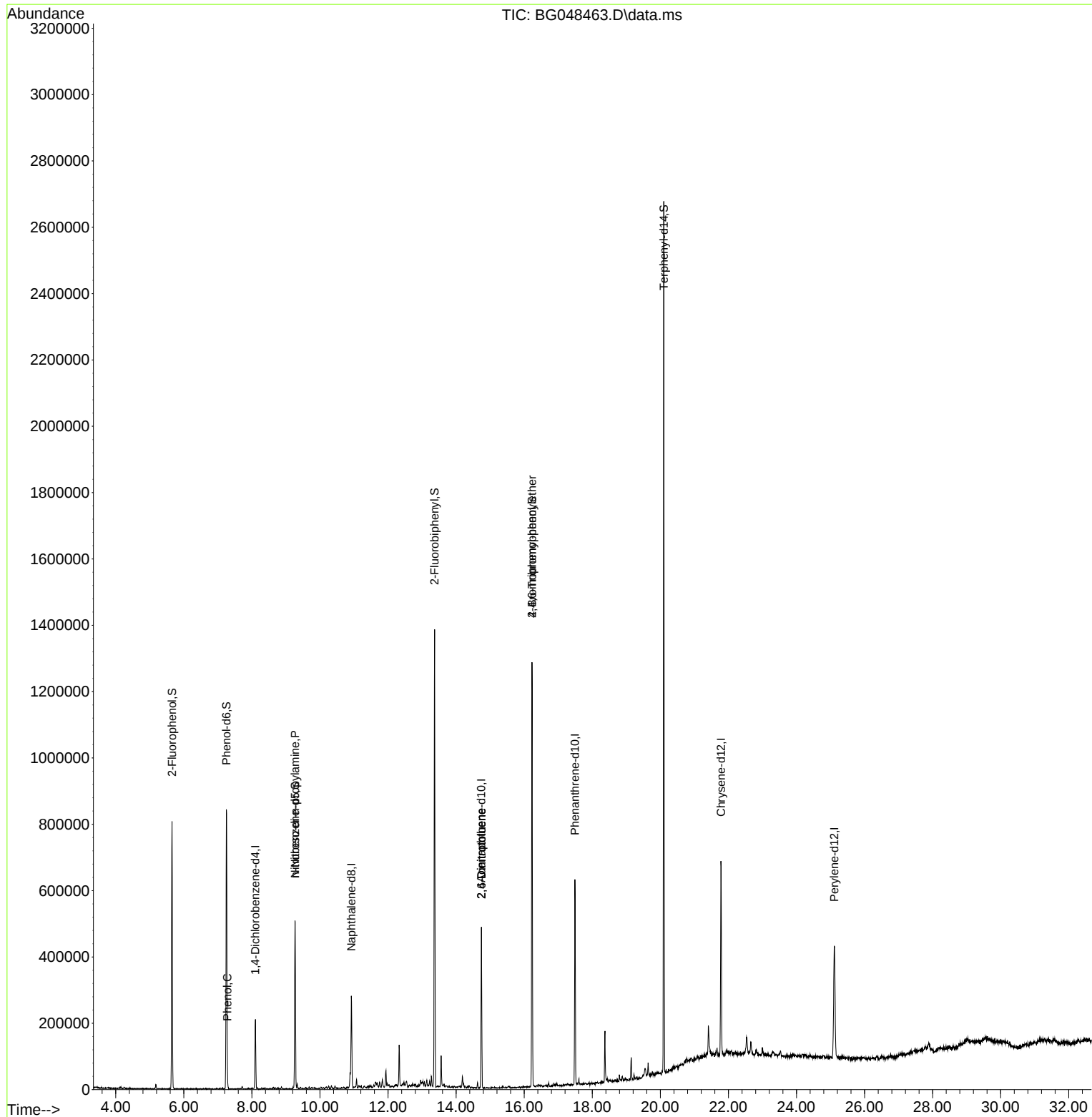
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	52051	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	214394	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	167890	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	391106	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	381410	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	394372	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	300653	95.52	ng	0.00
7) Phenol-d6	7.251	99	432618	94.46	ng	0.00
23) Nitrobenzene-d5	9.272	82	316008	58.93	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	243614	89.22	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	686505	58.82	ng	0.00
79) Terphenyl-d14	20.101	244	1166312	55.15	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.274	77	1375	Below Cal	#	1
10) Phenol	7.280	94	13833	2.95 ng	#	71
19) n-Nitroso-di-n-propyla...	9.272	70	47793	14.06 ng	#	81
51) 2,6-Dinitrotoluene	14.748	165	22732	7.73 ng	#	34
57) 2,4-Dinitrotoluene	14.748	165	22732	5.44 ng	#	32
67) 4-Bromophenyl-phenylether	16.229	248	18018	3.66 ng	#	1

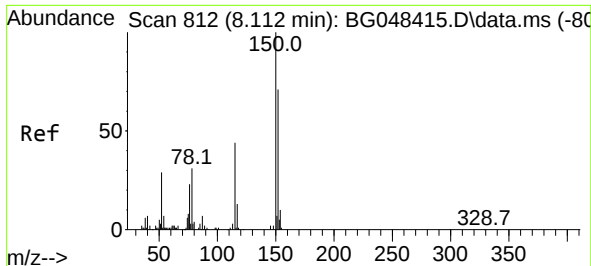
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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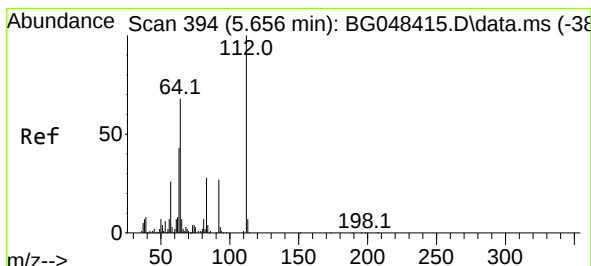
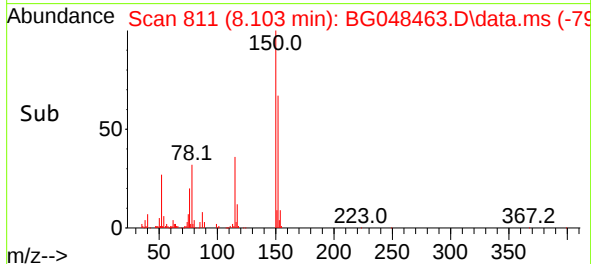
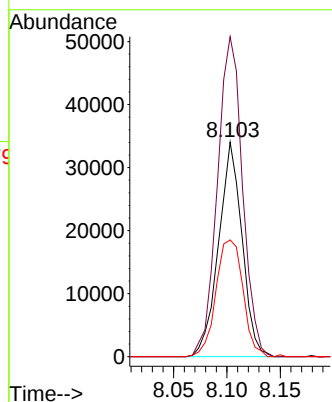
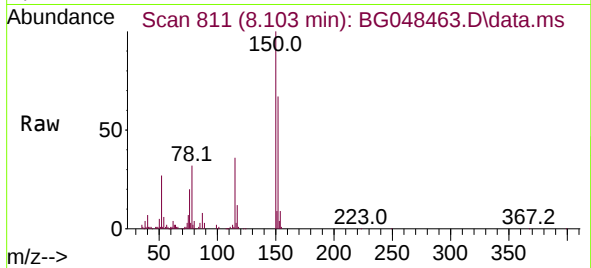




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

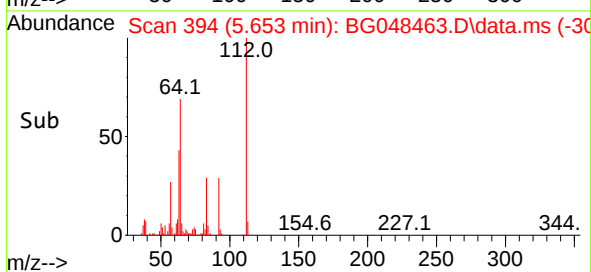
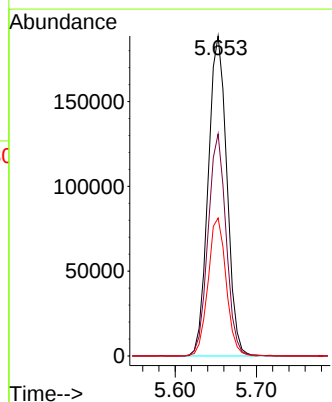
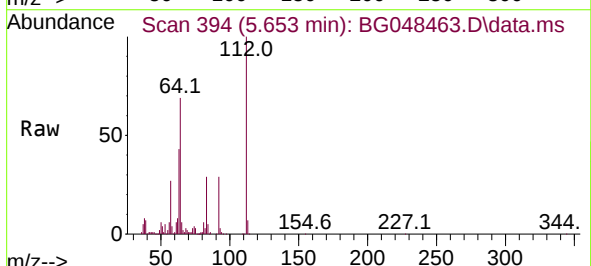
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

Tgt Ion:152 Resp: 52051
Ion Ratio Lower Upper
152 100
150 149.2 125.0 187.6
115 54.4 41.8 62.6



#5
2-Fluorophenol
Concen: 95.52 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion:112 Resp: 300653
Ion Ratio Lower Upper
112 100
64 69.4 46.7 70.1
63 43.1 22.8 34.2#

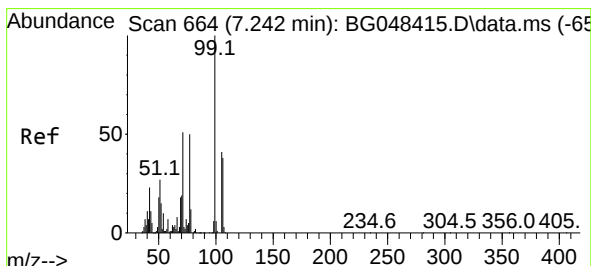
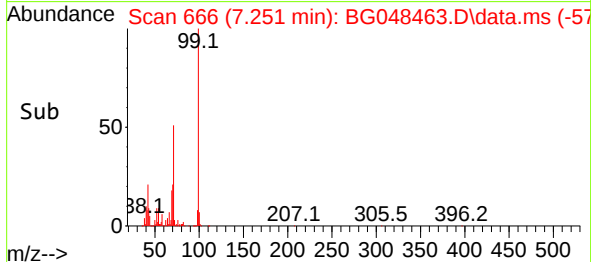
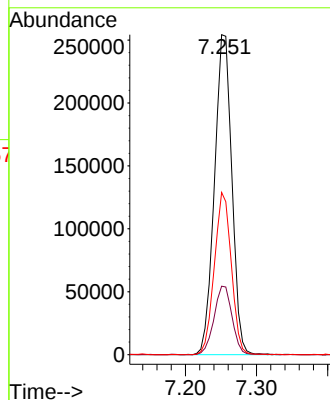
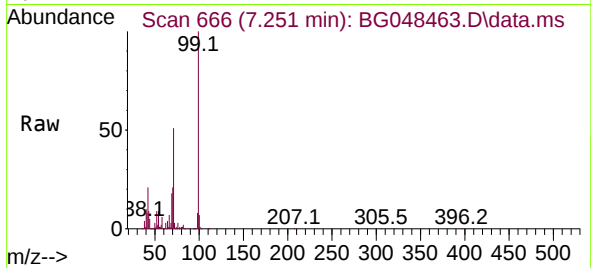




#7
Phenol-d6
Concen: 94.46 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

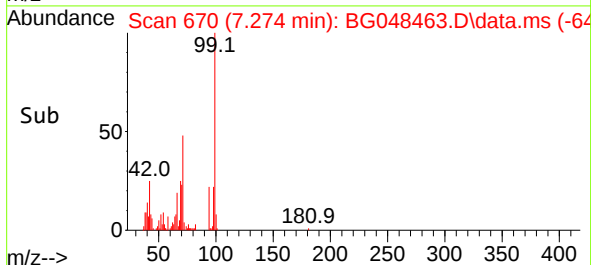
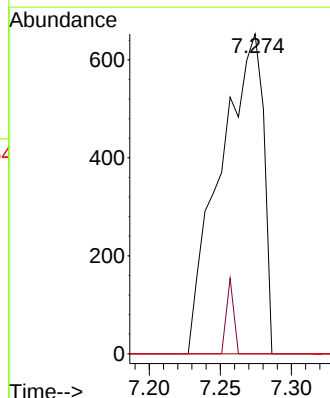
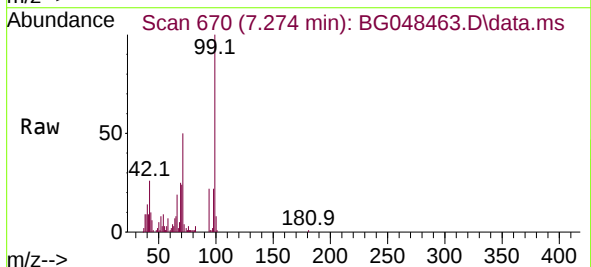
Instrument :
BNA_G
ClientSampleId :
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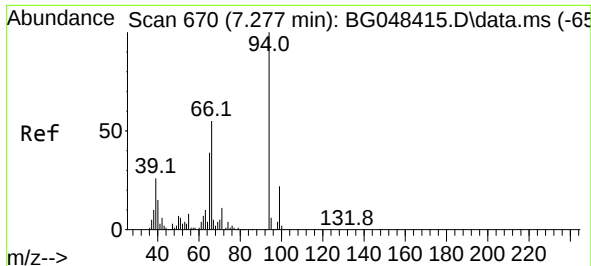
Tgt Ion: 99 Resp: 432618
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 50.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.274 min Scan# 670
Delta R.T. 0.035 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion: 77 Resp: 1375
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

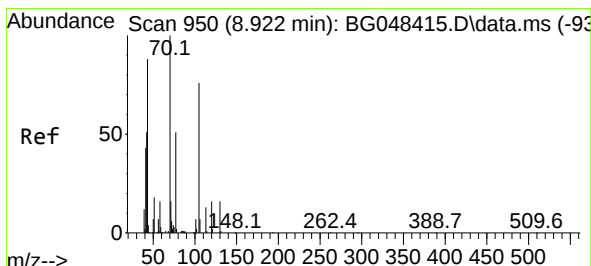
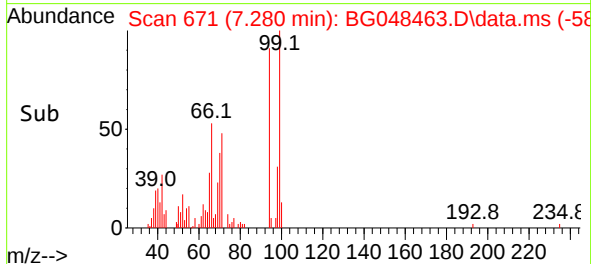
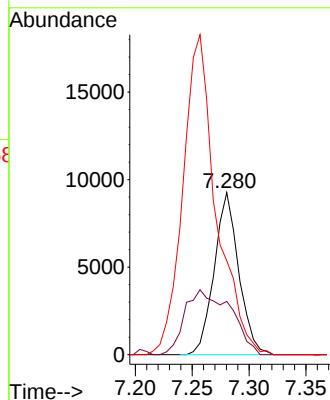
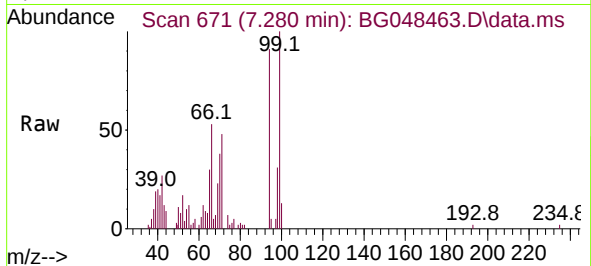




#10
Phenol
Concen: 2.95 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

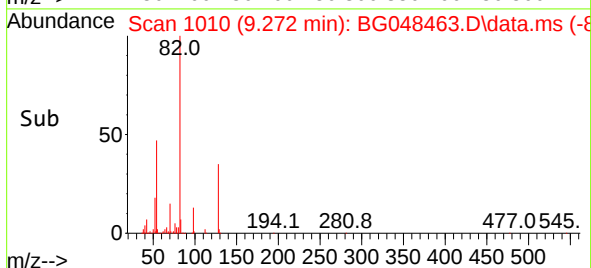
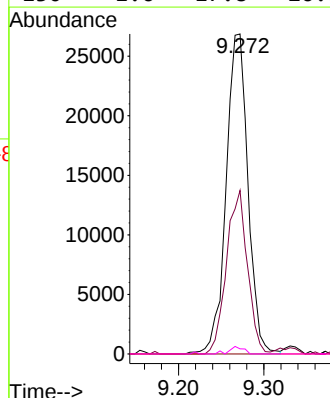
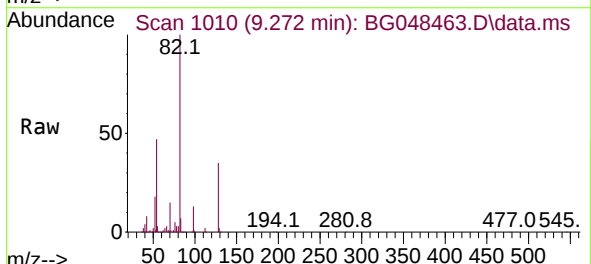
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

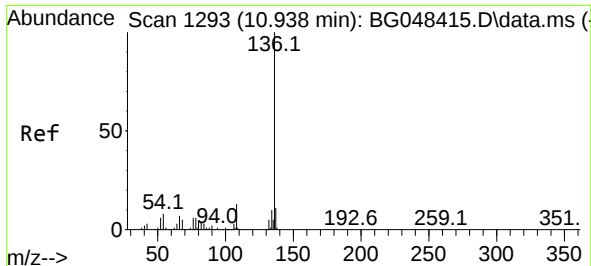
Tgt Ion: 94 Resp: 13833
Ion Ratio Lower Upper
94 100
65 32.9 6.6 46.6
66 57.9 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion: 70 Resp: 47793
Ion Ratio Lower Upper
70 100
42 51.1 45.6 68.4
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#

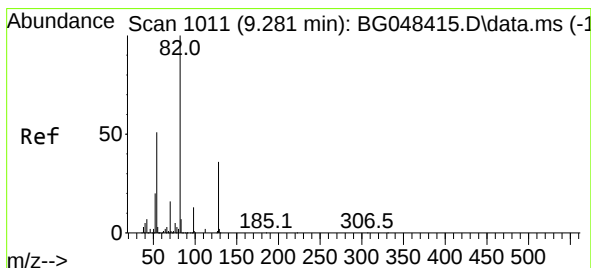
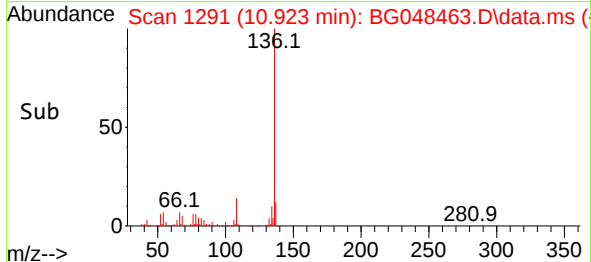
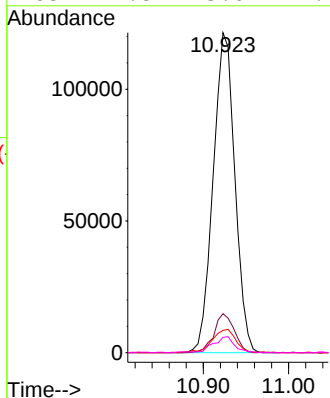
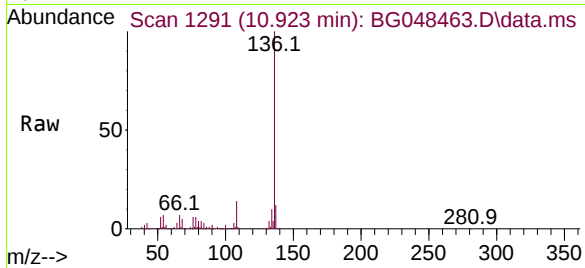




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

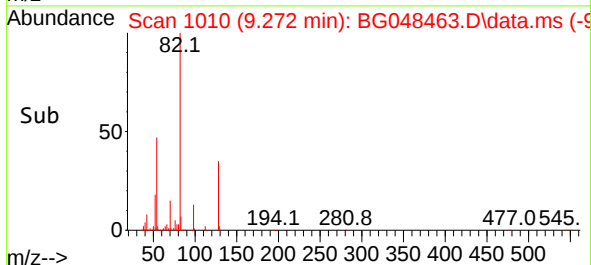
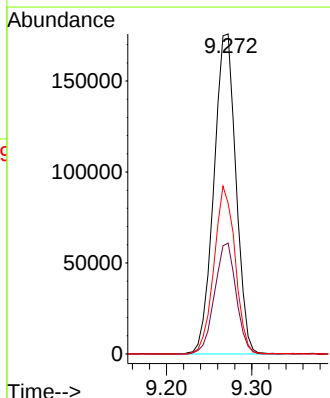
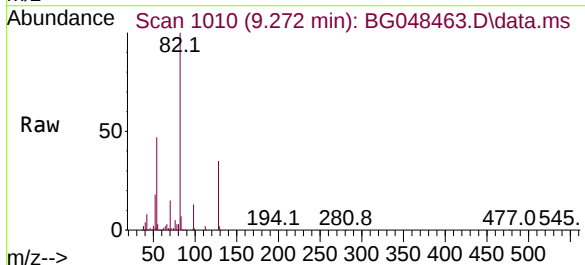
Instrument :
BNA_G
ClientSampleId :
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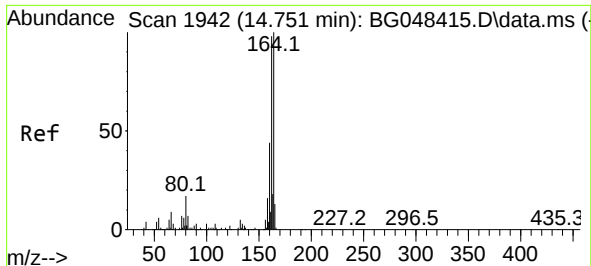
Tgt Ion:136	Resp:	214394
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.1 13.7
54	7.0	6.2 9.4
68	4.8	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 58.93 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion: 82	Resp:	316008
Ion Ratio	Lower	Upper
82	100	
128	34.7	37.0 55.6#
54	47.1	39.0 58.4

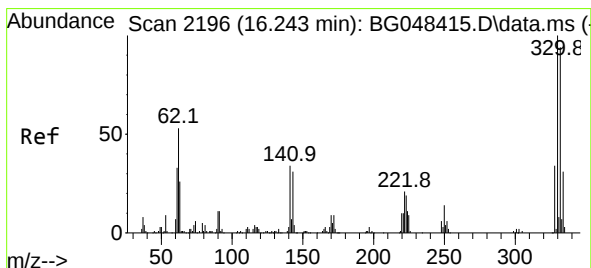
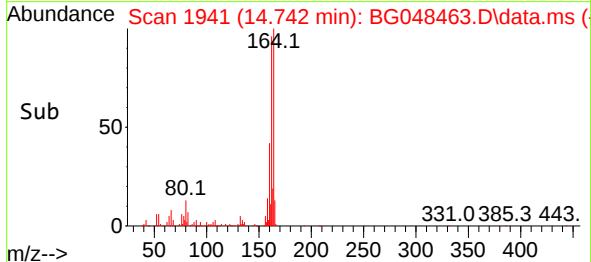
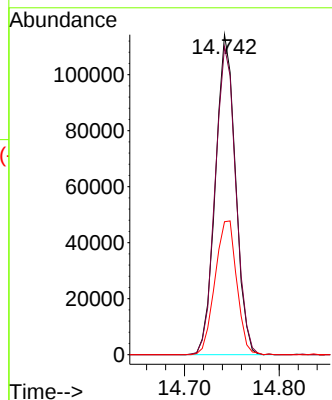
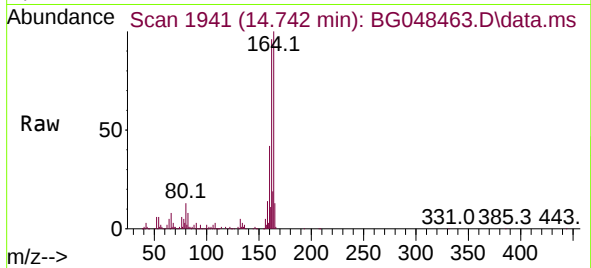




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

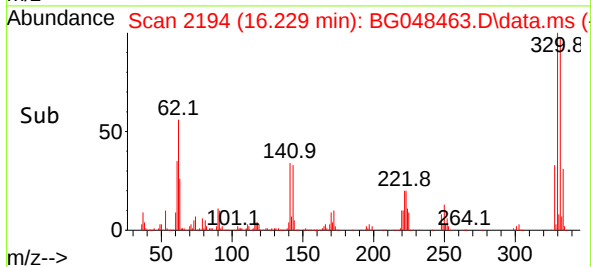
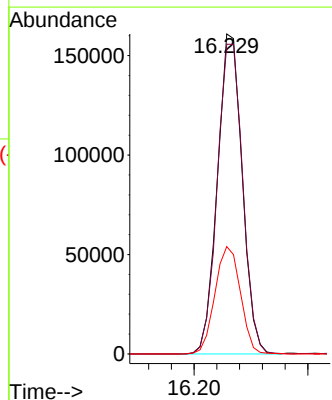
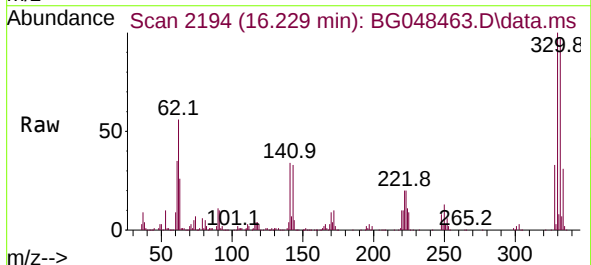
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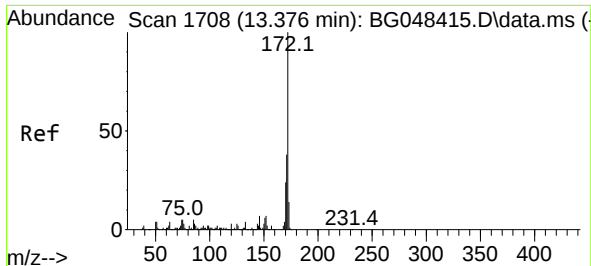
Tgt Ion:164 Resp: 167890
Ion Ratio Lower Upper
164 100
162 96.3 82.3 123.5
160 41.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 89.22 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion:330 Resp: 243614
Ion Ratio Lower Upper
330 100
332 99.3 76.5 114.7
141 34.4 26.0 39.0

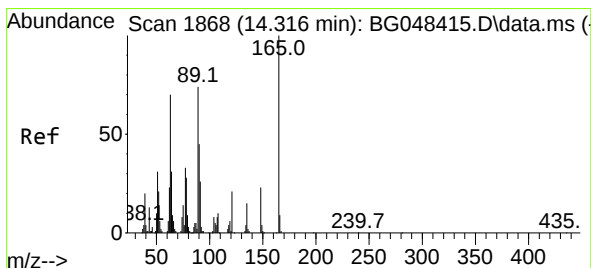
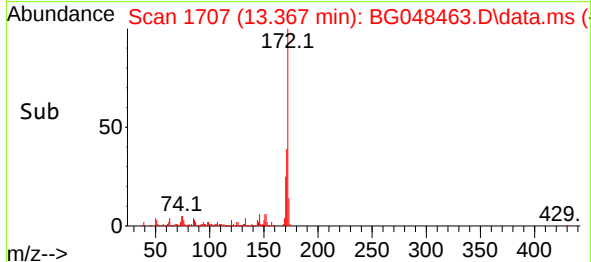
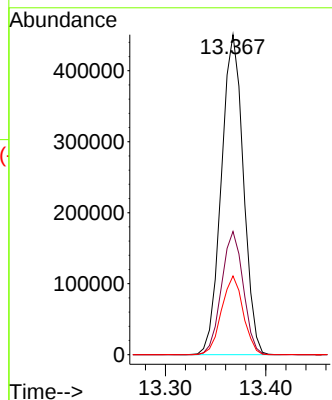
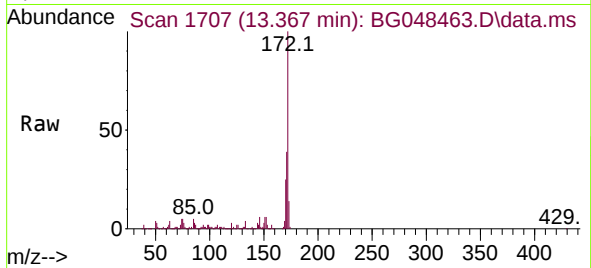




#45
2-Fluorobiphenyl
Concen: 58.82 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

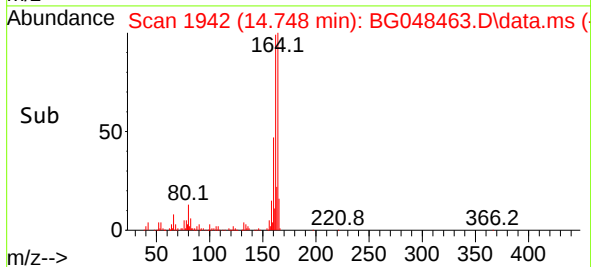
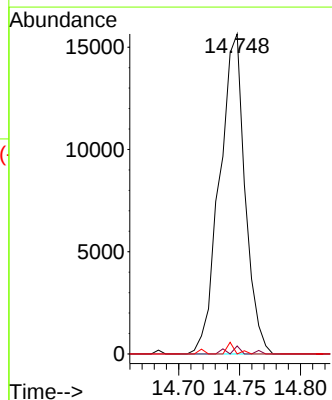
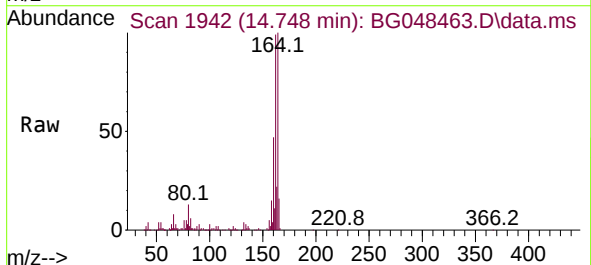
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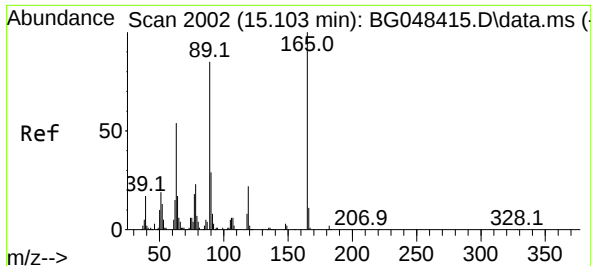
Tgt Ion:	172	Resp:	686505
Ion Ratio	Lower	Upper	
172	100		
171	38.5	31.3	46.9
170	24.6	20.8	31.2



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.435 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

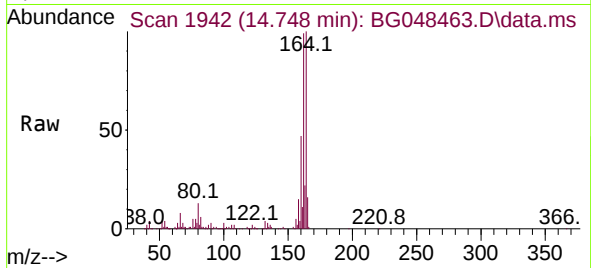
Tgt Ion:	165	Resp:	22732
Ion Ratio	Lower	Upper	
165	100		
63	2.5	33.7	50.5#
89	0.0	36.6	54.8#



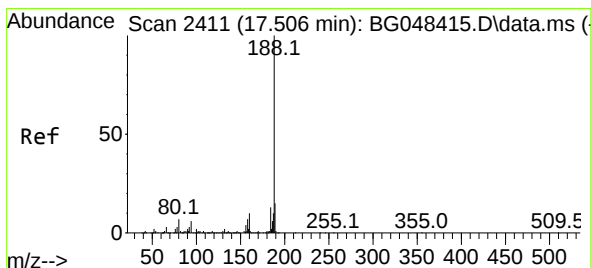
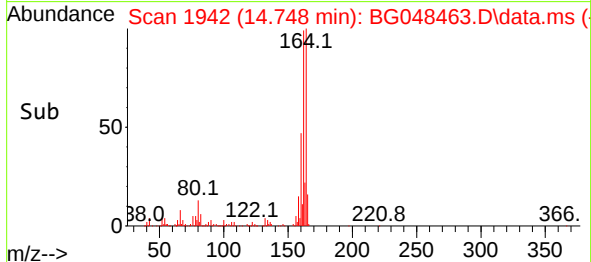
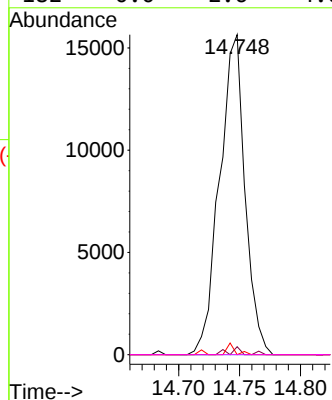


#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.352 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

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

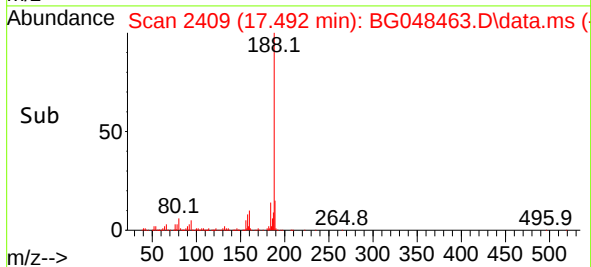
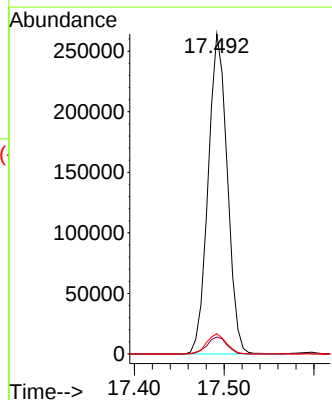
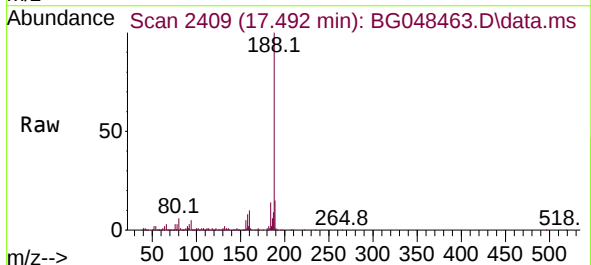


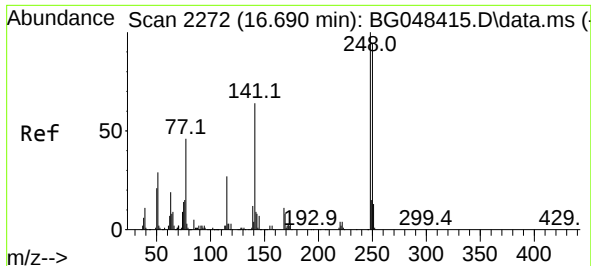
Tgt Ion:165 Resp: 22732
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion:188 Resp: 391106
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.4 7.0 10.6#

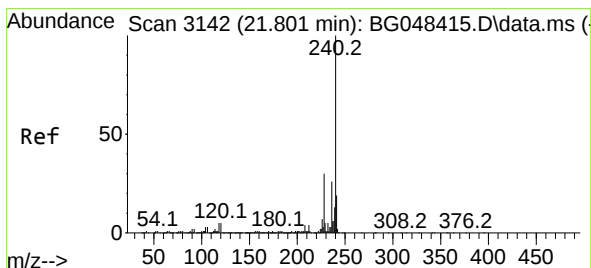
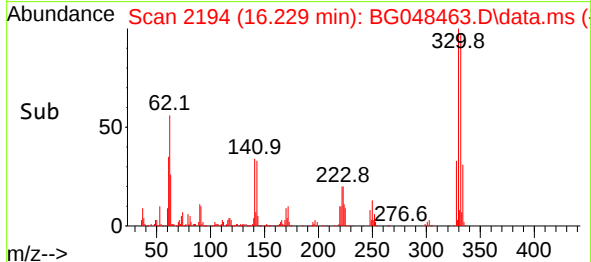
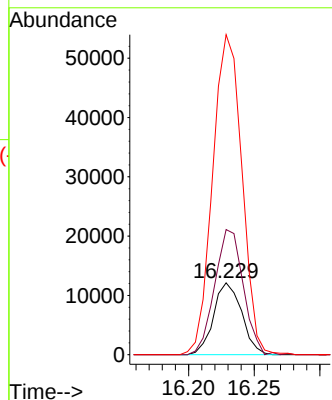
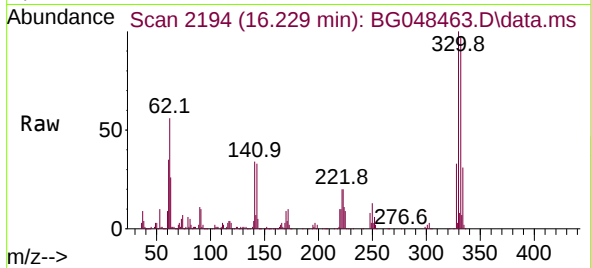




#67
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.452 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

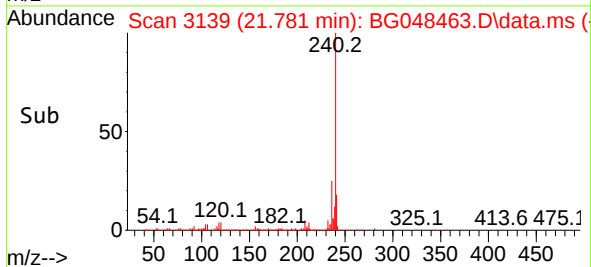
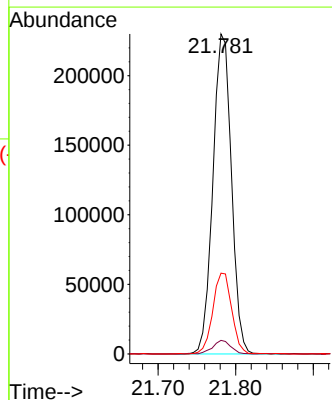
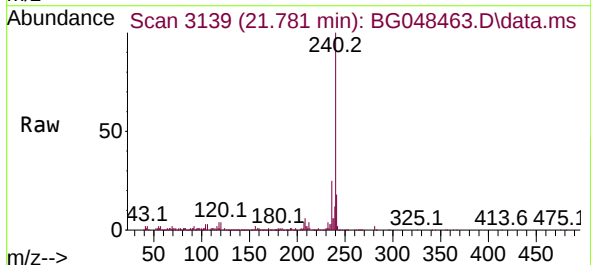
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-510-EL-167-157

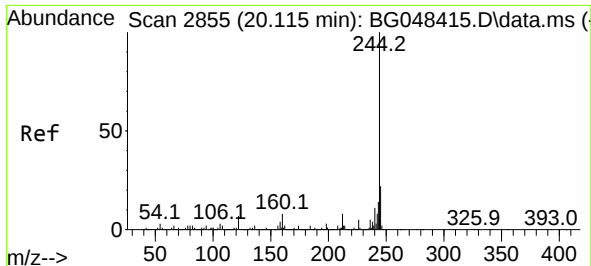
Tgt Ion:248 Resp: 18018
Ion Ratio Lower Upper
248 100
250 174.3 78.9 118.3#
141 445.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion:240 Resp: 381410
Ion Ratio Lower Upper
240 100
120 4.2 6.2 9.4#
236 25.3 20.5 30.7

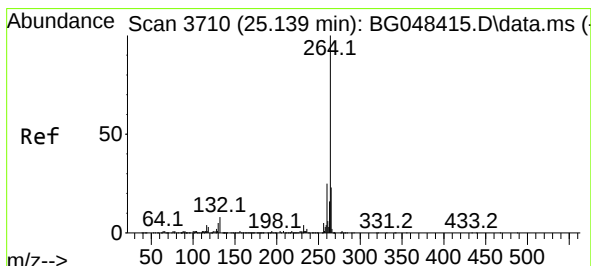
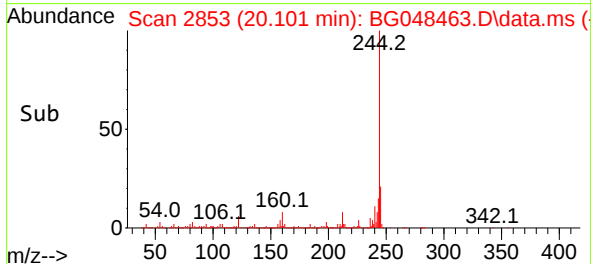
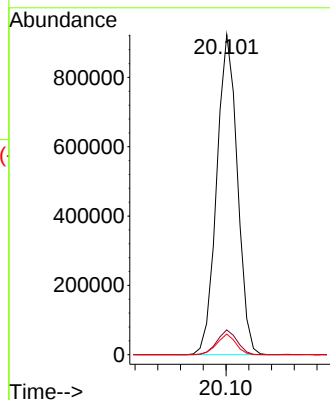
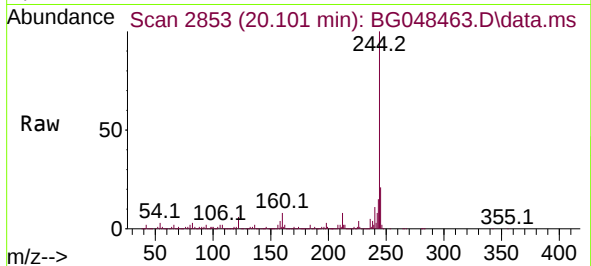




#79
Terphenyl-d14
Concen: 55.15 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048463.D
Acq: 23 Mar 2021 4:41

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

Tgt Ion:244 Resp: 1166312
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: BG048463.D
Acq: 23 Mar 2021 4:41

Tgt Ion:264 Resp: 394372
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.2 17.8 26.8

