

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048462.D
 Acq On : 23 Mar 2021 4:01
 Operator : CG/JU
 Sample : M1724-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26207

Quant Time: Mar 23 04:40:10 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)

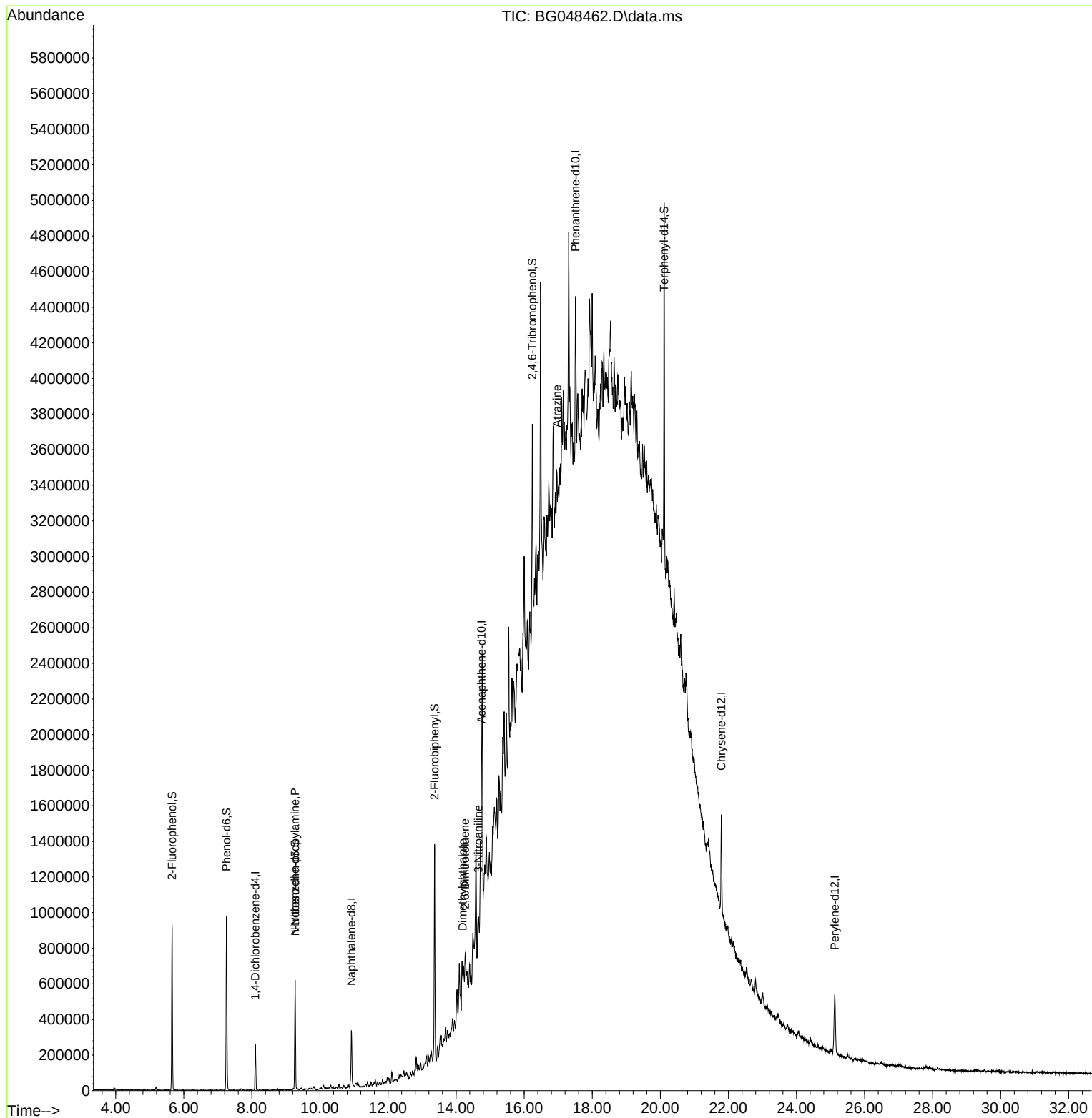
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	66710	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	250402	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	174210	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	361588	20.00	ng	# 0.01
76) Chrysene-d12	21.792	240	363474	20.00	ng	# 0.00
86) Perylene-d12	25.123	264	380436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	363231	90.04	ng	0.00
7) Phenol-d6	7.256	99	488425	83.21	ng	0.00
23) Nitrobenzene-d5	9.271	82	369331	58.97	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	218846	77.24	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	583727	48.20	ng	0.00
79) Terphenyl-d14	20.112	244	836291	41.49	ng	0.00
Target Compounds						
9) Benzaldehyde	7.250	77	2081	Below Cal	#	12
19) n-Nitroso-di-n-propyla...	9.271	70	58640	13.46	ng	# 75
50) Dimethylphthalate	14.189	163	37791	2.67	ng	# 73
51) 2,6-Dinitrotoluene	14.266	165	17727	5.81	ng	# 44
53) 3-Nitroaniline	14.659	138	6412	2.19	ng	# 58
69) Atrazine	16.962	200	13832	3.28	ng	# 16

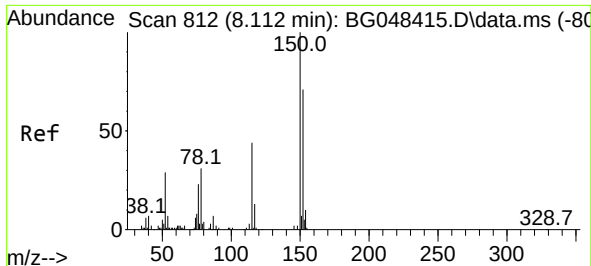
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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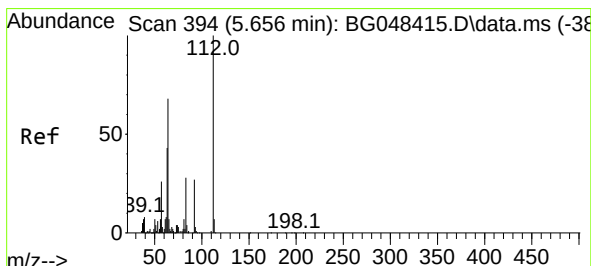
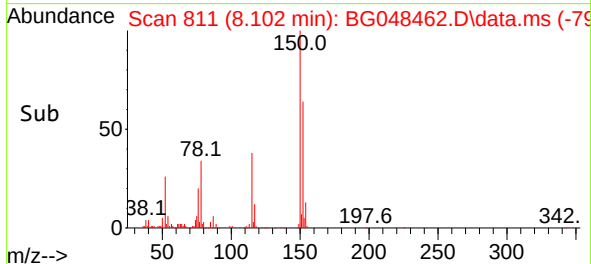
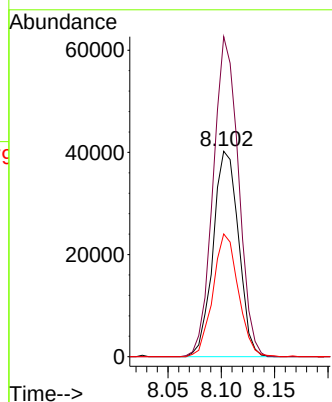
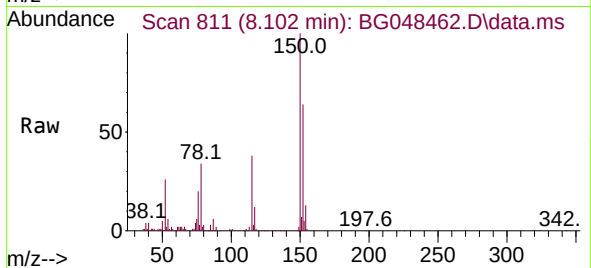




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

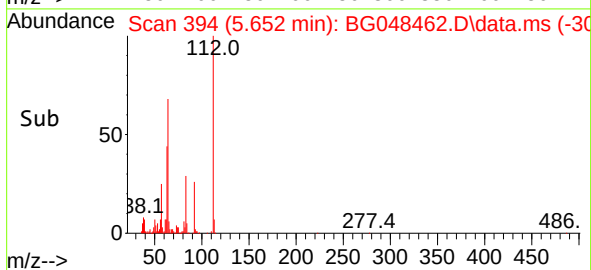
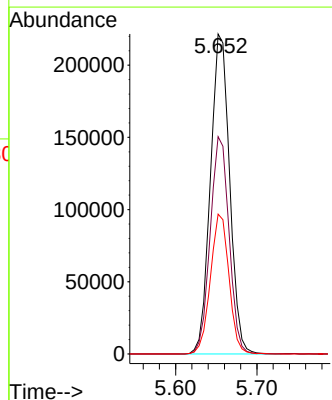
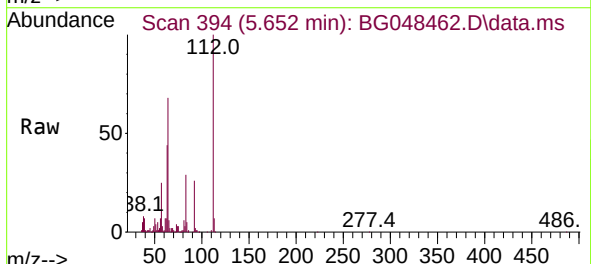
Instrument :
BNA_G
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26207

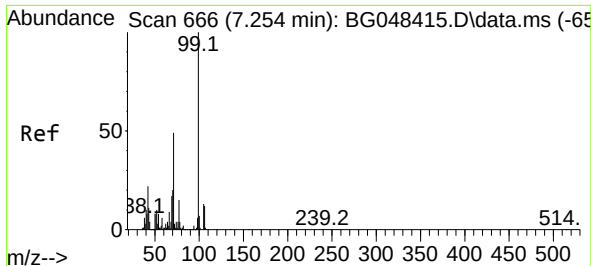
Tgt Ion:152 Resp: 66710
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.6
115 59.7 41.8 62.6



#5
2-Fluorophenol
Concen: 90.04 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion:112 Resp: 363231
Ion Ratio Lower Upper
112 100
64 67.9 46.7 70.1
63 43.7 22.8 34.2#

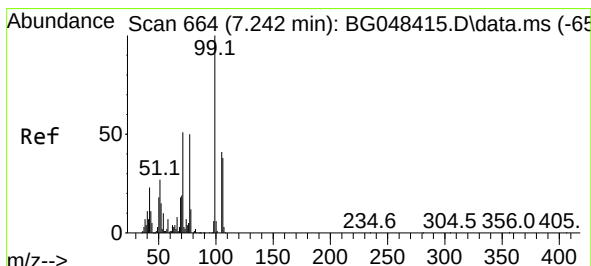
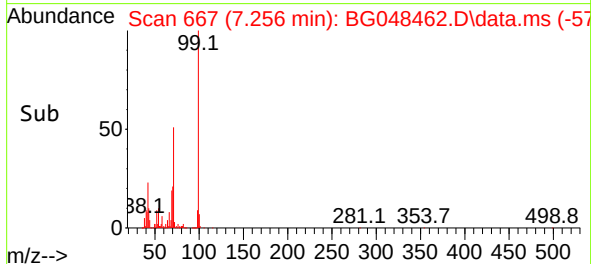
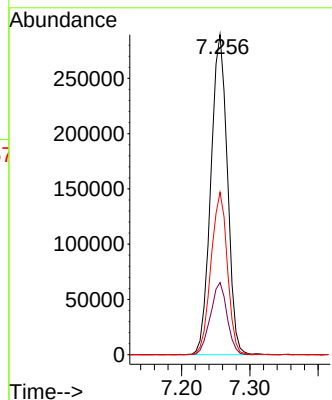
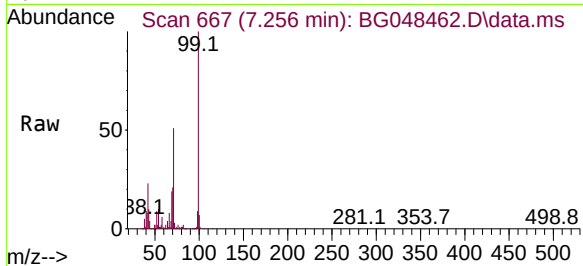




#7
Phenol-d6
Concen: 83.21 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.005 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

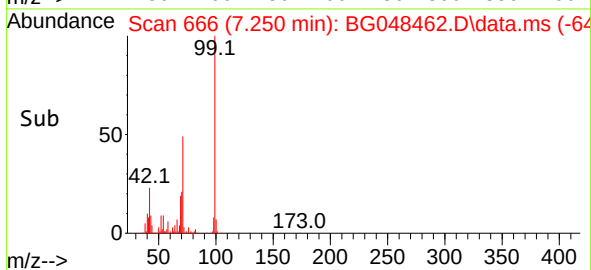
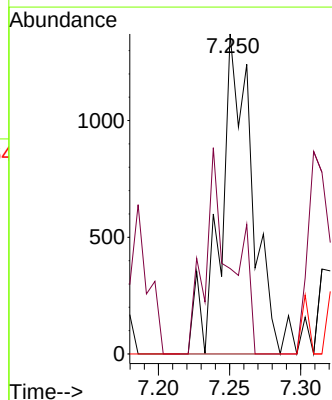
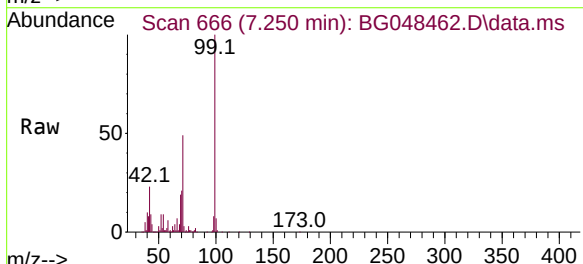
Instrument :
BNA_G
ClientSampleId :
26207

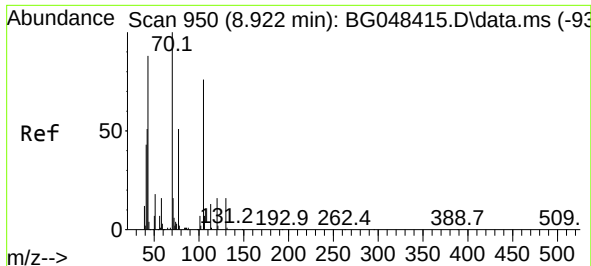
Tgt Ion: 99 Resp: 488425
Ion Ratio Lower Upper
99 100
42 22.6 12.8 19.2#
71 50.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.011 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion: 77 Resp: 2081
Ion Ratio Lower Upper
77 100
105 26.7 85.9 125.9#
106 0.0 80.9 120.9#

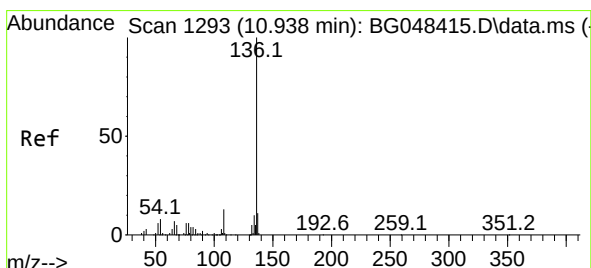
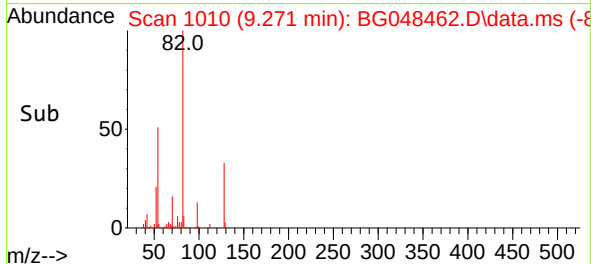
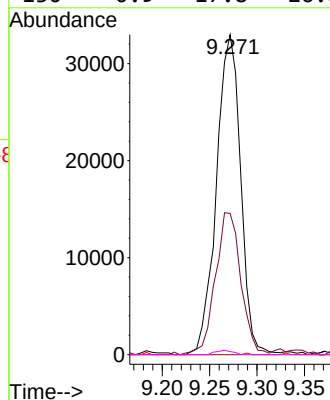
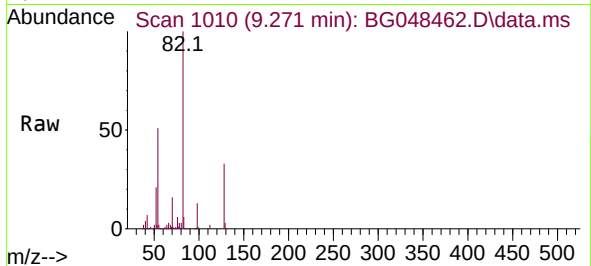




#19
n-Nitroso-di-n-propylamine
Concen: 13.46 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.358 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

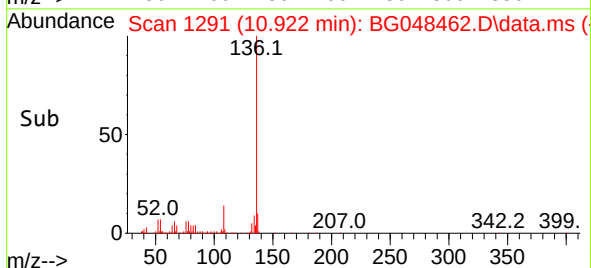
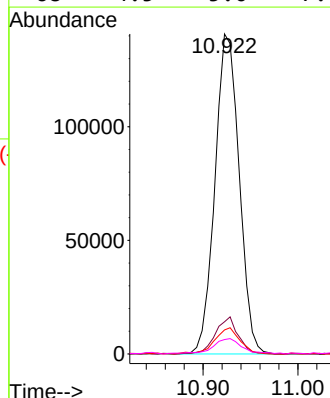
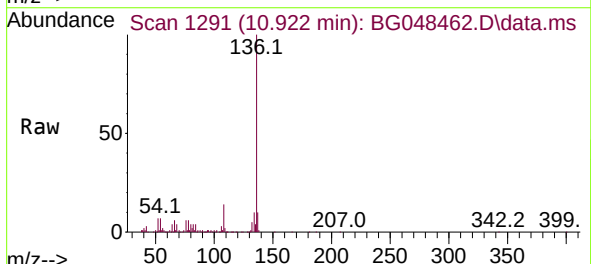
Instrument :
BNA_G
ClientSampled :
26207

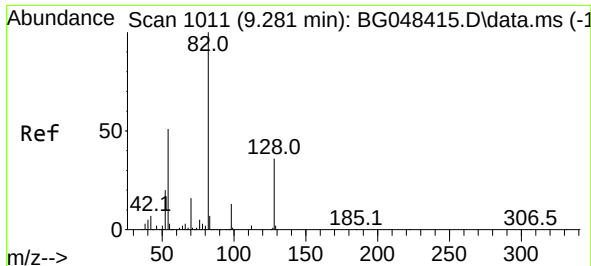
Tgt Ion: 70	Resp: 58640
Ion Ratio	Lower Upper
70 100	
42 44.2	45.6 68.4#
101 0.0	8.4 12.6#
130 0.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion: 136	Resp: 250402
Ion Ratio	Lower Upper
136 100	
137 10.1	9.1 13.7
54 7.5	6.2 9.4
68 4.5	5.0 7.4#

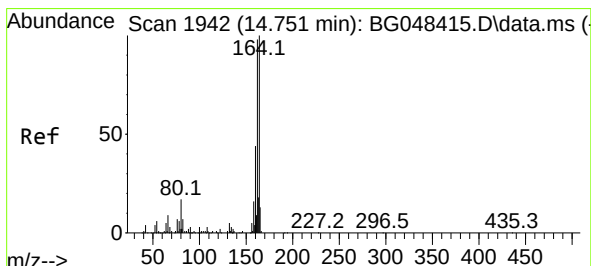
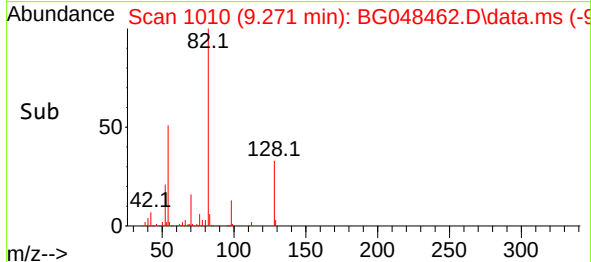
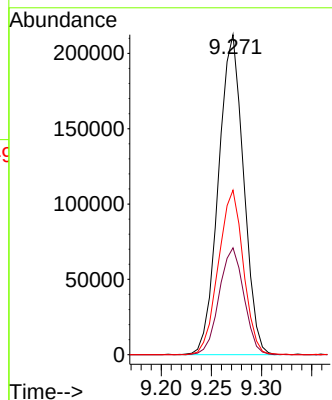
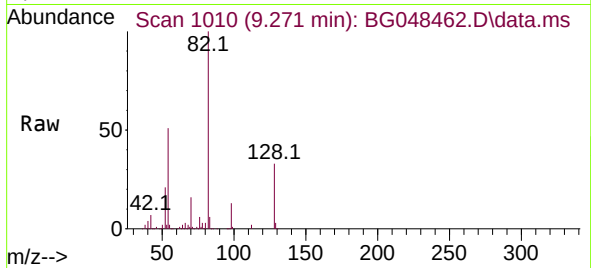




#23
Nitrobenzene-d5
Concen: 58.97 ng
RT: 9.271 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

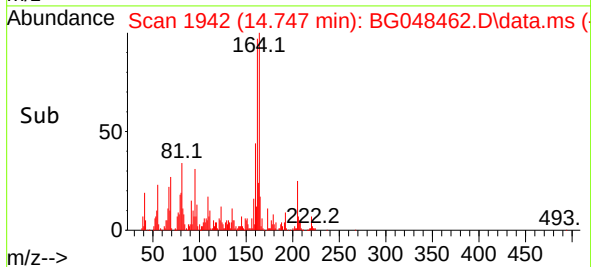
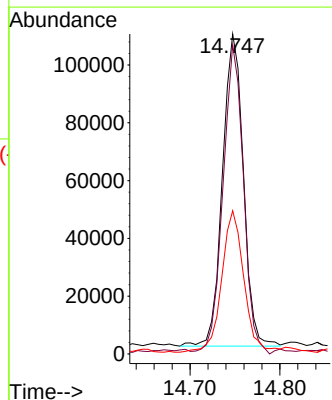
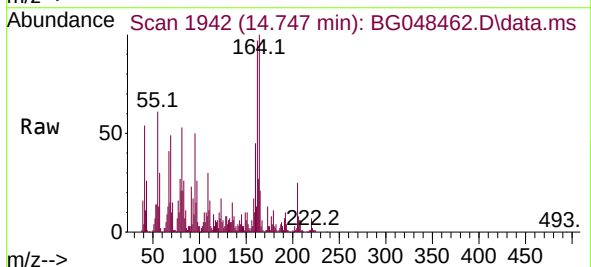
Instrument :
BNA_G
ClientSampled :
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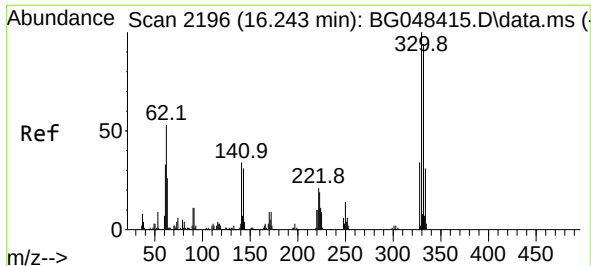
Tgt Ion: 82 Resp: 369331
Ion Ratio Lower Upper
82 100
128 33.4 37.0 55.6#
54 51.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion:164 Resp: 174210
Ion Ratio Lower Upper
164 100
162 96.6 82.3 123.5
160 44.8 35.3 52.9

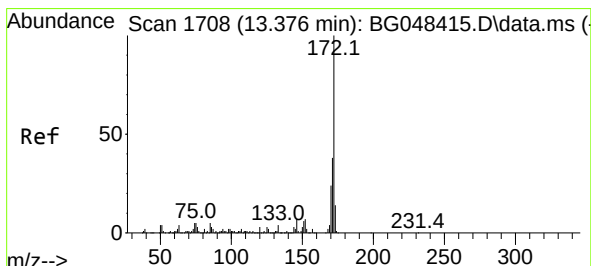
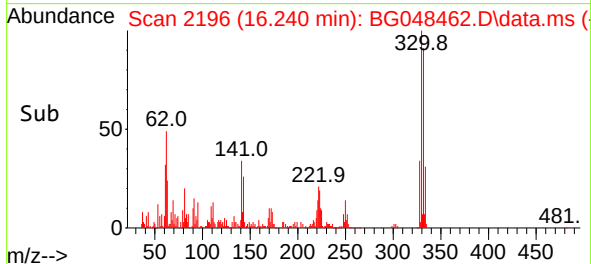
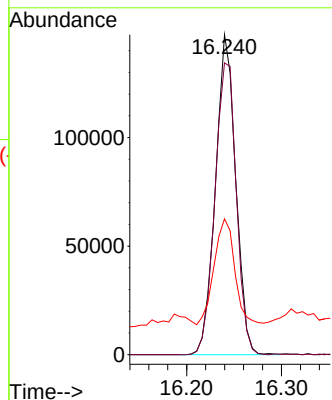
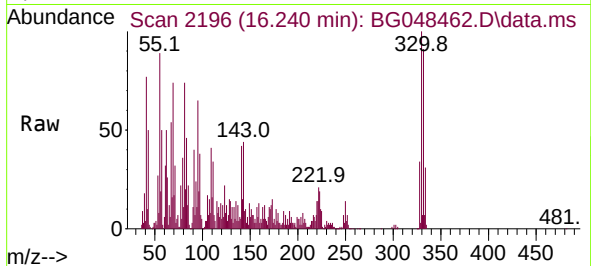




#42
2,4,6-Tribromophenol
Concen: 77.24 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.005 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

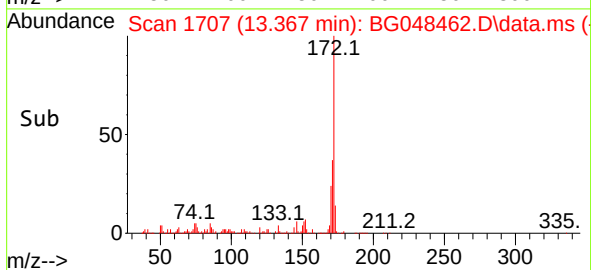
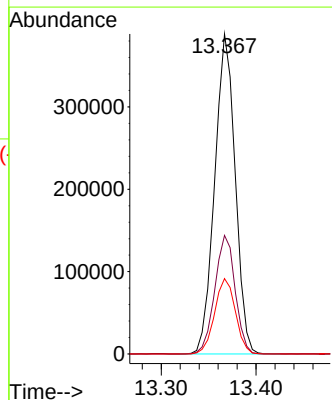
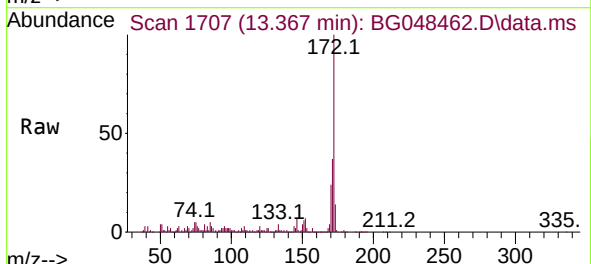
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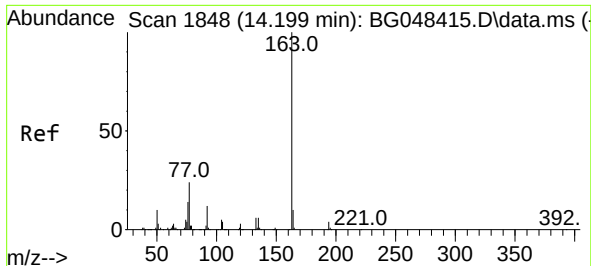
Tgt Ion:330 Resp: 218846
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 33.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 48.20 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion:172 Resp: 583727
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 23.5 20.8 31.2

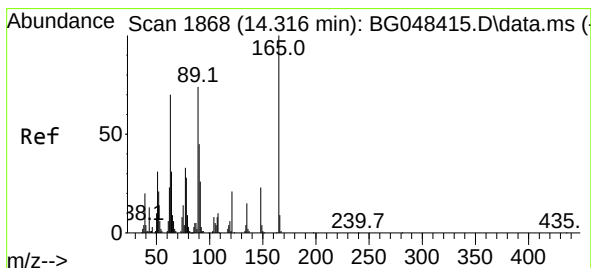
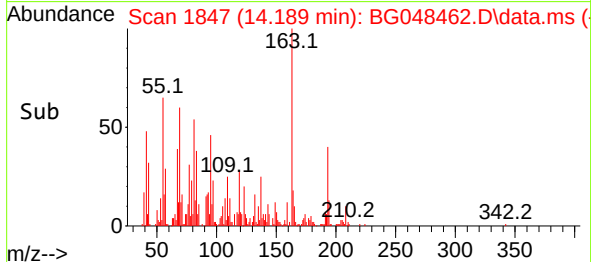
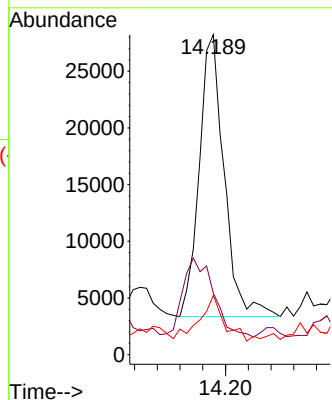
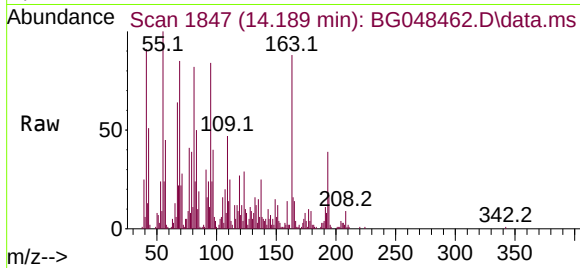




#50
Dimethylphthalate
Concen: 2.67 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

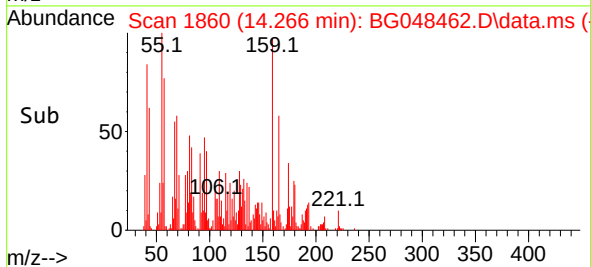
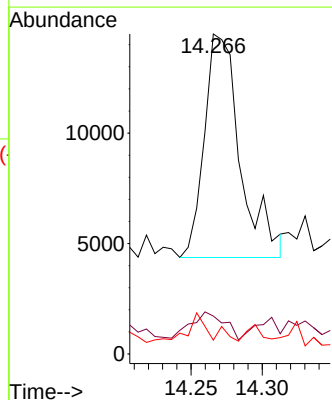
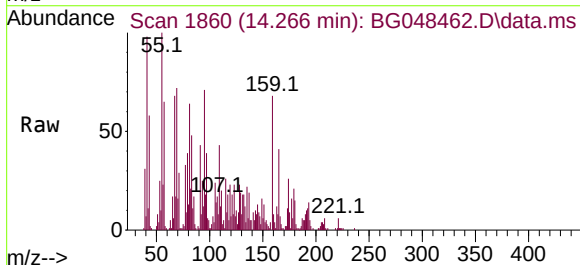
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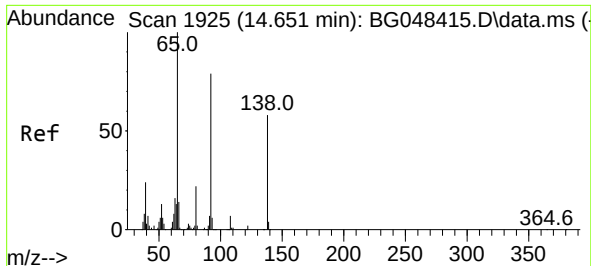
Tgt Ion:163 Resp: 37791
Ion Ratio Lower Upper
163 100
194 19.2 3.8 5.8#
164 18.5 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 5.81 ng
RT: 14.266 min Scan# 1860
Delta R.T. -0.047 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion:165 Resp: 17727
Ion Ratio Lower Upper
165 100
63 11.8 33.7 50.5#
89 4.3 36.6 54.8#

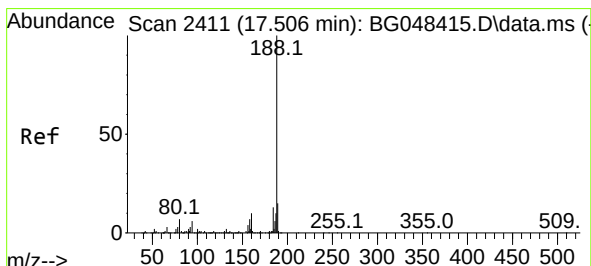
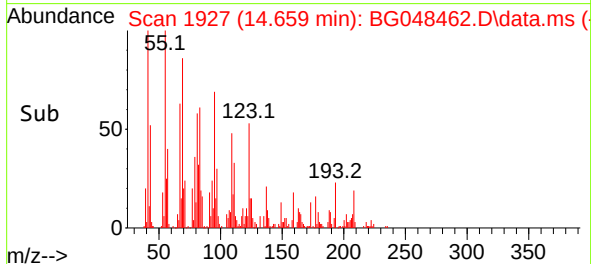
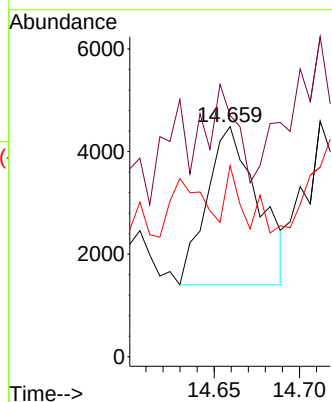
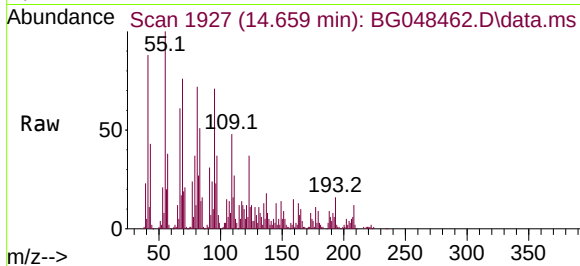




#53
3-Nitroaniline
Concen: 2.19 ng
RT: 14.659 min Scan# 1927
Delta R.T. 0.017 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

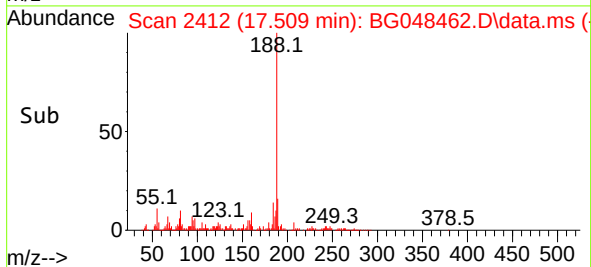
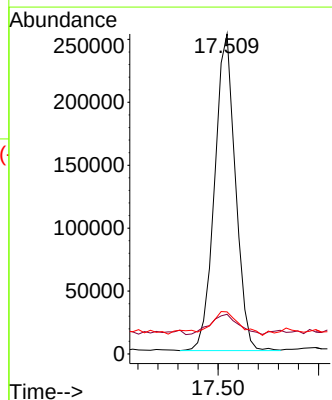
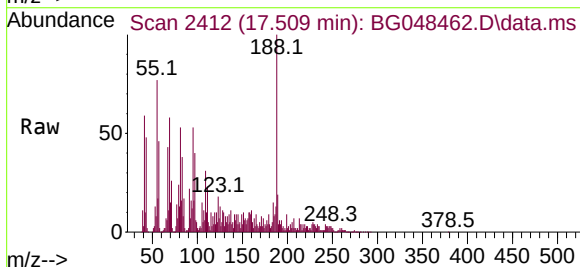
Instrument :
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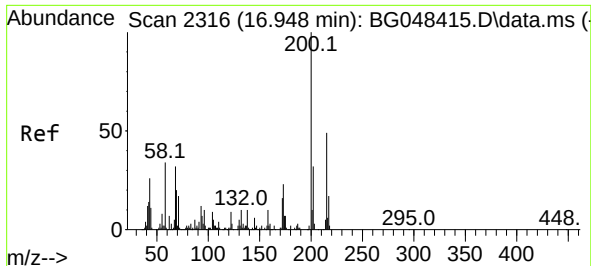
Tgt Ion:138 Resp: 6412
Ion Ratio Lower Upper
138 100
108 104.9 7.4 11.0#
92 83.0 85.2 127.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. 0.011 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion:188 Resp: 361588
Ion Ratio Lower Upper
188 100
94 12.4 6.3 9.5#
80 13.1 7.0 10.6#

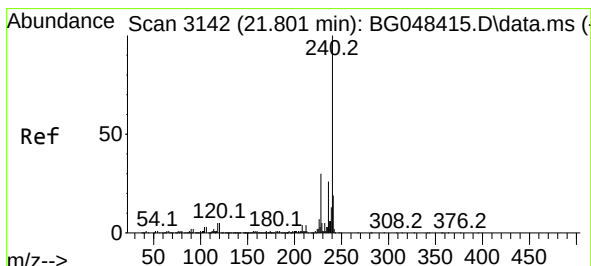
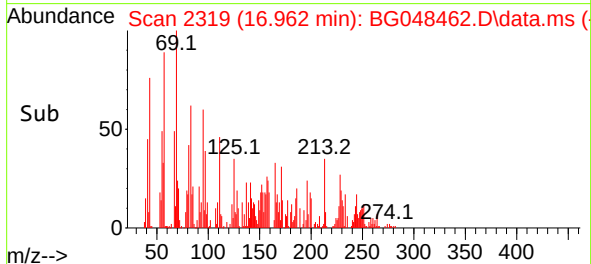
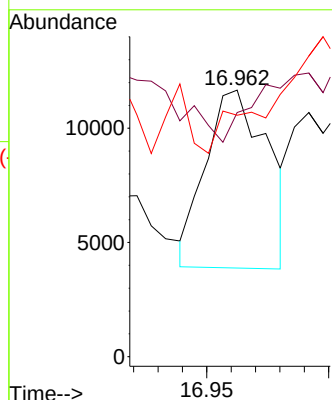
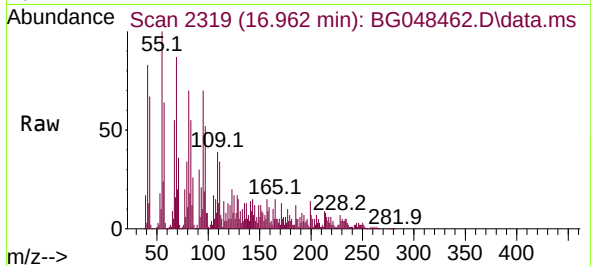




#69
Atrazine
Concen: 3.28 ng
RT: 16.962 min Scan# 2319
Delta R.T. 0.017 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

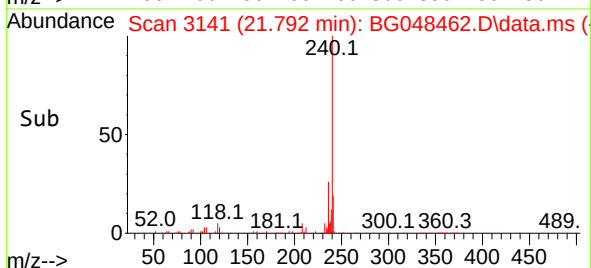
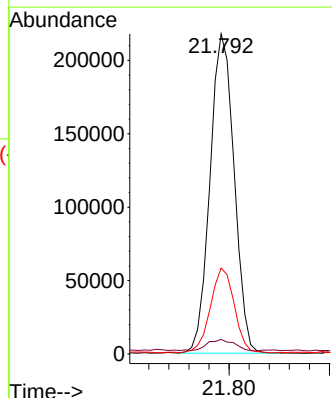
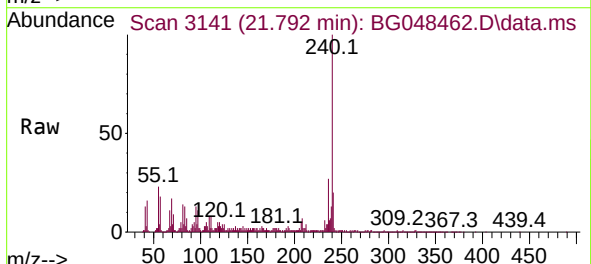
Instrument :
BNA_G
ClientSampled :
26207

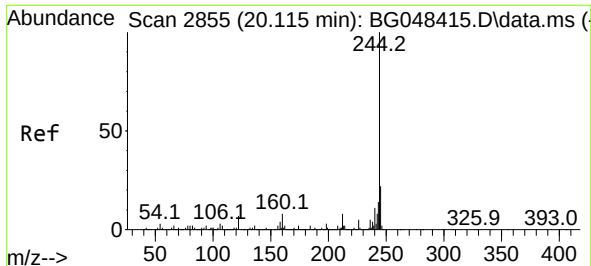
Tgt Ion:200 Resp: 13832
Ion Ratio Lower Upper
200 100
173 91.6 4.2 44.2#
215 90.6 30.0 70.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG048462.D
Acq: 23 Mar 2021 4:01

Tgt Ion:240 Resp: 363474
Ion Ratio Lower Upper
240 100
120 4.6 6.2 9.4#
236 26.9 20.5 30.7

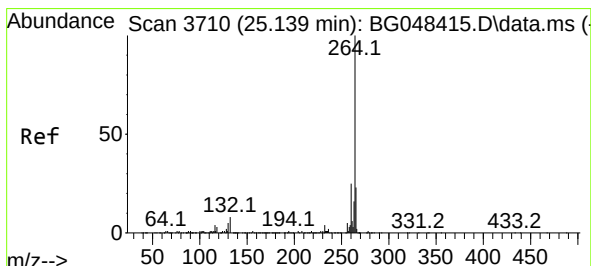
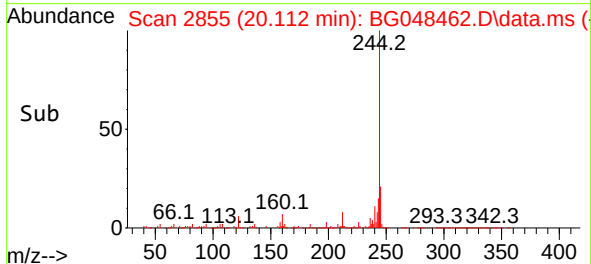
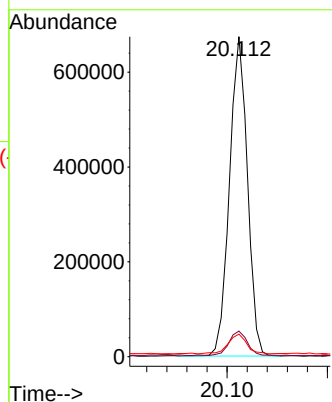
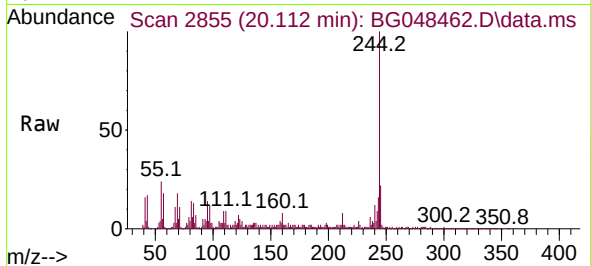




#79
 Terphenyl-d14
 Concen: 41.49 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. 0.005 min
 Lab File: BG048462.D
 Acq: 23 Mar 2021 4:01

Instrument :
 BNA_G
 ClientSampled :
 26207

Tgt Ion:244 Resp: 836291
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.7 10.1
 122 7.1 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.123 min Scan# 3708
 Delta R.T. -0.000 min
 Lab File: BG048462.D
 Acq: 23 Mar 2021 4:01

Tgt Ion:264 Resp: 380436
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.8 28.2
 265 21.4 17.8 26.8

