

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046710.D
 Acq On : 25 Sep 2020 20:30
 Operator : CG/JU
 Sample : L4132-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-20413

Quant Time: Sep 26 02:27:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

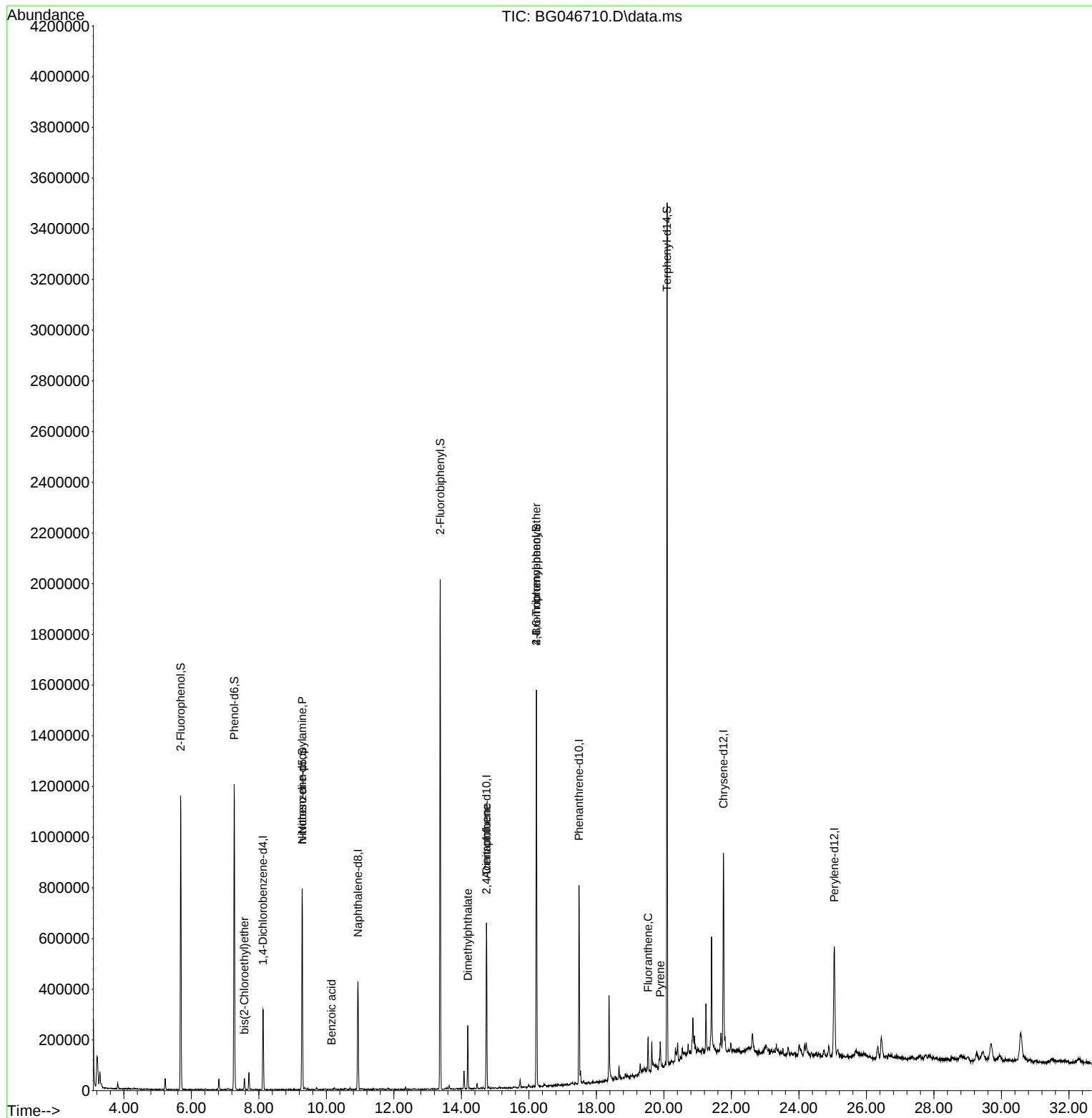
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	86573	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	336779	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	224408	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	484314	20.00	ng	0.00
76) Chrysene-d12	21.763	240	478981	20.00	ng	#-0.01
86) Perylene-d12	25.048	264	487093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	466668	86.36	ng	0.00
7) Phenol-d6	7.268	99	641262	84.13	ng	0.00
23) Nitrobenzene-d5	9.284	82	463141	73.16	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	278523	94.13	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	1017863	64.21	ng	0.00
79) Terphenyl-d14	20.095	244	1433837	60.00	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.263	77	1618	Below Cal	#	1
11) bis(2-Chloroethyl)ether	7.568	93	15592	2.66	ng	# 23
19) n-Nitroso-di-n-propyla...	9.284	70	69947	13.38	ng	# 76
32) Benzoic acid	10.153	122	138	6.38	ng	# 80
50) Dimethylphthalate	14.190	163	152016	8.48	ng	100
57) 2,4-Dinitrotoluene	14.748	165	30066	7.79	ng	# 32
67) 4-Bromophenyl-phenylether	16.223	248	19526	3.19	ng	# 1
75) Fluoranthene	19.531	202	78782	2.35	ng	98
78) Pyrene	19.889	202	66583	2.16	ng	96

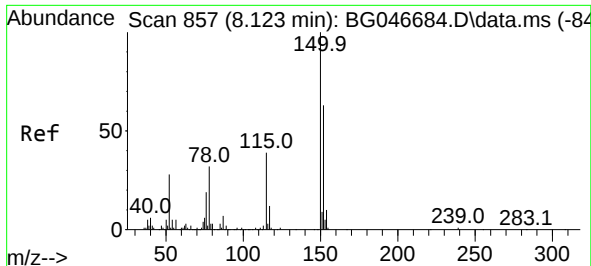
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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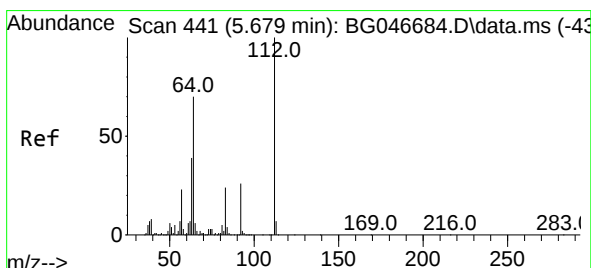
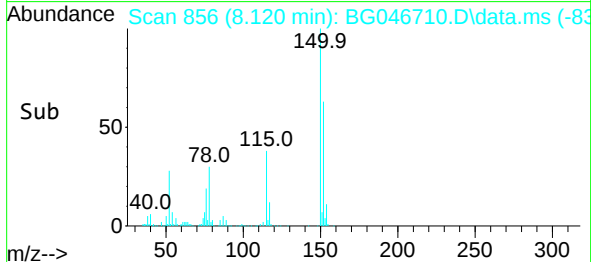
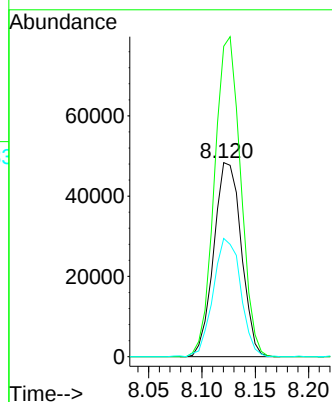
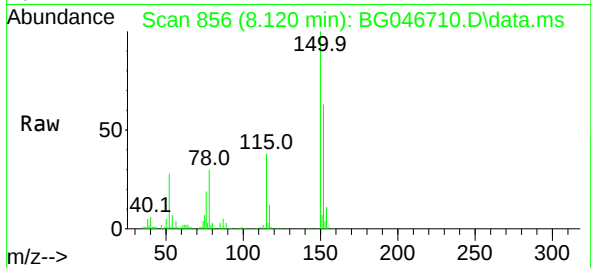




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 856
Delta R.T. -0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

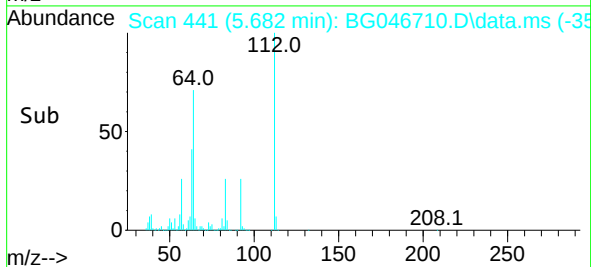
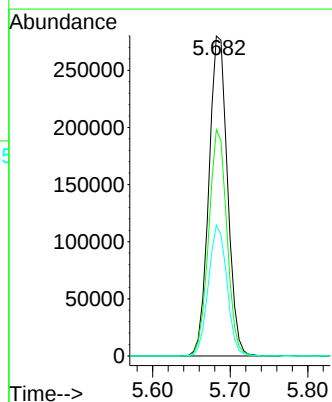
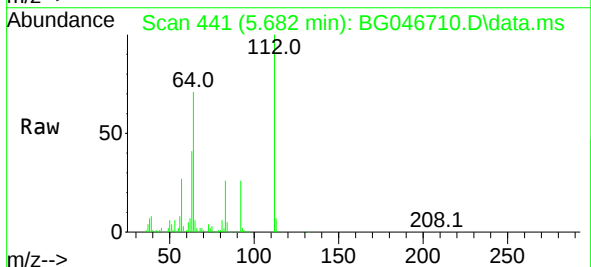
Instrument :
BNA_G
ClientSampleId :
CHRT-20413

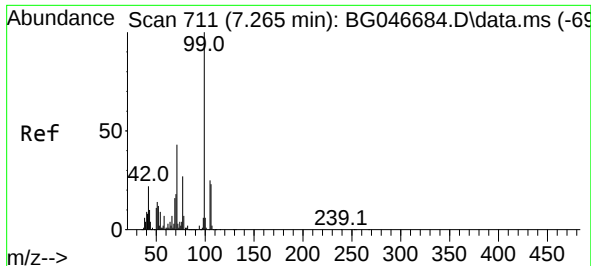
Tgt Ion:152 Resp: 86573
Ion Ratio Lower Upper
152 100
150 159.9 125.0 187.6
115 61.0 41.8 62.6



#5
2-Fluorophenol
Concen: 86.36 ng
RT: 5.682 min Scan# 441
Delta R.T. 0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:112 Resp: 466668
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 40.9 22.8 34.2#

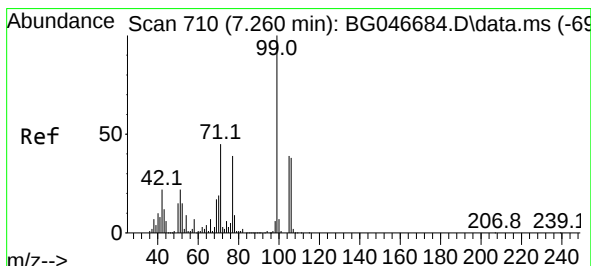
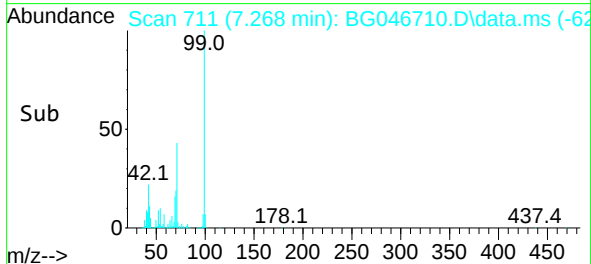
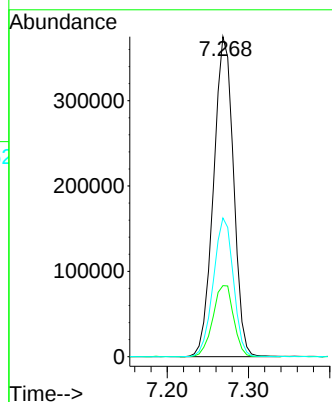
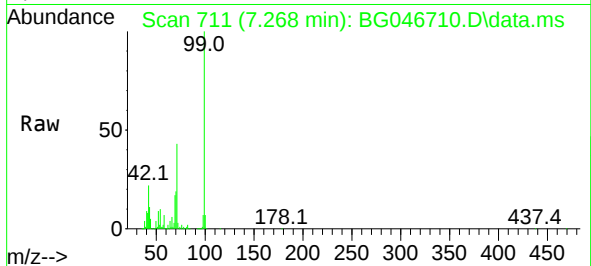




#7
Phenol-d6
Concen: 84.13 ng
RT: 7.268 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

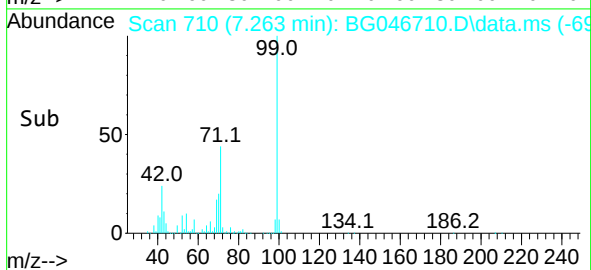
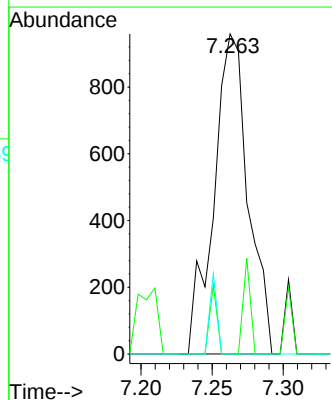
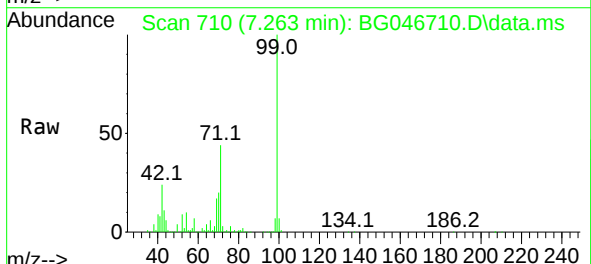
Instrument :
BNA_G
ClientSampleId :
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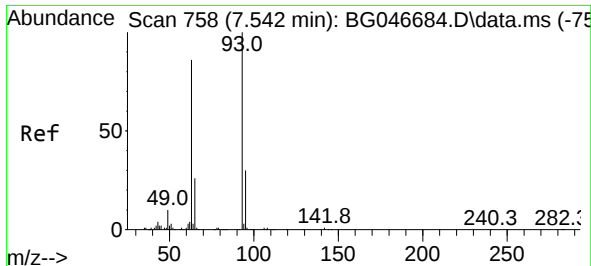
Tgt Ion: 99 Resp: 641262
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 43.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.263 min Scan# 710
Delta R.T. 0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion: 77 Resp: 1618
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

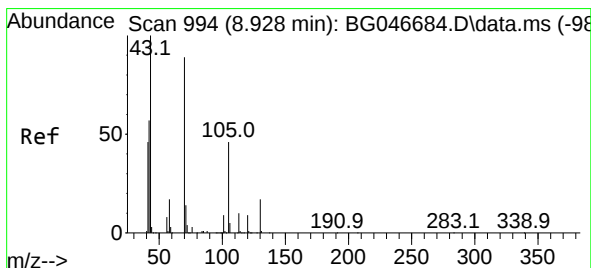
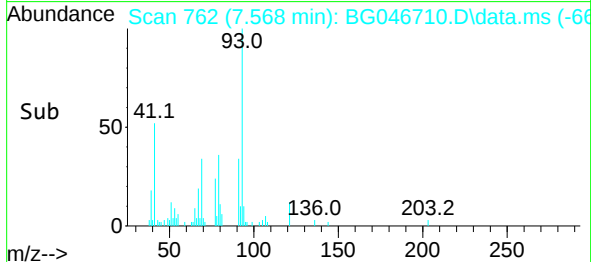
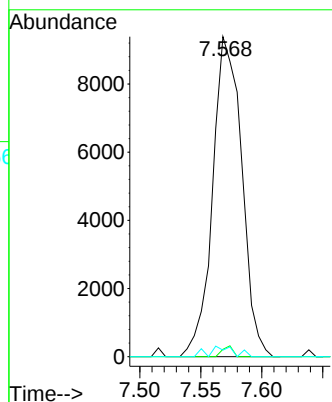
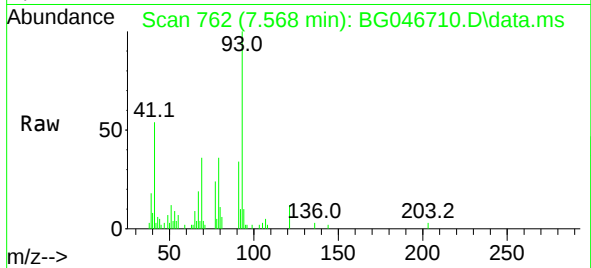




#11
bis(2-Chloroethyl)ether
Concen: 2.66 ng
RT: 7.568 min Scan# 762
Delta R.T. 0.027 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

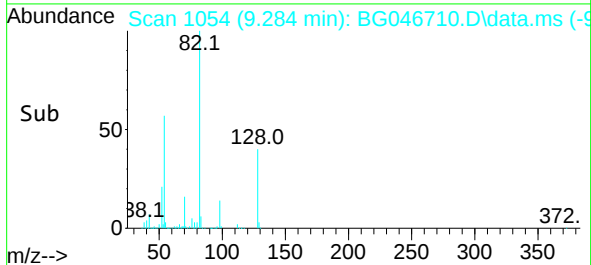
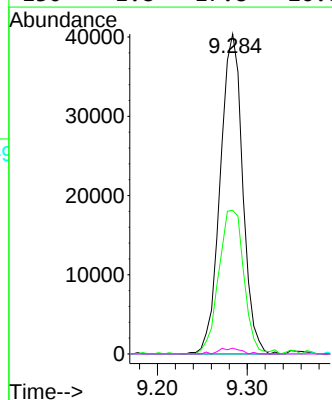
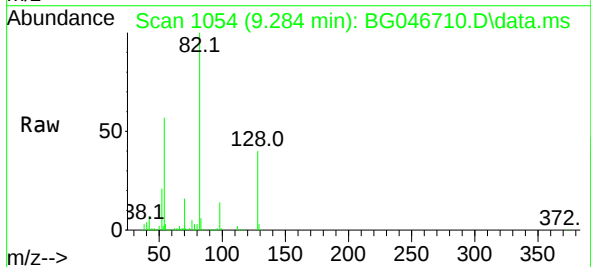
Instrument :
BNA_G
ClientSampleId :
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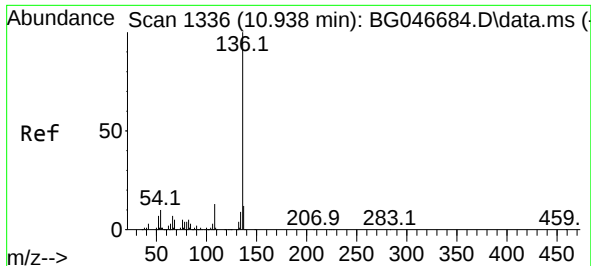
Tgt Ion: 93 Resp: 15592
Ion Ratio Lower Upper
93 100
63 2.3 56.4 96.4#
95 2.0 13.8 53.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.38 ng
RT: 9.284 min Scan# 1054
Delta R.T. 0.356 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion: 70 Resp: 69947
Ion Ratio Lower Upper
70 100
42 44.9 45.6 68.4#
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#

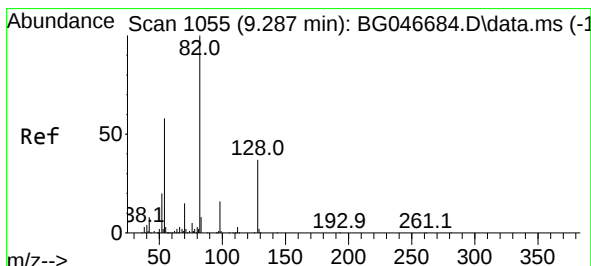
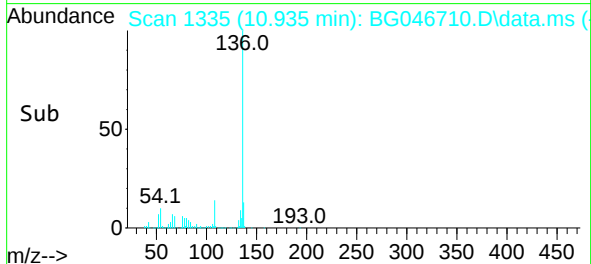
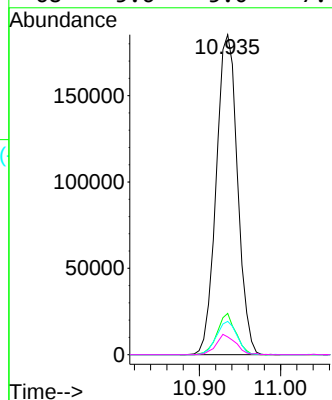
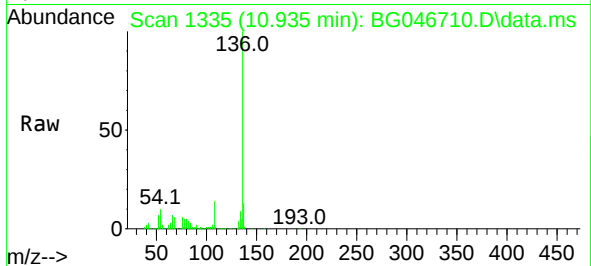




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

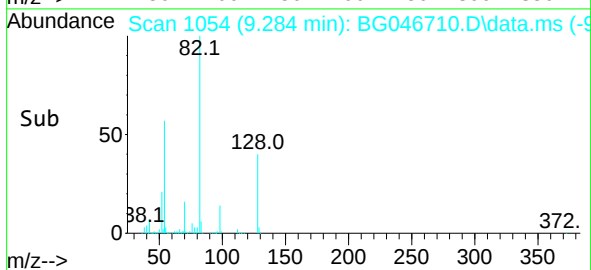
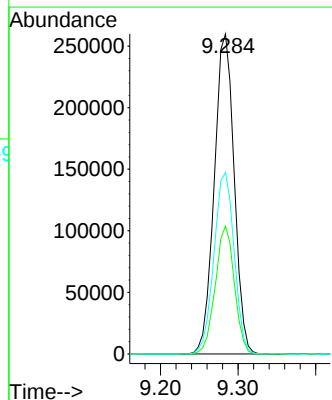
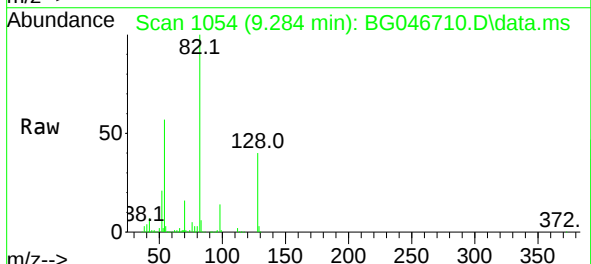
Instrument :
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ClientSampleId :
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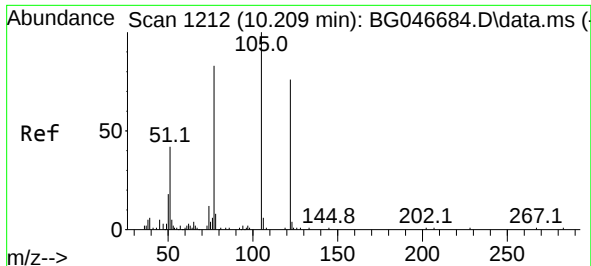
Tgt Ion:136	Resp: 336779
Ion Ratio	Lower Upper
136 100	
137 12.9	9.1 13.7
54 10.4	6.2 9.4#
68 5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 73.16 ng
RT: 9.284 min Scan# 1054
Delta R.T. -0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion: 82	Resp: 463141
Ion Ratio	Lower Upper
82 100	
128 40.0	37.0 55.6
54 56.7	39.0 58.4

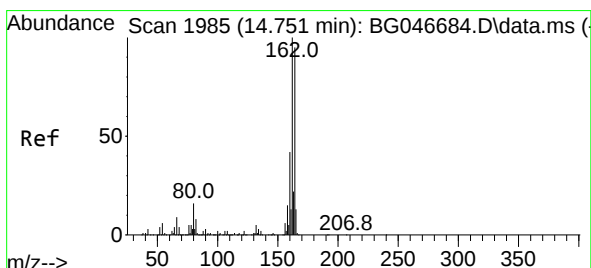
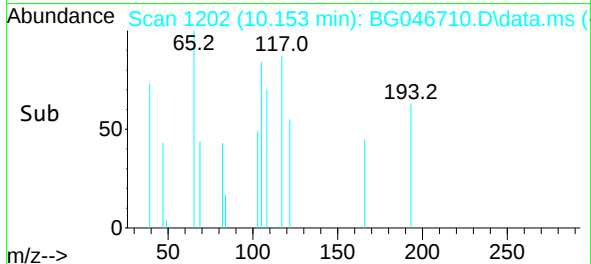
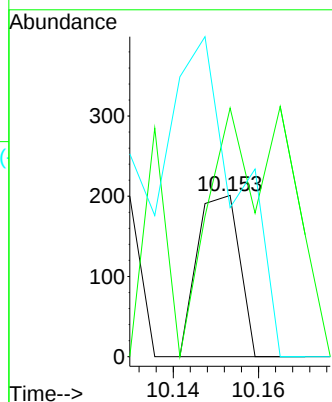
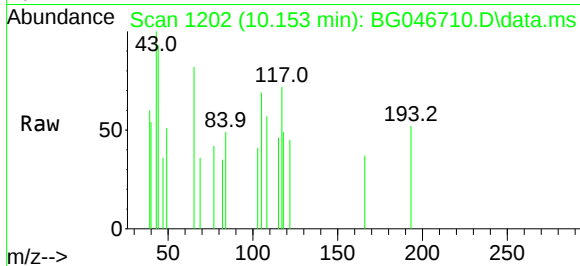




#32
Benzoic acid
Concen: 6.38 ng
RT: 10.153 min Scan# 1202
Delta R.T. -0.056 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

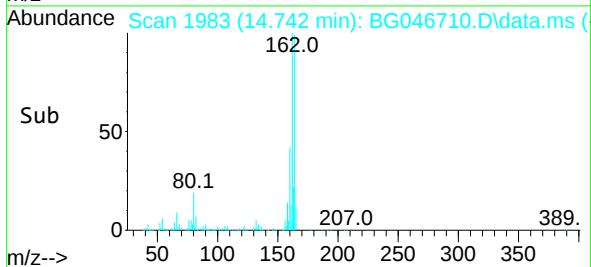
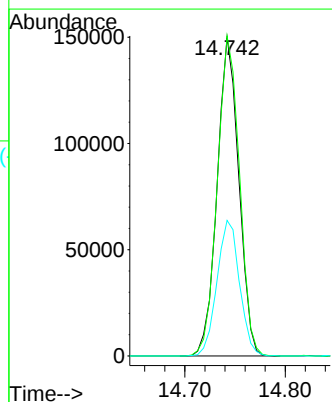
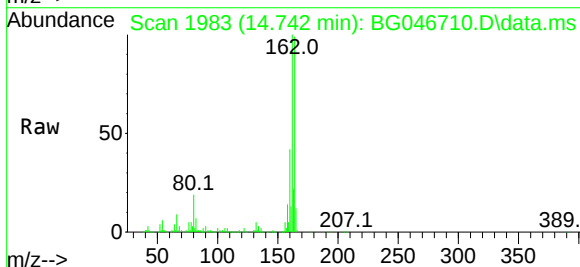
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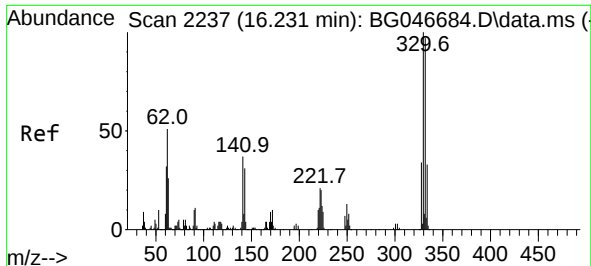
Tgt Ion:122 Resp: 138
Ion Ratio Lower Upper
122 100
105 154.2 103.7 143.7#
77 92.5 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:164 Resp: 224408
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 42.6 35.3 52.9

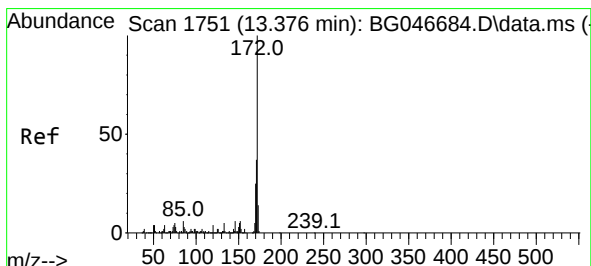
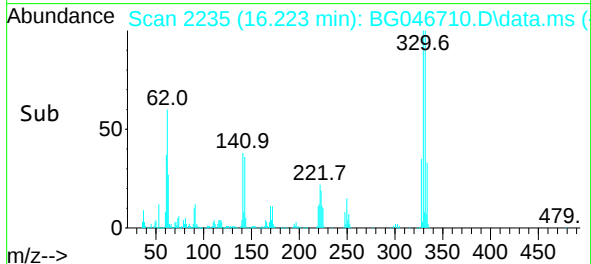
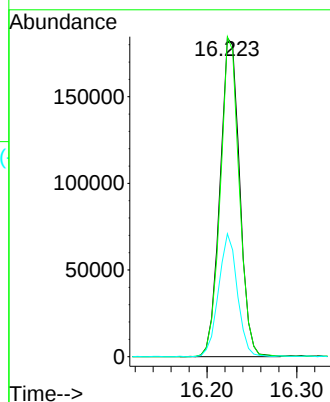
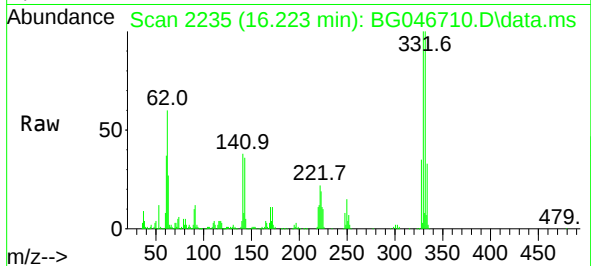




#42
2,4,6-Tribromophenol
Concen: 94.13 ng
RT: 16.223 min Scan# 2235
Delta R.T. -0.008 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

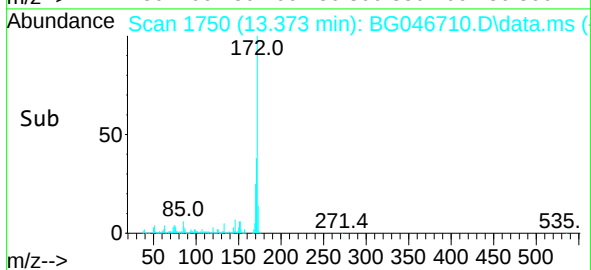
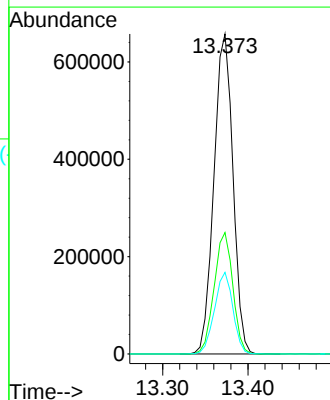
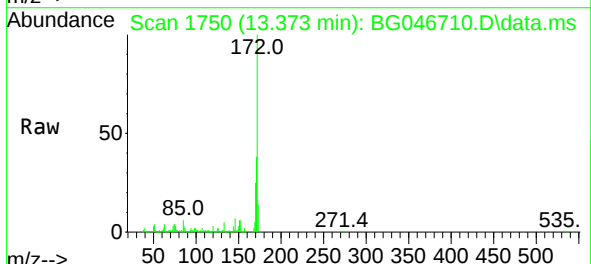
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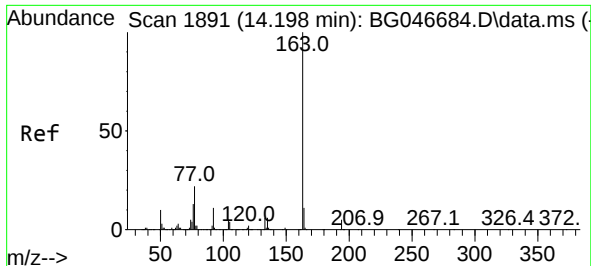
Tgt Ion:330 Resp: 278523
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 37.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 64.21 ng
RT: 13.373 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:172 Resp: 1017863
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.5 20.8 31.2

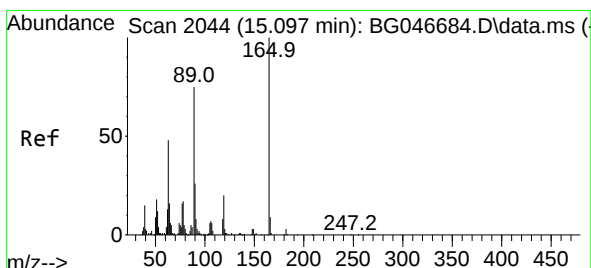
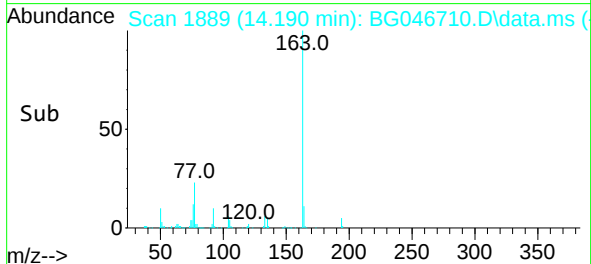
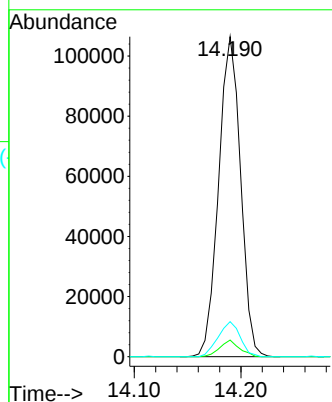
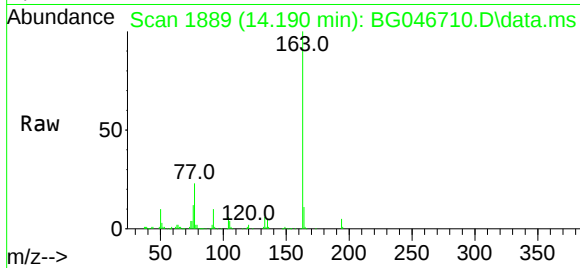




#50
Dimethylphthalate
Concen: 8.48 ng
RT: 14.190 min Scan# 1889
Delta R.T. -0.009 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

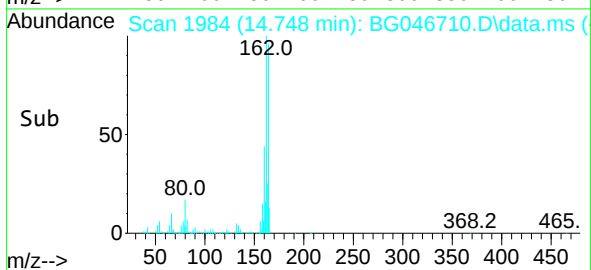
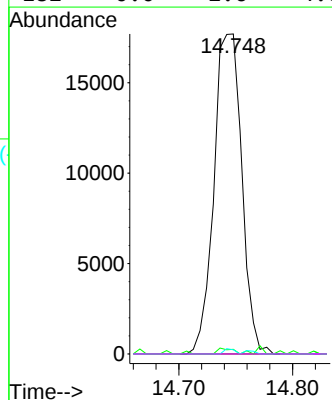
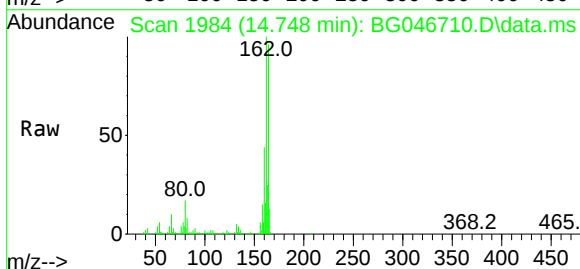
Instrument :
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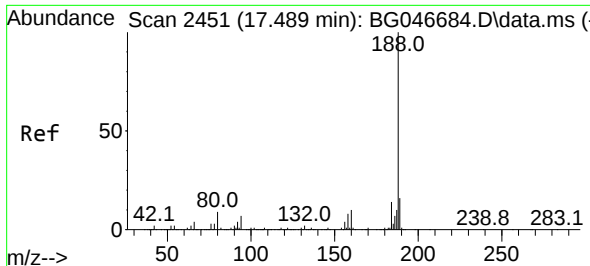
Tgt Ion:163 Resp: 152016
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.8
164 11.0 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 7.79 ng
RT: 14.748 min Scan# 1984
Delta R.T. -0.349 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:165 Resp: 30066
Ion Ratio Lower Upper
165 100
63 1.4 26.4 39.6#
89 1.3 47.8 71.8#
182 0.0 2.6 4.0#

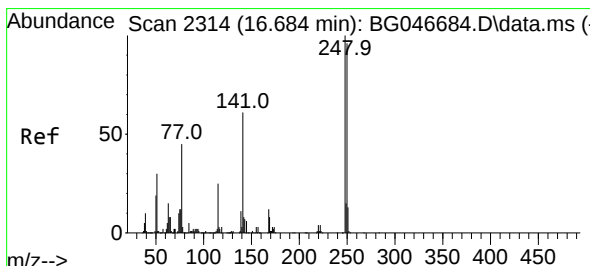
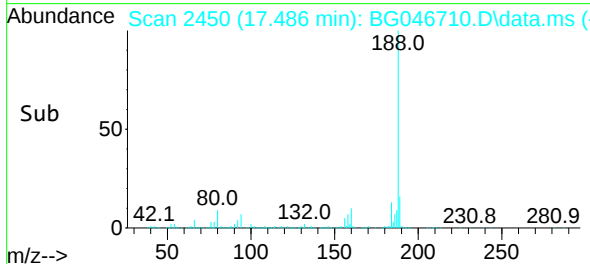
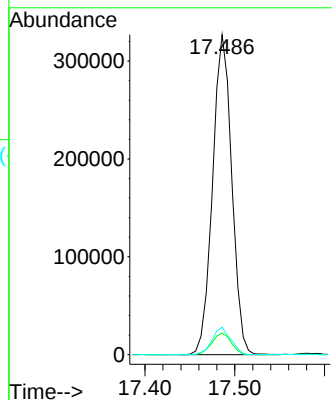
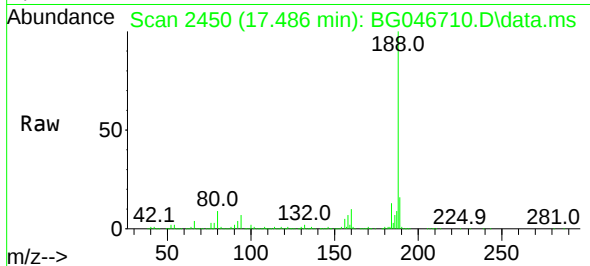




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

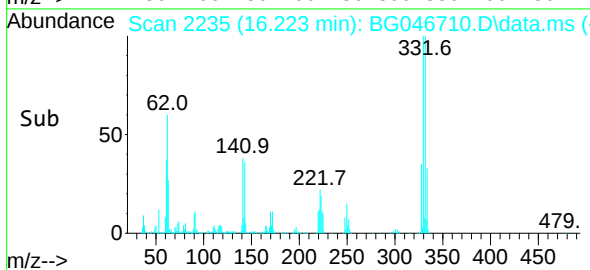
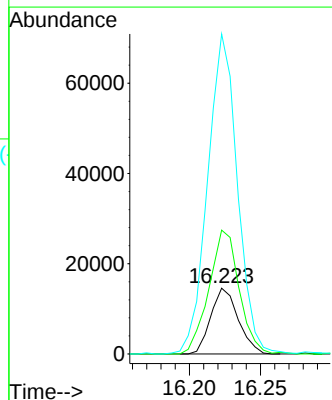
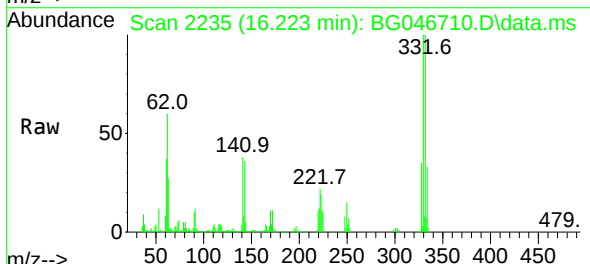
Instrument :
BNA_G
ClientSampleId :
CHRT-20413

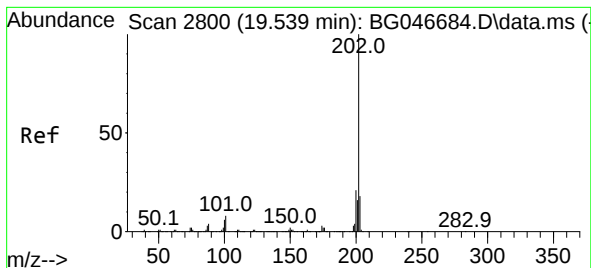
Tgt Ion:188 Resp: 484314
Ion Ratio Lower Upper
188 100
94 6.7 6.3 9.5
80 8.6 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 16.223 min Scan# 2235
Delta R.T. -0.461 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:248 Resp: 19526
Ion Ratio Lower Upper
248 100
250 194.3 78.9 118.3#
141 392.8 46.2 69.4#

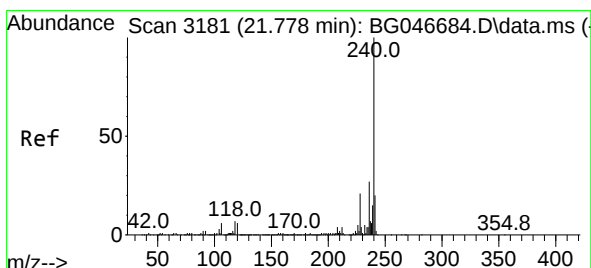
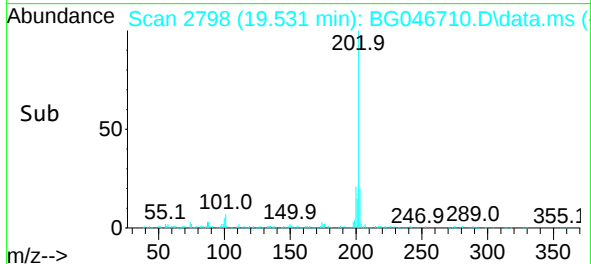
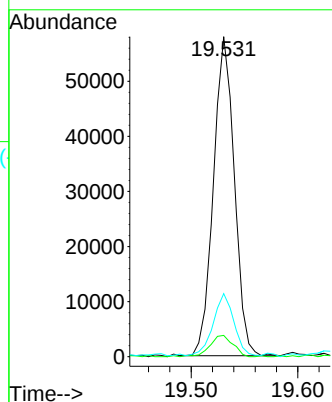
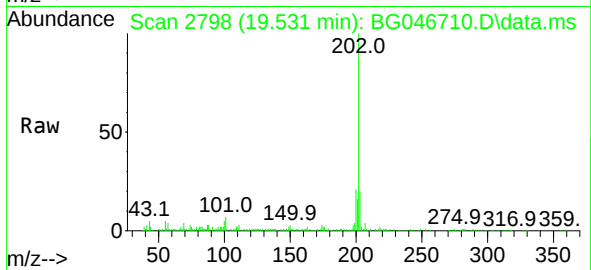




#75
Fluoranthene
Concen: 2.35 ng
RT: 19.531 min Scan# 2798
Delta R.T. -0.009 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

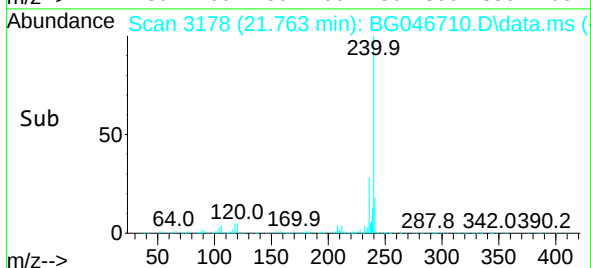
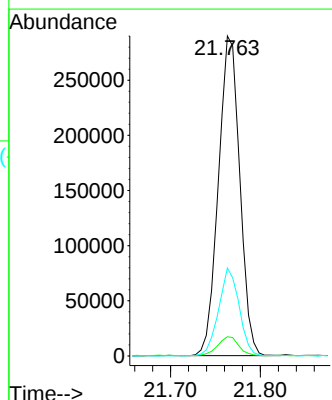
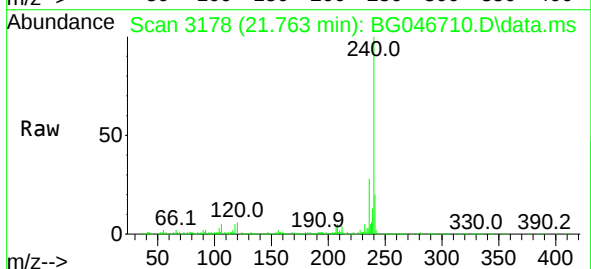
Instrument :
BNA_G
ClientSampleId :
CHRT-20413

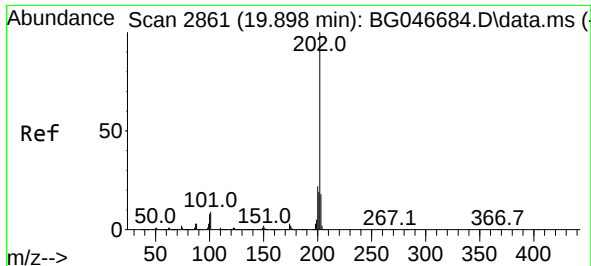
Tgt Ion:202 Resp: 78782
Ion Ratio Lower Upper
202 100
101 8.1 0.0 29.7
203 19.7 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3178
Delta R.T. -0.015 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:240 Resp: 478981
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 27.5 20.5 30.7

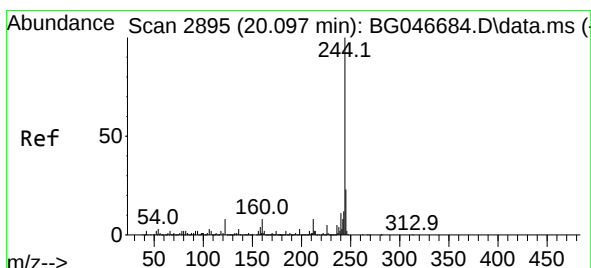
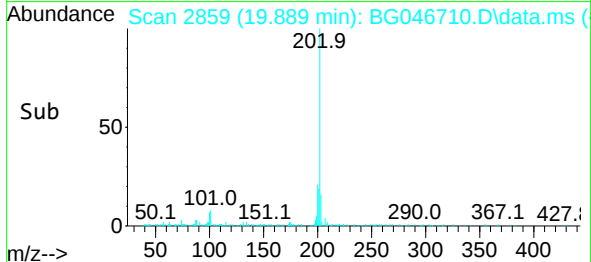
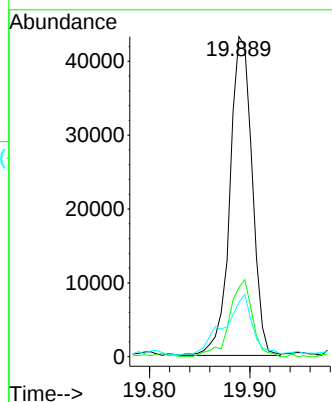
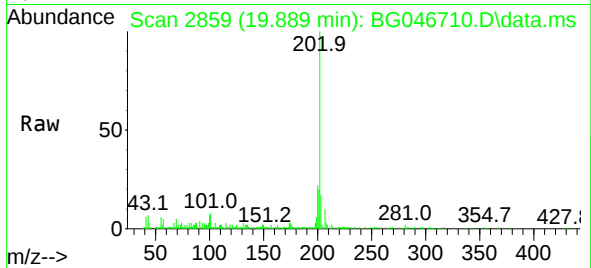




#78
Pyrene
Concen: 2.16 ng
RT: 19.889 min Scan# 2859
Delta R.T. -0.009 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

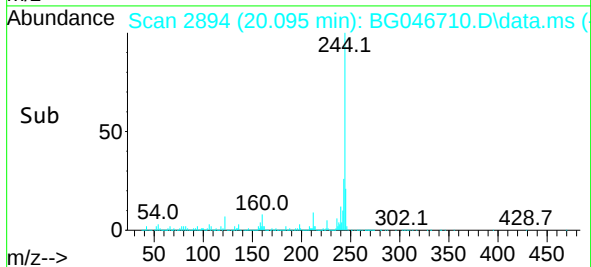
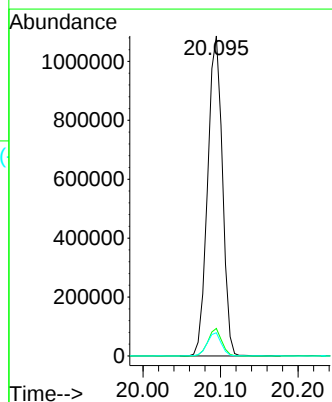
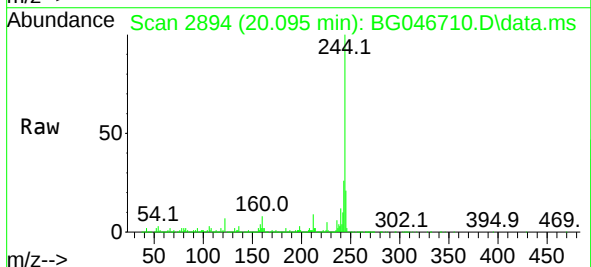
Instrument :
BNA_G
ClientSampleId :
CHRT-20413

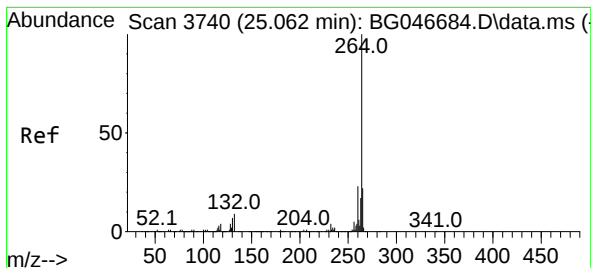
Tgt Ion:202 Resp: 66583
Ion Ratio Lower Upper
202 100
200 21.6 18.6 27.8
203 17.0 15.3 22.9



#79
Terphenyl-d14
Concen: 60.00 ng
RT: 20.095 min Scan# 2894
Delta R.T. -0.002 min
Lab File: BG046710.D
Acq: 25 Sep 2020 20:30

Tgt Ion:244 Resp: 1433837
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 7.2 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.048 min Scan# 3737
 Delta R.T. -0.014 min
 Lab File: BG046710.D
 Acq: 25 Sep 2020 20:30

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-20413

Tgt Ion:264 Resp: 487093
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.2 17.8 26.8

