

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048459.D
 Acq On : 23 Mar 2021 1:59
 Operator : CG/JU
 Sample : M1712-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEW-BLOCK-FLOOR-PAT

Quant Time: Mar 23 02:41:50 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)

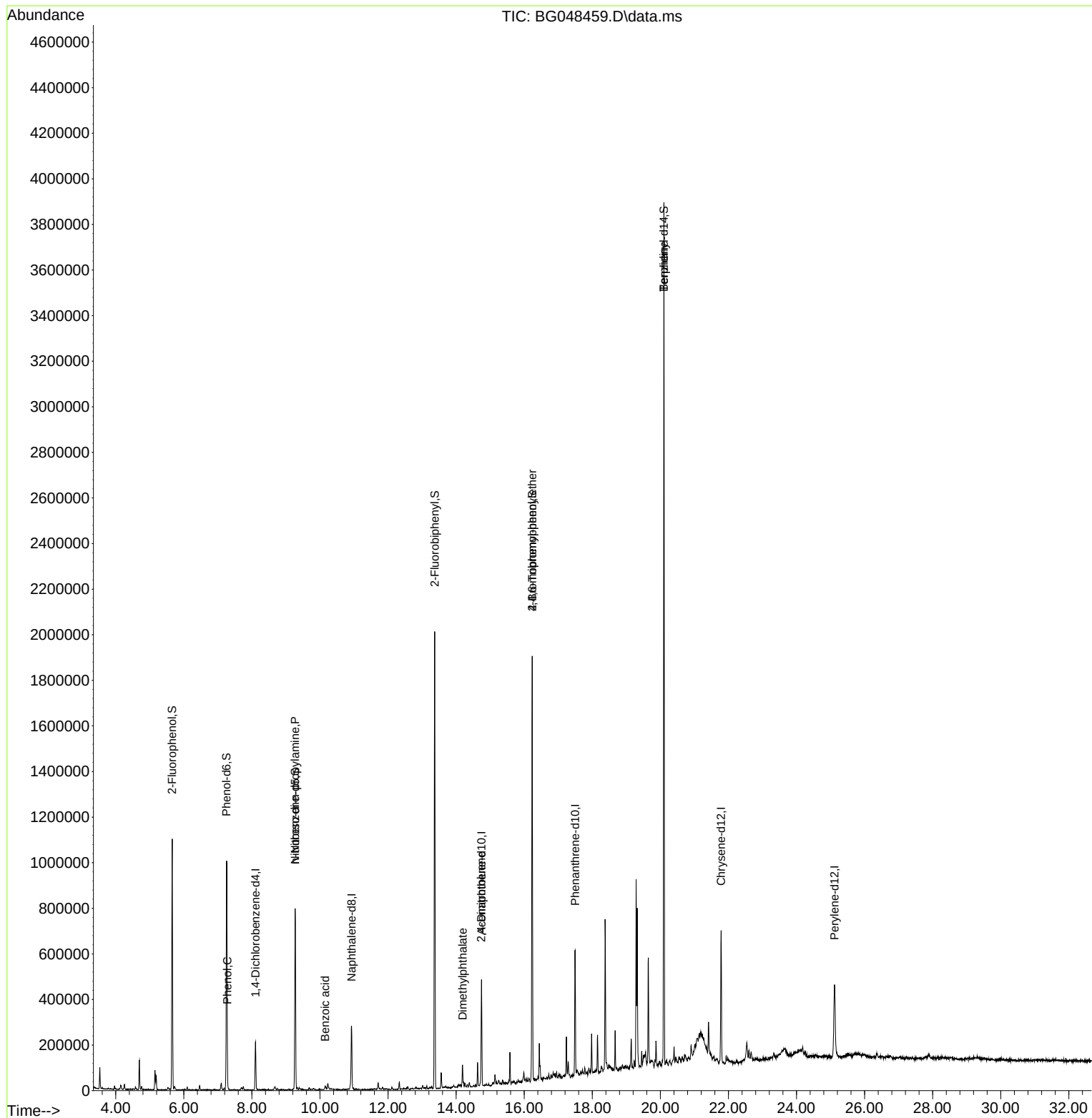
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	59949	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	226286	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	169016	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	356763	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	362668	20.00	ng	# 0.00
86) Perylene-d12	25.117	264	364933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	411485	113.51	ng	0.01
7) Phenol-d6	7.256	99	522465	99.04	ng	0.00
23) Nitrobenzene-d5	9.271	82	473628	83.69	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	344994	125.51	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	1028517	87.54	ng	0.00
79) Terphenyl-d14	20.106	244	1666454	82.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.238	77	590	Below Cal	#	70
10) Phenol	7.279	94	11734	2.17	ng	# 27
19) n-Nitroso-di-n-propyla...	9.271	70	72063	18.40	ng	# 77
32) Benzoic acid	10.153	122	6342	2.27	ng	# 76
50) Dimethylphthalate	14.189	163	53567	3.89	ng	# 97
57) 2,4-Dinitrotoluene	14.741	165	22302	5.31	ng	# 34
67) 4-Bromophenyl-phenylether	16.234	248	23395	5.21	ng	# 1
77) Benzidine	20.106	184	31918	2.94	ng	95

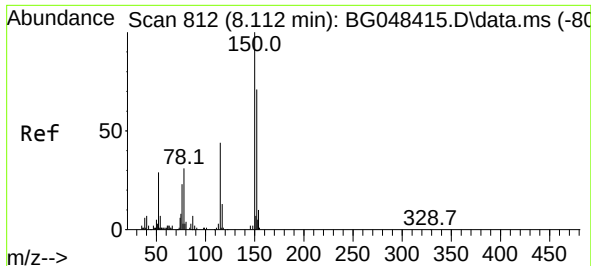
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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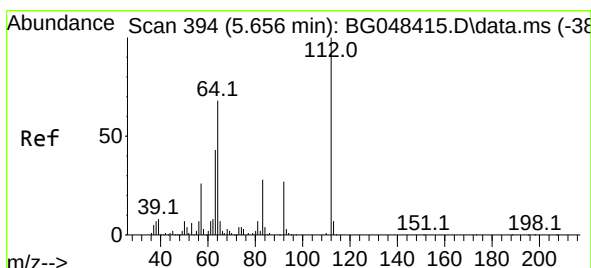
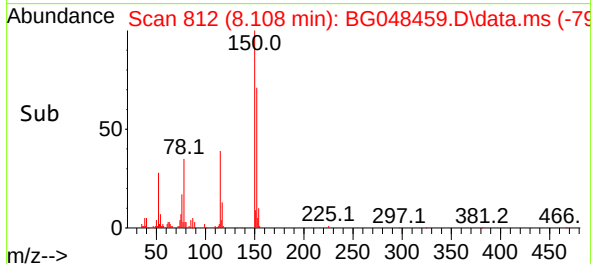
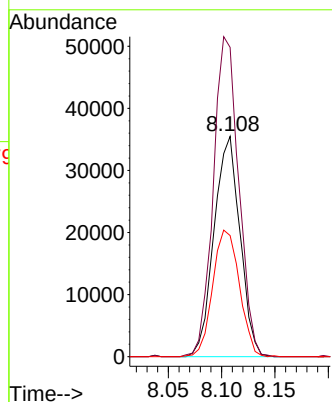
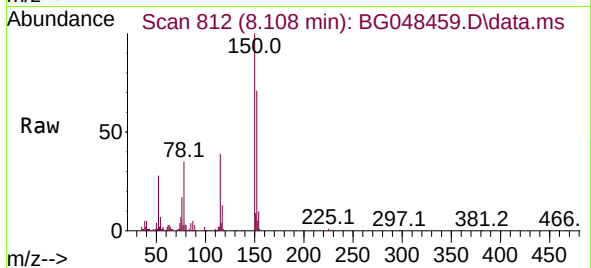




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.005 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

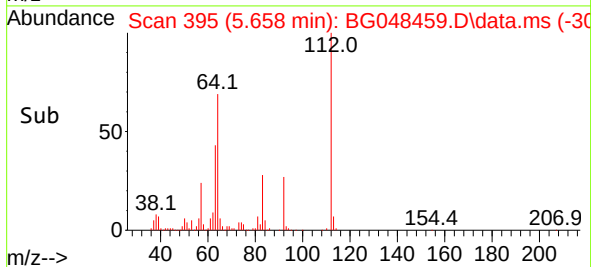
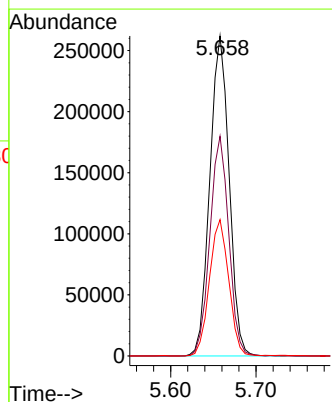
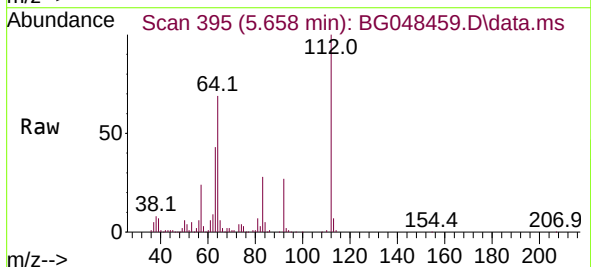
Instrument :
BNA_G
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

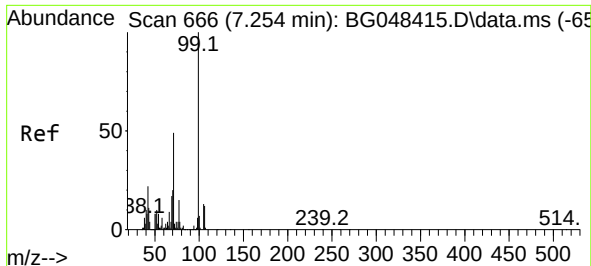
Tgt Ion:152 Resp: 59949
Ion Ratio Lower Upper
152 100
150 140.4 125.0 187.6
115 54.9 41.8 62.6



#5
2-Fluorophenol
Concen: 113.51 ng
RT: 5.658 min Scan# 395
Delta R.T. 0.011 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:112 Resp: 411485
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 42.6 22.8 34.2#

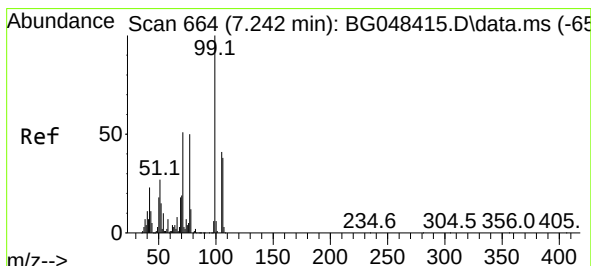
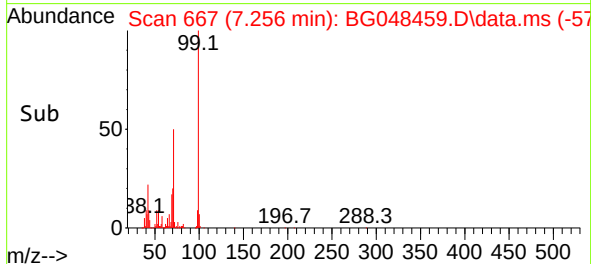
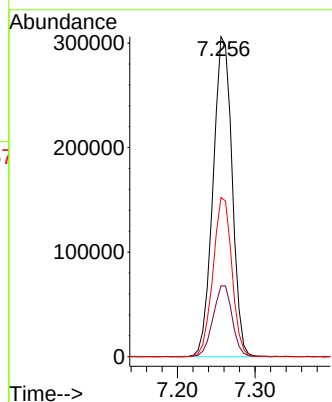
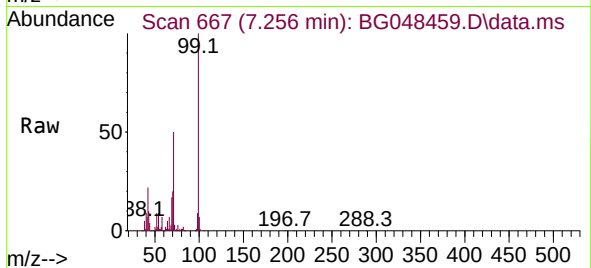




#7
Phenol-d6
Concen: 99.04 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.005 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

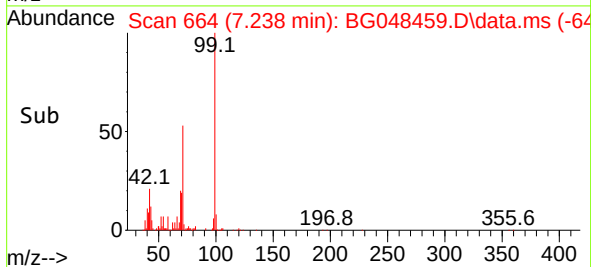
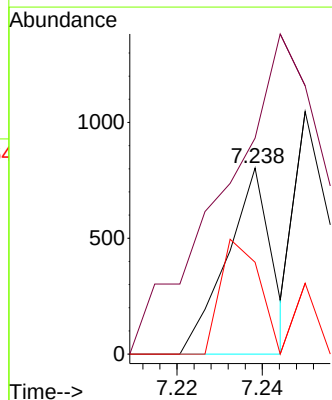
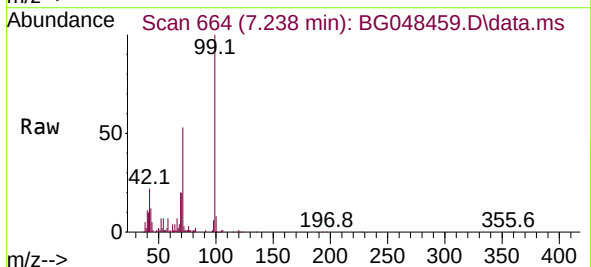
Instrument :
BNA_G
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

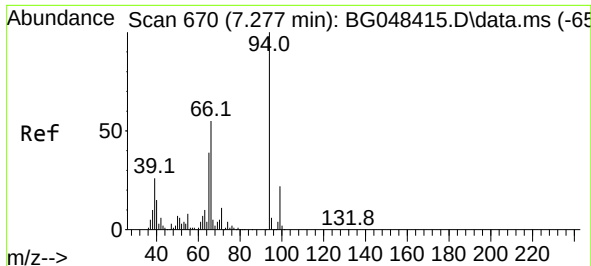
Tgt Ion: 99 Resp: 522465
Ion Ratio Lower Upper
99 100
42 22.1 12.8 19.2#
71 49.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.238 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion: 77 Resp: 590
Ion Ratio Lower Upper
77 100
105 116.1 85.9 125.9
106 49.3 80.9 120.9#

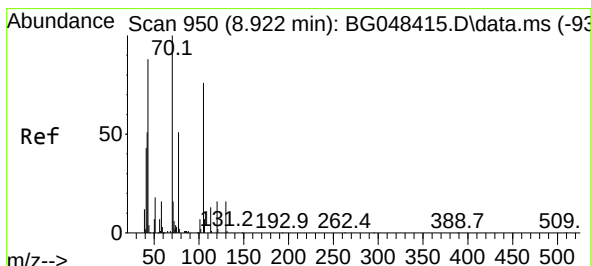
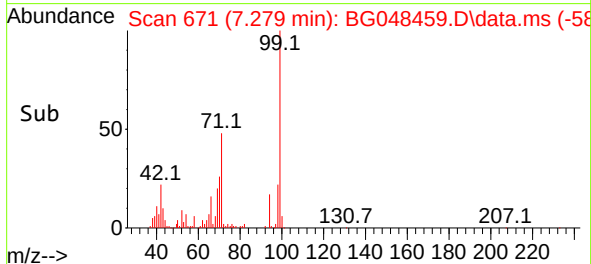
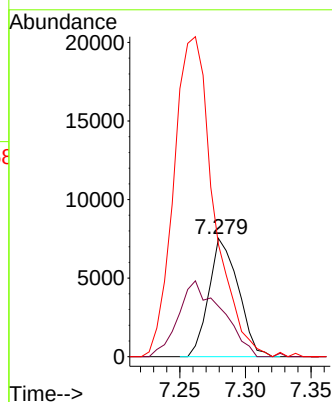
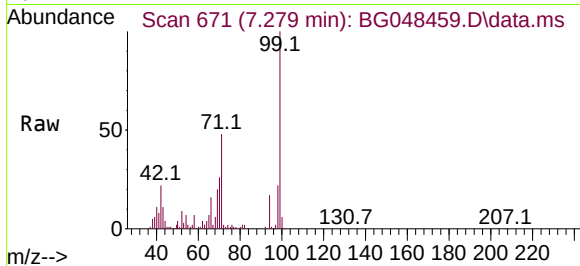




#10
Phenol
Concen: 2.17 ng
RT: 7.279 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

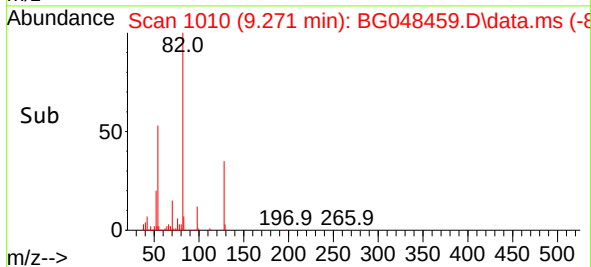
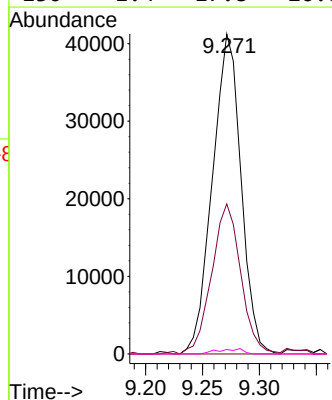
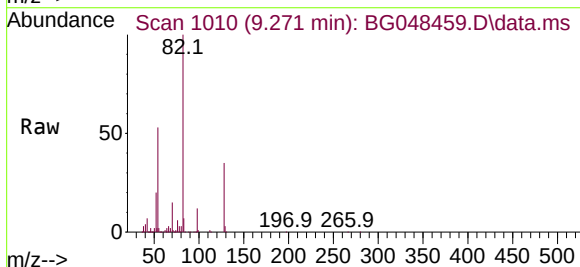
Instrument :
BNA_G
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

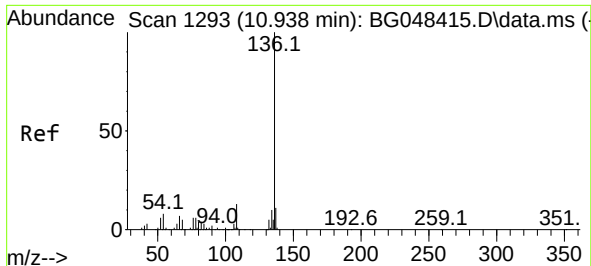
Tgt Ion: 94 Resp: 11734
Ion Ratio Lower Upper
94 100
65 42.6 6.6 46.6
66 94.8 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 18.40 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.358 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion: 70 Resp: 72063
Ion Ratio Lower Upper
70 100
42 46.9 45.6 68.4
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

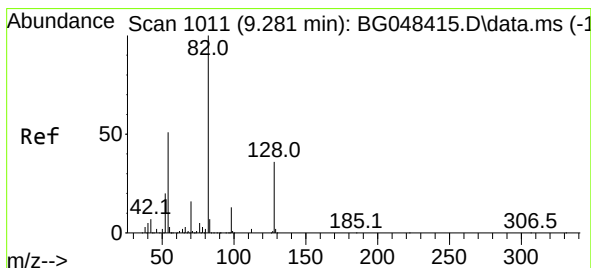
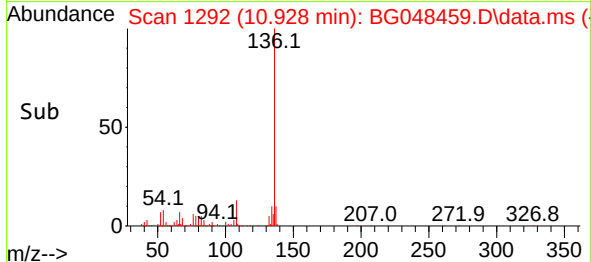
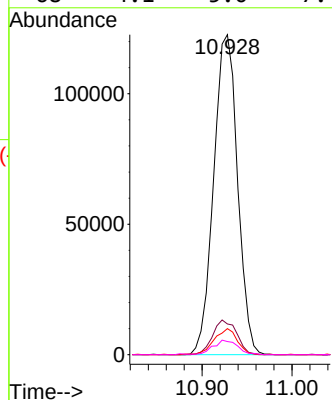
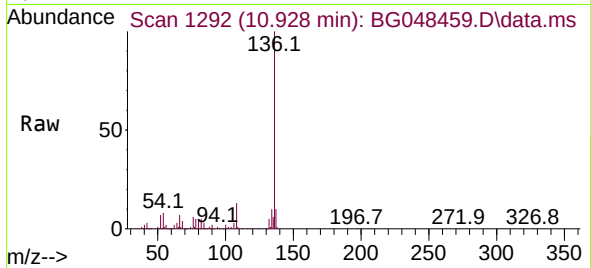




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

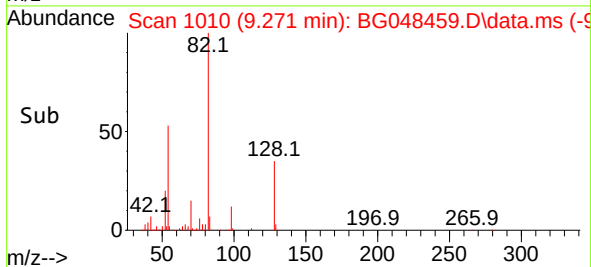
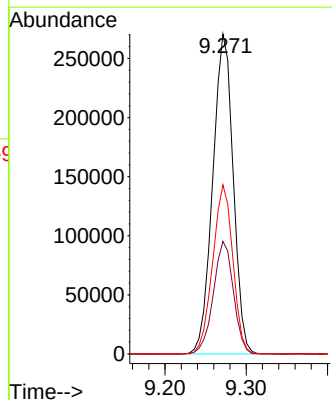
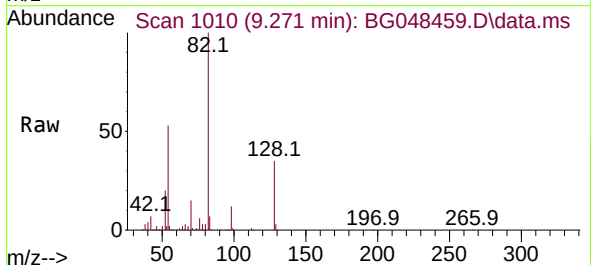
Instrument :
BNA_G
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

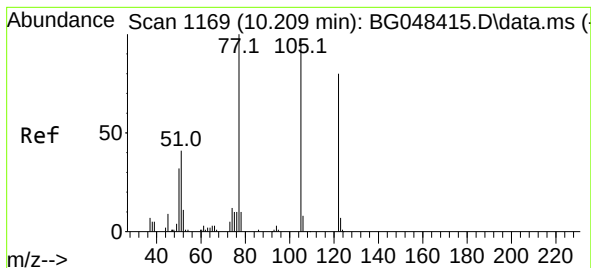
Tgt Ion:	136	Resp:	226286
Ion Ratio	Lower	Upper	
136	100		
137	9.6	9.1	13.7
54	8.1	6.2	9.4
68	4.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.69 ng
RT: 9.271 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:	82	Resp:	473628
Ion Ratio	Lower	Upper	
82	100		
128	35.2	37.0	55.6
54	52.9	39.0	58.4

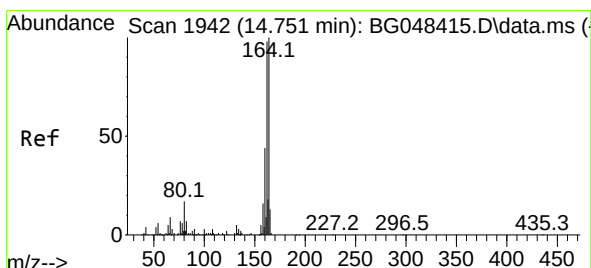
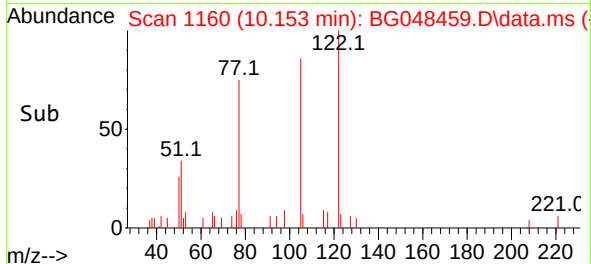
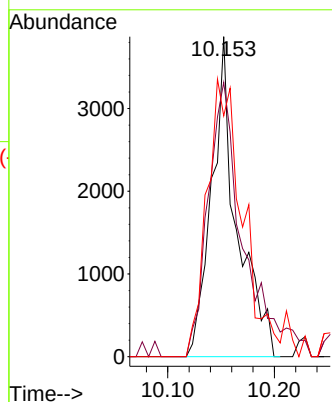
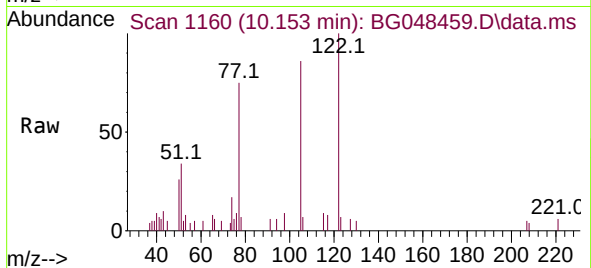




#32
Benzoic acid
Concen: 2.27 ng
RT: 10.153 min Scan# 1160
Delta R.T. -0.048 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

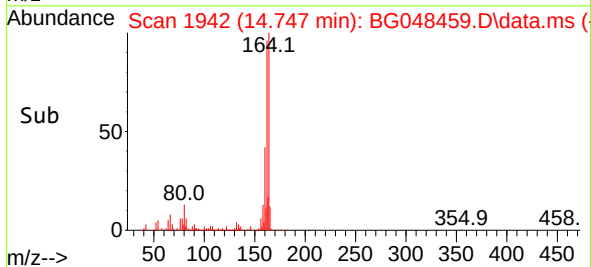
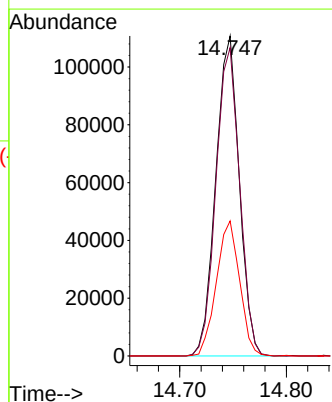
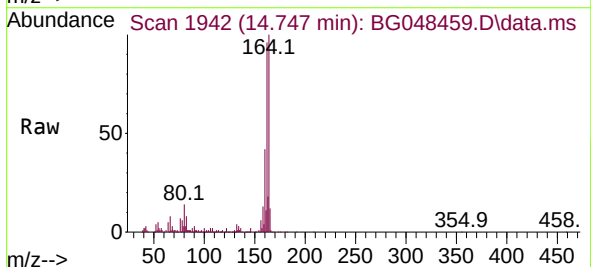
Instrument :
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ClientSampleId :
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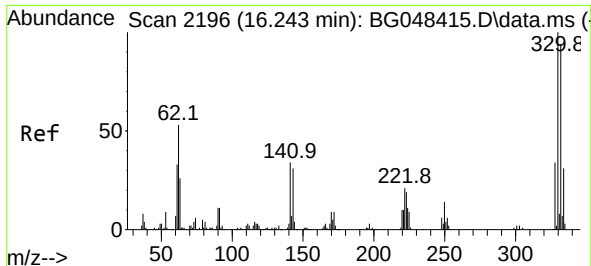
Tgt Ion:122 Resp: 6342
Ion Ratio Lower Upper
122 100
105 85.7 103.7 143.7#
77 75.3 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:164 Resp: 169016
Ion Ratio Lower Upper
164 100
162 96.4 82.3 123.5
160 42.2 35.3 52.9

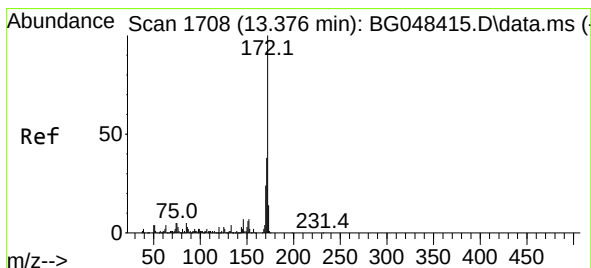
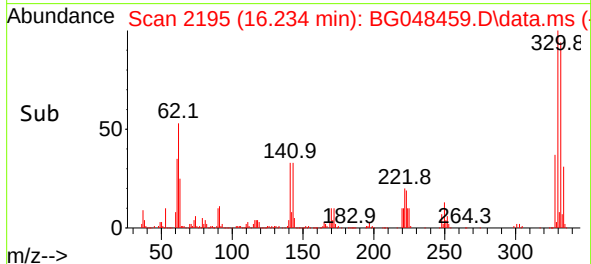
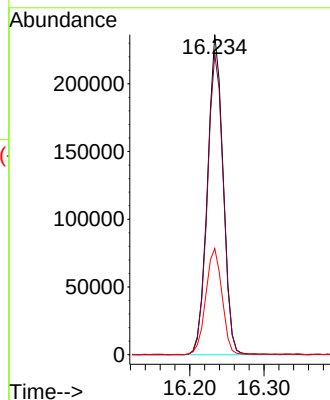
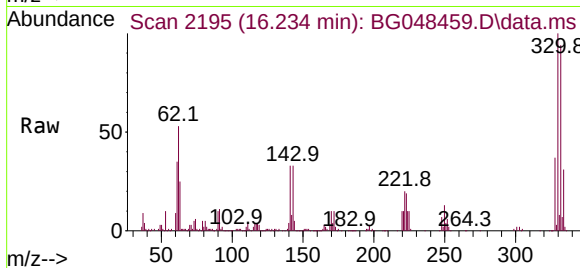




#42
2,4,6-Tribromophenol
Concen: 125.51 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

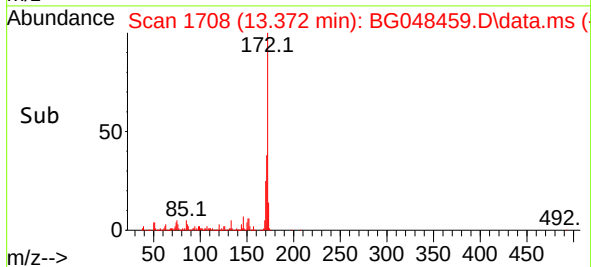
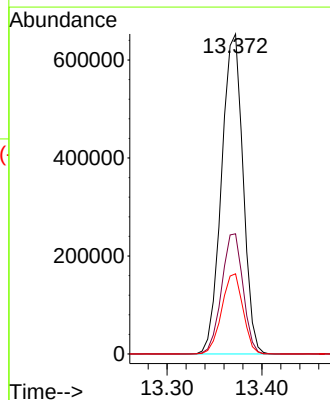
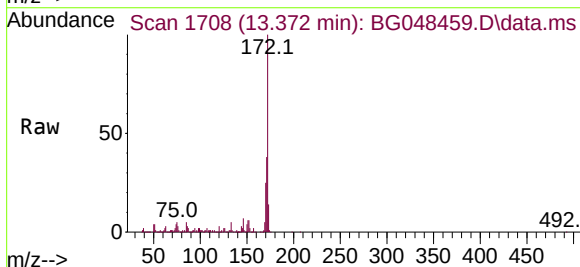
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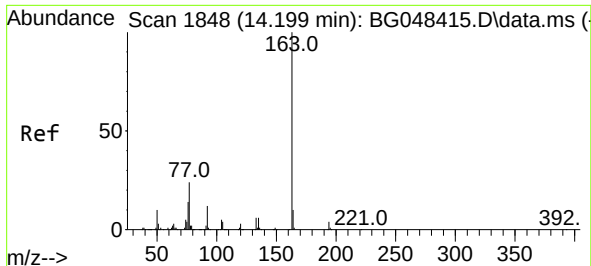
Tgt Ion:330 Resp: 344994
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 34.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 87.54 ng
RT: 13.372 min Scan# 1708
Delta R.T. 0.005 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:172 Resp: 1028517
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.0 20.8 31.2

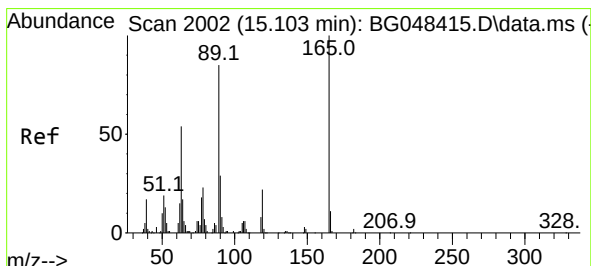
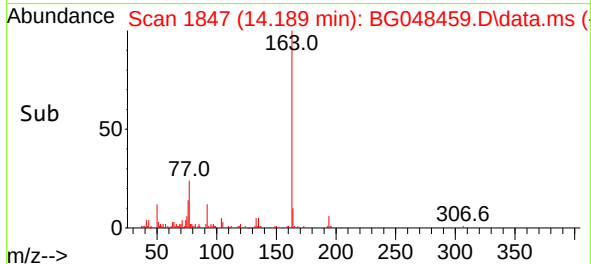
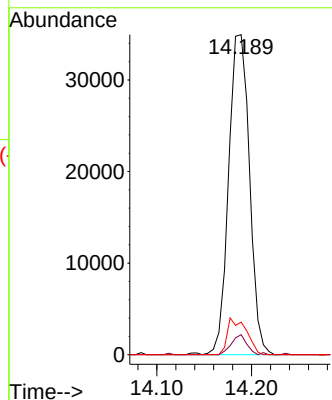
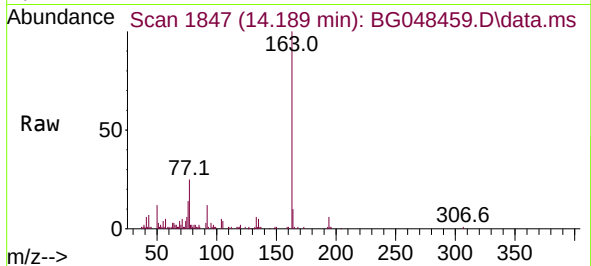




#50
Dimethylphthalate
Concen: 3.89 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.007 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

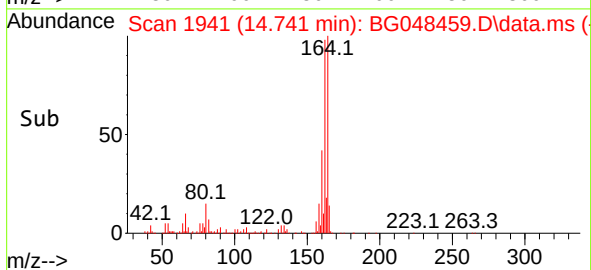
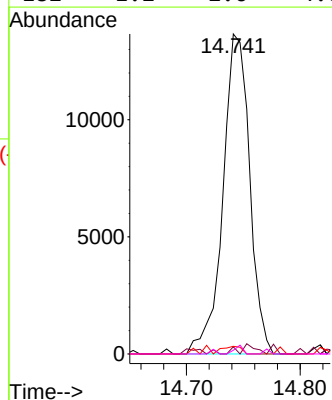
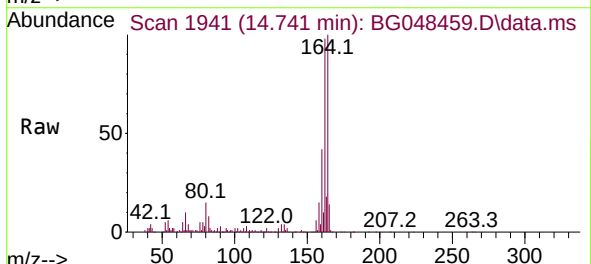
Instrument :
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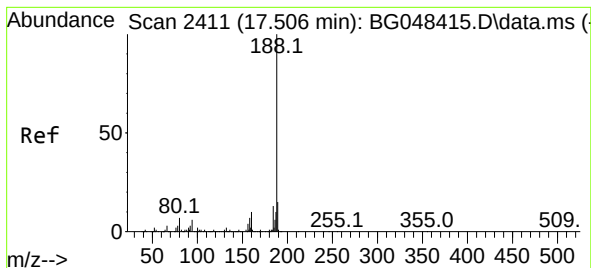
Tgt Ion:163 Resp: 53567
Ion Ratio Lower Upper
163 100
194 6.3 3.8 5.8#
164 10.1 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.31 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:165 Resp: 22302
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 2.4 47.8 71.8#
182 1.2 2.6 4.0#

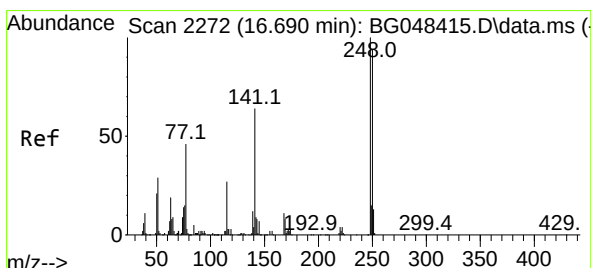
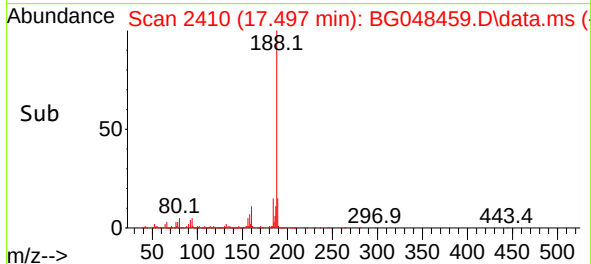
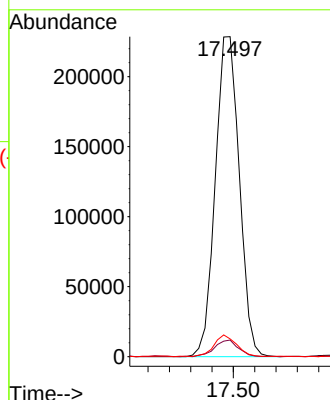
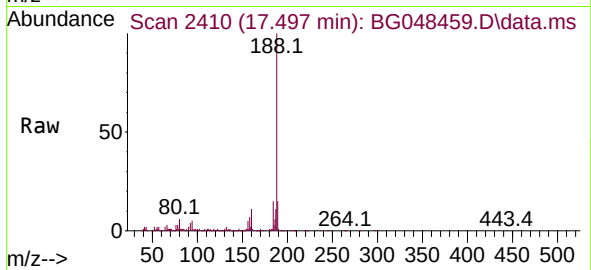




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

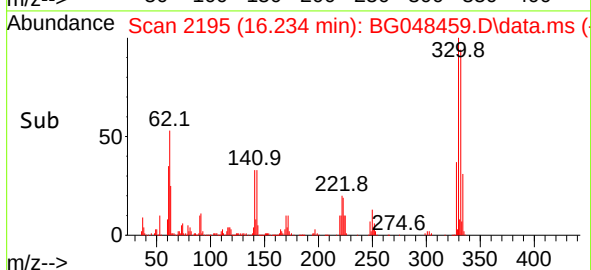
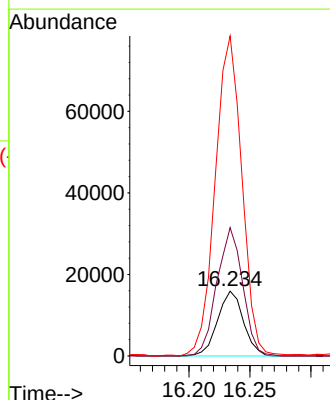
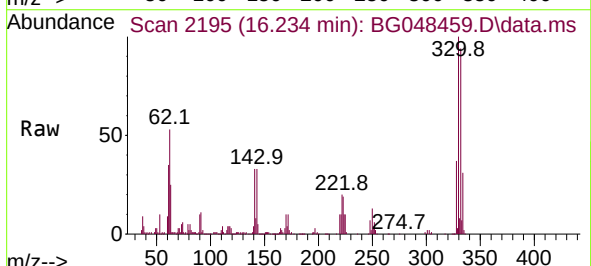
Instrument :
BNA_G
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

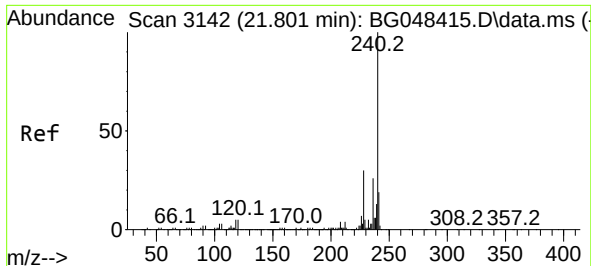
Tgt Ion:188 Resp: 356763
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 5.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:248 Resp: 23395
Ion Ratio Lower Upper
248 100
250 197.8 78.9 118.3#
141 493.2 46.2 69.4#

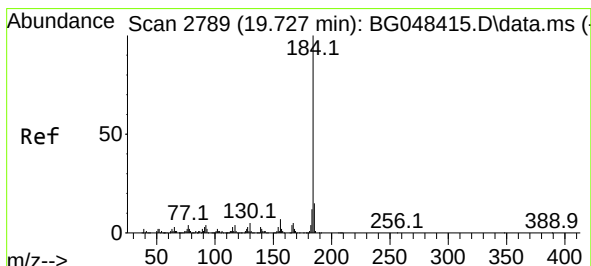
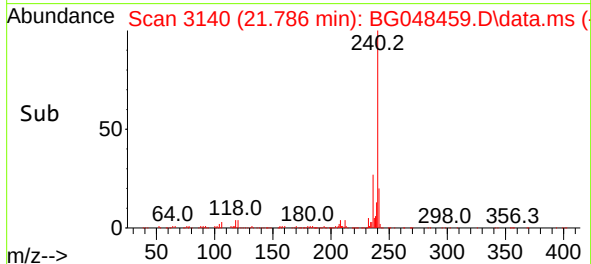
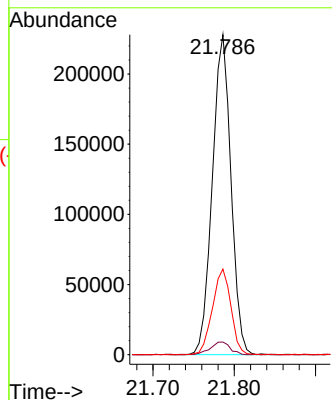
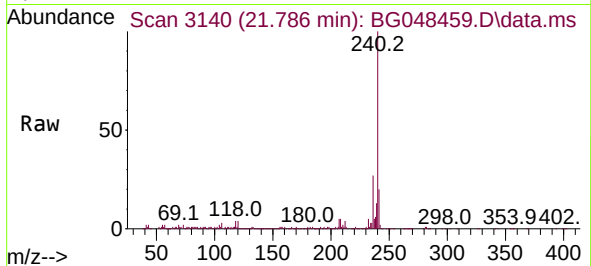




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.007 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

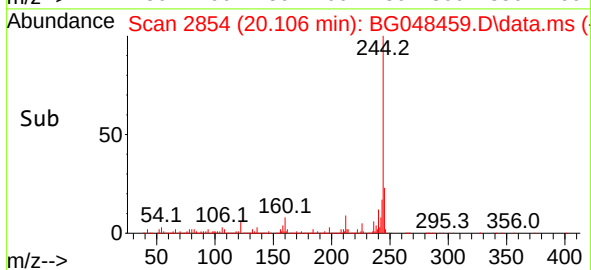
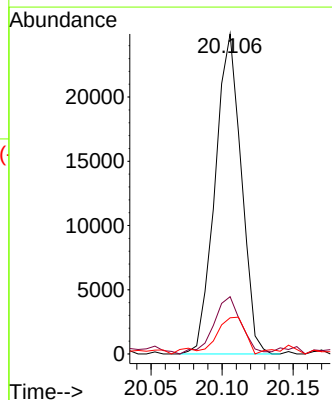
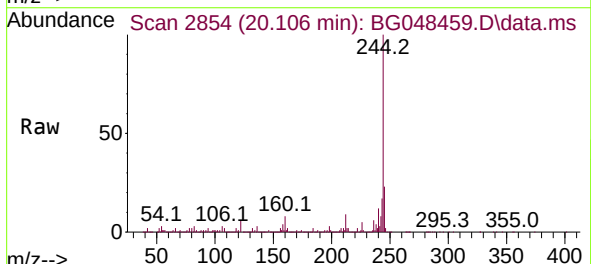
Instrument :
BNA_G
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

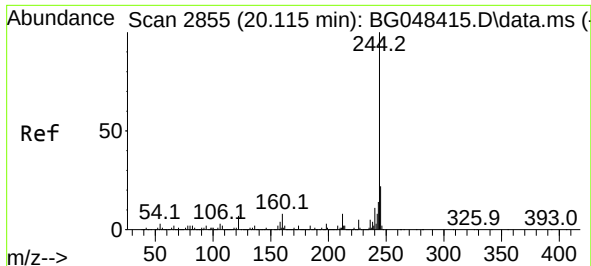
Tgt Ion:240 Resp: 362668
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 26.8 20.5 30.7



#77
Benzidine
Concen: 2.94 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.381 min
Lab File: BG048459.D
Acq: 23 Mar 2021 1:59

Tgt Ion:184 Resp: 31918
Ion Ratio Lower Upper
184 100
185 17.9 12.4 18.6
183 11.3 10.6 15.8

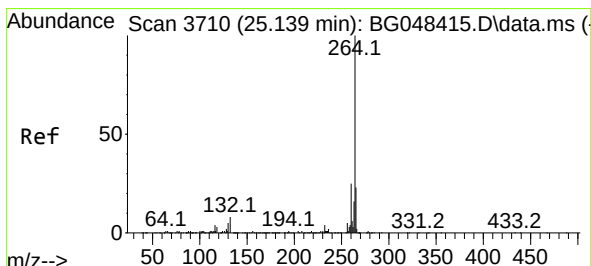
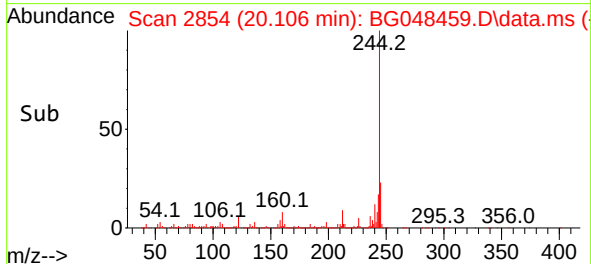
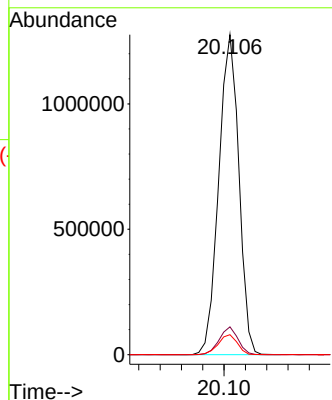
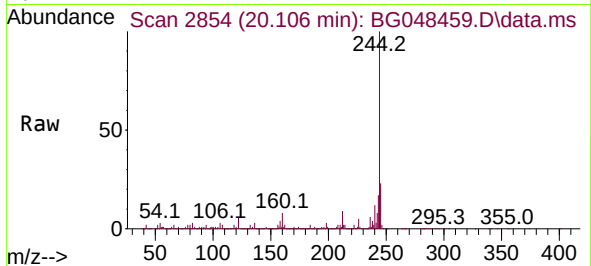




#79
 Terphenyl-d14
 Concen: 82.87 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048459.D
 Acq: 23 Mar 2021 1:59

Instrument :
 BNA_G
 ClientSampleId :
 NEW-BLOCK-FLOOR-PAT

Tgt Ion:244 Resp: 1666454
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 6.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.117 min Scan# 3707
 Delta R.T. -0.007 min
 Lab File: BG048459.D
 Acq: 23 Mar 2021 1:59

Tgt Ion:264 Resp: 364933
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.8 28.2
 265 22.6 17.8 26.8

