

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048062.D
 Acq On : 28 Jan 2021 17:45
 Operator : CG/JU
 Sample : M1250-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-CONTAINMENT

Quant Time: Jan 28 23:32:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

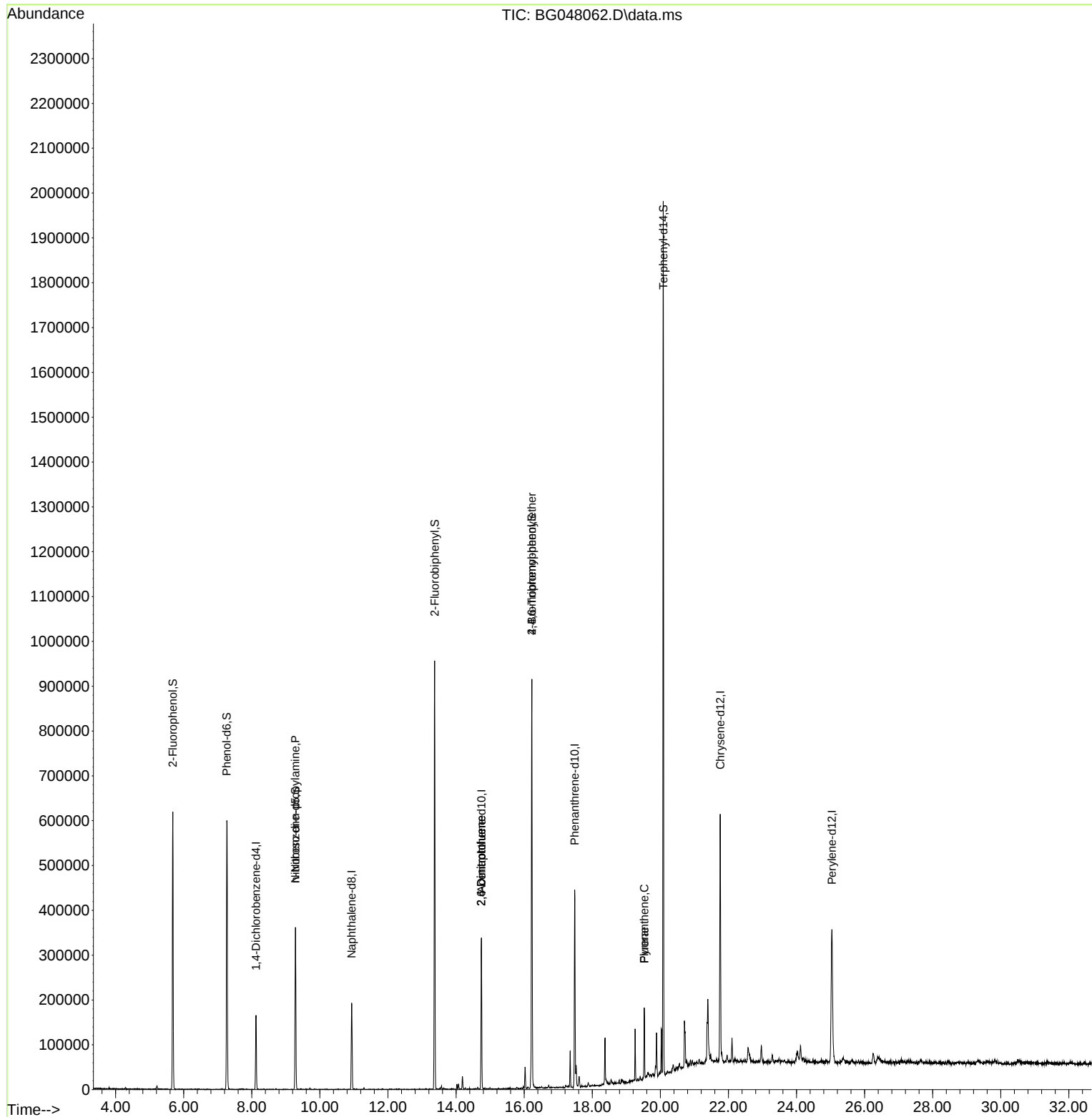
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	44504	20.00	ng	0.00
21) Naphthalene-d8	10.932	136	164901	20.00	ng	-0.02
39) Acenaphthene-d10	14.745	164	112868	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	285493	20.00	ng	-0.02
76) Chrysene-d12	21.760	240	336123	20.00	ng	#-0.02
86) Perylene-d12	25.039	264	347112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	245683	84.84	ng	0.00
7) Phenol-d6	7.265	99	331076	75.20	ng	-0.02
23) Nitrobenzene-d5	9.281	82	225199	54.04	ng	-0.02
42) 2,4,6-Tribromophenol	16.225	330	177047	94.18	ng	-0.02
45) 2-Fluorobiphenyl	13.370	172	487456	55.84	ng	-0.02
79) Terphenyl-d14	20.086	244	872879	45.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	32891	10.24	ng	# 77
51) 2,6-Dinitrotoluene	14.739	165	14602	6.88	ng	# 34
57) 2,4-Dinitrotoluene	14.739	165	14602	4.76	ng	# 33
67) 4-Bromophenyl-phenylether	16.225	248	12187	3.19	ng	# 1
75) Fluoranthene	19.527	202	94612	4.38	ng	96
78) Pyrene	19.527	202	94612	3.84	ng	97

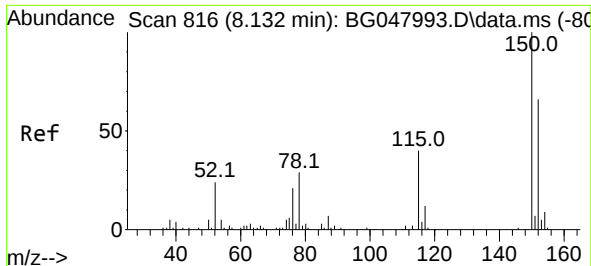
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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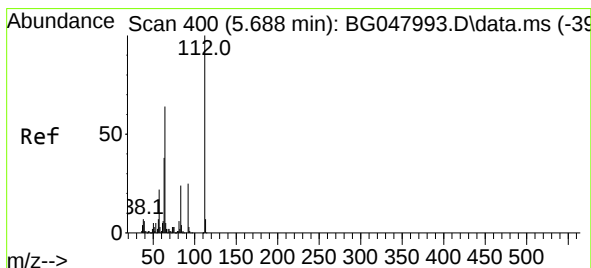
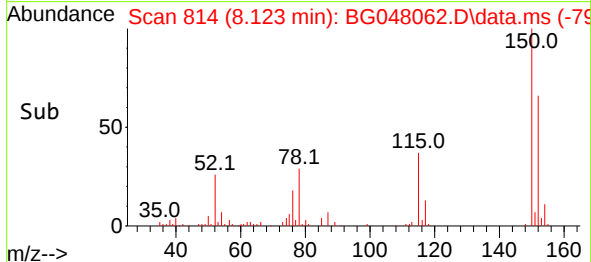
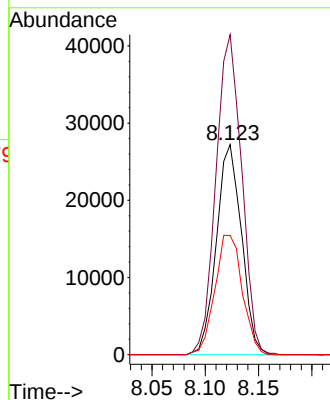
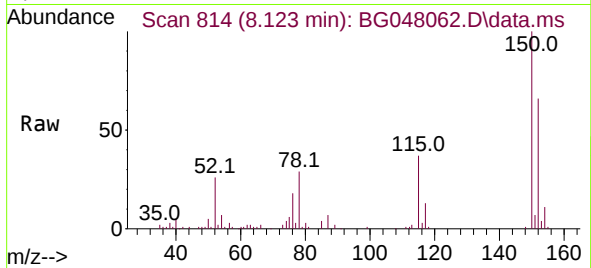




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 814
Delta R.T. -0.009 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

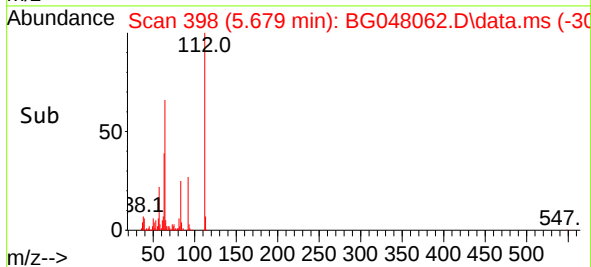
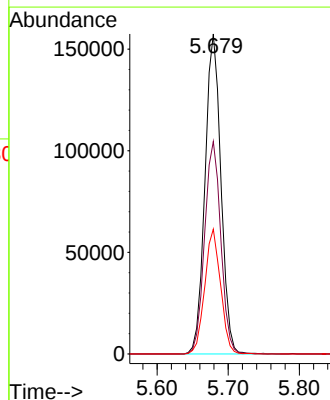
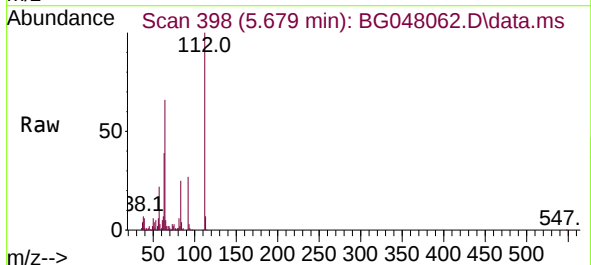
Instrument :
BNA_G
ClientSampleId :
T1-CONTAINMENT

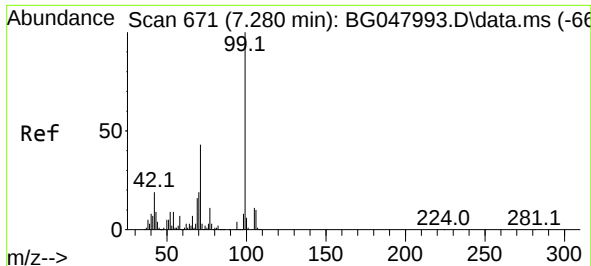
Tgt Ion:152 Resp: 44504
Ion Ratio Lower Upper
152 100
150 152.4 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 84.84 ng
RT: 5.679 min Scan# 398
Delta R.T. -0.009 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion:112 Resp: 245683
Ion Ratio Lower Upper
112 100
64 66.4 46.7 70.1
63 39.0 22.8 34.2#

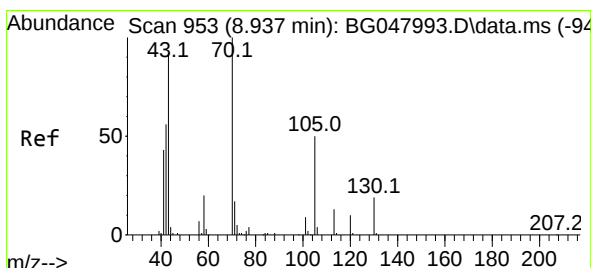
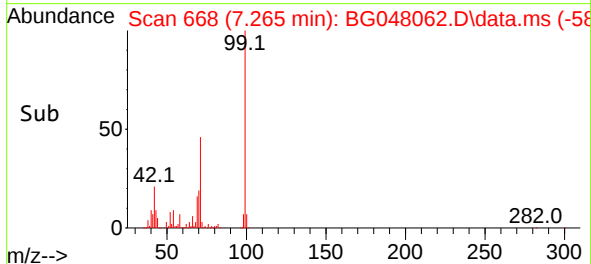
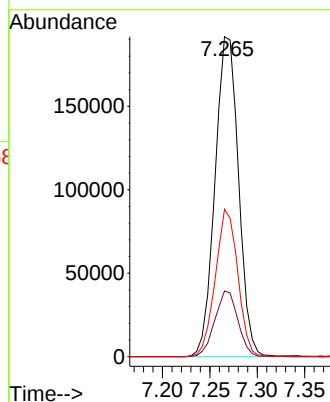
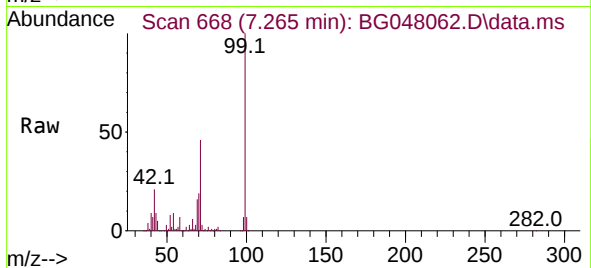




#7
Phenol-d6
Concen: 75.20 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

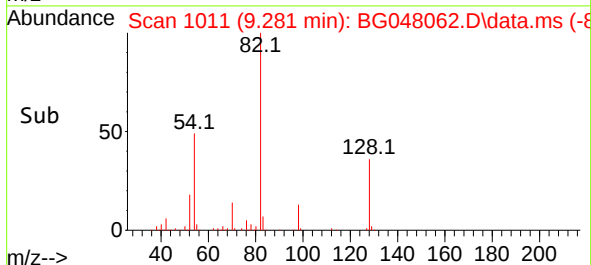
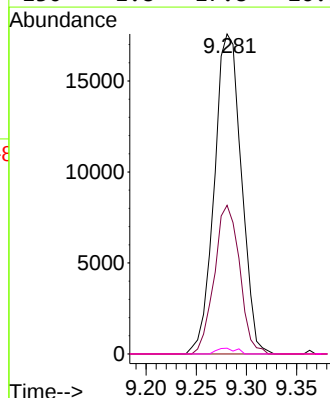
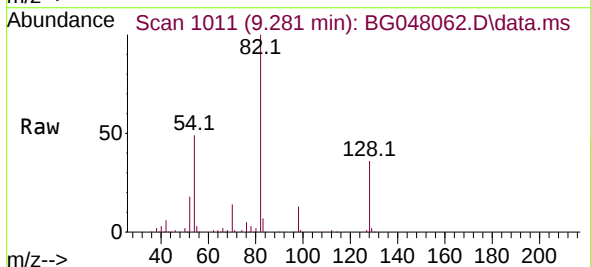
Instrument :
BNA_G
ClientSampleId :
T1-CONTAINMENT

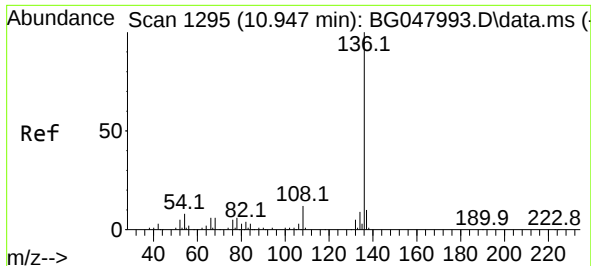
Tgt Ion: 99 Resp: 331076
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 46.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.24 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.343 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion: 70 Resp: 32891
Ion Ratio Lower Upper
70 100
42 46.5 45.6 68.4
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#

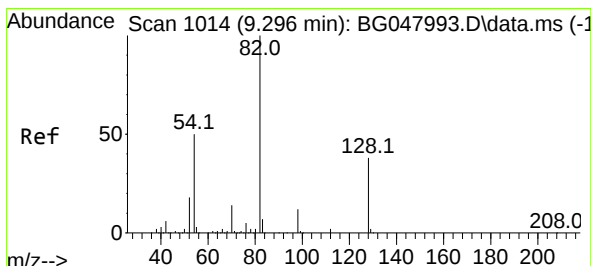
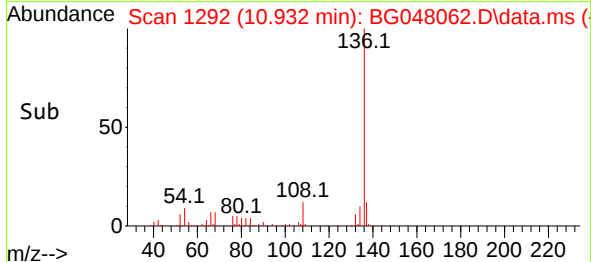
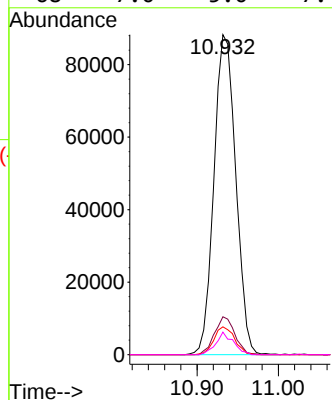
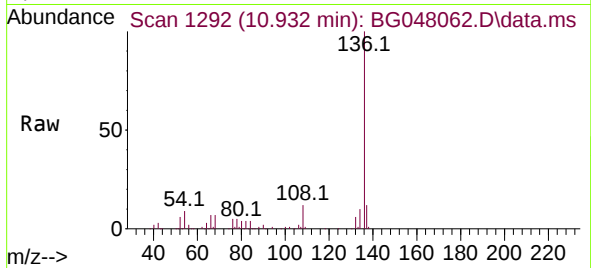




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1292
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

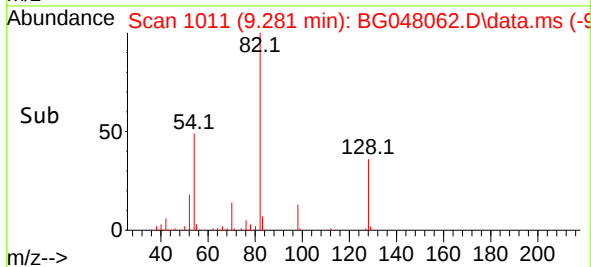
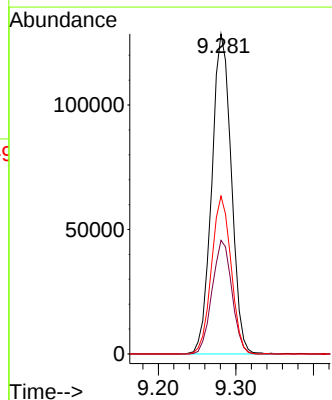
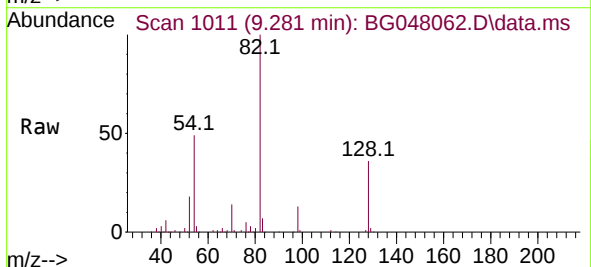
Instrument :
BNA_G
ClientSampleId :
T1-CONTAINMENT

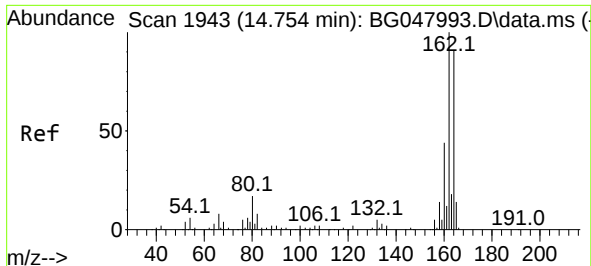
Tgt Ion:136	Resp: 164901
Ion Ratio	Lower Upper
136 100	
137 11.9	9.1 13.7
54 8.7	6.2 9.4
68 7.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 54.04 ng
RT: 9.281 min Scan# 1011
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion: 82	Resp: 225199
Ion Ratio	Lower Upper
82 100	
128 35.5	37.0 55.6#
54 49.3	39.0 58.4

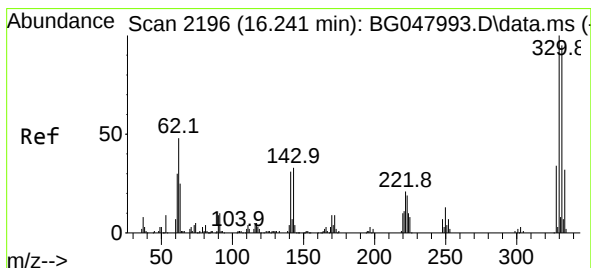
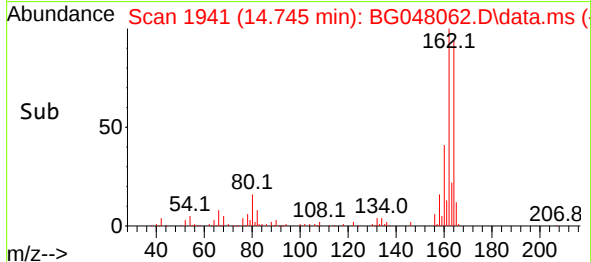
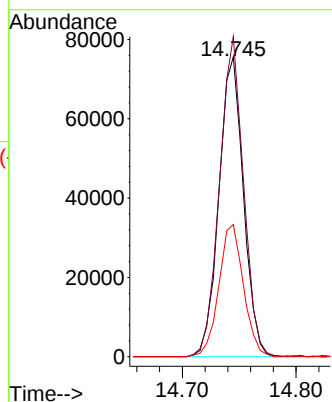
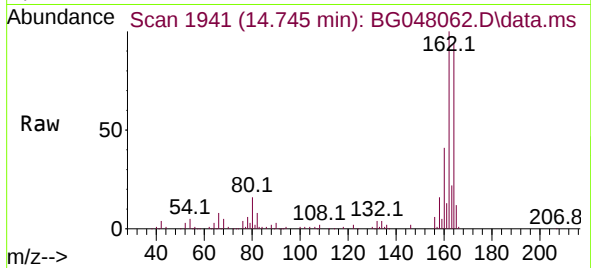




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

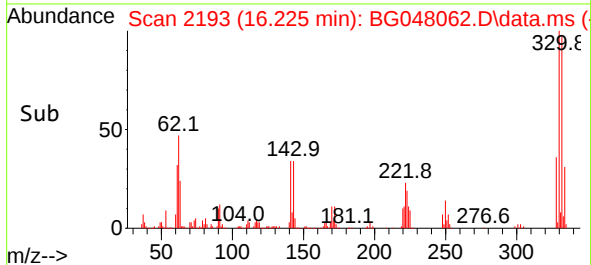
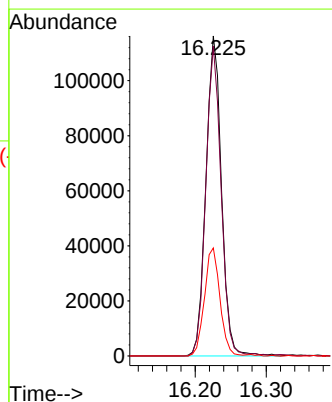
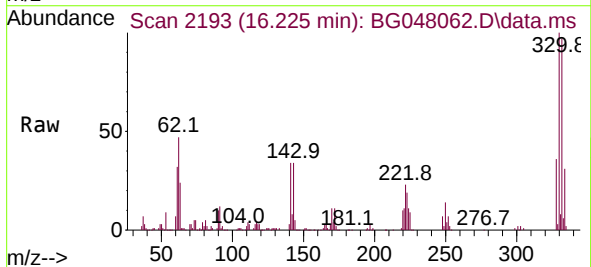
Instrument :
BNA_G
ClientSampleId :
T1-CONTAINMENT

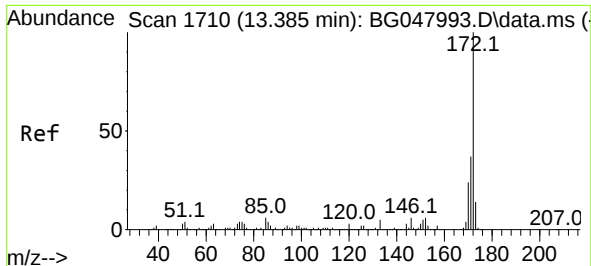
Tgt Ion:164 Resp: 112868
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 44.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 94.18 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

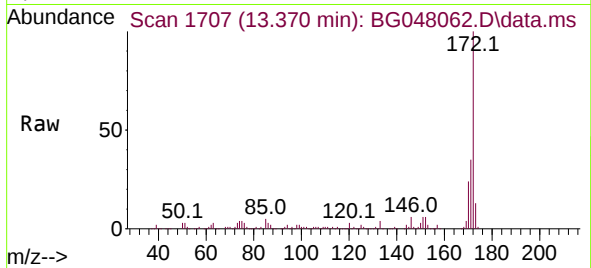
Tgt Ion:330 Resp: 177047
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 33.6 26.0 39.0



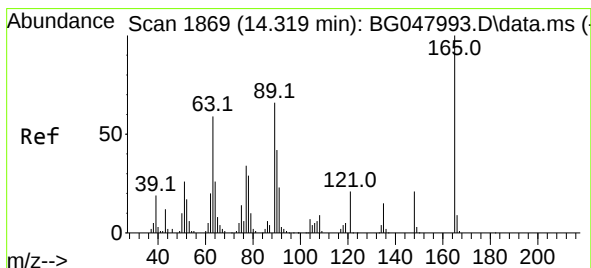
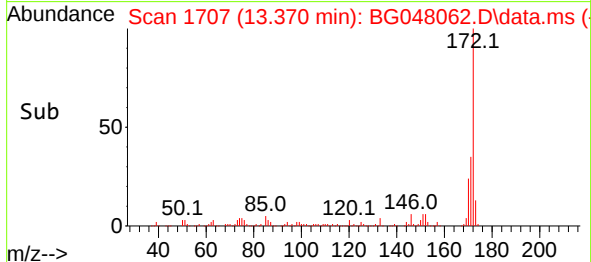
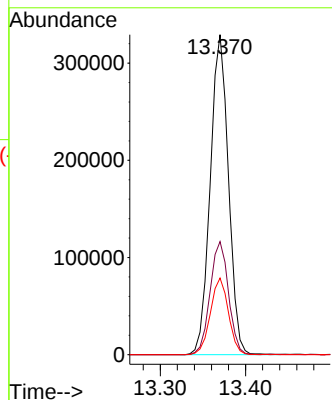


#45
2-Fluorobiphenyl
Concen: 55.84 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Instrument :
BNA_G
ClientSampleId :
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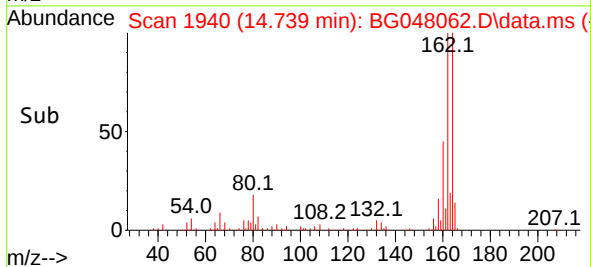
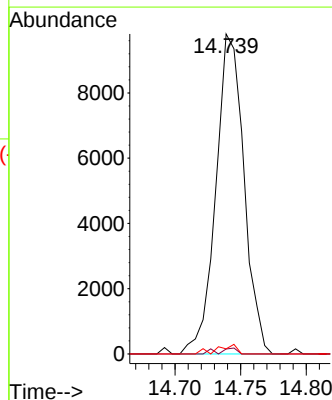
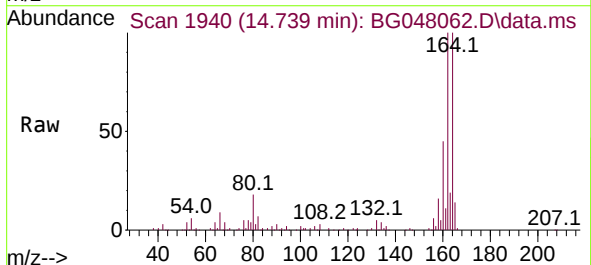


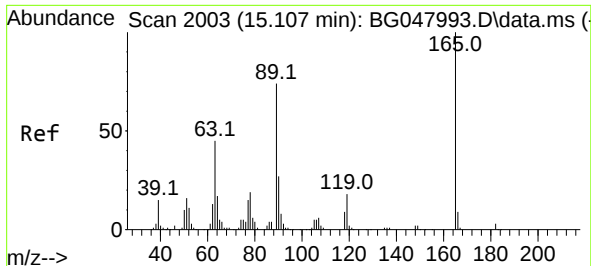
Tgt Ion:172 Resp: 487456
Ion Ratio Lower Upper
172 100
171 35.4 31.3 46.9
170 23.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.88 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.420 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion:165 Resp: 14602
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 1.6 36.6 54.8#

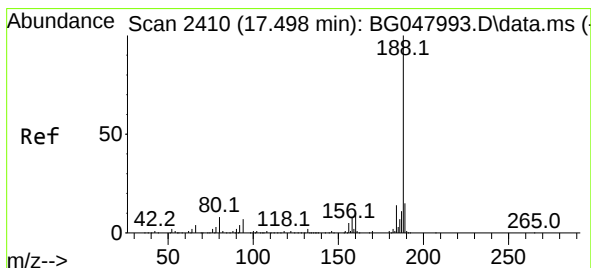
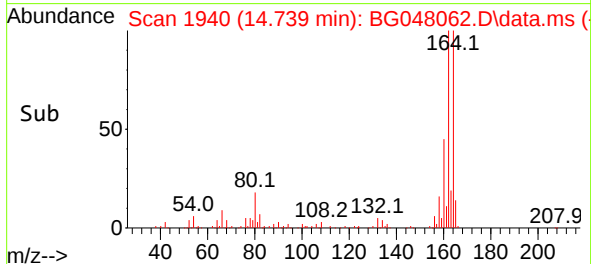
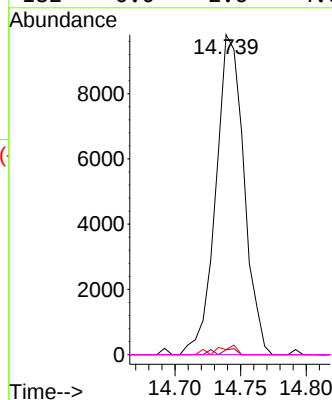
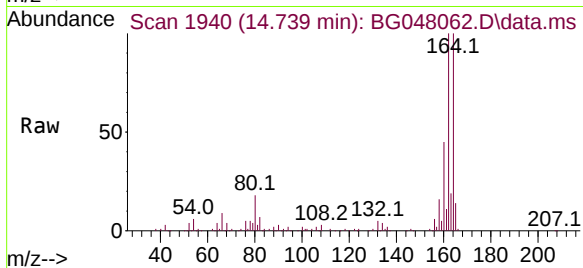




#57
2,4-Dinitrotoluene
Concen: 4.76 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.368 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

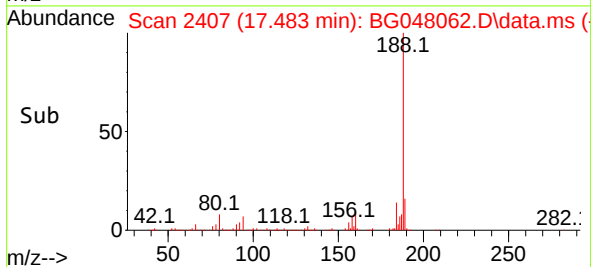
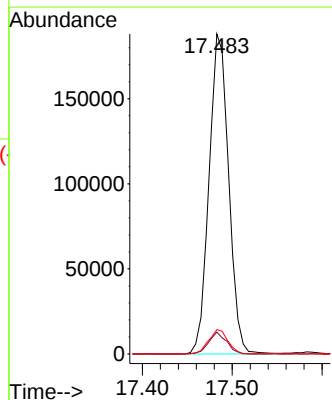
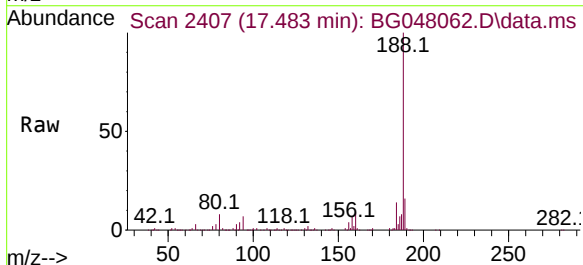
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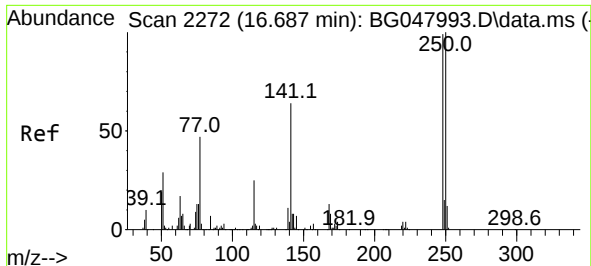
Tgt Ion:165 Resp: 14602
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion:188 Resp: 285493
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.6 7.0 10.6

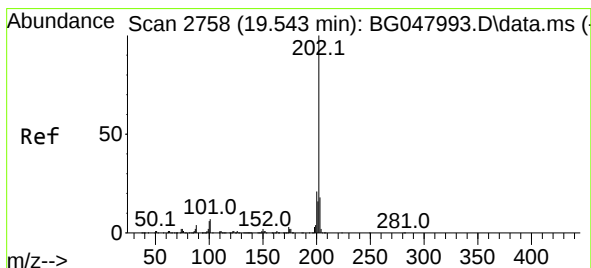
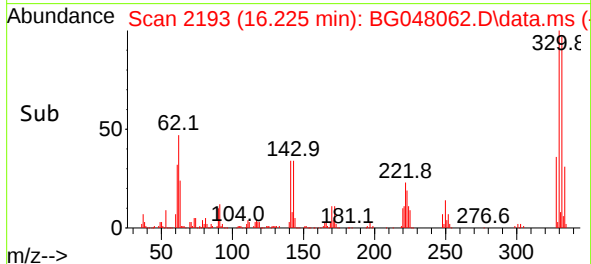
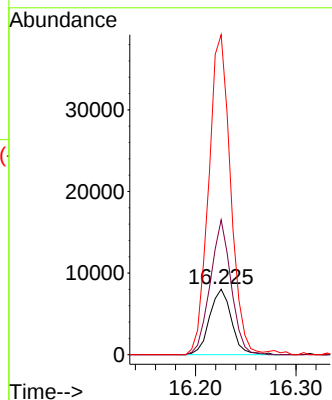
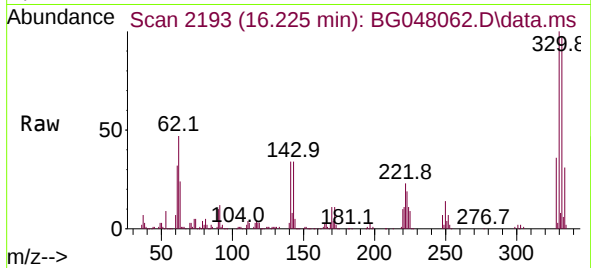




#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.462 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

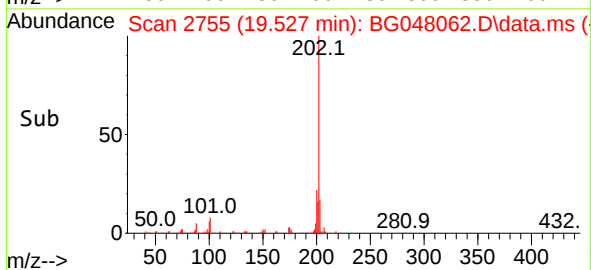
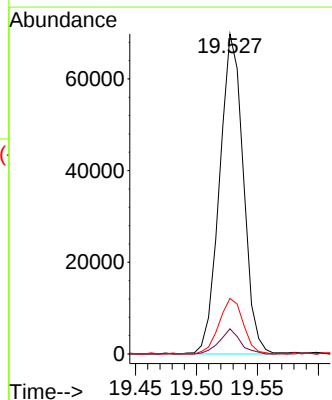
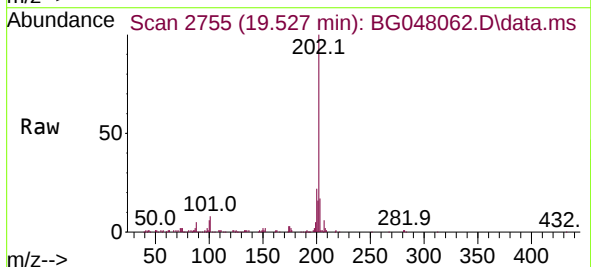
Instrument :
BNA_G
ClientSampled :
T1-CONTAINMENT

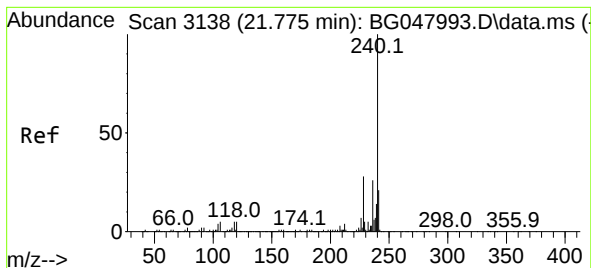
Tgt Ion:248 Resp: 12187
Ion Ratio Lower Upper
248 100
250 206.1 78.9 118.3#
141 488.8 46.2 69.4#



#75
Fluoranthene
Concen: 4.38 ng
RT: 19.527 min Scan# 2755
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion:202 Resp: 94612
Ion Ratio Lower Upper
202 100
101 7.9 0.0 29.7
203 17.3 0.0 39.2

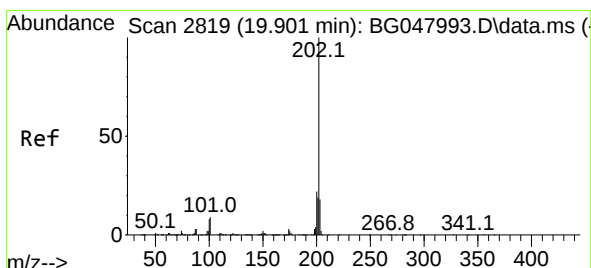
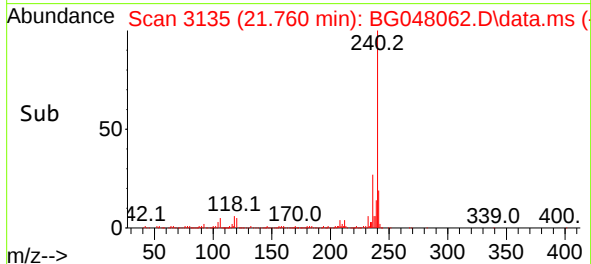
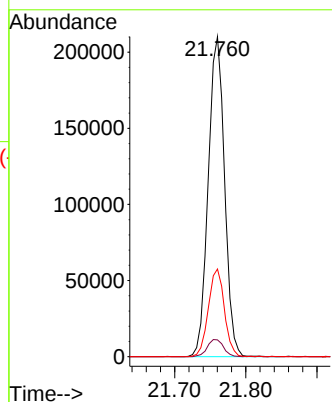
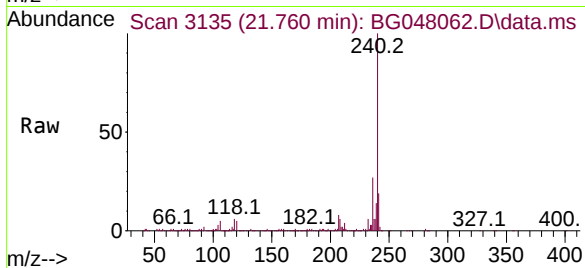




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.760 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

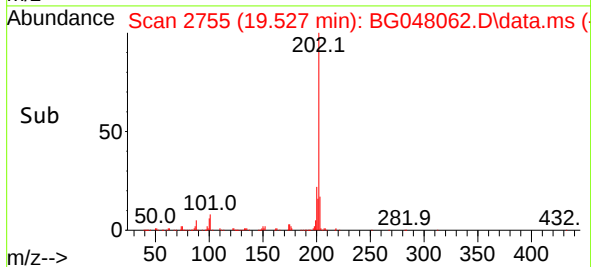
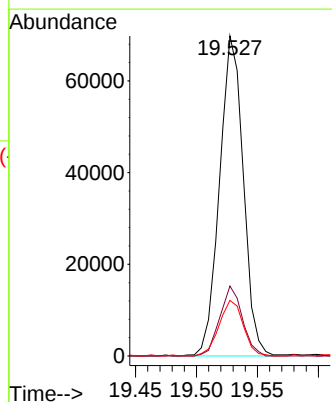
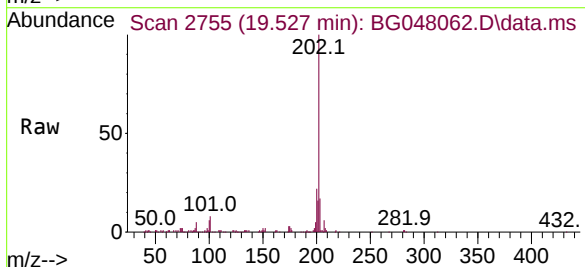
Instrument :
BNA_G
ClientSampleId :
T1-CONTAINMENT

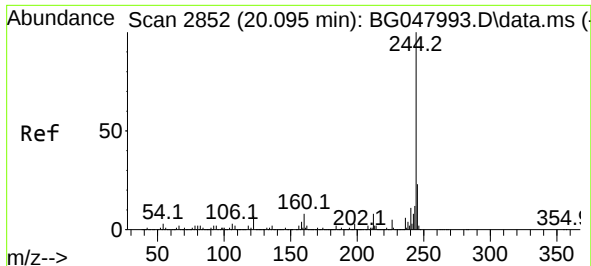
Tgt Ion:240 Resp: 336123
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 27.4 20.5 30.7



#78
Pyrene
Concen: 3.84 ng
RT: 19.527 min Scan# 2755
Delta R.T. -0.373 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion:202 Resp: 94612
Ion Ratio Lower Upper
202 100
200 21.8 18.6 27.8
203 17.3 15.3 22.9

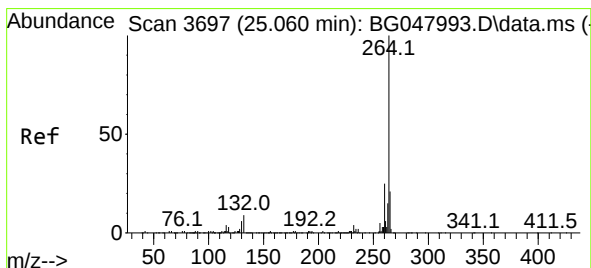
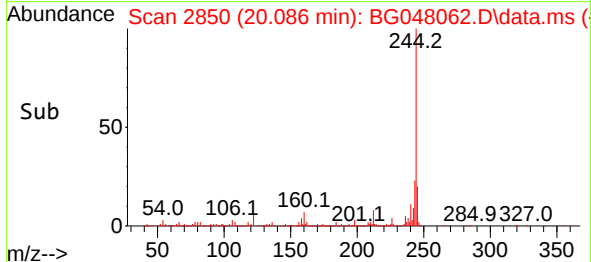
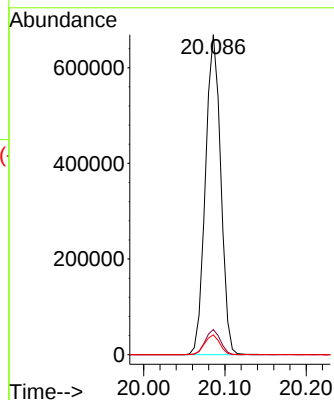
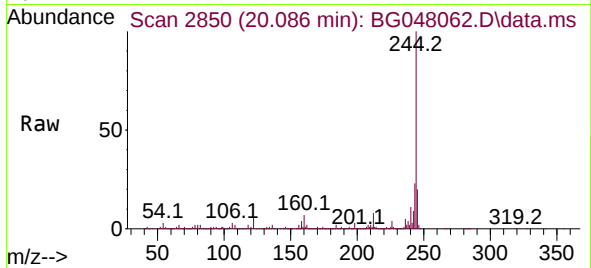




#79
Terphenyl-d14
Concen: 45.03 ng
RT: 20.086 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Instrument :
BNA_G
ClientSampleId :
T1-CONTAINMENT

Tgt Ion:244 Resp: 872879
Ion Ratio Lower Upper
244 100
212 7.8 6.7 10.1
122 6.2 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.039 min Scan# 3693
Delta R.T. -0.021 min
Lab File: BG048062.D
Acq: 28 Jan 2021 17:45

Tgt Ion:264 Resp: 347112
Ion Ratio Lower Upper
264 100
260 22.5 18.8 28.2
265 22.3 17.8 26.8

