

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048107.D
 Acq On : 4 Feb 2021 1:40
 Operator : CG/JU
 Sample : M1291-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-008-1015

Quant Time: Feb 04 02:16:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

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

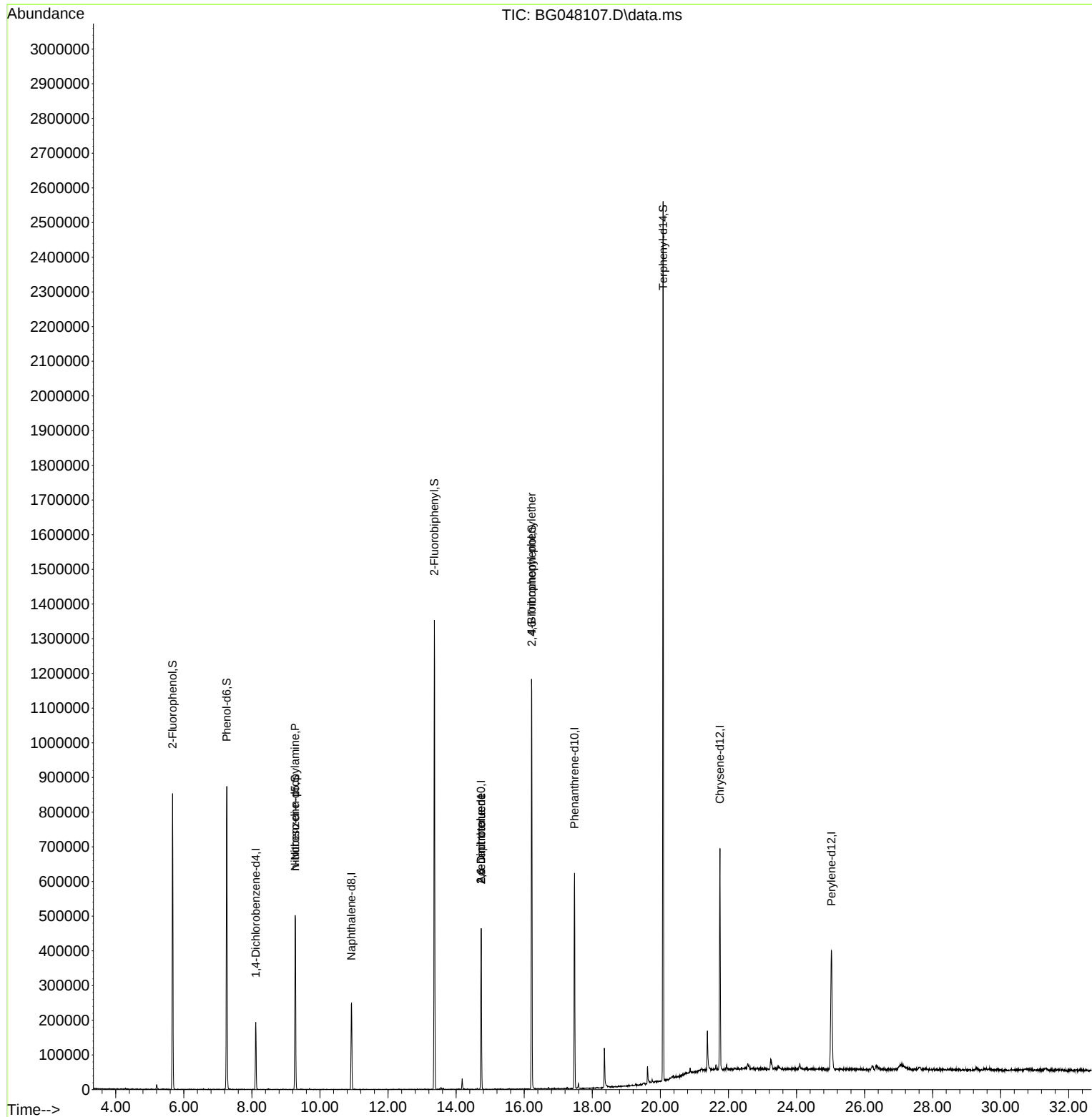
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	54020	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	209718	20.00	ng	-0.01
39) Acenaphthene-d10	14.736	164	158358	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	389577	20.00	ng	# 0.00
76) Chrysene-d12	21.752	240	392585	20.00	ng	#-0.01
86) Perylene-d12	25.024	264	390622	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	329273	93.68	ng	0.00
7) Phenol-d6	7.263	99	451744	84.53	ng	0.00
23) Nitrobenzene-d5	9.272	82	312770	59.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	231726	87.86	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	691054	56.42	ng	0.00
79) Terphenyl-d14	20.083	244	1121890	49.55	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.272	70	45269	11.61	ng	# 82
51) 2,6-Dinitrotoluene	14.736	165	19450	6.53	ng	# 34
57) 2,4-Dinitrotoluene	14.736	165	19450	4.52	ng	# 33
67) 4-Bromophenyl-phenylether	16.217	248	17299	3.32	ng	# 1

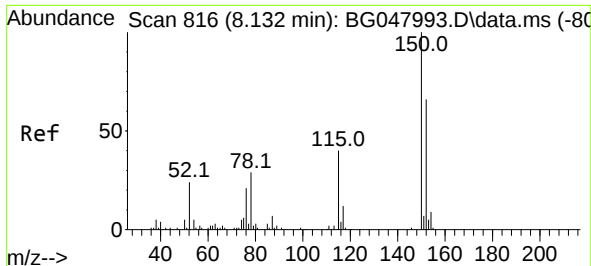
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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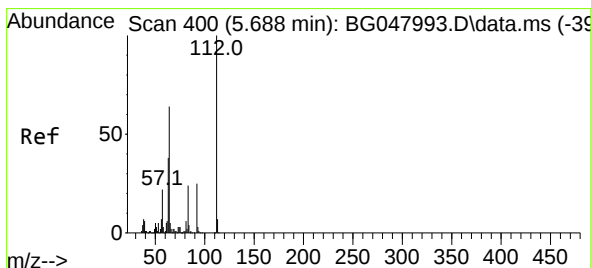
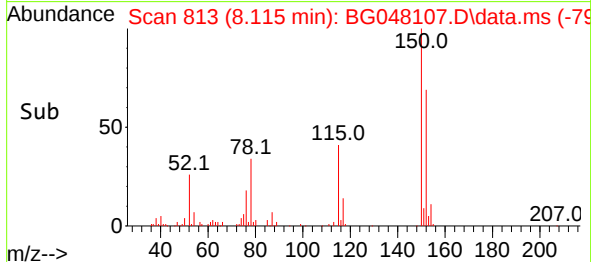
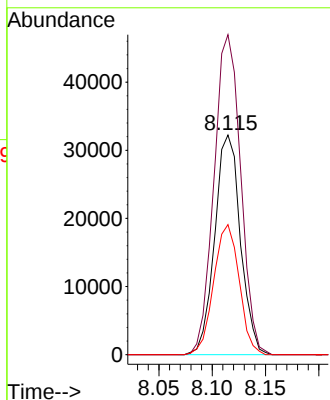
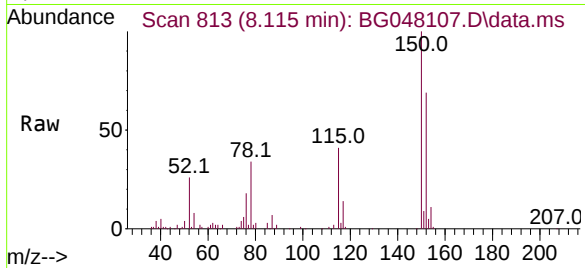




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

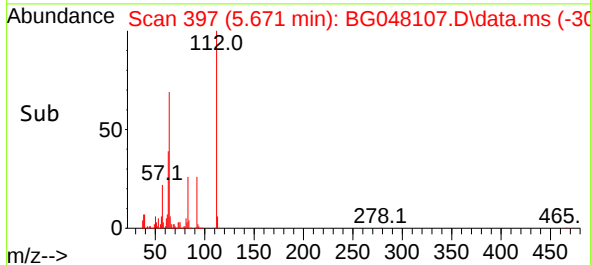
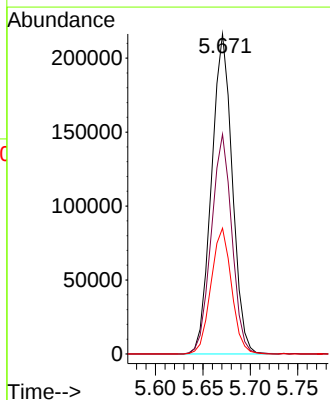
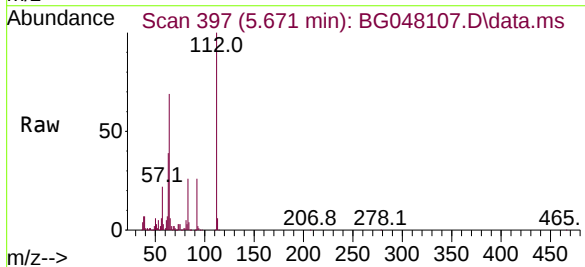
Instrument :
BNA_G
ClientSampleId :
OU421-008-1015

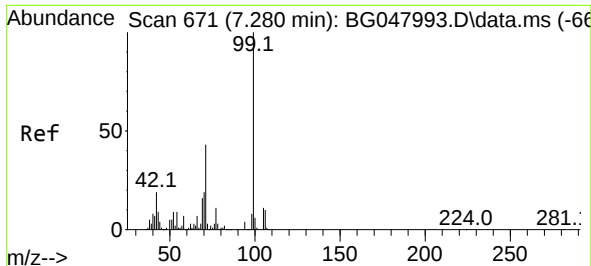
Tgt Ion:152 Resp: 54020
Ion Ratio Lower Upper
152 100
150 145.6 125.0 187.6
115 59.2 41.8 62.6



#5
2-Fluorophenol
Concen: 93.68 ng
RT: 5.671 min Scan# 397
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Tgt Ion:112 Resp: 329273
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 39.3 22.8 34.2#

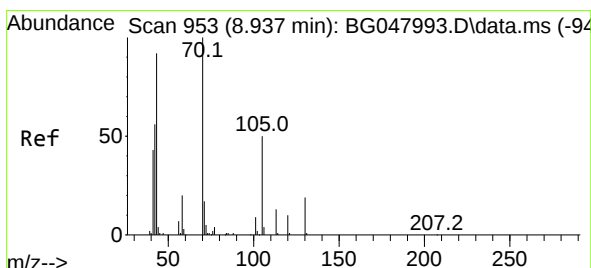
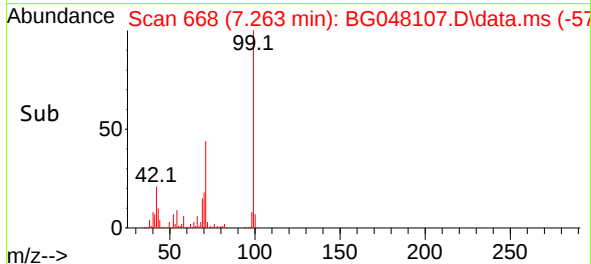
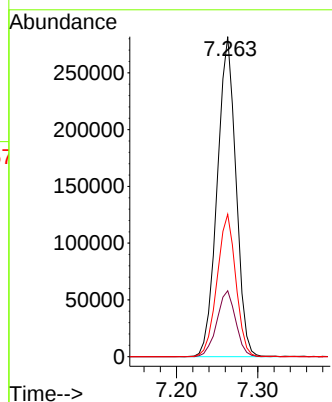
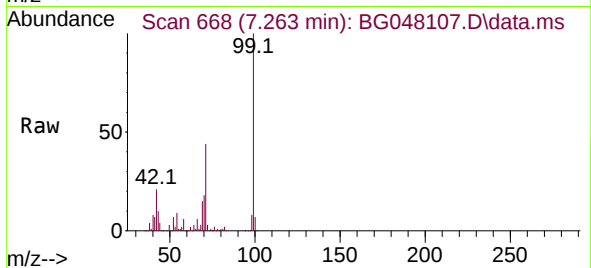




#7
Phenol-d6
Concen: 84.53 ng
RT: 7.263 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

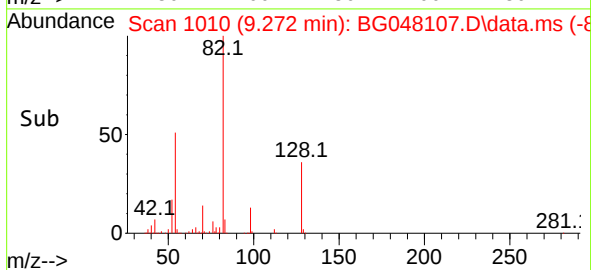
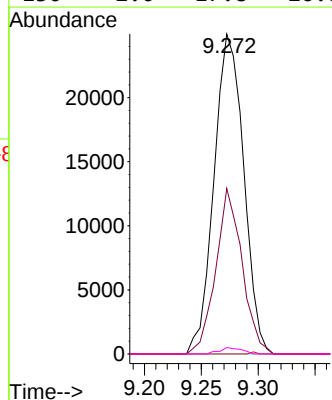
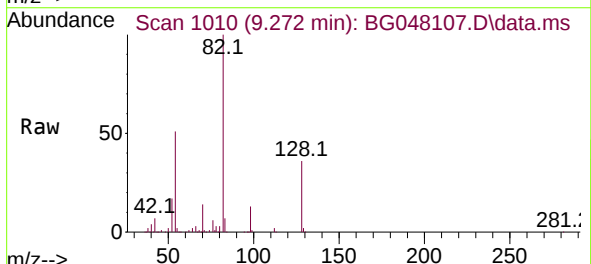
Instrument :
BNA_G
ClientSampleId :
OU421-008-1015

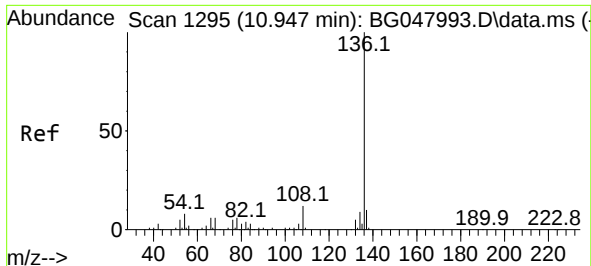
Tgt Ion: 99 Resp: 451744
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 44.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 11.61 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.348 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Tgt Ion: 70 Resp: 45269
Ion Ratio Lower Upper
70 100
42 51.7 45.6 68.4
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#

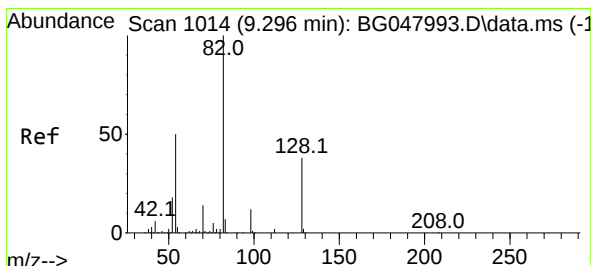
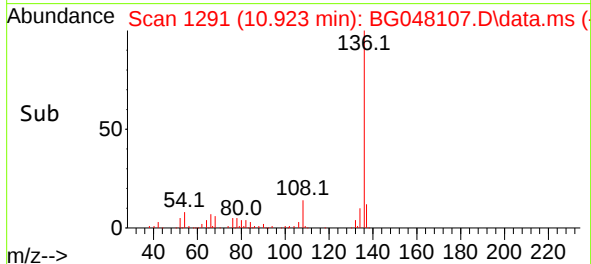
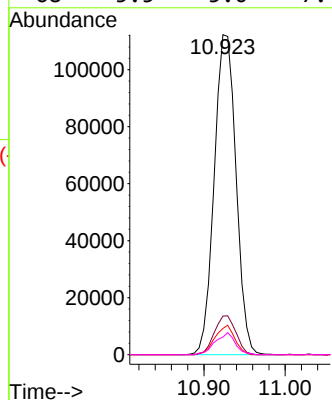
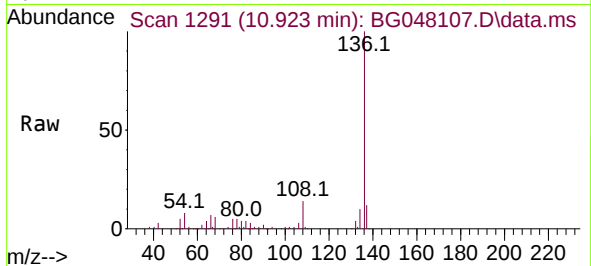




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

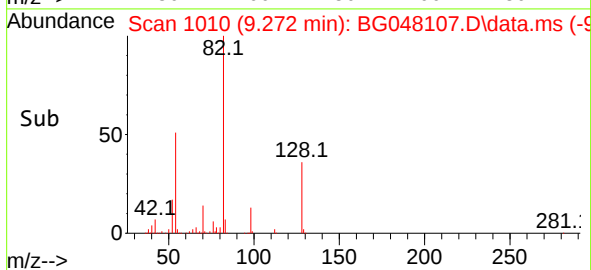
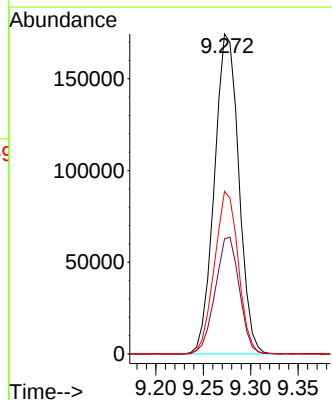
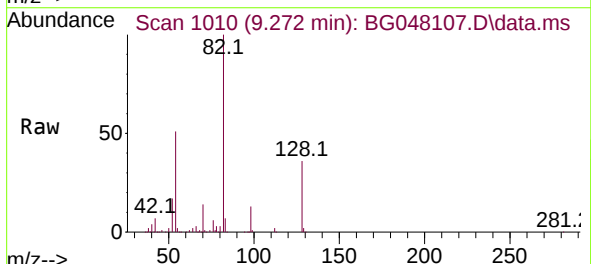
Instrument :
BNA_G
ClientSampleId :
OU421-008-1015

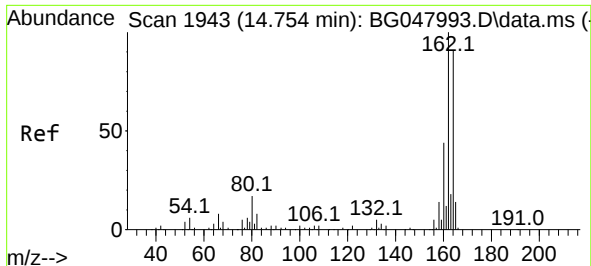
Tgt Ion:136	Resp: 209718
Ion Ratio	Lower Upper
136 100	
137 12.0	9.1 13.7
54 8.2	6.2 9.4
68 5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 59.01 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.011 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

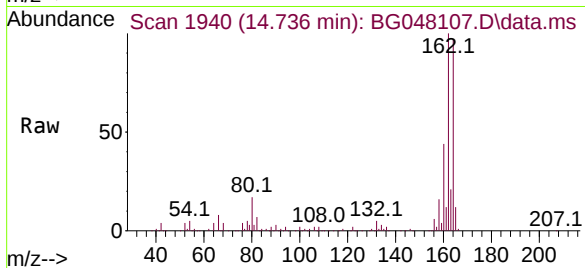
Tgt Ion: 82	Resp: 312770
Ion Ratio	Lower Upper
82 100	
128 36.0	37.0 55.6#
54 50.8	39.0 58.4



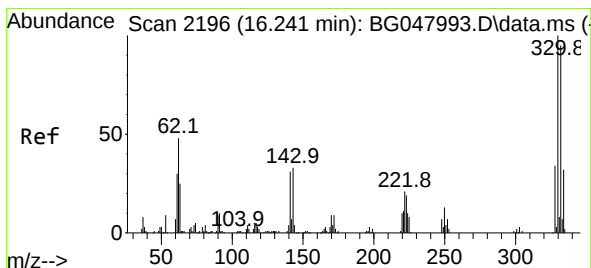
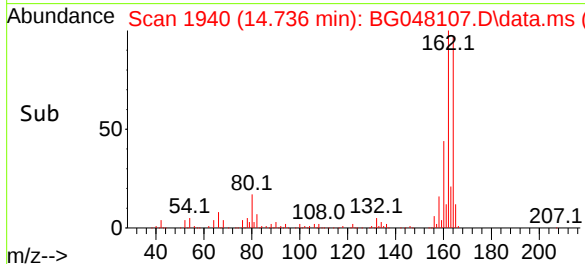
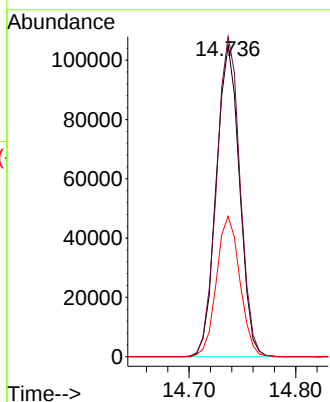


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Instrument :
BNA_G
ClientSampleId :
OU421-008-1015

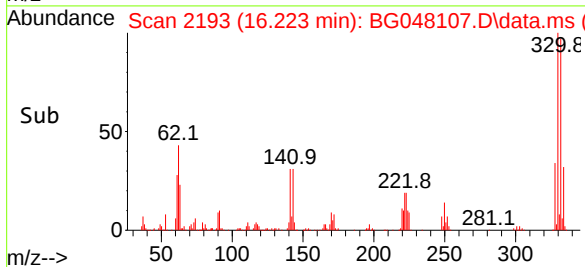
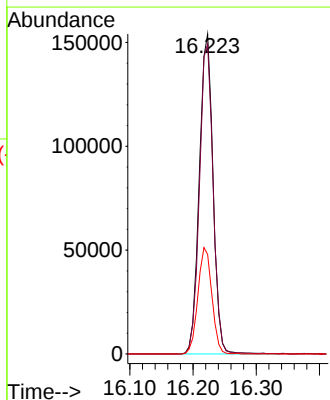
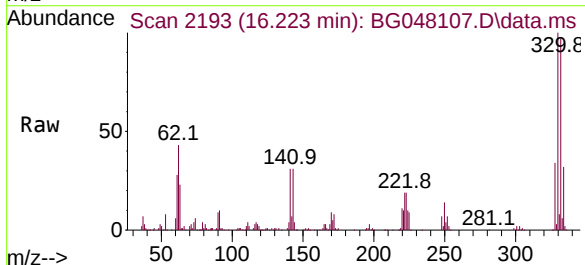


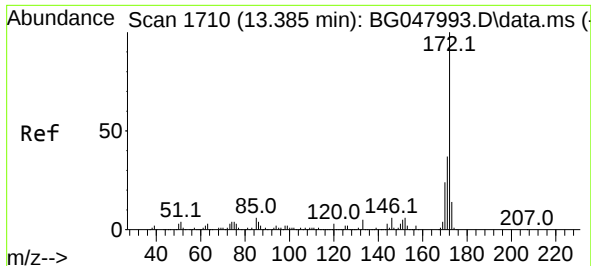
Tgt Ion:164 Resp: 158358
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 45.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 87.86 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Tgt Ion:330 Resp: 231726
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 33.9 26.0 39.0

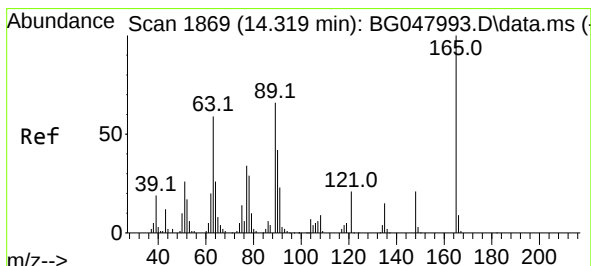
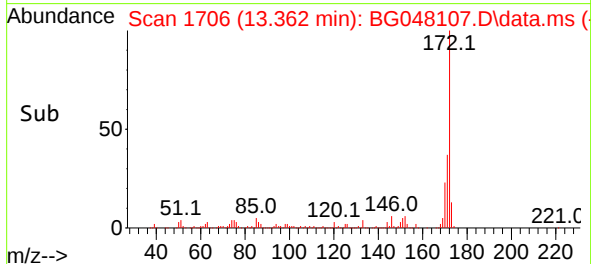
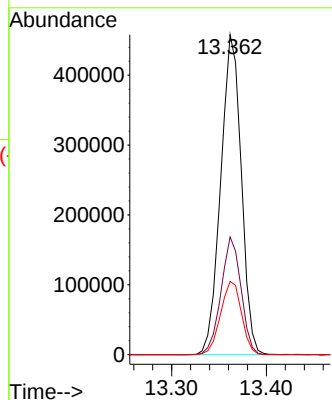
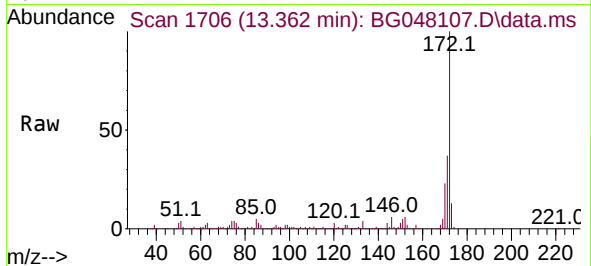




#45
2-Fluorobiphenyl
Concen: 56.42 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

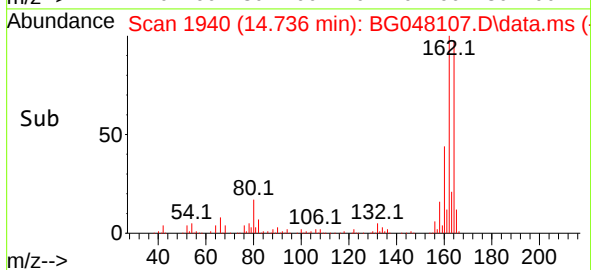
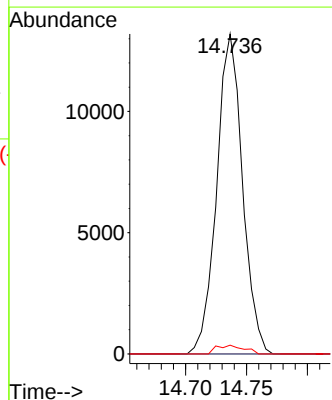
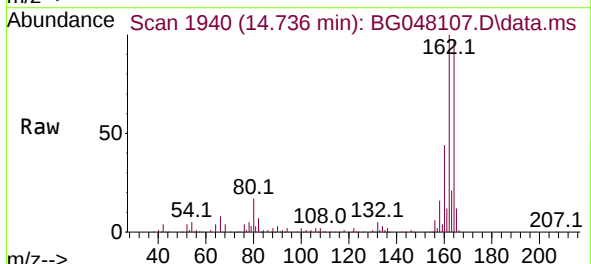
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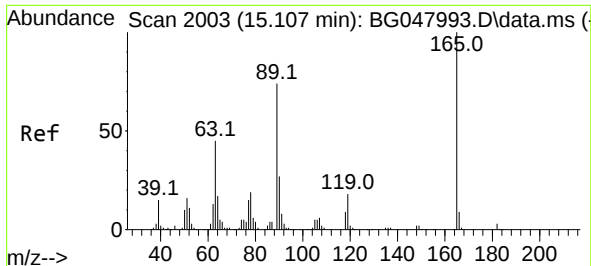
Tgt Ion:172 Resp: 691054
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 22.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.53 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.430 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

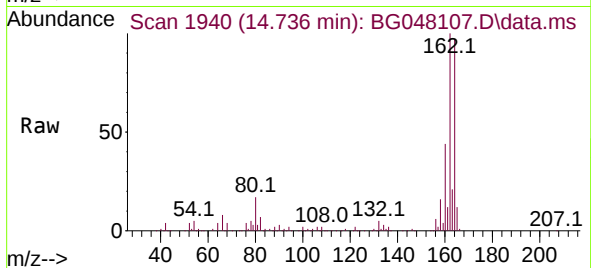
Tgt Ion:165 Resp: 19450
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.7 36.6 54.8#



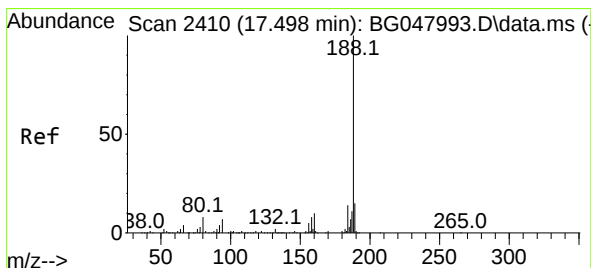
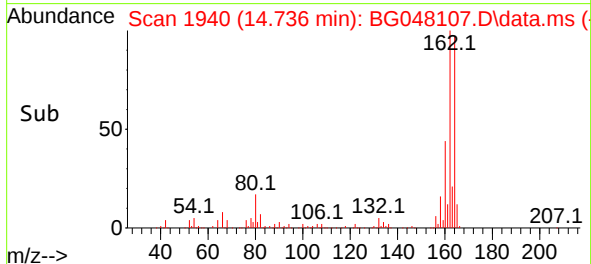
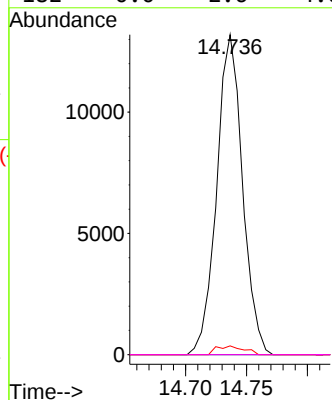


#57
2,4-Dinitrotoluene
Concen: 4.52 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.357 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Instrument :
BNA_G
ClientSampleId :
OU421-008-1015

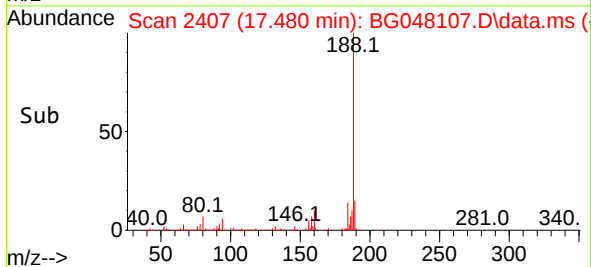
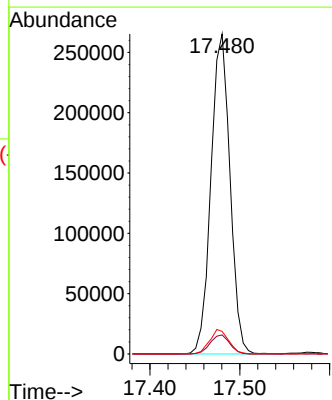
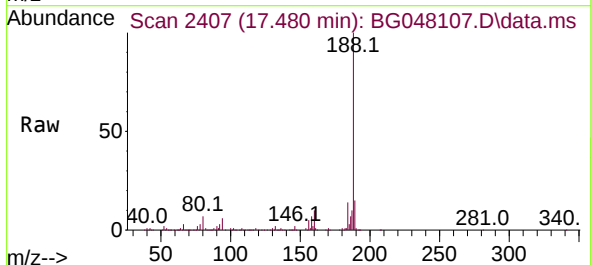


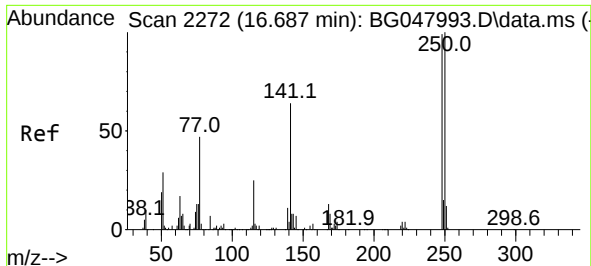
Tgt Ion:165 Resp: 19450
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Tgt Ion:188 Resp: 389577
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.1 7.0 10.6

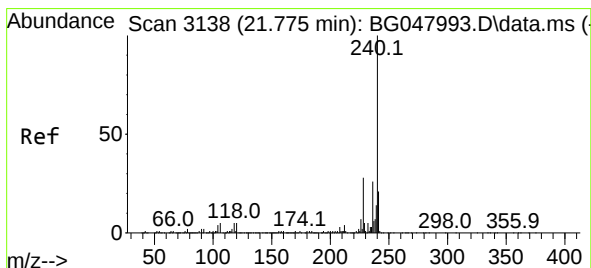
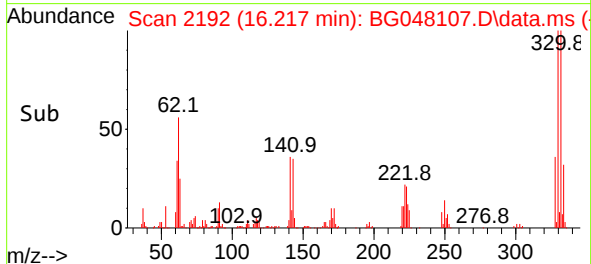
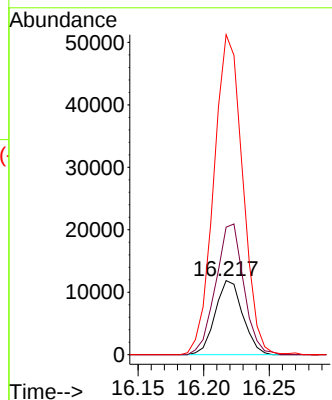
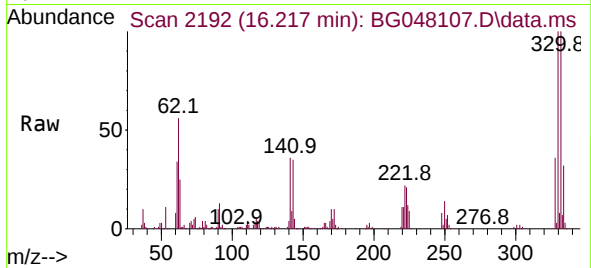




#67
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.457 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

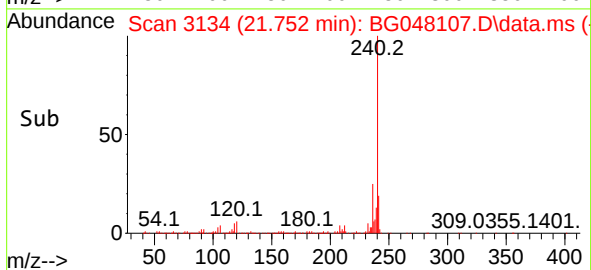
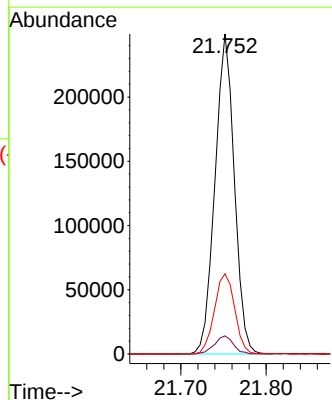
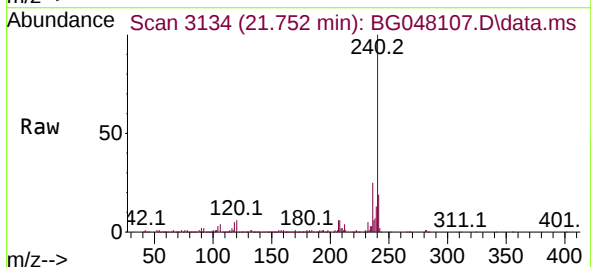
Instrument :
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OU421-008-1015

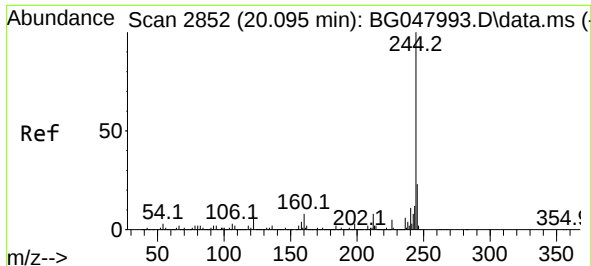
Tgt Ion:248 Resp: 17299
Ion Ratio Lower Upper
248 100
250 172.2 78.9 118.3#
141 432.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.011 min
Lab File: BG048107.D
Acq: 4 Feb 2021 1:40

Tgt Ion:240 Resp: 392585
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 25.1 20.5 30.7

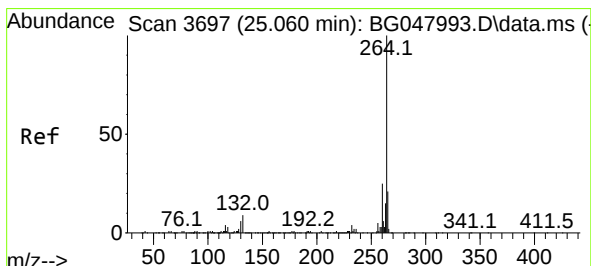
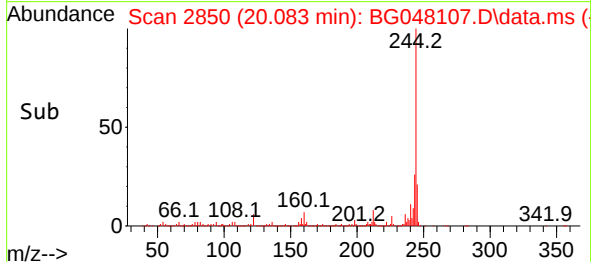
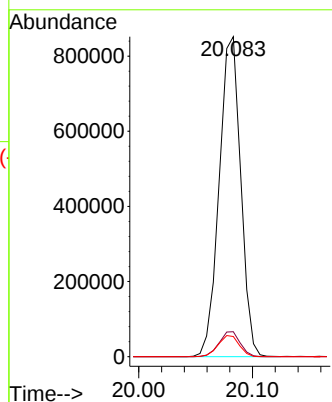
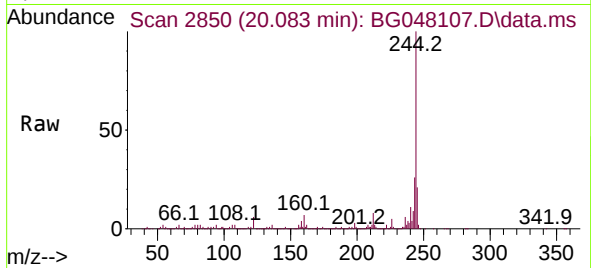




#79
 Terphenyl-d14
 Concen: 49.55 ng
 RT: 20.083 min Scan# 2850
 Delta R.T. -0.005 min
 Lab File: BG048107.D
 Acq: 4 Feb 2021 1:40

Instrument :
 BNA_G
 ClientSampleId :
 OU421-008-1015

Tgt Ion:244 Resp: 1121890
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.7 10.1
 122 6.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.024 min Scan# 3691
 Delta R.T. -0.017 min
 Lab File: BG048107.D
 Acq: 4 Feb 2021 1:40

Tgt Ion:264 Resp: 390622
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 20.8 17.8 26.8

