

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048103.D
 Acq On : 3 Feb 2021 22:59
 Operator : CG/JU
 Sample : M1291-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-007-1015

Quant Time: Feb 04 00:35:58 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)

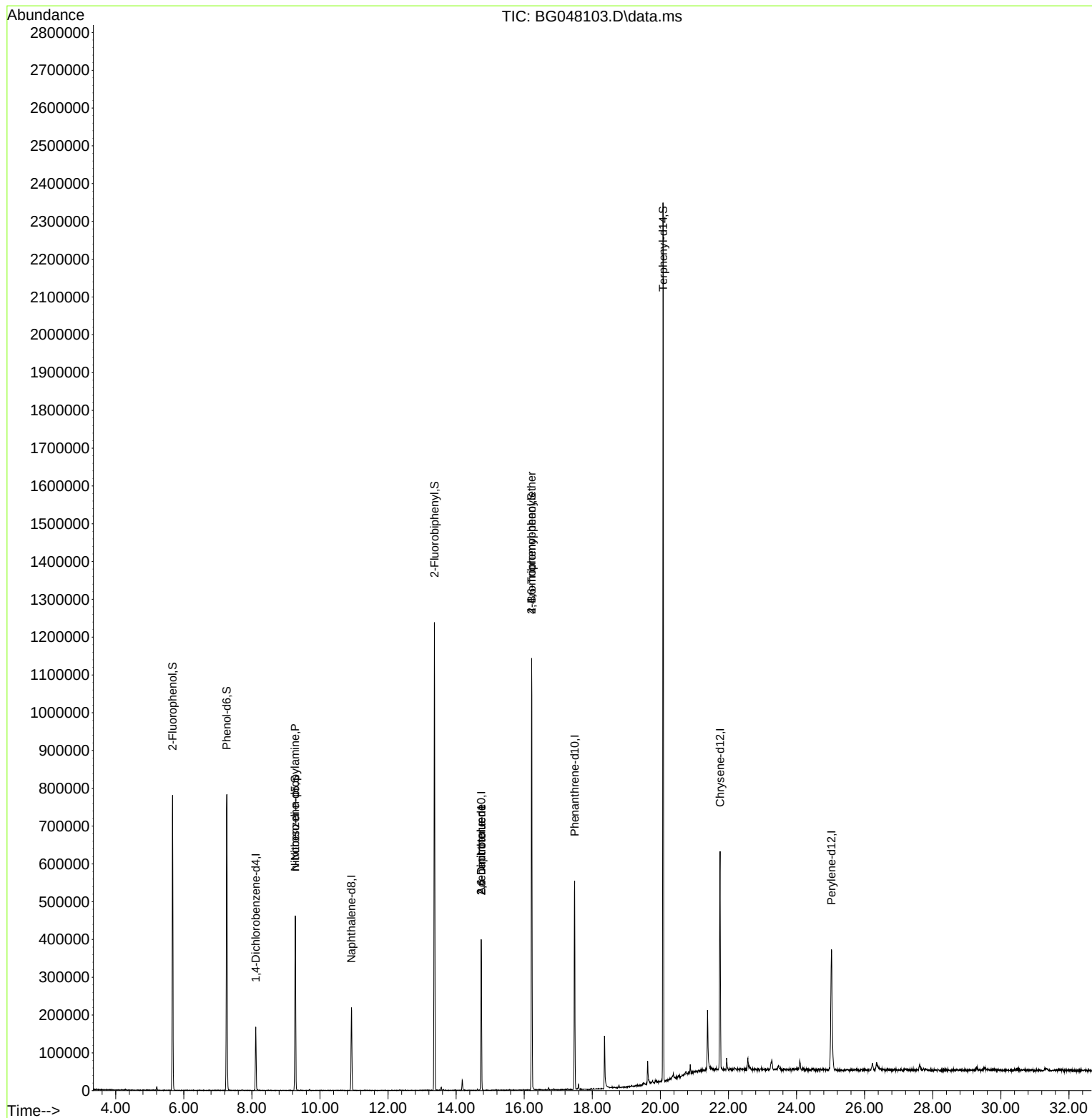
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	45109	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	177469	20.00	ng	-0.01
39) Acenaphthene-d10	14.737	164	134925	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	340861	20.00	ng	# 0.00
76) Chrysene-d12	21.752	240	355922	20.00	ng	#-0.01
86) Perylene-d12	25.025	264	351998	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	305545	104.10	ng	0.00
7) Phenol-d6	7.263	99	421016	94.34	ng	0.00
23) Nitrobenzene-d5	9.273	82	290300	64.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	215317	95.81	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	639612	61.29	ng	0.00
79) Terphenyl-d14	20.078	244	1037827	50.56	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.273	70	42114	12.93	ng	# 71
51) 2,6-Dinitrotoluene	14.737	165	17520	6.90	ng	# 34
57) 2,4-Dinitrotoluene	14.737	165	17520	4.78	ng	# 33
67) 4-Bromophenyl-phenylether	16.218	248	14928	3.28	ng	# 1

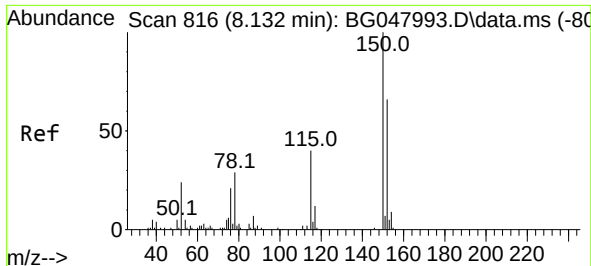
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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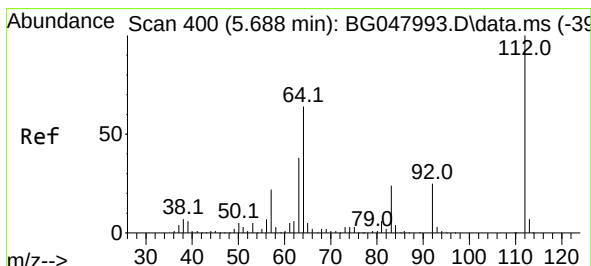
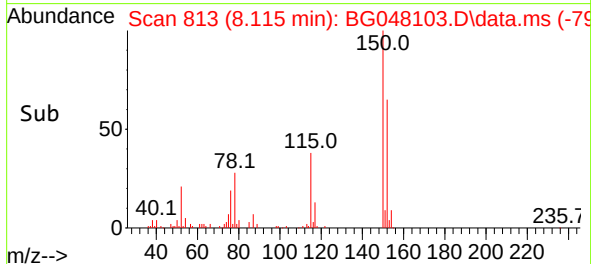
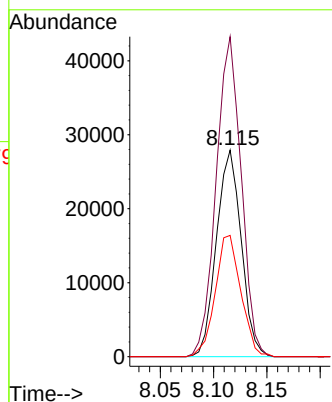
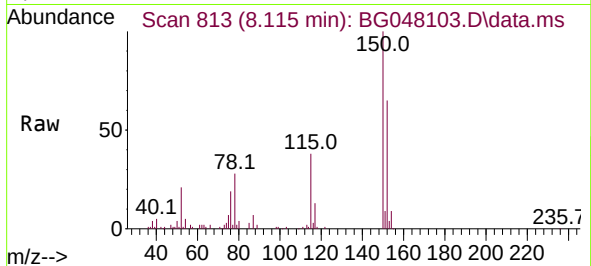




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

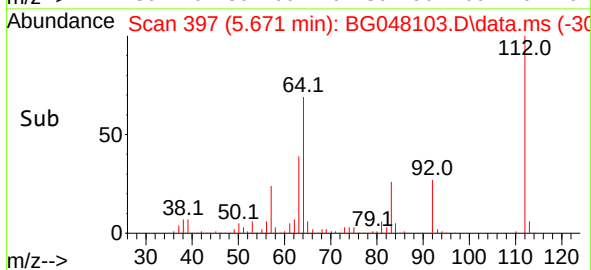
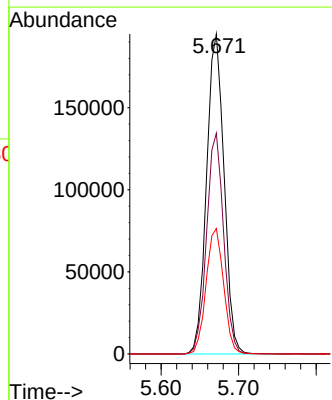
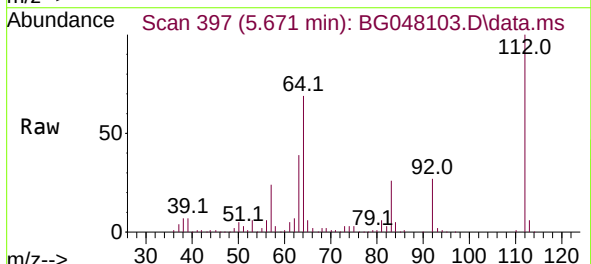
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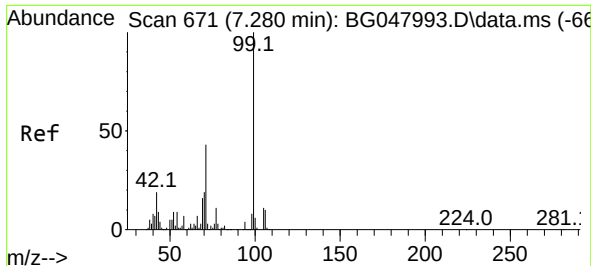
Tgt Ion:152 Resp: 45109
Ion Ratio Lower Upper
152 100
150 154.9 125.0 187.6
115 58.7 41.8 62.6



#5
2-Fluorophenol
Concen: 104.10 ng
RT: 5.671 min Scan# 397
Delta R.T. -0.004 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

Tgt Ion:112 Resp: 305545
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 39.2 22.8 34.2#

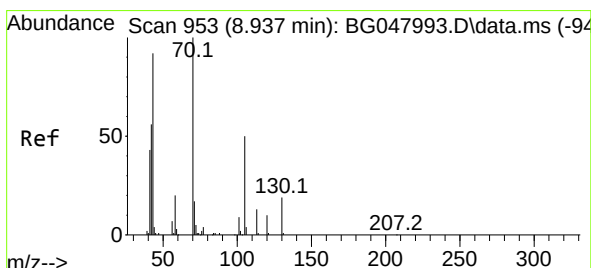
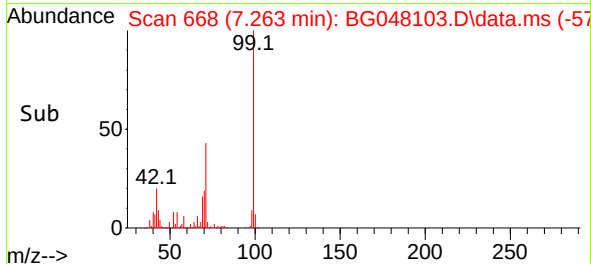
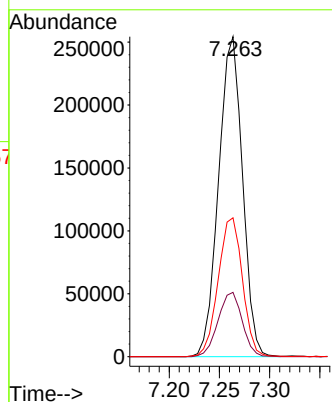
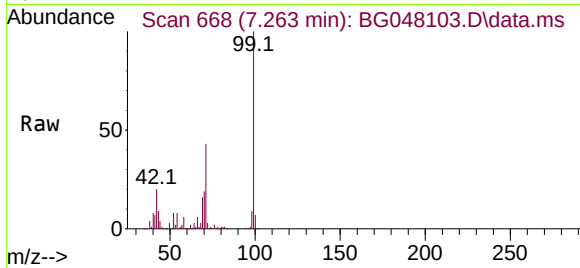




#7
Phenol-d6
Concen: 94.34 ng
RT: 7.263 min Scan# 668
Delta R.T. -0.004 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

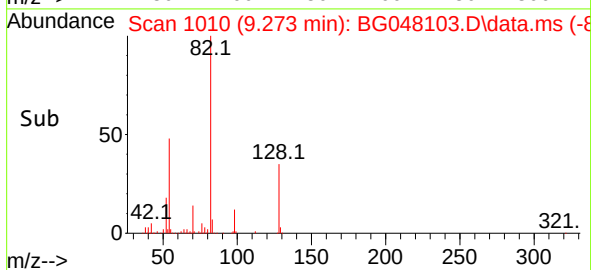
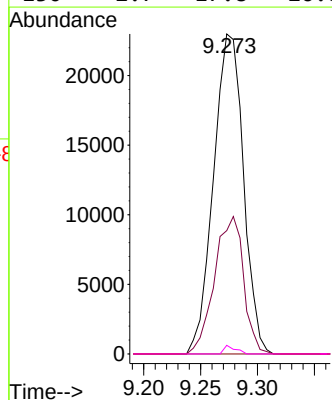
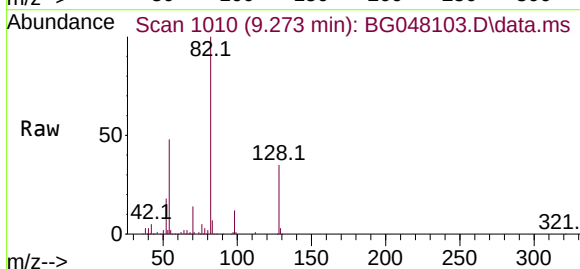
Instrument :
BNA_G
ClientSampleId :
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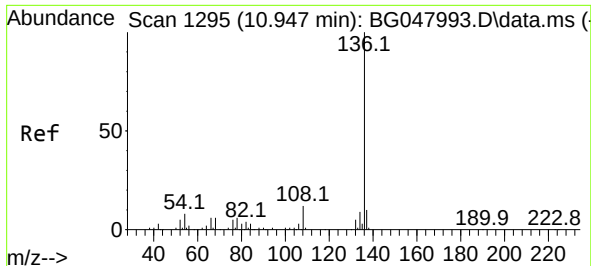
Tgt Ion: 99 Resp: 421016
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 43.4 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.93 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.348 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

Tgt Ion: 70 Resp: 42114
Ion Ratio Lower Upper
70 100
42 38.5 45.6 68.4#
101 0.0 8.4 12.6#
130 2.7 17.8 26.8#

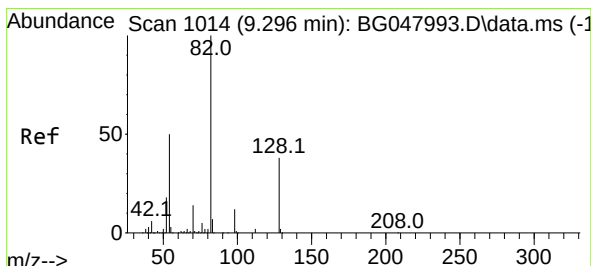
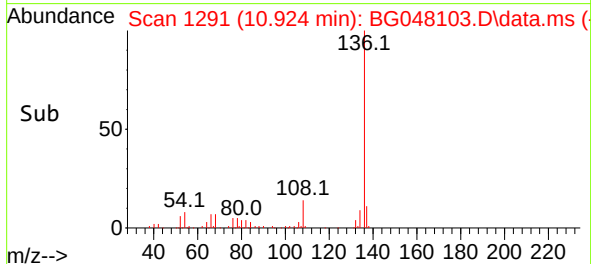
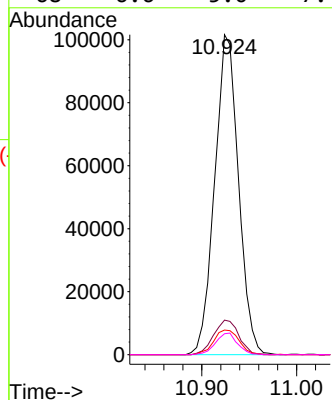
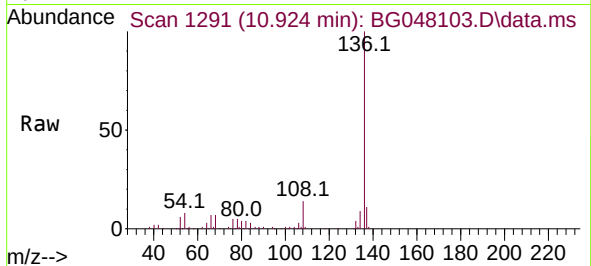




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.010 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

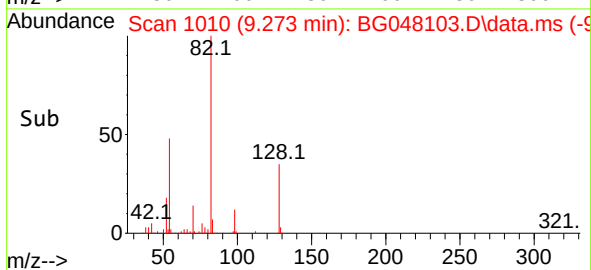
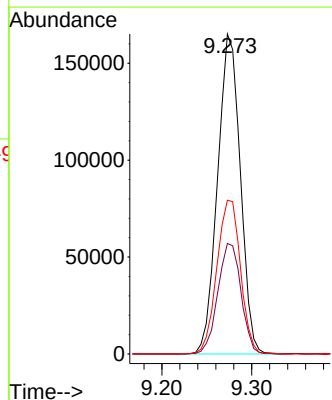
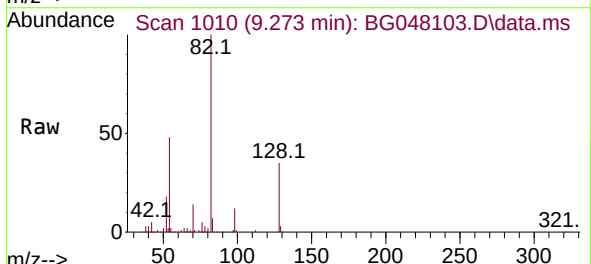
Instrument :
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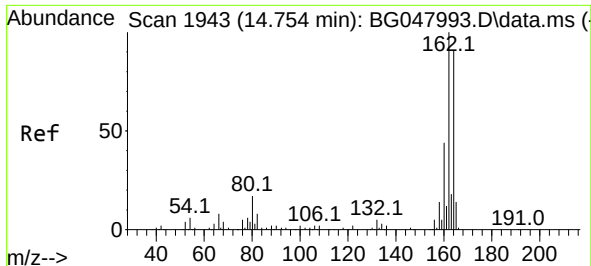
Tgt Ion:136	Resp: 177469
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 7.7	6.2 9.4
68 6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 64.72 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.010 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

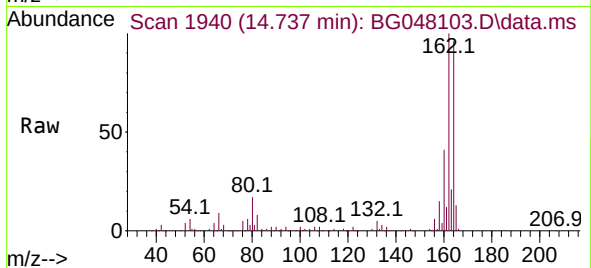
Tgt Ion: 82	Resp: 290300
Ion Ratio	Lower Upper
82 100	
128 34.5	37.0 55.6#
54 48.0	39.0 58.4



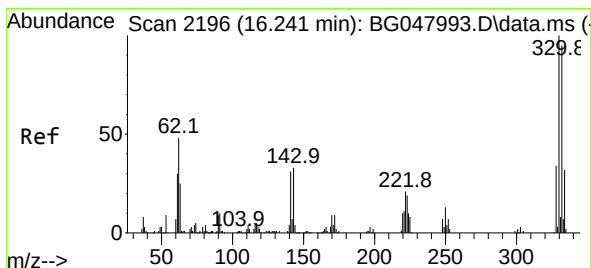
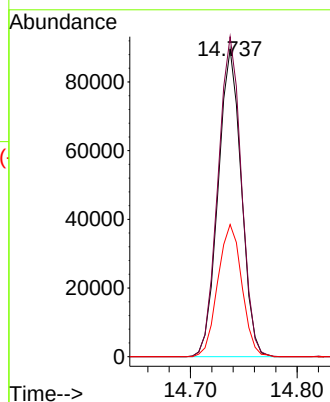
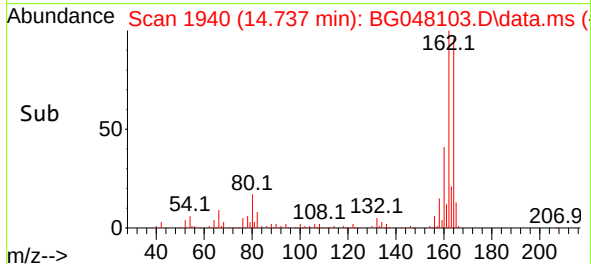


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

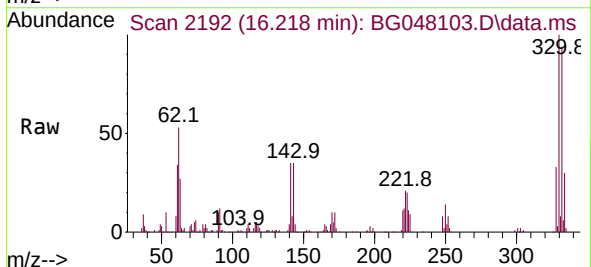
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BNA_G
ClientSampleId :
OU421-007-1015



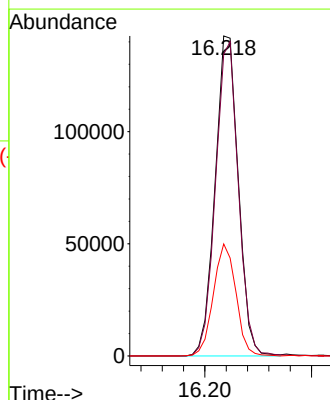
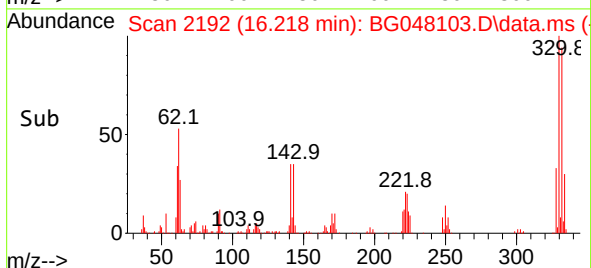
Tgt Ion:164 Resp: 134925
Ion Ratio Lower Upper
164 100
162 104.0 82.3 123.5
160 43.0 35.3 52.9

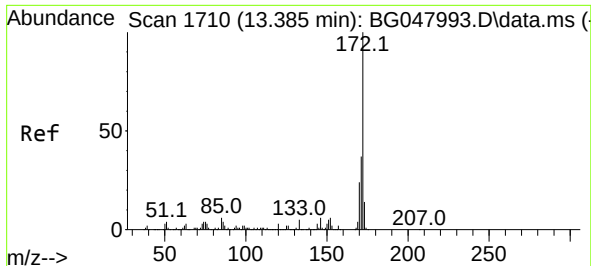


#42
2,4,6-Tribromophenol
Concen: 95.81 ng
RT: 16.218 min Scan# 2192
Delta R.T. -0.010 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59



Tgt Ion:330 Resp: 215317
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 33.9 26.0 39.0

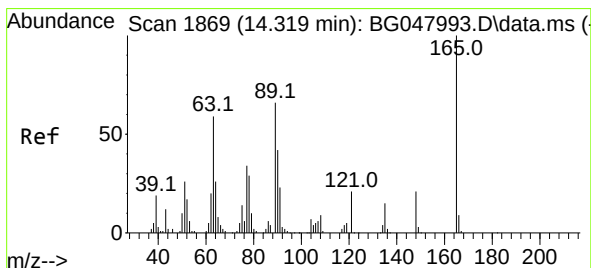
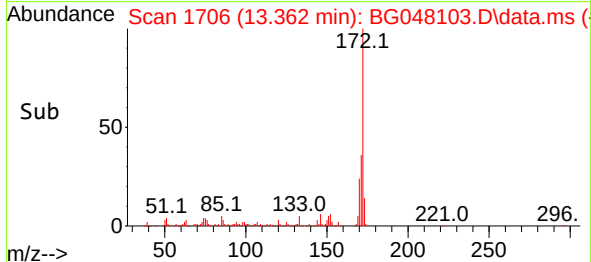
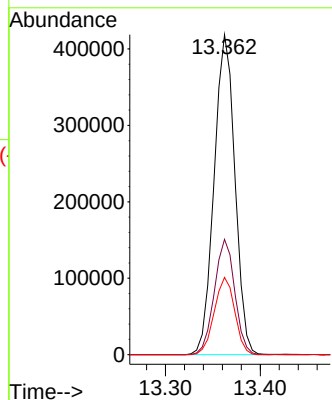
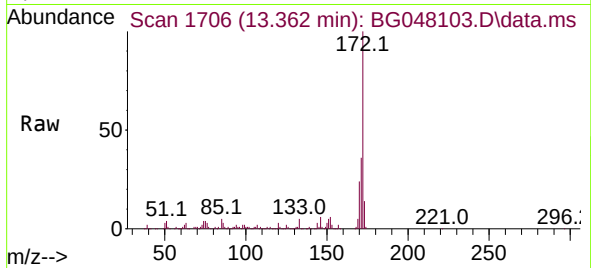




#45
2-Fluorobiphenyl
Concen: 61.29 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

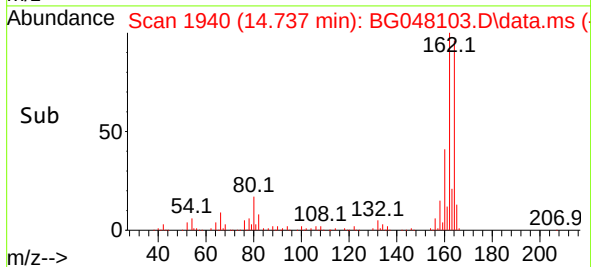
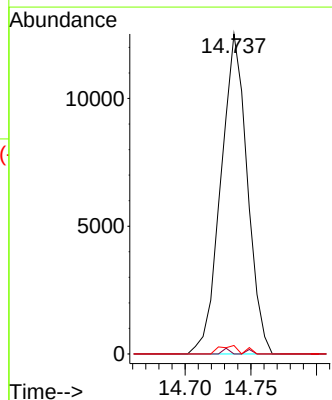
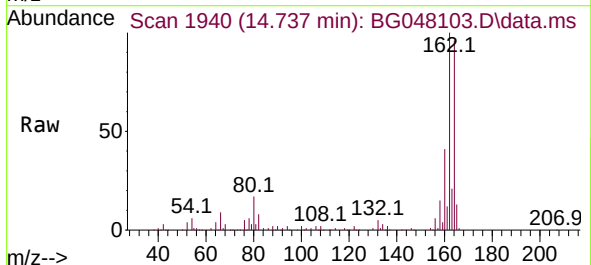
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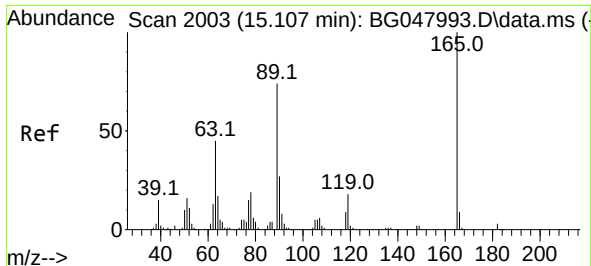
Tgt Ion:172 Resp: 639612
Ion Ratio Lower Upper
172 100
171 36.0 31.3 46.9
170 24.2 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.90 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.431 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

Tgt Ion:165 Resp: 17520
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.7 36.6 54.8#

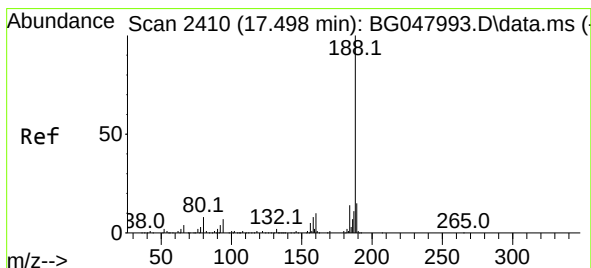
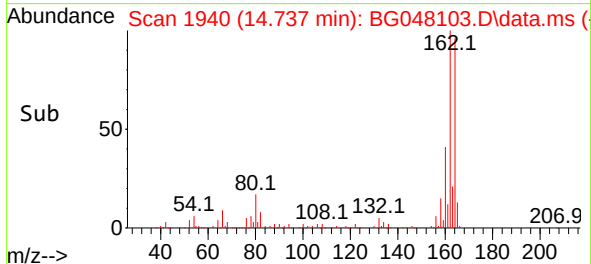
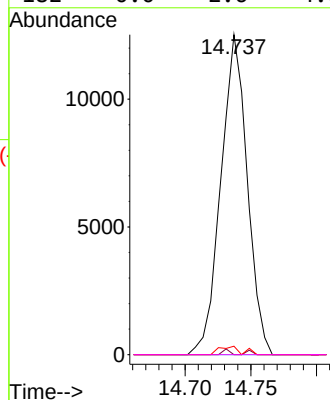
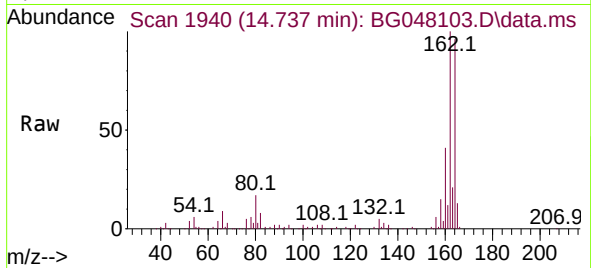




#57
2,4-Dinitrotoluene
Concen: 4.78 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.357 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

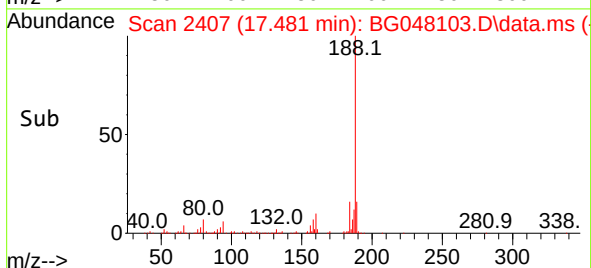
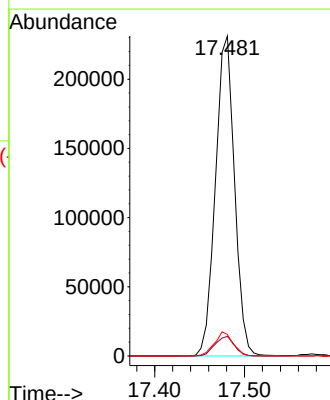
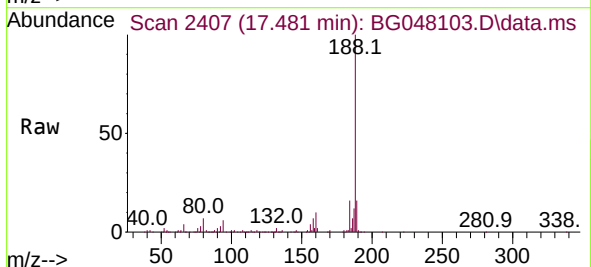
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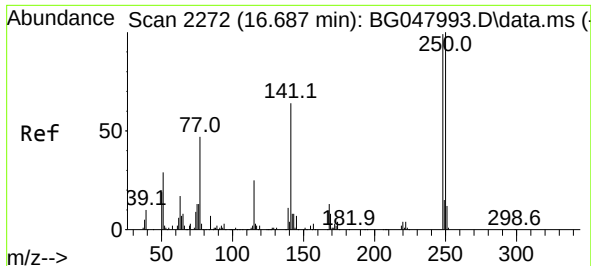
Tgt Ion:165 Resp: 17520
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

Tgt Ion:188 Resp: 340861
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 6.7 7.0 10.6#

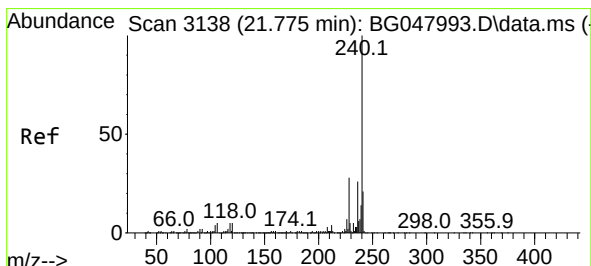
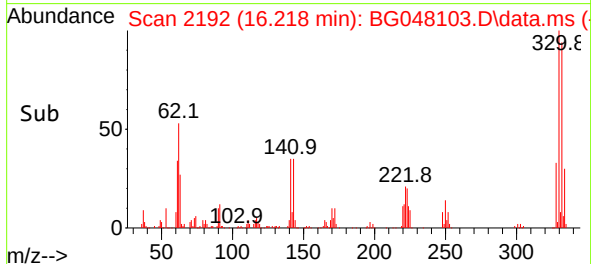
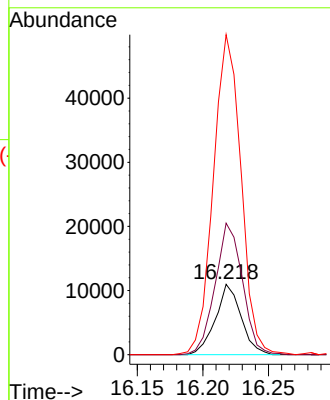
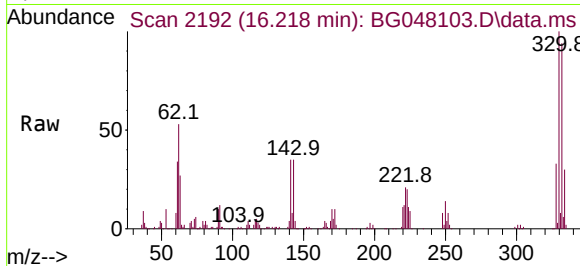




#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 16.218 min Scan# 2192
Delta R.T. -0.457 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

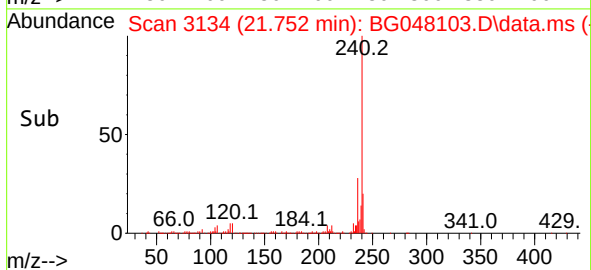
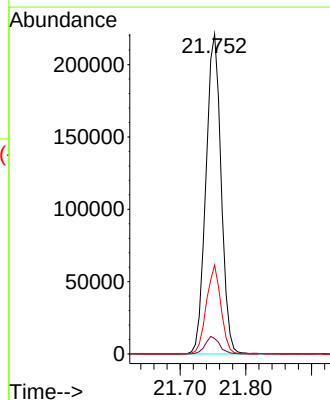
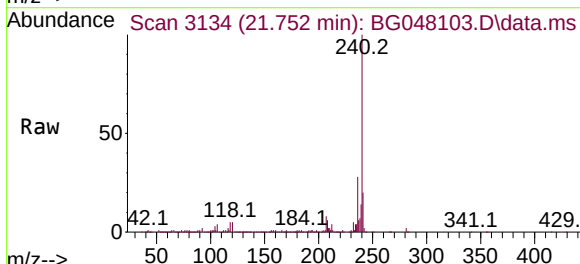
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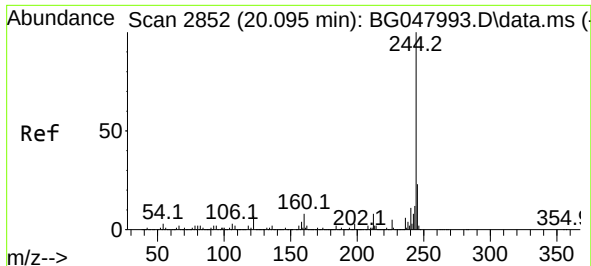
Tgt Ion:248 Resp: 14928
Ion Ratio Lower Upper
248 100
250 186.7 78.9 118.3#
141 454.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.010 min
Lab File: BG048103.D
Acq: 3 Feb 2021 22:59

Tgt Ion:240 Resp: 355922
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 27.8 20.5 30.7

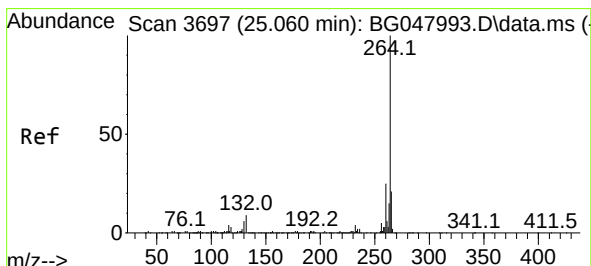
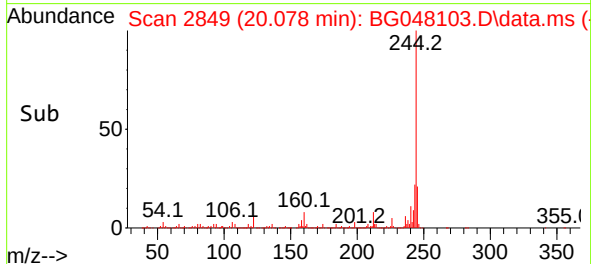
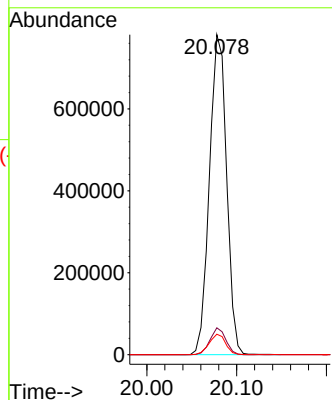
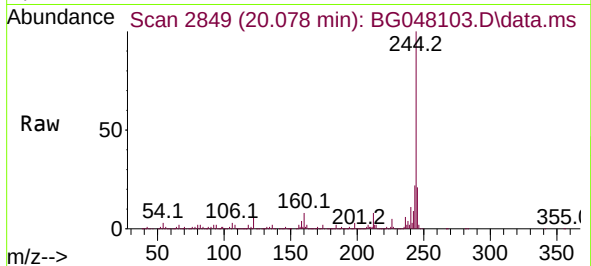




#79
 Terphenyl-d14
 Concen: 50.56 ng
 RT: 20.078 min Scan# 2849
 Delta R.T. -0.010 min
 Lab File: BG048103.D
 Acq: 3 Feb 2021 22:59

Instrument :
 BNA_G
 ClientSampleId :
 OU421-007-1015

Tgt Ion:244 Resp: 1037827
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 6.4 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.025 min Scan# 3691
 Delta R.T. -0.016 min
 Lab File: BG048103.D
 Acq: 3 Feb 2021 22:59

Tgt Ion:264 Resp: 351998
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 20.6 17.8 26.8

