

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048101.D
 Acq On : 3 Feb 2021 21:38
 Operator : CG/JU
 Sample : M1291-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-004-0205

Quant Time: Feb 04 00:00:18 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)

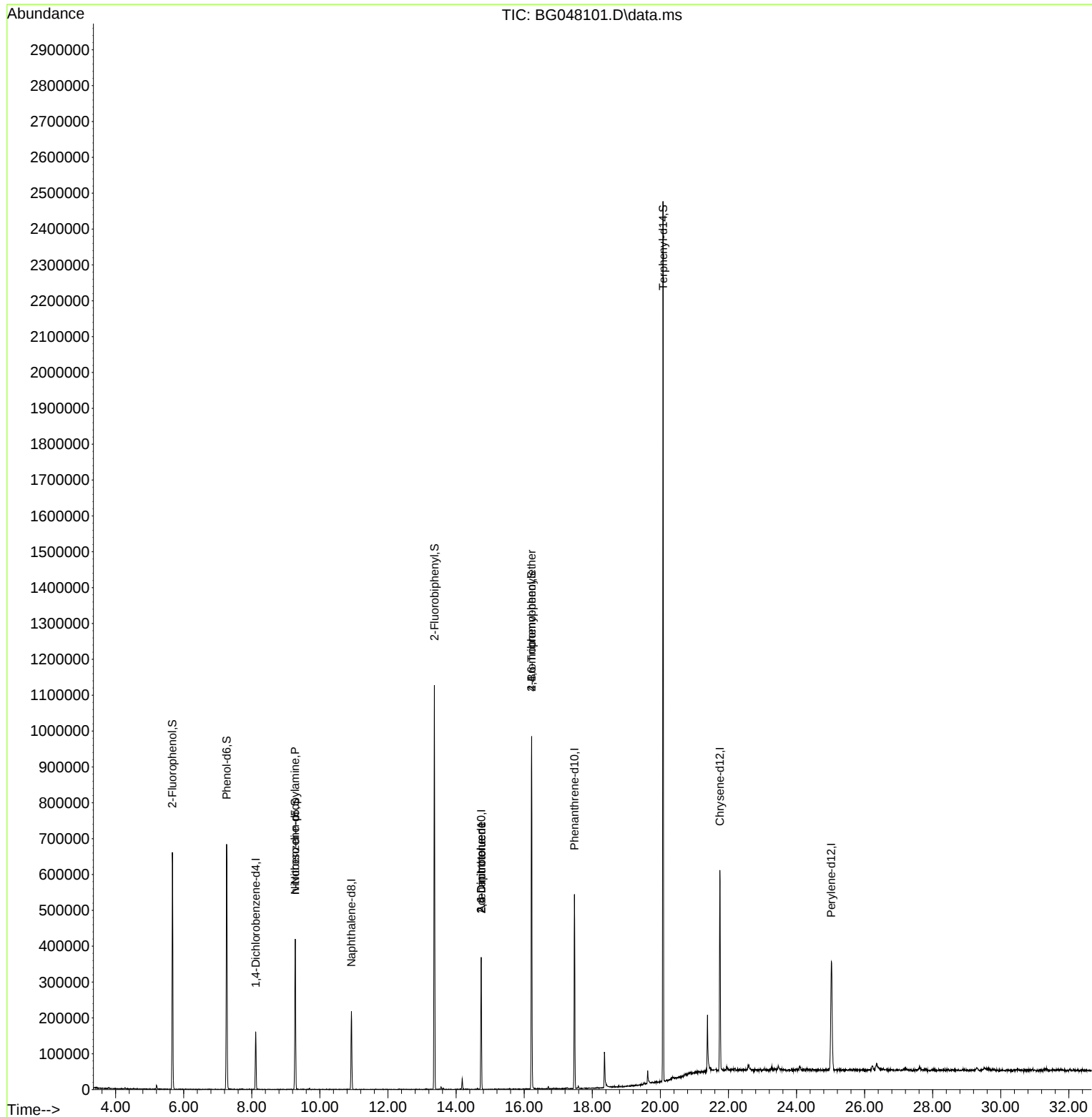
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	44293	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	173013	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	125996	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	332110	20.00	ng	# 0.00
76) Chrysene-d12	21.749	240	351880	20.00	ng	#-0.01
86) Perylene-d12	25.022	264	351381	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	263791	91.53	ng	0.00
7) Phenol-d6	7.260	99	365125	83.32	ng	0.00
23) Nitrobenzene-d5	9.275	82	251023	57.41	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	189723	90.41	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	573423	58.84	ng	0.00
79) Terphenyl-d14	20.080	244	1061457	52.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	36447	11.40	ng	# 77
51) 2,6-Dinitrotoluene	14.739	165	16739	7.06	ng	# 36
57) 2,4-Dinitrotoluene	14.739	165	16739	4.89	ng	# 34
67) 4-Bromophenyl-phenylether	16.220	248	12483	2.81	ng	# 1

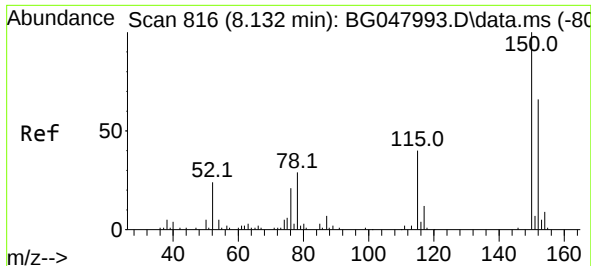
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

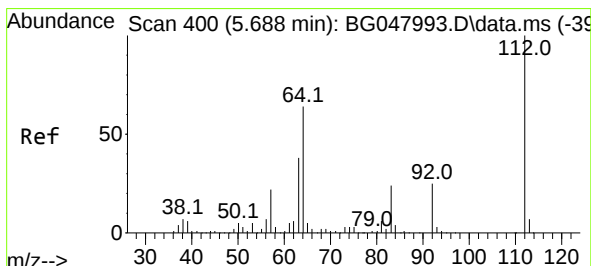
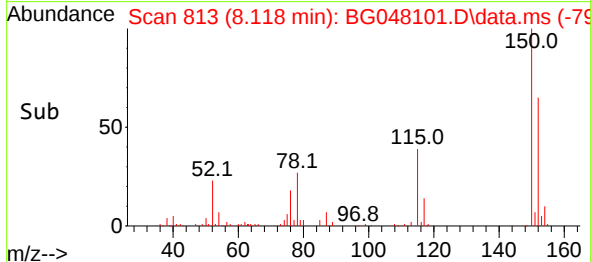
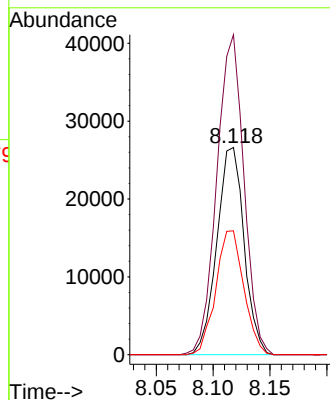
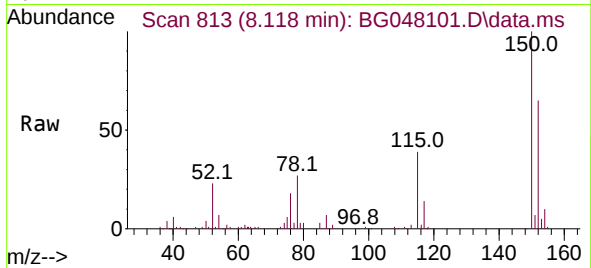




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.118 min Scan# 813
Delta R.T. -0.002 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

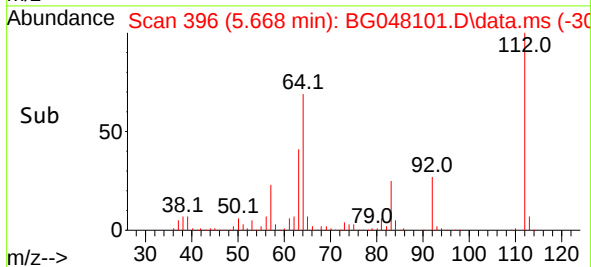
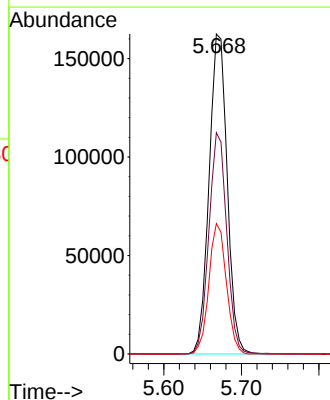
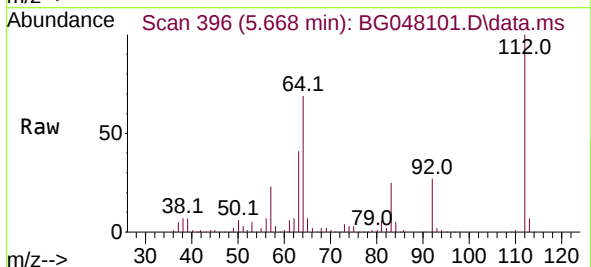
Instrument :
BNA_G
ClientSampleId :
OU421-004-0205

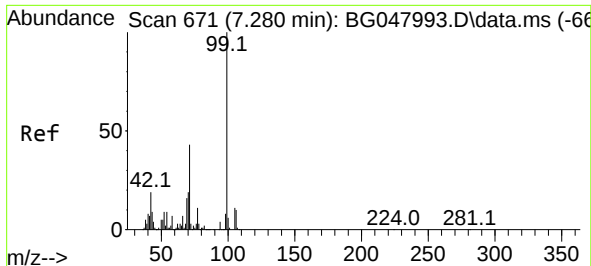
Tgt Ion:152 Resp: 44293
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.6
115 59.8 41.8 62.6



#5
2-Fluorophenol
Concen: 91.53 ng
RT: 5.668 min Scan# 396
Delta R.T. -0.008 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

Tgt Ion:112 Resp: 263791
Ion Ratio Lower Upper
112 100
64 69.2 46.7 70.1
63 40.8 22.8 34.2#

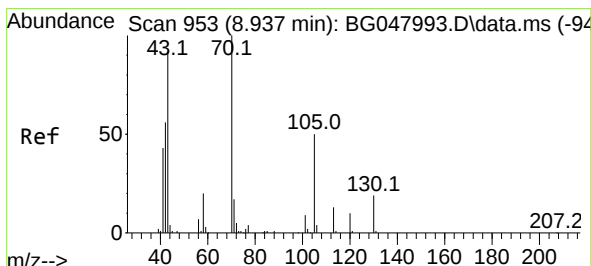
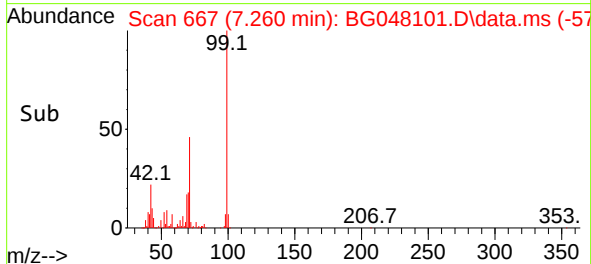
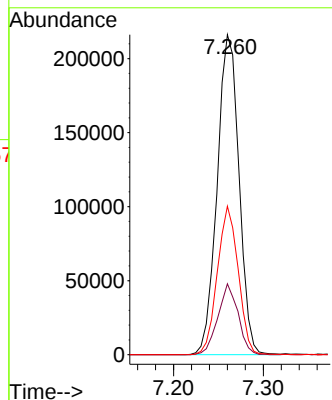
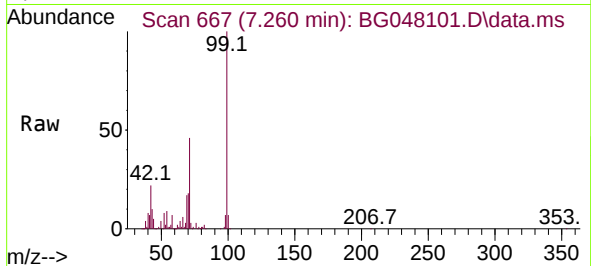




#7
Phenol-d6
Concen: 83.32 ng
RT: 7.260 min Scan# 667
Delta R.T. -0.008 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

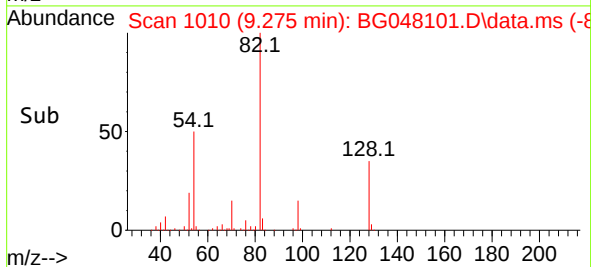
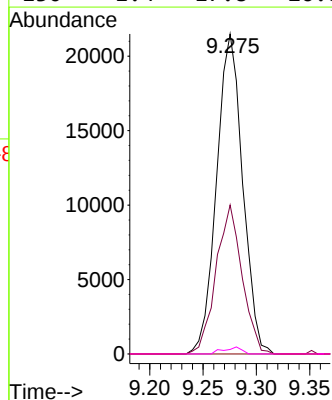
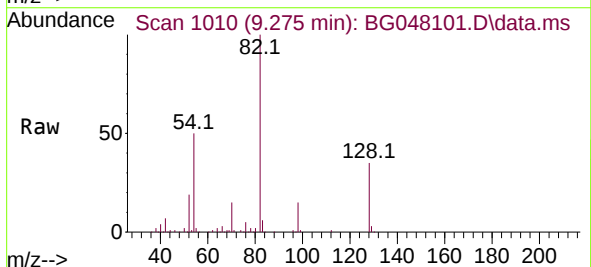
Instrument :
BNA_G
ClientSampleId :
OU421-004-0205

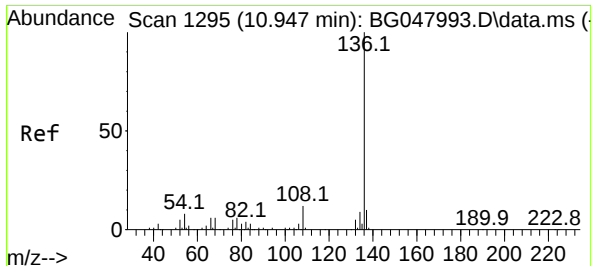
Tgt Ion: 99 Resp: 365125
Ion Ratio Lower Upper
99 100
42 22.1 12.8 19.2#
71 46.4 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 11.40 ng
RT: 9.275 min Scan# 1010
Delta R.T. 0.351 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

Tgt Ion: 70 Resp: 36447
Ion Ratio Lower Upper
70 100
42 46.5 45.6 68.4
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

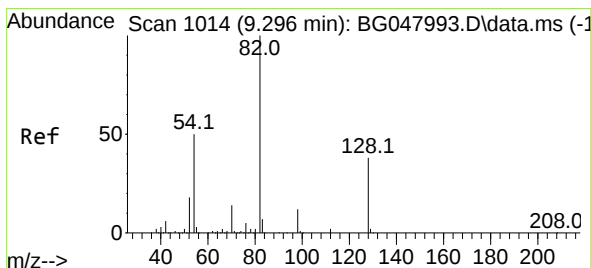
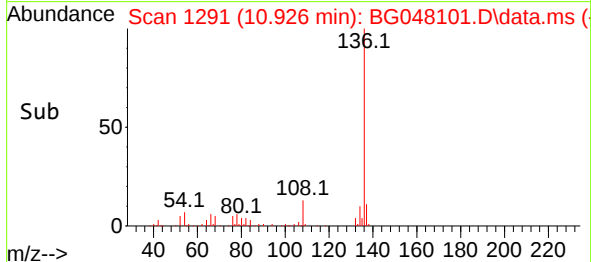
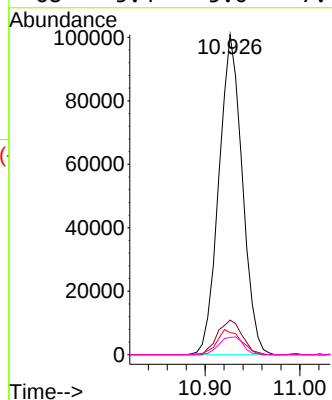
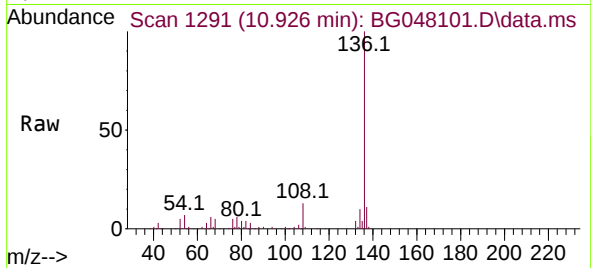




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

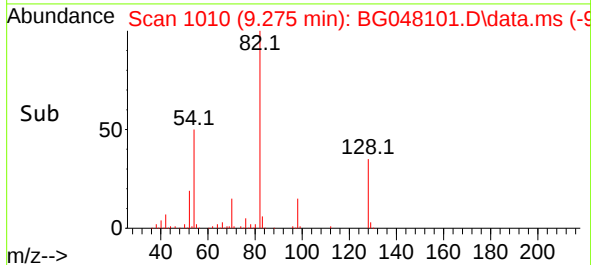
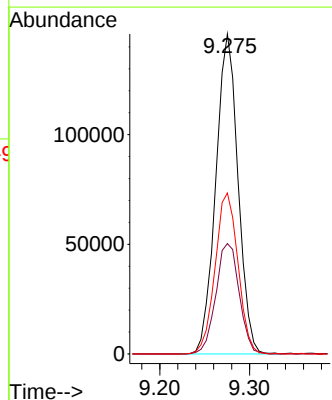
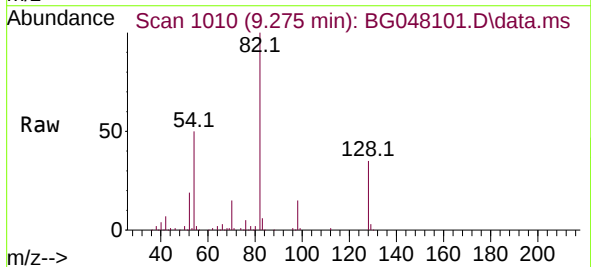
Instrument :
BNA_G
ClientSampleId :
OU421-004-0205

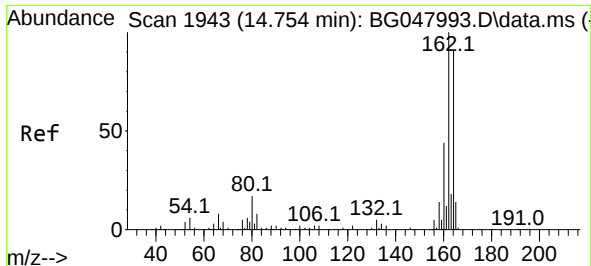
Tgt Ion:136	Resp: 173013
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 6.9	6.2 9.4
68 5.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 57.41 ng
RT: 9.275 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

Tgt Ion: 82	Resp: 251023
Ion Ratio	Lower Upper
82 100	
128 34.5	37.0 55.6#
54 50.3	39.0 58.4

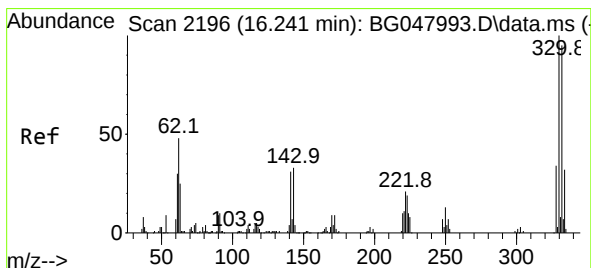
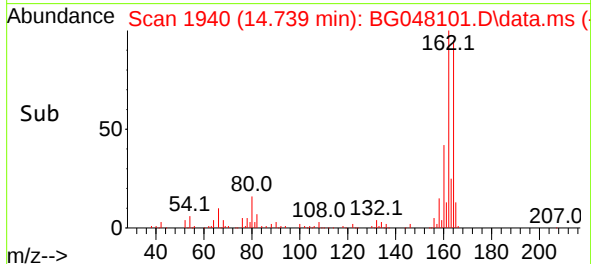
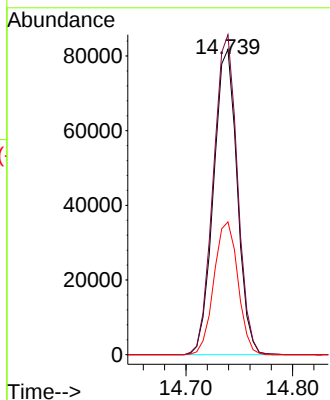
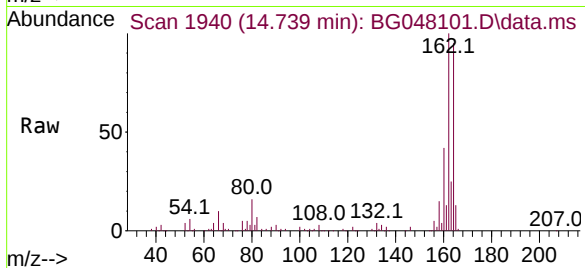




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

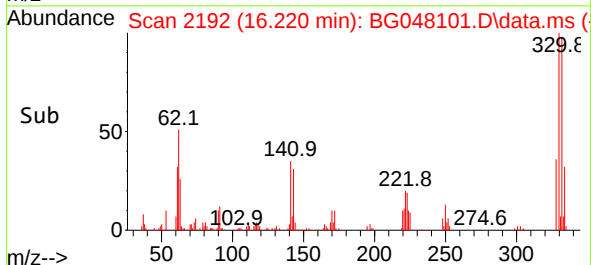
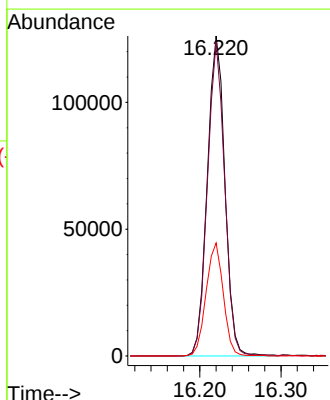
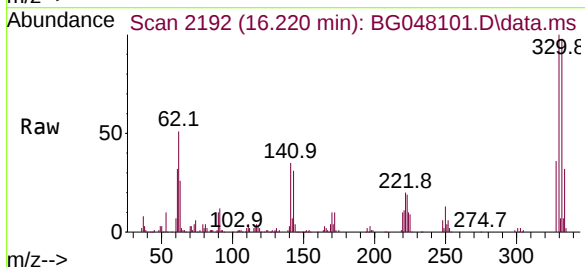
Instrument :
BNA_G
ClientSampleId :
OU421-004-0205

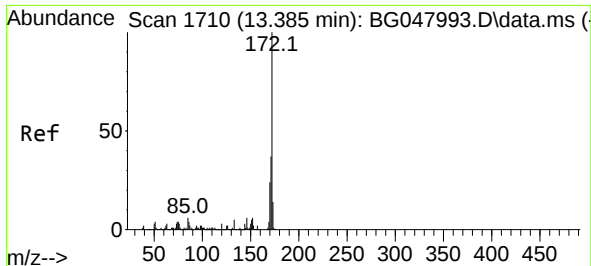
Tgt Ion:164 Resp: 125996
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 43.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 90.41 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.008 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

Tgt Ion:330 Resp: 189723
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 34.5 26.0 39.0

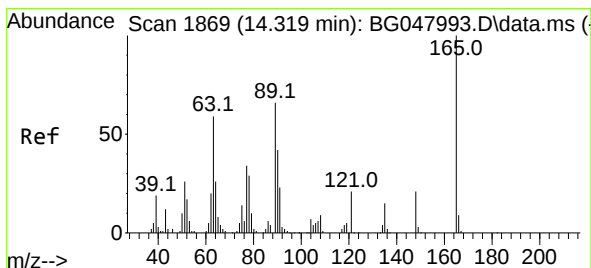
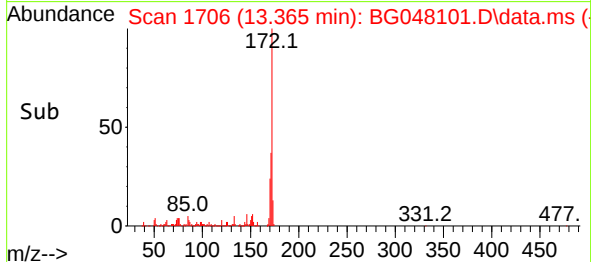
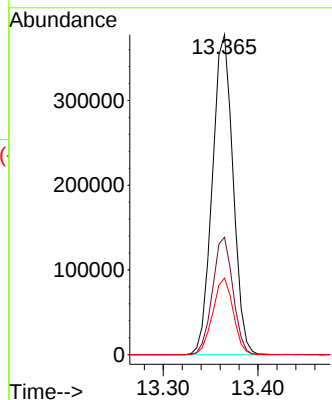
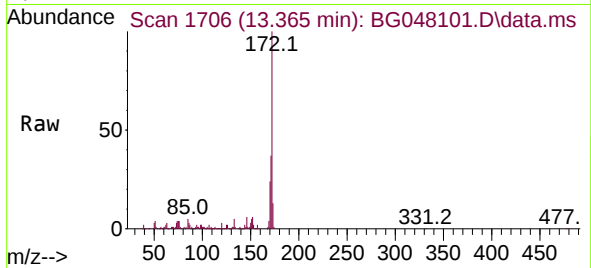




#45
2-Fluorobiphenyl
Concen: 58.84 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

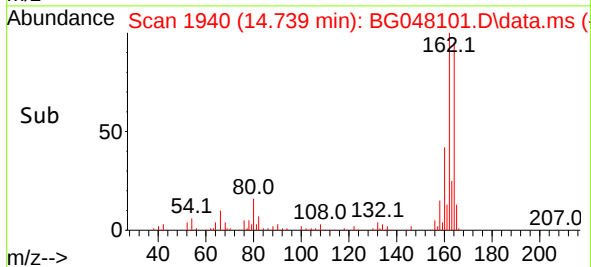
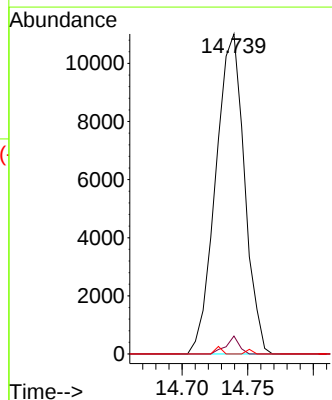
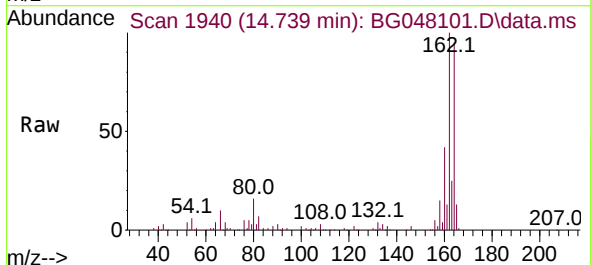
Instrument :
BNA_G
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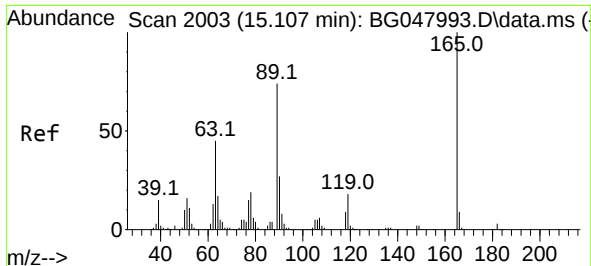
Tgt Ion:172 Resp: 573423
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 24.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.06 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.433 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

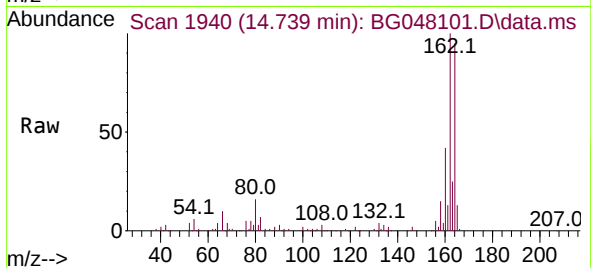
Tgt Ion:165 Resp: 16739
Ion Ratio Lower Upper
165 100
63 5.6 33.7 50.5#
89 0.0 36.6 54.8#



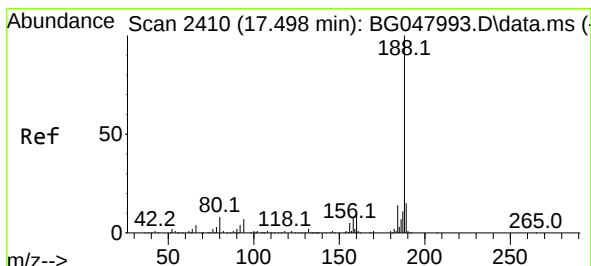
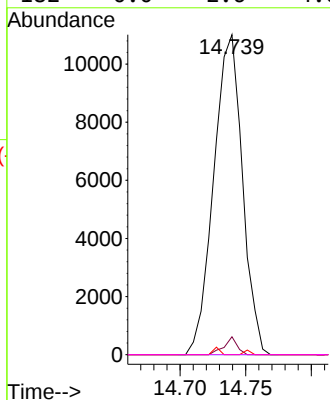
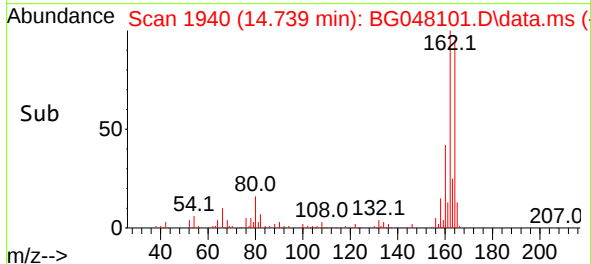


#57
2,4-Dinitrotoluene
Concen: 4.89 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.354 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

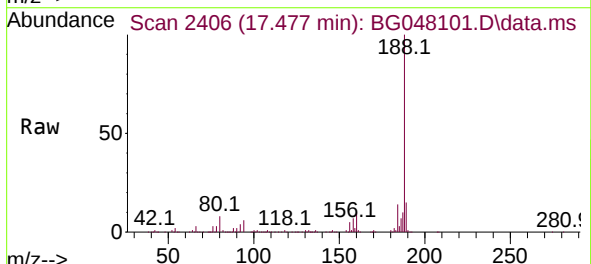
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ClientSampleId :
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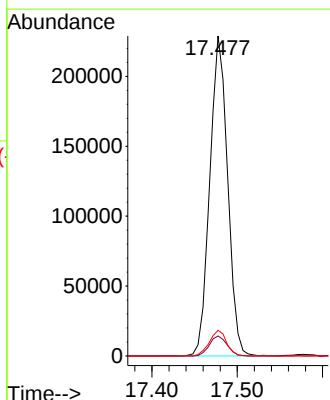
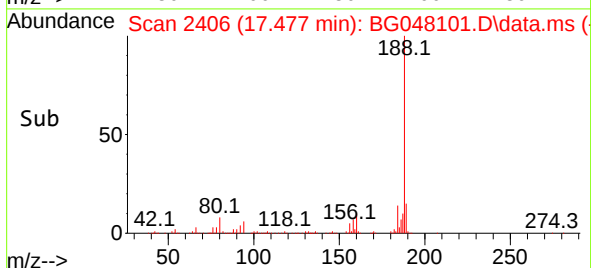
Tgt Ion:165 Resp: 16739
Ion Ratio Lower Upper
165 100
63 5.6 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

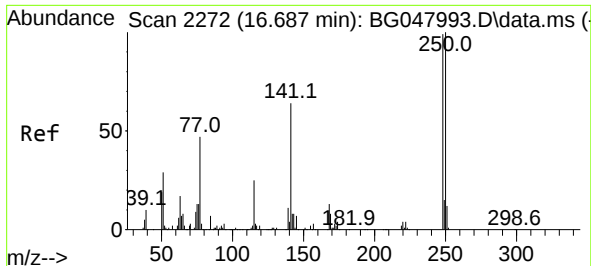


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.008 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38



Tgt Ion:188 Resp: 332110
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 8.0 7.0 10.6

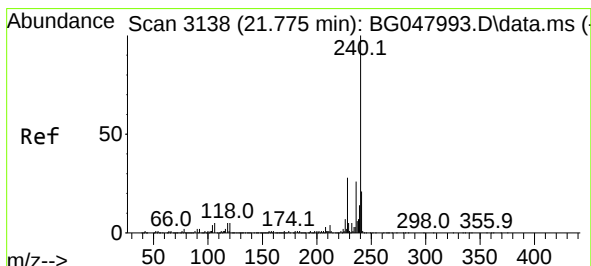
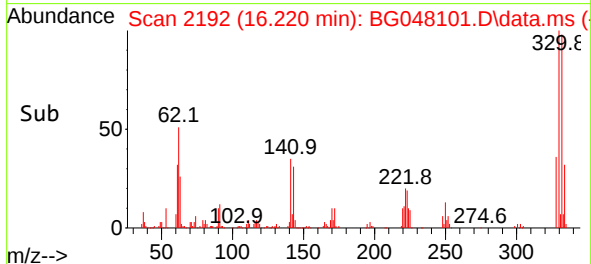
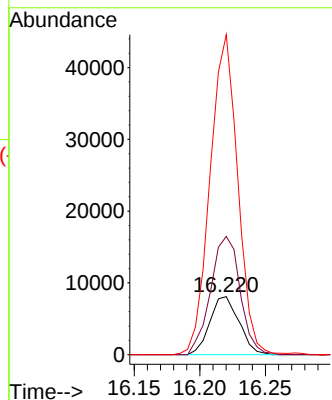
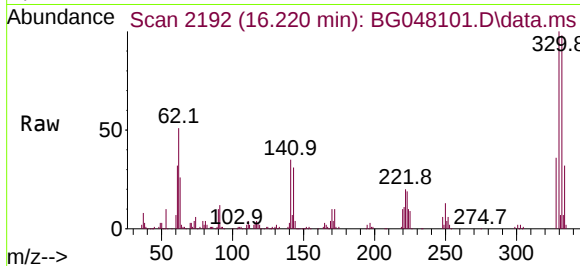




#67
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.454 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

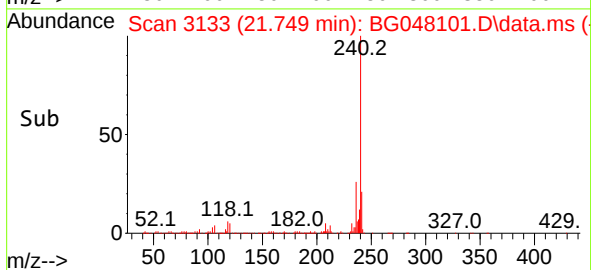
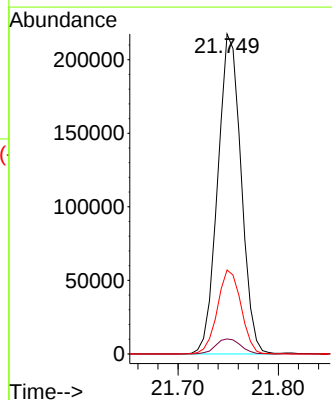
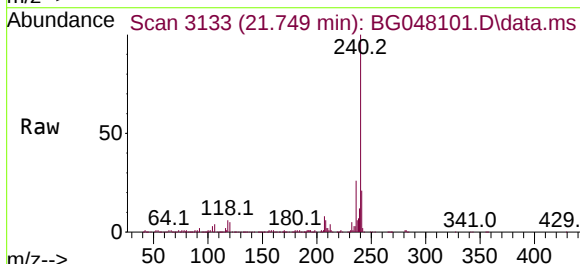
Instrument :
BNA_G
ClientSampleId :
OU421-004-0205

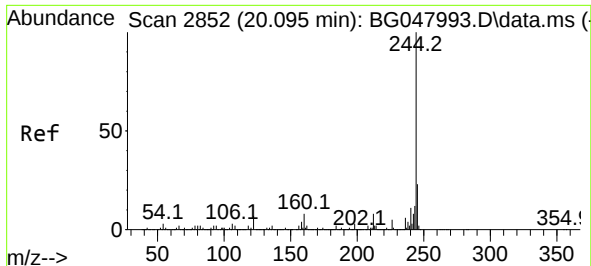
Tgt Ion:248 Resp: 12483
Ion Ratio Lower Upper
248 100
250 203.6 78.9 118.3#
141 550.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.749 min Scan# 3133
Delta R.T. -0.014 min
Lab File: BG048101.D
Acq: 3 Feb 2021 21:38

Tgt Ion:240 Resp: 351880
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.2 20.5 30.7

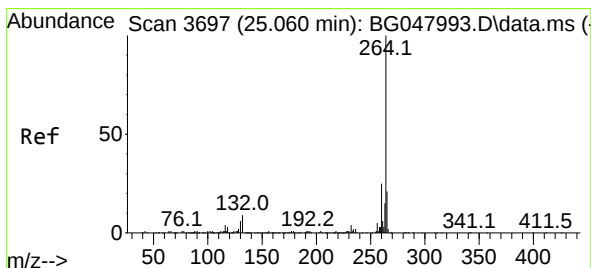
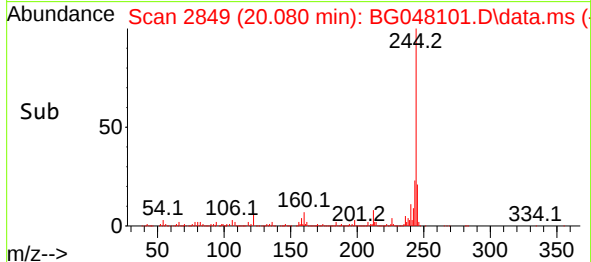
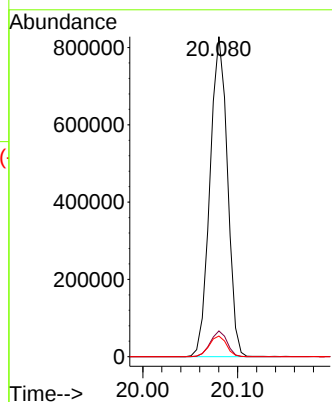
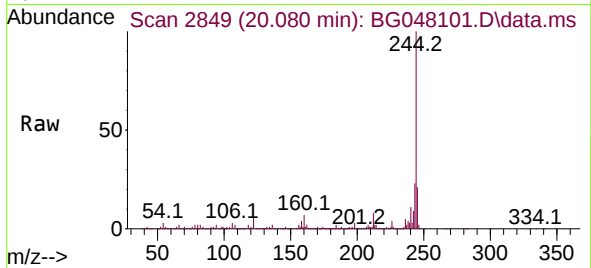




#79
 Terphenyl-d14
 Concen: 52.30 ng
 RT: 20.080 min Scan# 2849
 Delta R.T. -0.008 min
 Lab File: BG048101.D
 Acq: 3 Feb 2021 21:38

Instrument :
 BNA_G
 ClientSampleId :
 OU421-004-0205

Tgt Ion:244 Resp: 1061457
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 6.4 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.022 min Scan# 3690
 Delta R.T. -0.019 min
 Lab File: BG048101.D
 Acq: 3 Feb 2021 21:38

Tgt Ion:264 Resp: 351381
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.8 28.2
 265 22.3 17.8 26.8

