

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048088.D
 Acq On : 3 Feb 2021 12:22
 Operator : CG/JU
 Sample : M1292-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-009-1015

Quant Time: Feb 03 13:23:29 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)

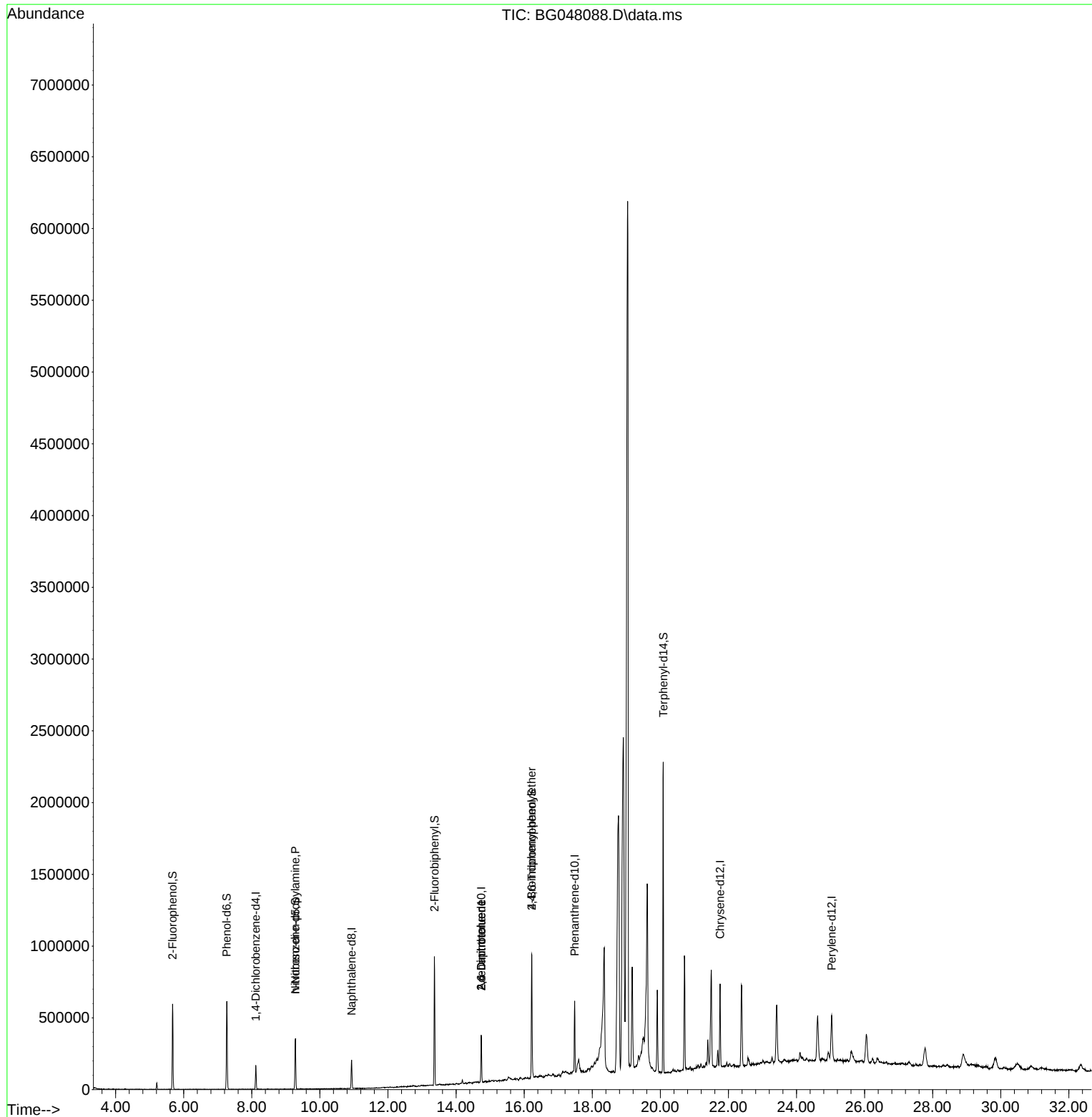
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	42401	20.00	ng	# 0.00
21) Naphthalene-d8	10.932	136	158516	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	111081	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	311172	20.00	ng	# 0.00
76) Chrysene-d12	21.754	240	360779	20.00	ng	# 0.00
86) Perylene-d12	25.033	264	363265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	236837	85.84	ng	0.00
7) Phenol-d6	7.265	99	315612	75.24	ng	0.00
23) Nitrobenzene-d5	9.281	82	218308	54.49	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	182992	98.91	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	467532	54.42	ng	0.00
79) Terphenyl-d14	20.086	244	971933	46.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.281	70	31011	10.13	ng	# 77
51) 2,6-Dinitrotoluene	14.739	165	14535	6.95	ng	# 37
57) 2,4-Dinitrotoluene	14.739	165	14535	4.82	ng	# 35
67) 4-Bromophenyl-phenylether	16.220	248	12521	3.01	ng	# 1

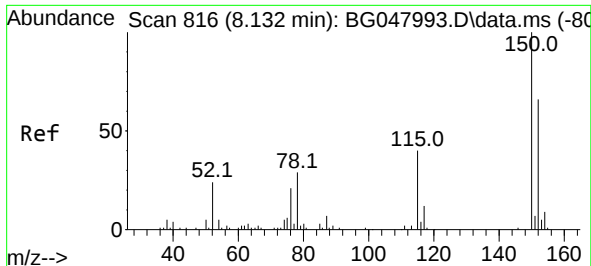
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048088.D
Acq On : 3 Feb 2021 12:22
Operator : CG/JU
Sample : M1292-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OU421-009-1015

Quant Time: Feb 03 13:23:29 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

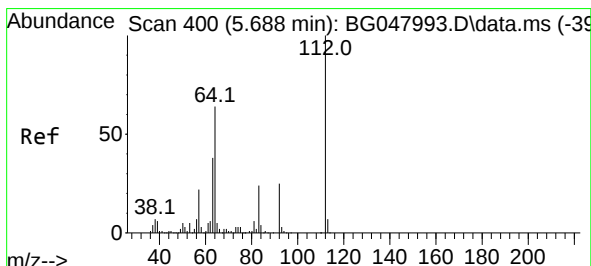
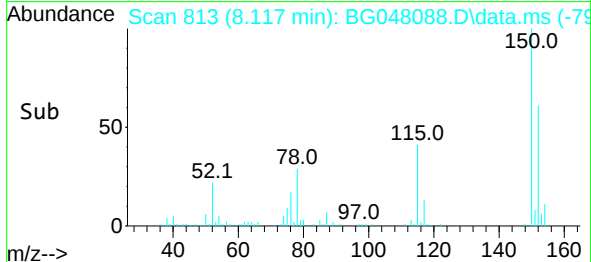
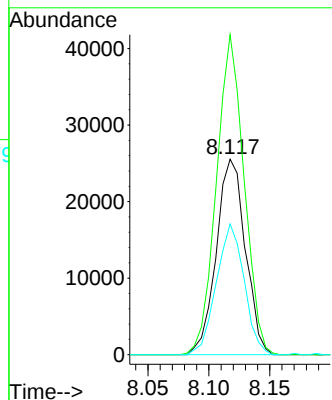
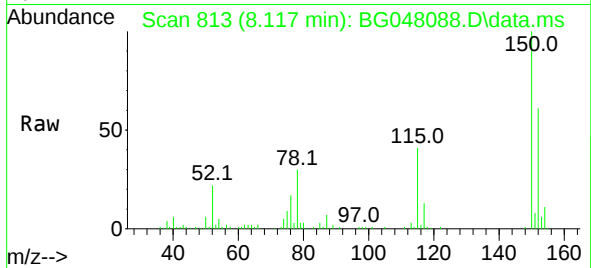




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

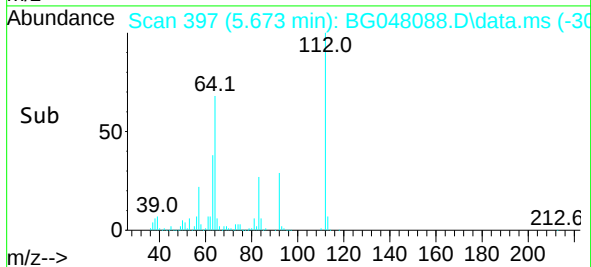
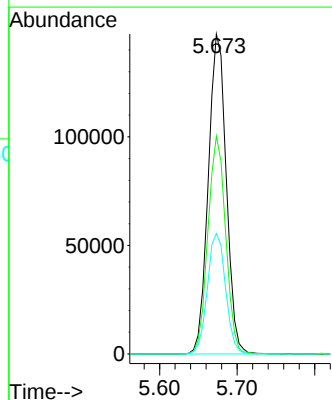
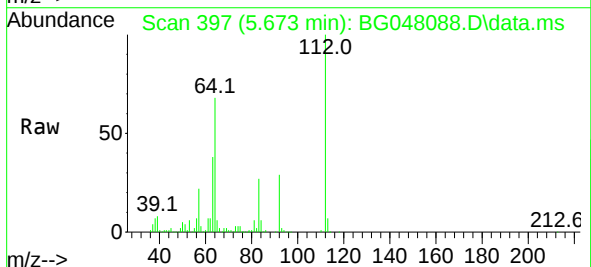
Instrument :
BNA_G
ClientSampleId :
OU421-009-1015

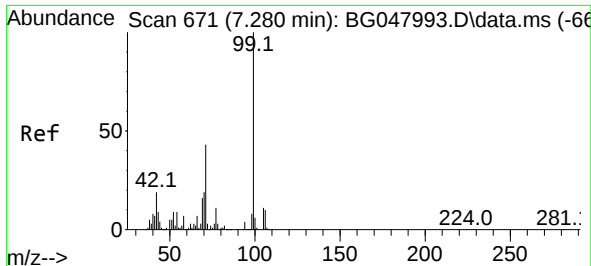
Tgt Ion:152 Resp: 42401
Ion Ratio Lower Upper
152 100
150 163.7 125.0 187.6
115 66.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 85.84 ng
RT: 5.673 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

Tgt Ion:112 Resp: 236837
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 37.7 22.8 34.2#

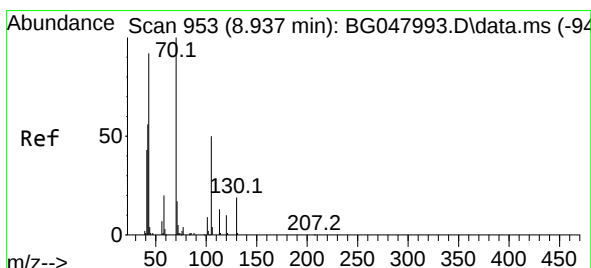
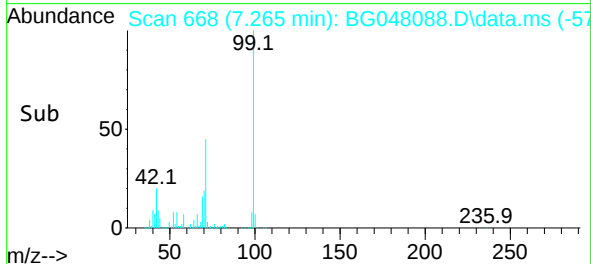
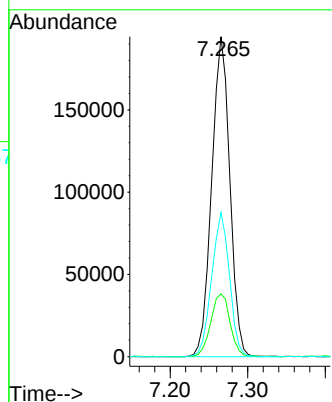
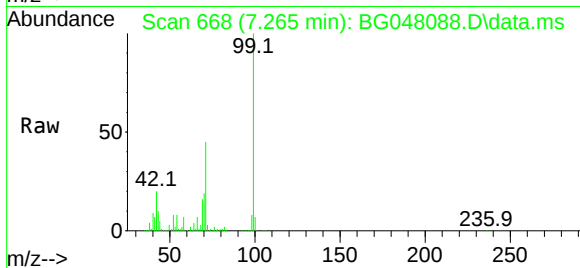




#7
Phenol-d6
Concen: 75.24 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

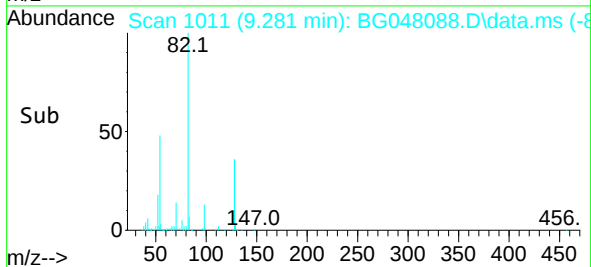
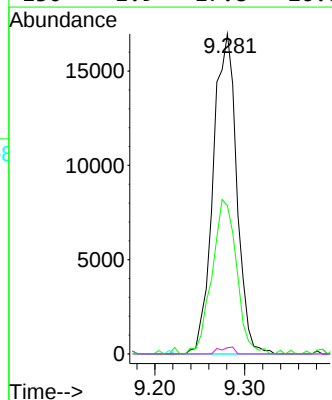
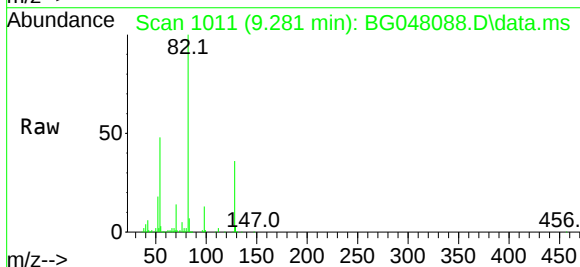
Instrument :
BNA_G
ClientSampleId :
OU421-009-1015

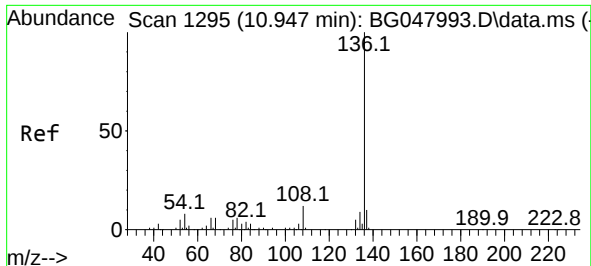
Tgt Ion: 99 Resp: 315612
Ion Ratio Lower Upper
99 100
42 19.6 12.8 19.2#
71 45.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.13 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.356 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

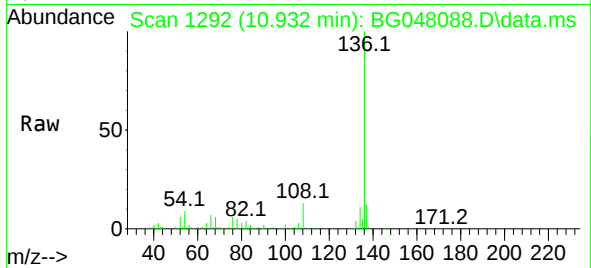
Tgt Ion: 70 Resp: 31011
Ion Ratio Lower Upper
70 100
42 46.4 45.6 68.4
101 0.0 8.4 12.6#
130 1.9 17.8 26.8#



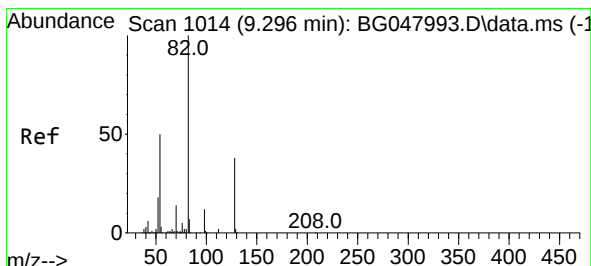
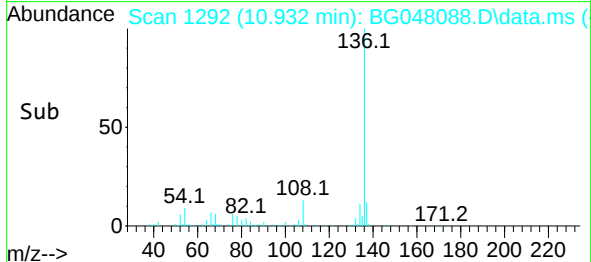
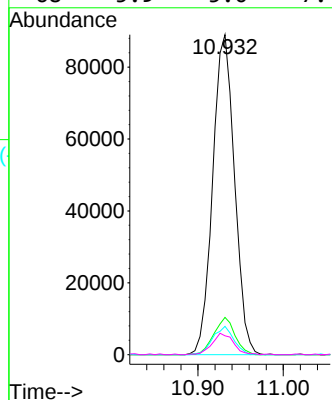


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1292
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

Instrument :
BNA_G
ClientSampleId :
OU421-009-1015

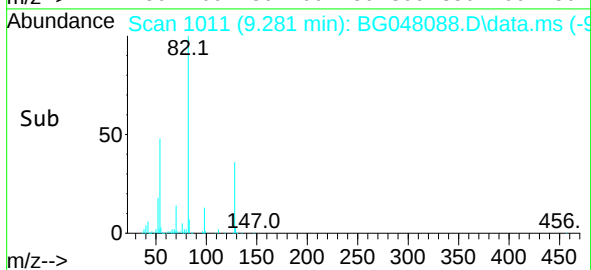
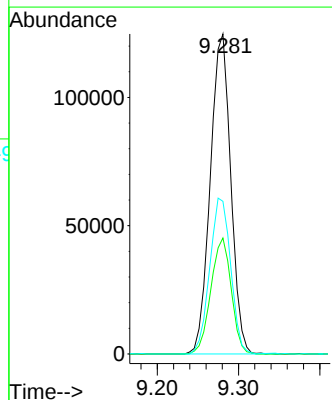
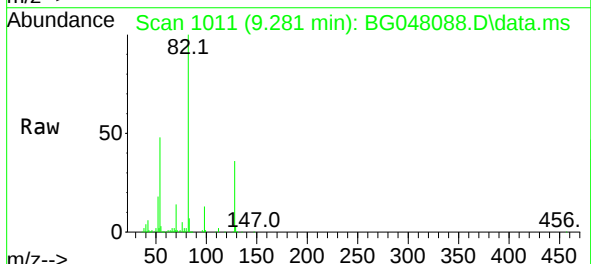


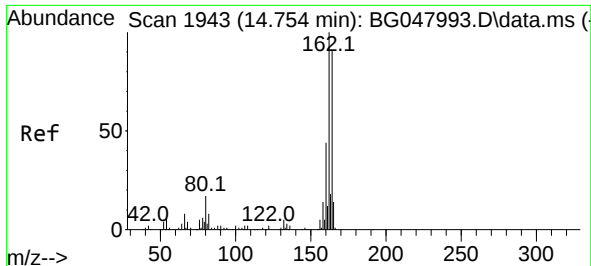
Tgt Ion:136	Resp:	158516
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.1 13.7
54	8.8	6.2 9.4
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 54.49 ng
RT: 9.281 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

Tgt Ion: 82	Resp:	218308
Ion	Ratio	Lower Upper
82	100	
128	36.3	37.0 55.6#
54	47.7	39.0 58.4

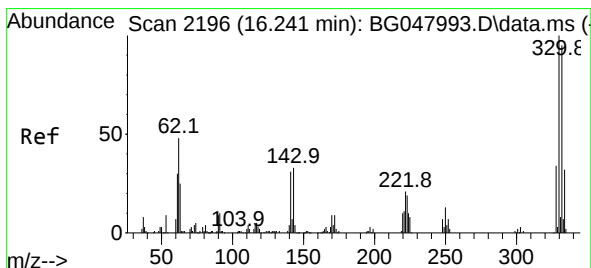
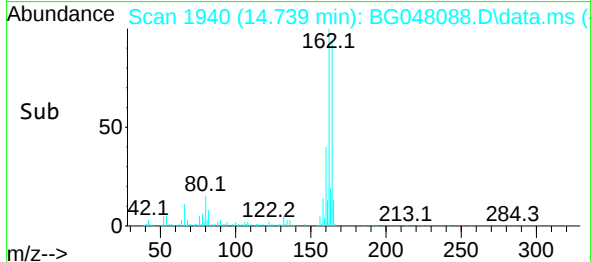
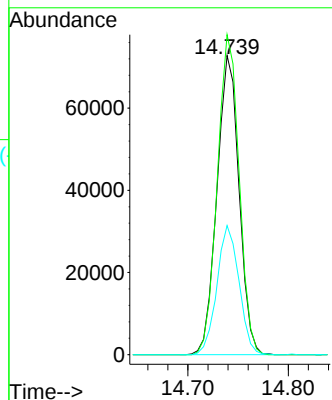
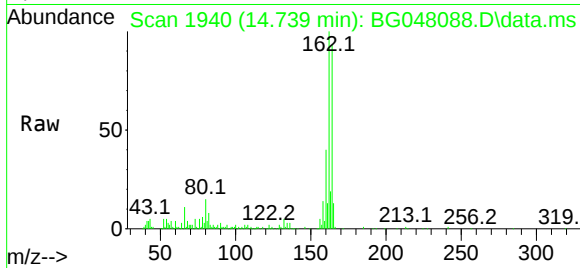




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

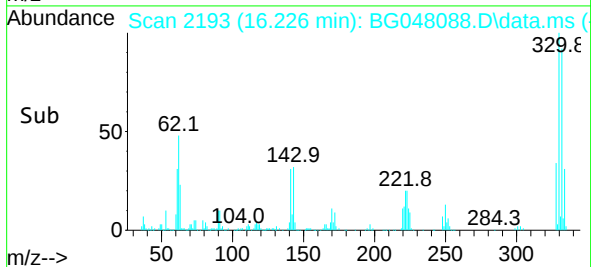
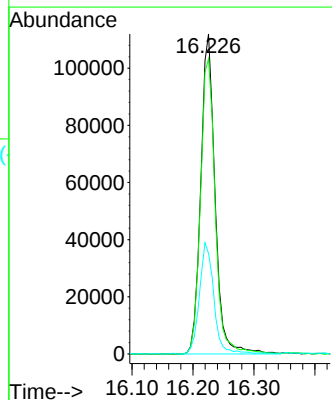
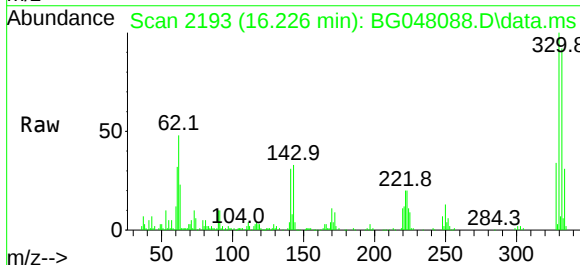
Instrument :
BNA_G
ClientSampleId :
OU421-009-1015

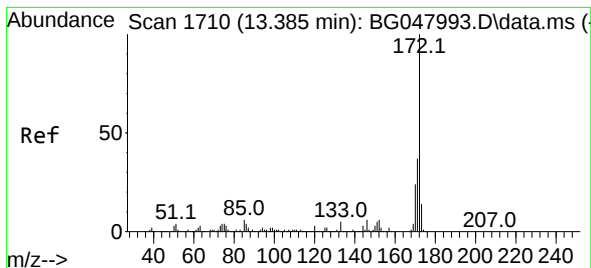
Tgt Ion:164 Resp: 111081
Ion Ratio Lower Upper
164 100
162 107.0 82.3 123.5
160 43.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 98.91 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

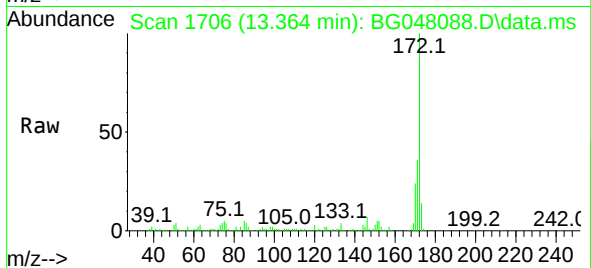
Tgt Ion:330 Resp: 182992
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 35.2 26.0 39.0



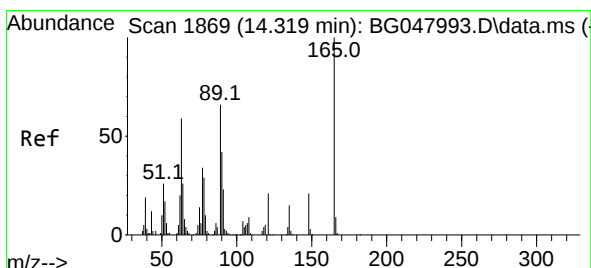
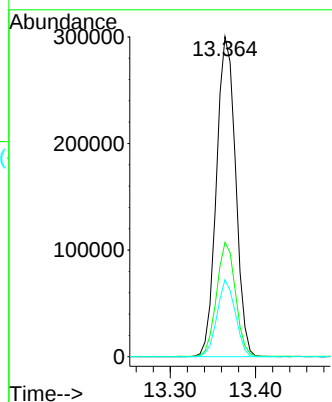
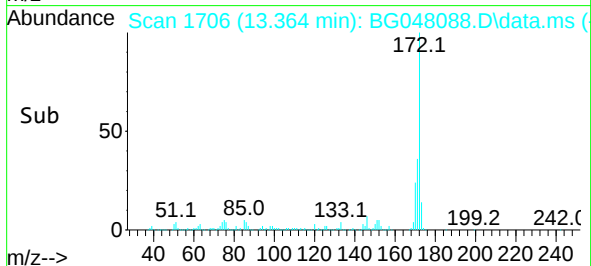


#45
2-Fluorobiphenyl
Concen: 54.42 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

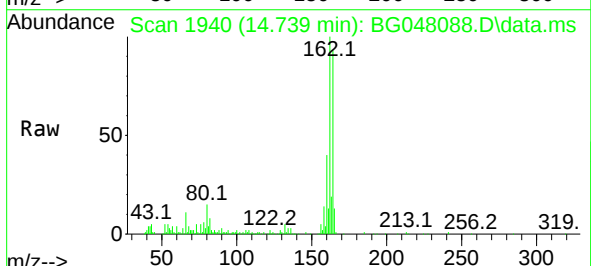
Instrument :
BNA_G
ClientSampleId :
OU421-009-1015



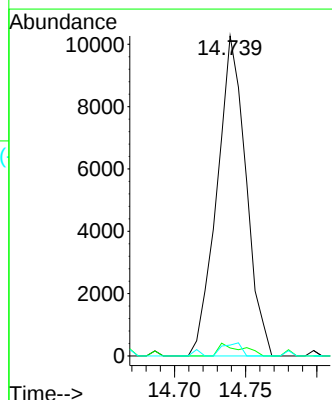
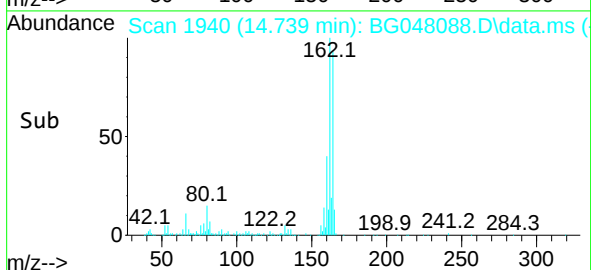
Tgt Ion:172 Resp: 467532
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 24.1 20.8 31.2

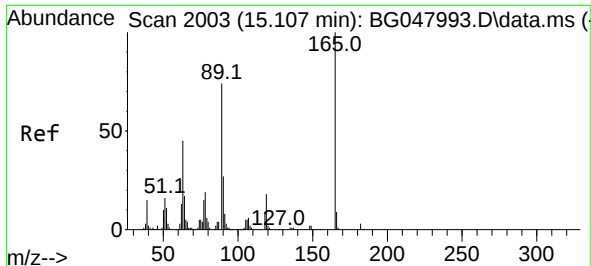


#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.433 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22



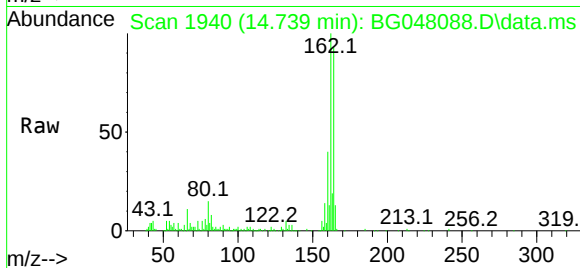
Tgt Ion:165 Resp: 14535
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 3.4 36.6 54.8#



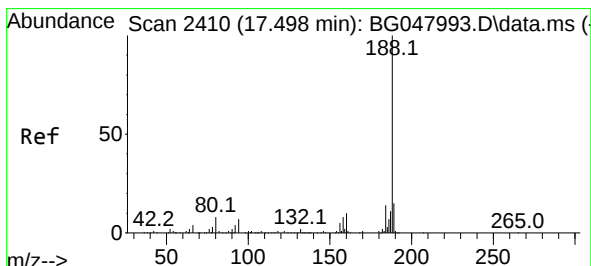
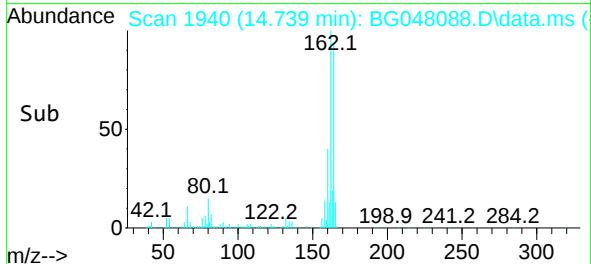
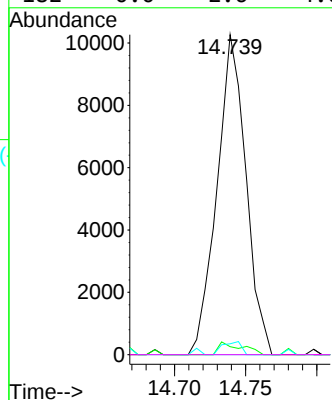


#57
2,4-Dinitrotoluene
Concen: 4.82 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.355 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

Instrument :
BNA_G
ClientSampleId :
OU421-009-1015

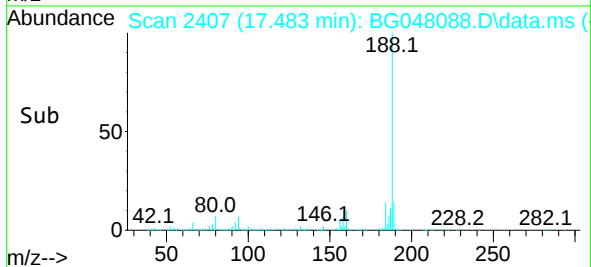
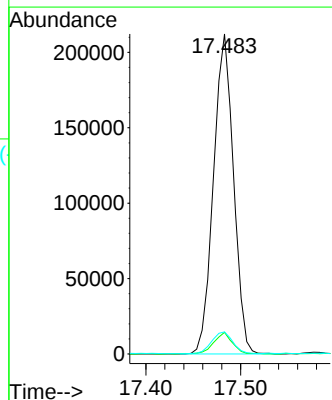
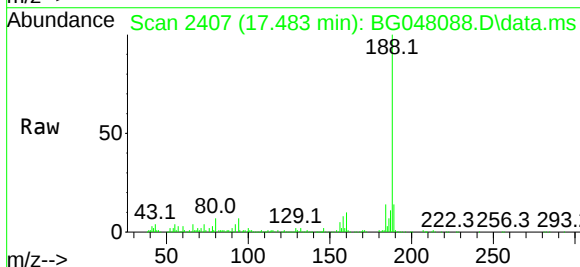


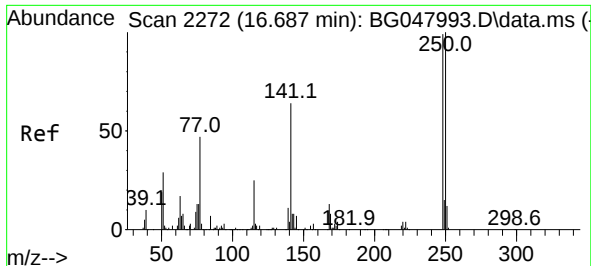
Tgt Ion:165 Resp: 14535
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 3.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. -0.002 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

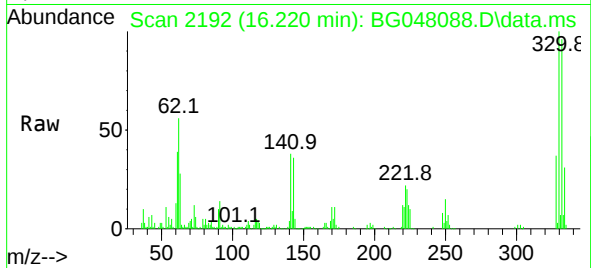
Tgt Ion:188 Resp: 311172
Ion Ratio Lower Upper
188 100
94 6.8 6.3 9.5
80 6.9 7.0 10.6#



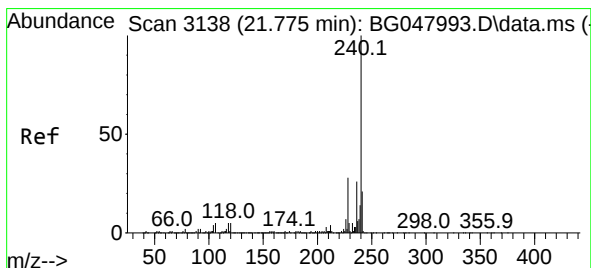
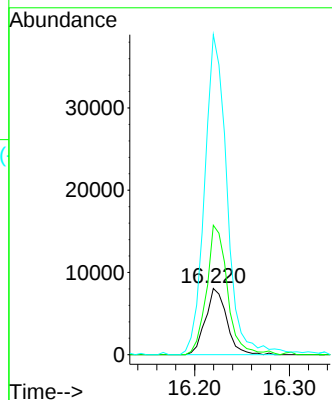
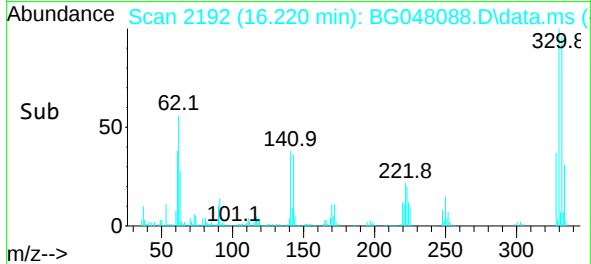


#67
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.455 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22

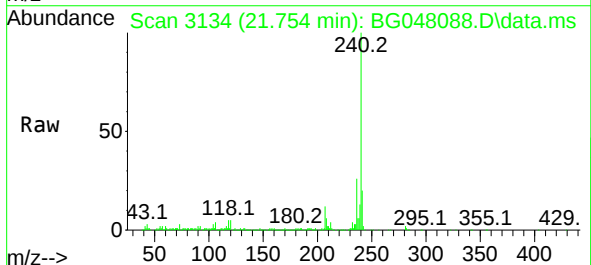
Instrument :
BNA_G
ClientSampleId :
OU421-009-1015



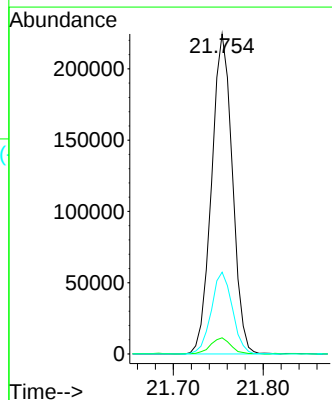
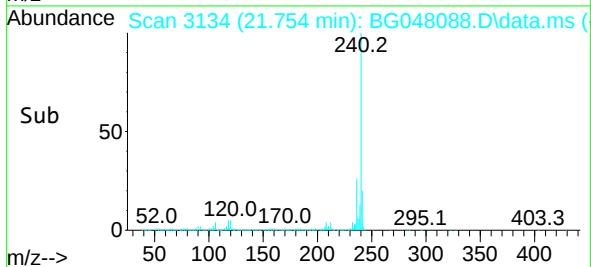
Tgt Ion:248 Resp: 12521
Ion Ratio Lower Upper
248 100
250 195.3 78.9 118.3#
141 482.8 46.2 69.4#

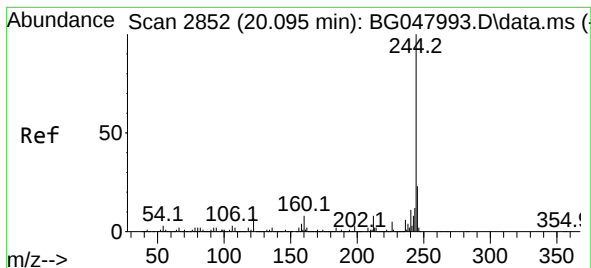


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.754 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BG048088.D
Acq: 3 Feb 2021 12:22



Tgt Ion:240 Resp: 360779
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 46.71 ng

RT: 20.086 min Scan# 2850

Delta R.T. -0.002 min

Lab File: BG048088.D

Acq: 3 Feb 2021 12:22

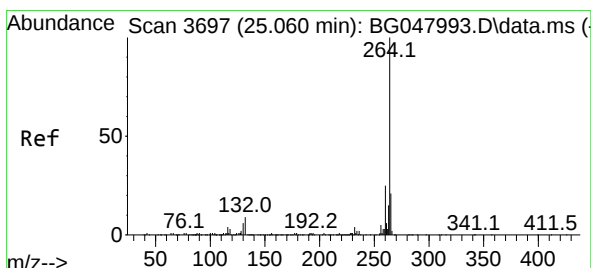
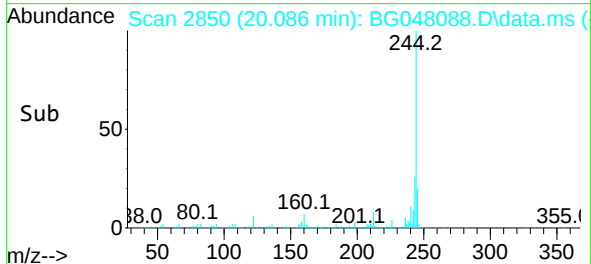
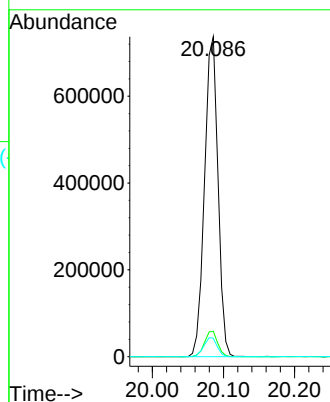
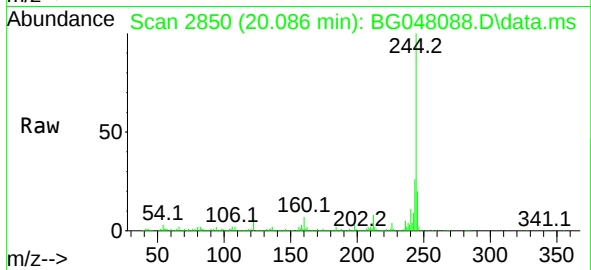
Tgt Ion:244 Resp: 971933

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

122 5.8 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.033 min Scan# 3692

Delta R.T. -0.008 min

Lab File: BG048088.D

Acq: 3 Feb 2021 12:22

Tgt Ion:264 Resp: 363265

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 23.1 17.8 26.8

