

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048090.D
 Acq On : 3 Feb 2021 13:43
 Operator : CG/JU
 Sample : M1292-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-010-1012

Quant Time: Feb 03 15:31:07 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)

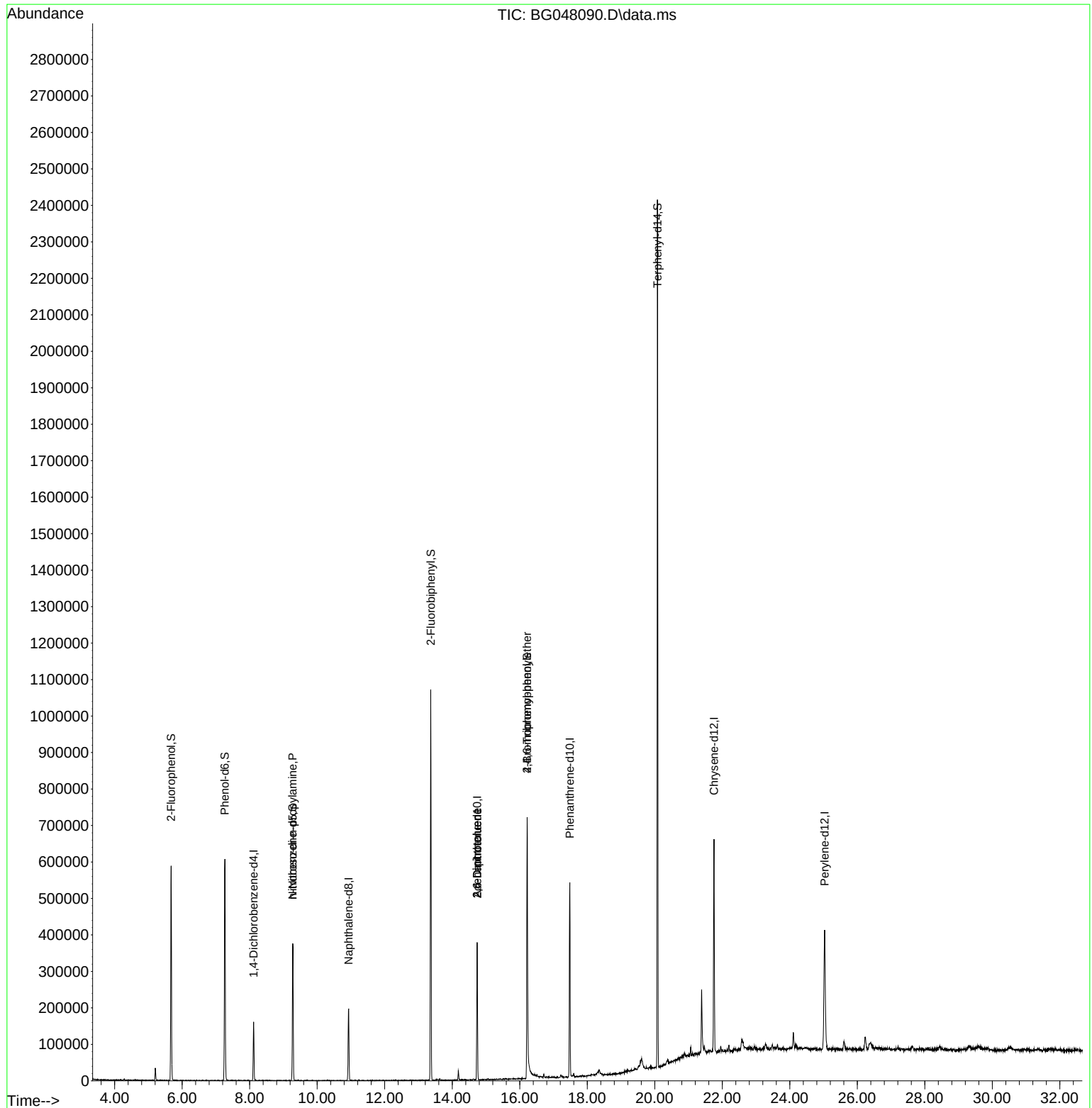
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	41873	20.00	ng	# 0.00
21) Naphthalene-d8	10.932	136	164659	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	128960	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	350053	20.00	ng	# 0.00
76) Chrysene-d12	21.754	240	369823	20.00	ng	# 0.00
86) Perylene-d12	25.033	264	358990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	238203	87.43	ng	0.00
7) Phenol-d6	7.265	99	328982	79.42	ng	0.00
23) Nitrobenzene-d5	9.275	82	231143	55.54	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	171567	79.88	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	547437	54.88	ng	0.00
79) Terphenyl-d14	20.080	244	1049524	49.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	33196	10.98	ng	# 76
51) 2,6-Dinitrotoluene	14.739	165	16271	6.71	ng	# 35
57) 2,4-Dinitrotoluene	14.739	165	16271	4.64	ng	# 33
67) 4-Bromophenyl-phenylether	16.220	248	10768	2.30	ng	# 1

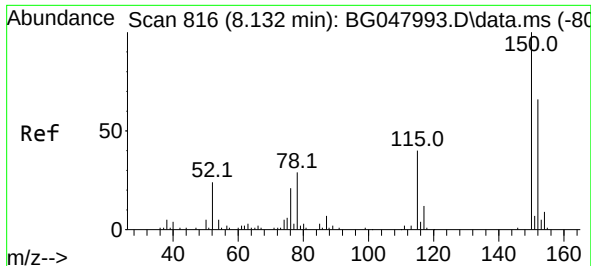
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

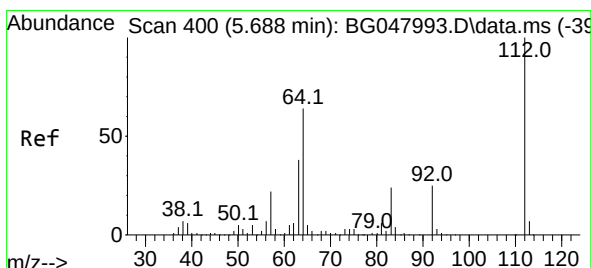
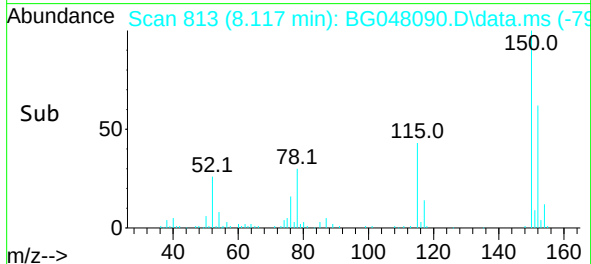
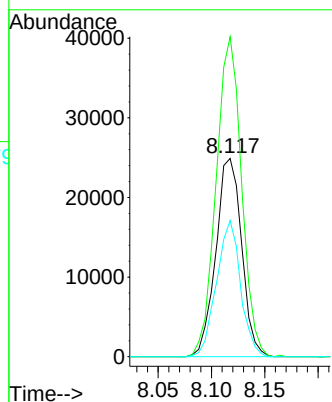
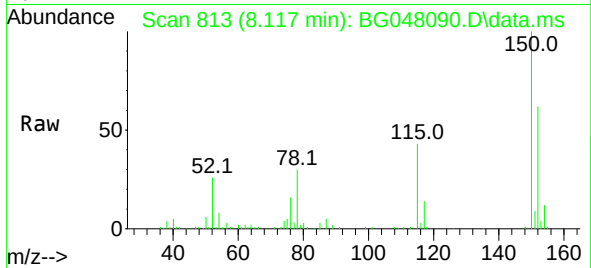




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

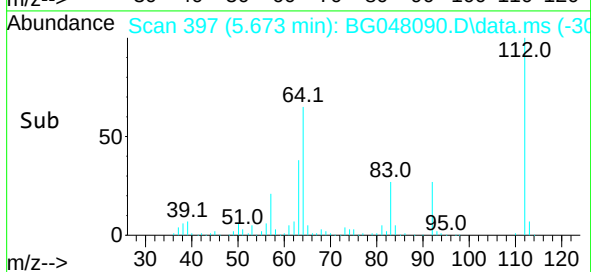
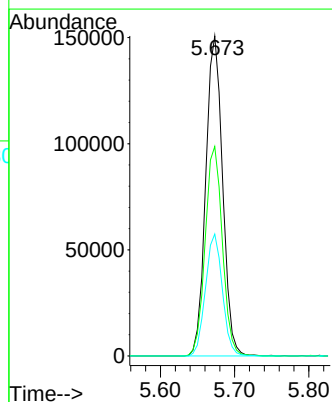
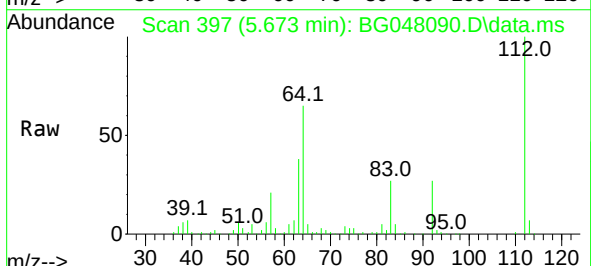
Instrument :
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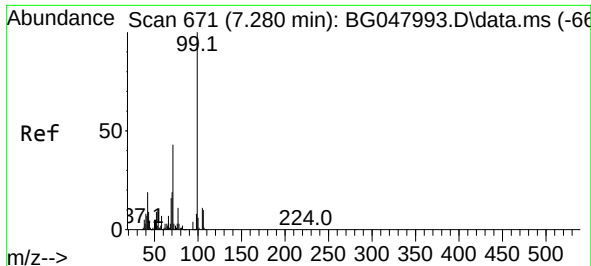
Tgt Ion:152 Resp: 41873
Ion Ratio Lower Upper
152 100
150 161.4 125.0 187.6
115 68.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 87.43 ng
RT: 5.673 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Tgt Ion:112 Resp: 238203
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 38.1 22.8 34.2#

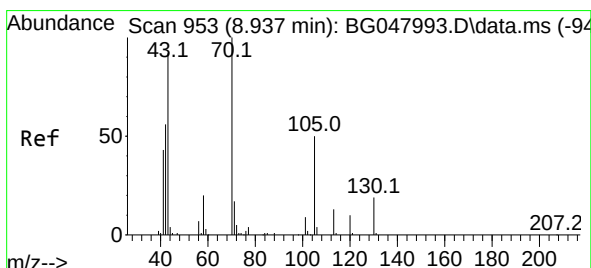
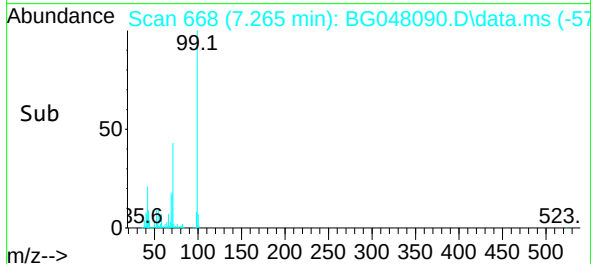
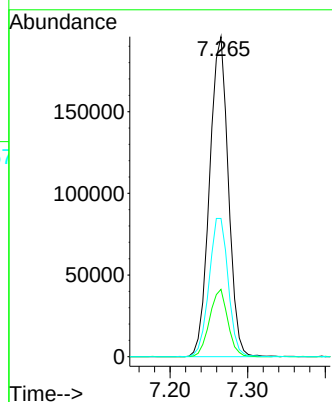
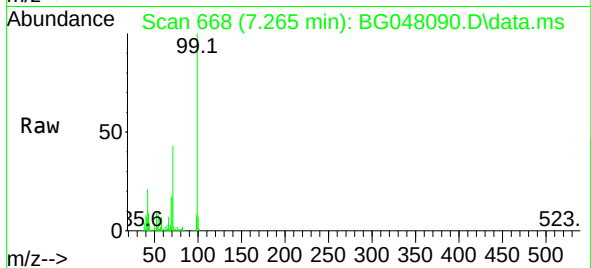




#7
Phenol-d6
Concen: 79.42 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.002 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

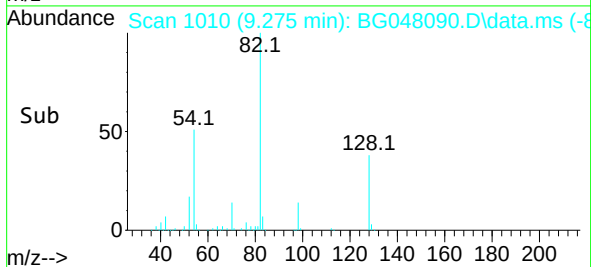
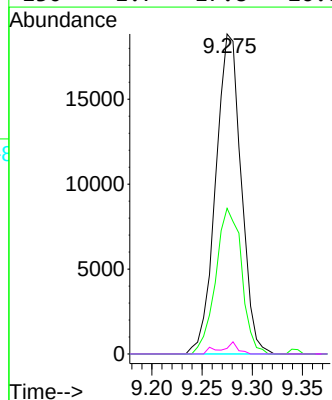
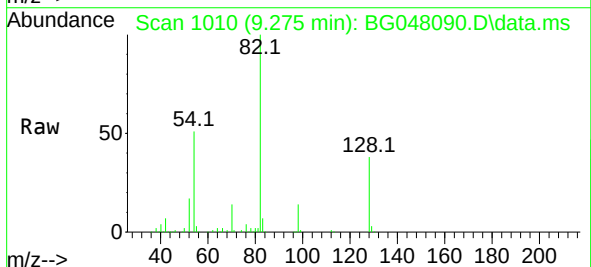
Instrument :
BNA_G
ClientSampleId :
OU421-010-1012

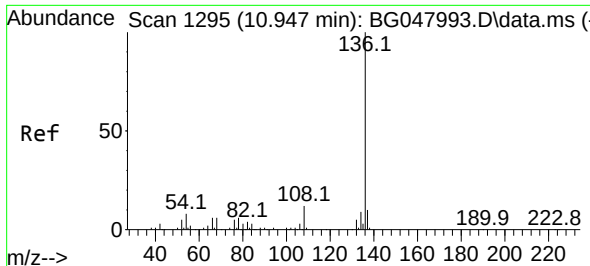
Tgt Ion: 99 Resp: 328982
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 43.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.98 ng
RT: 9.275 min Scan# 1010
Delta R.T. 0.350 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

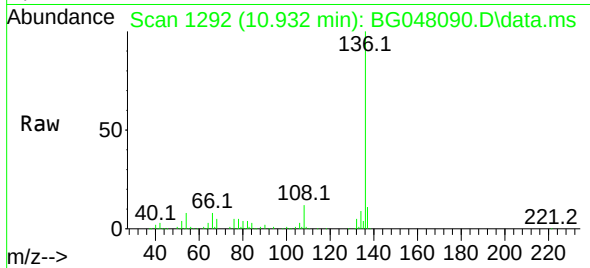
Tgt Ion: 70 Resp: 33196
Ion Ratio Lower Upper
70 100
42 45.5 45.6 68.4#
101 0.0 8.4 12.6#
130 1.7 17.8 26.8#



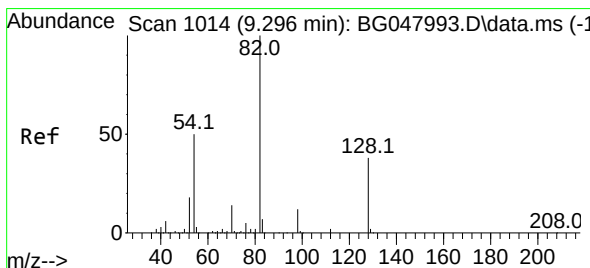
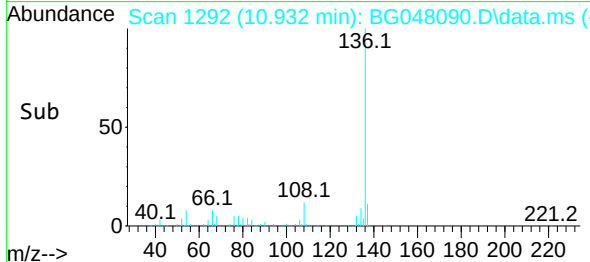
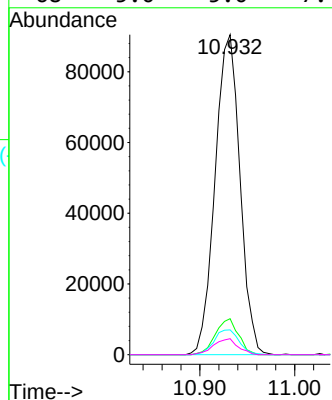


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1292
Delta R.T. -0.002 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Instrument :
BNA_G
ClientSampleId :
OU421-010-1012

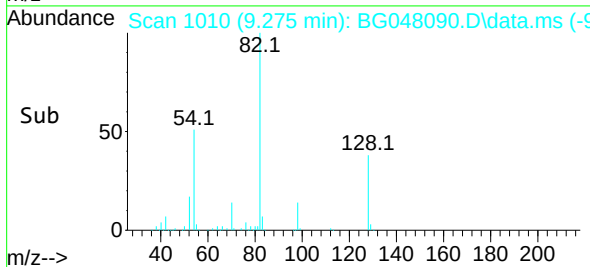
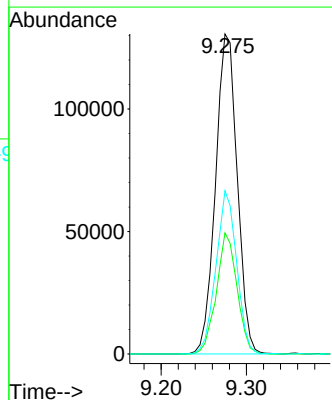
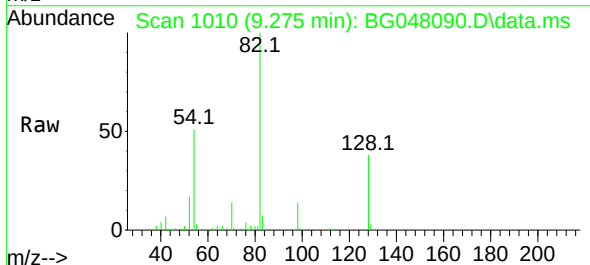


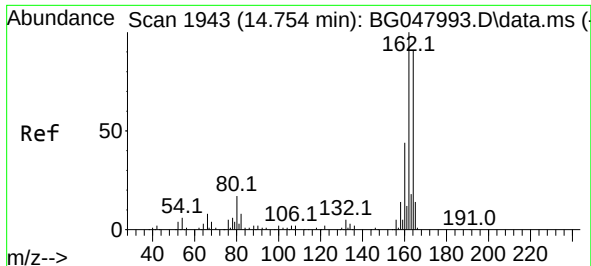
Tgt Ion:136 Resp: 164659
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.2 9.4
68 5.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 55.54 ng
RT: 9.275 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Tgt Ion: 82 Resp: 231143
Ion Ratio Lower Upper
82 100
128 37.9 37.0 55.6
54 51.0 39.0 58.4

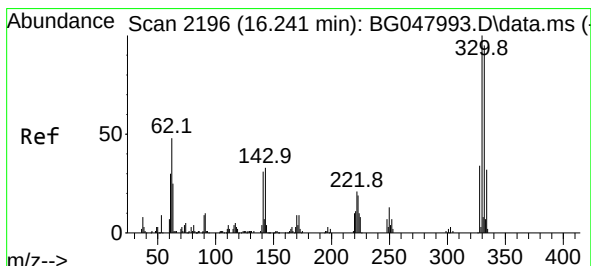
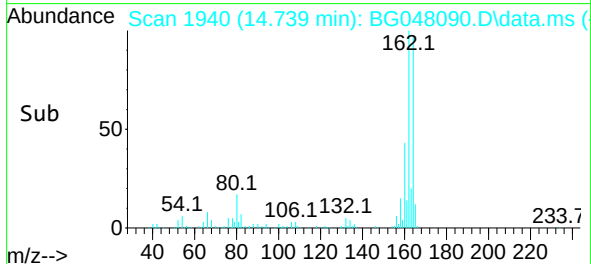
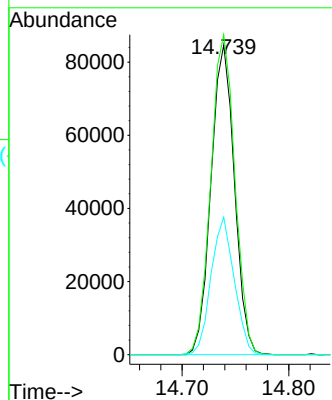
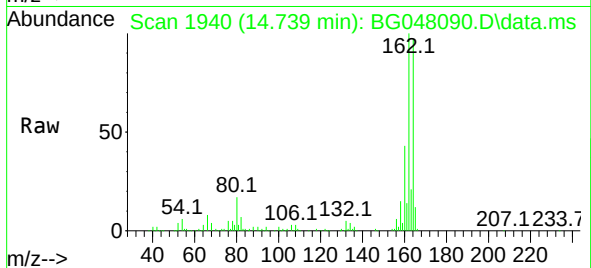




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

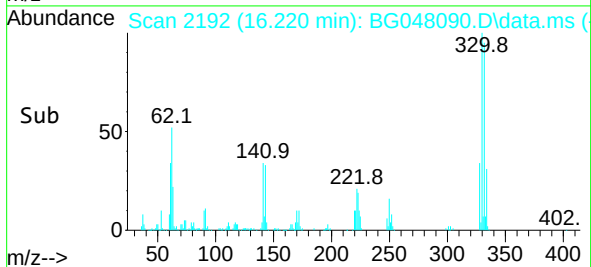
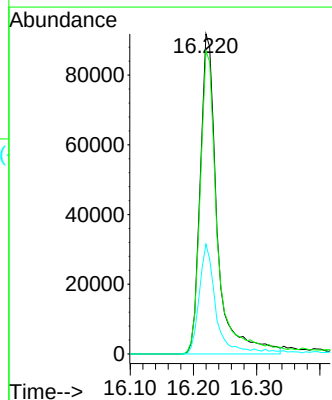
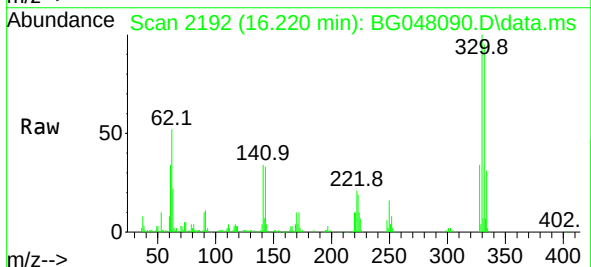
Instrument :
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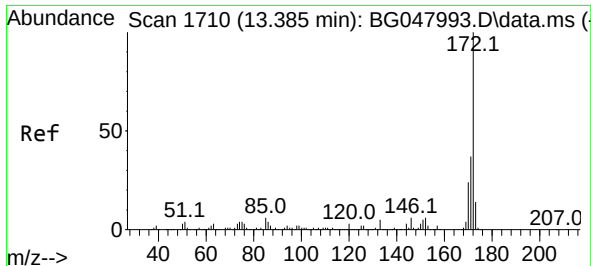
Tgt Ion:164 Resp: 128960
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 44.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 79.88 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.008 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

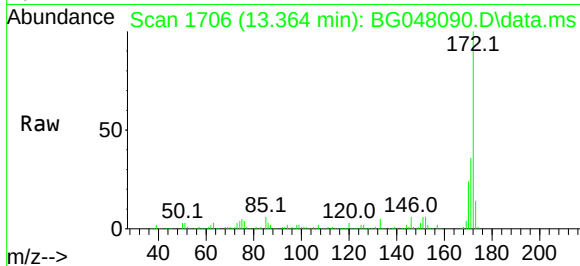
Tgt Ion:330 Resp: 171567
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 33.2 26.0 39.0



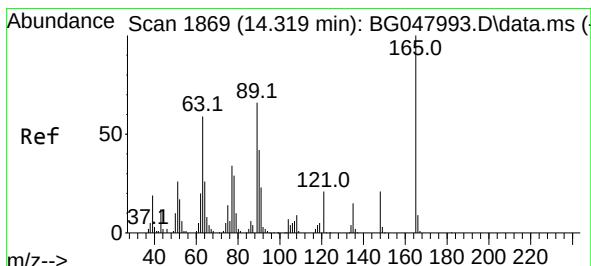
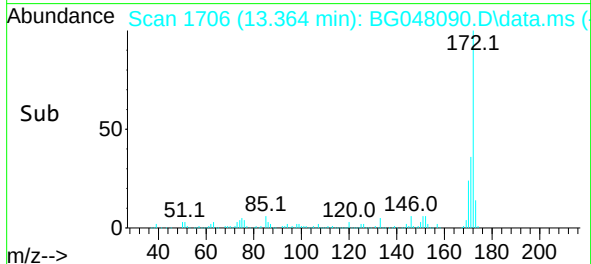
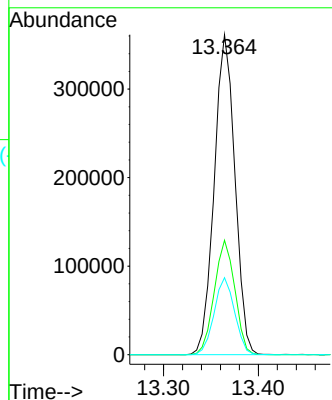


#45
2-Fluorobiphenyl
Concen: 54.88 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Instrument :
BNA_G
ClientSampleId :
OU421-010-1012

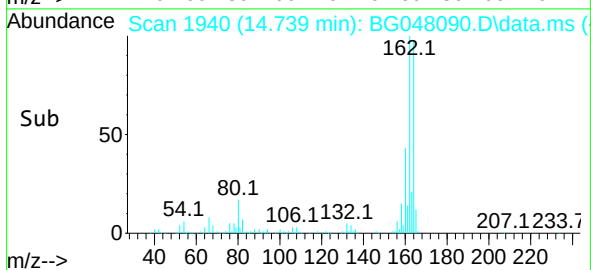
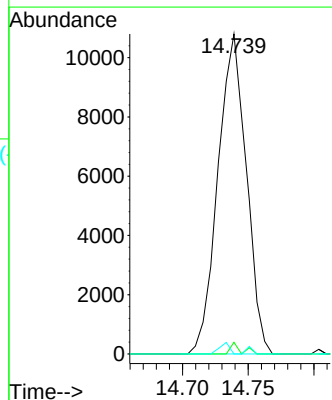
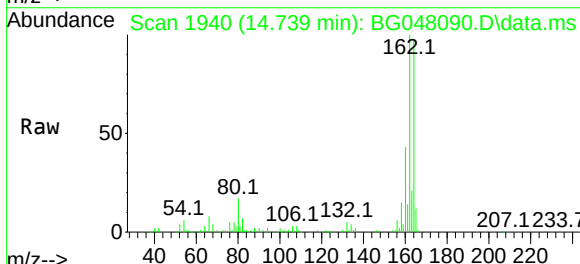


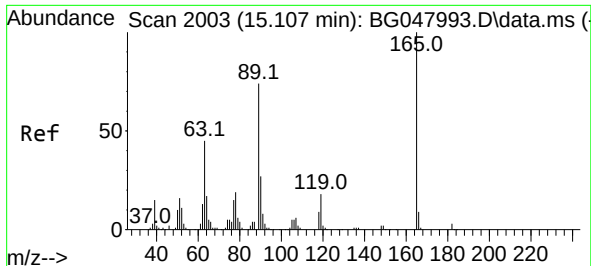
Tgt Ion:172 Resp: 547437
Ion Ratio Lower Upper
172 100
171 35.8 31.3 46.9
170 24.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.71 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.433 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Tgt Ion:165 Resp: 16271
Ion Ratio Lower Upper
165 100
63 3.6 33.7 50.5#
89 0.0 36.6 54.8#

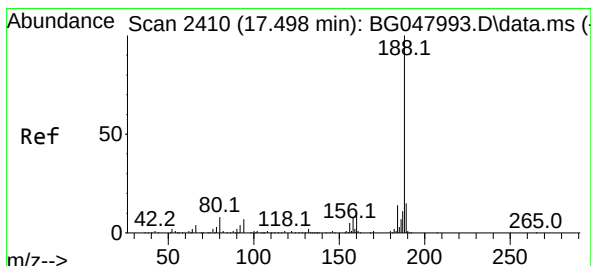
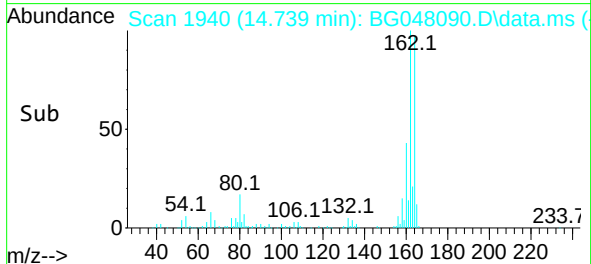
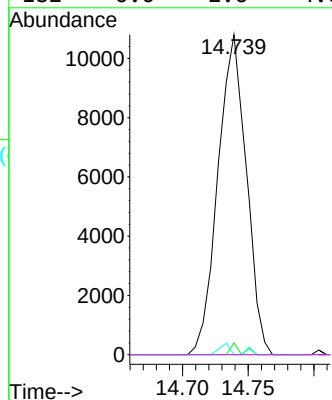
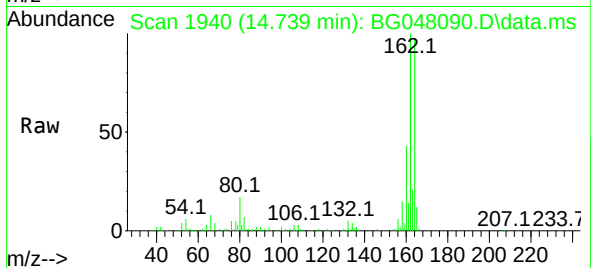




#57
2,4-Dinitrotoluene
Concen: 4.64 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.355 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

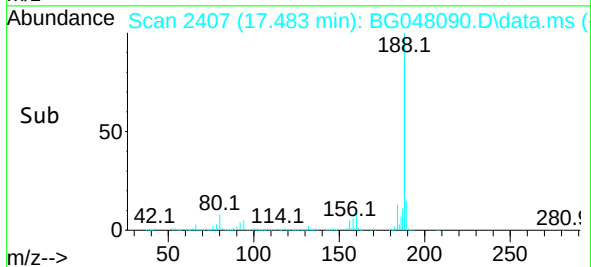
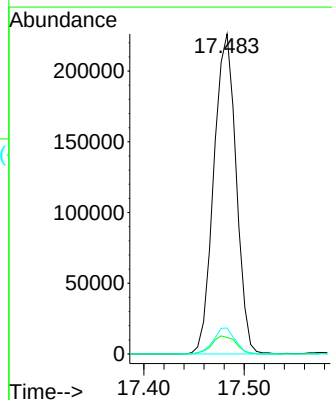
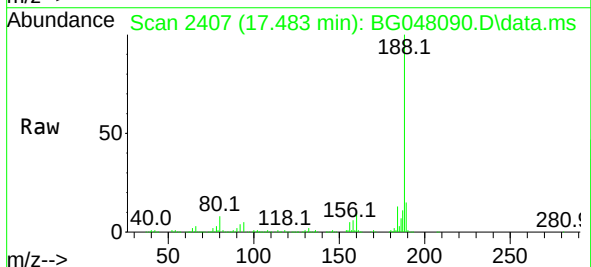
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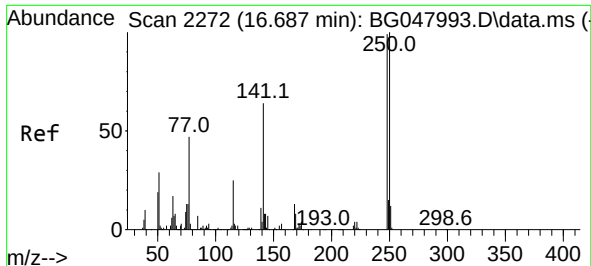
Tgt Ion:165 Resp: 16271
Ion Ratio Lower Upper
165 100
63 3.6 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. -0.002 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Tgt Ion:188 Resp: 350053
Ion Ratio Lower Upper
188 100
94 5.1 6.3 9.5#
80 8.1 7.0 10.6

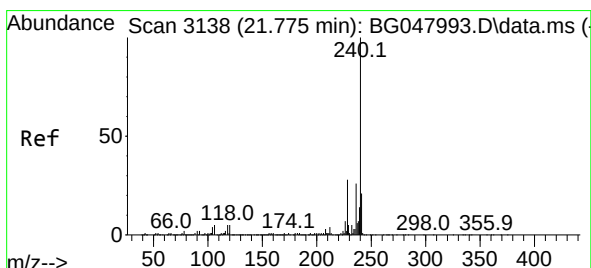
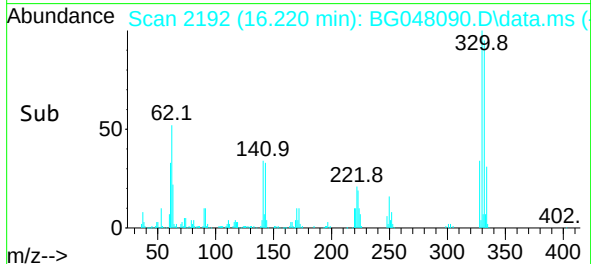
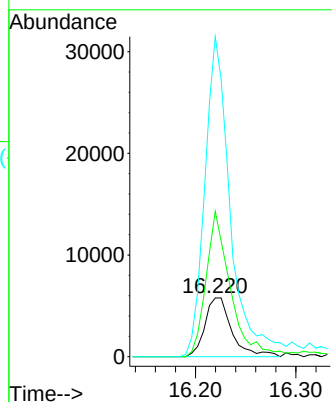
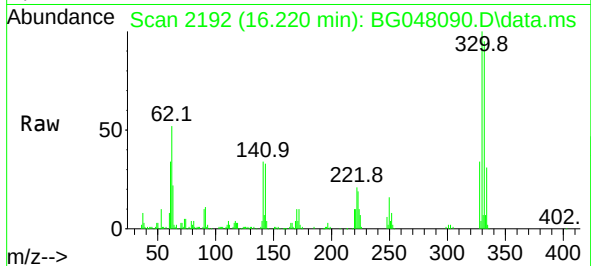




#67
4-Bromophenyl-phenylether
Concen: 2.30 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.455 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

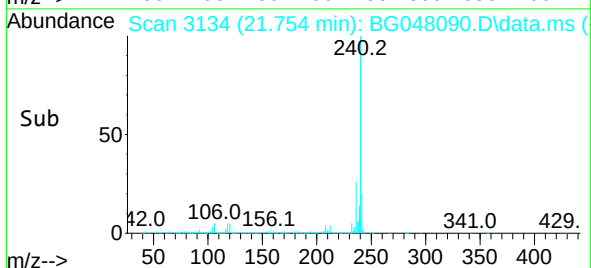
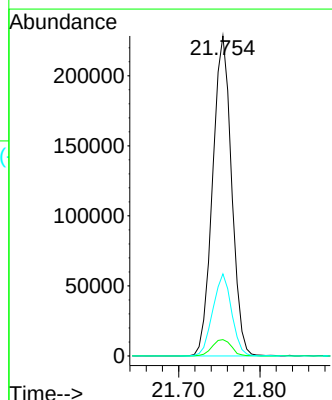
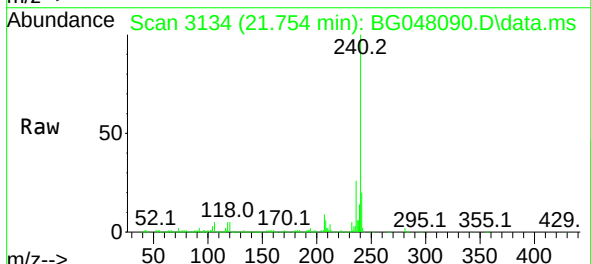
Instrument :
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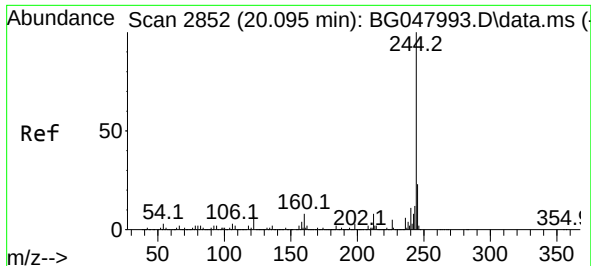
Tgt Ion:248 Resp: 10768
Ion Ratio Lower Upper
248 100
250 247.4 78.9 118.3#
141 544.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.754 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BG048090.D
Acq: 3 Feb 2021 13:43

Tgt Ion:240 Resp: 369823
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.6 20.5 30.7

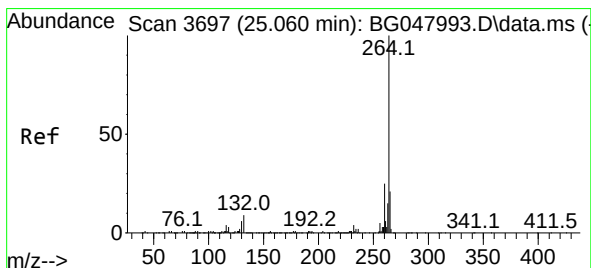
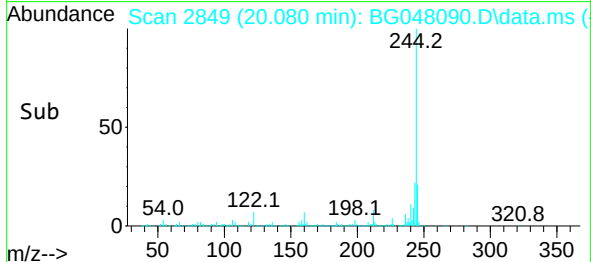
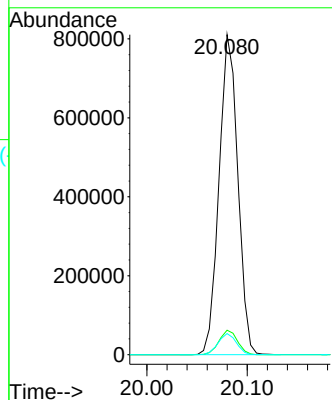
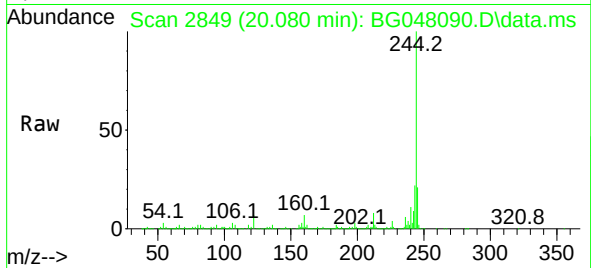




#79
 Terphenyl-d14
 Concen: 49.20 ng
 RT: 20.080 min Scan# 2849
 Delta R.T. -0.008 min
 Lab File: BG048090.D
 Acq: 3 Feb 2021 13:43

Instrument :
 BNA_G
 ClientSampleId :
 OU421-010-1012

Tgt Ion:244 Resp: 1049524
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 6.6 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: BG048090.D
 Acq: 3 Feb 2021 13:43

Tgt Ion:264 Resp: 358990
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.5 17.8 26.8

