

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053256.D
 Acq On : 22 Apr 2022 11:45
 Operator : CG/JU
 Sample : PB144263BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144263BL

Quant Time: Apr 24 01:14:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

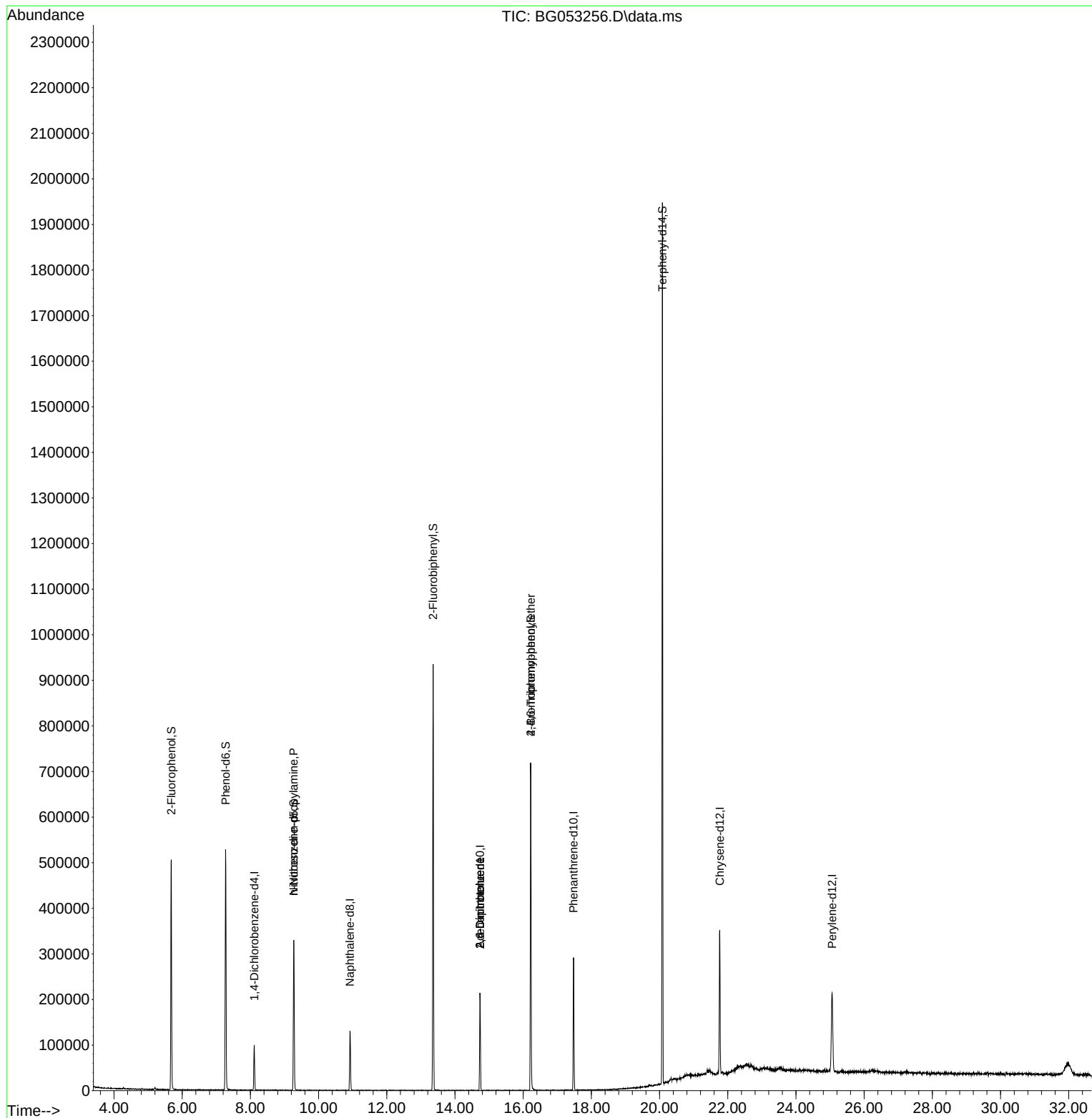
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	27220	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	108679	20.000	ng	0.00
39) Acenaphthene-d10	14.732	164	78780	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	195259	20.000	ng	0.00
76) Chrysene-d12	21.763	240	203694	20.000	ng	0.00
86) Perylene-d12	25.059	264	196536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	210519	132.575	ng	0.00
7) Phenol-d6	7.271	99	300170	122.581	ng	0.00
23) Nitrobenzene-d5	9.269	82	214026	79.962	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	149681	119.424	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	484225	84.755	ng	0.00
79) Terphenyl-d14	20.083	244	998922	82.824	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.269	70	30419	16.968	ng	# 75
51) 2,6-Dinitrotoluene	14.732	165	10088	7.674	ng	# 24
57) 2,4-Dinitrotoluene	14.732	165	10088	5.390	ng	# 22
67) 4-Bromophenyl-phenylether	16.224	248	10025	4.007	ng	# 1

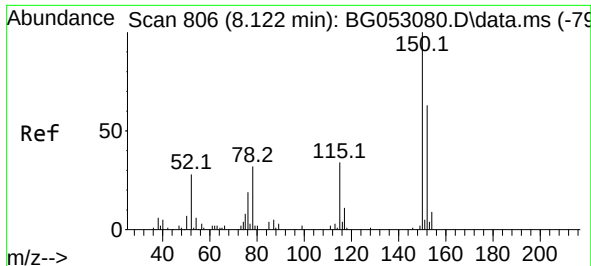
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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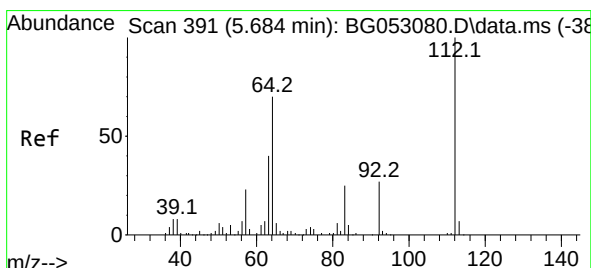
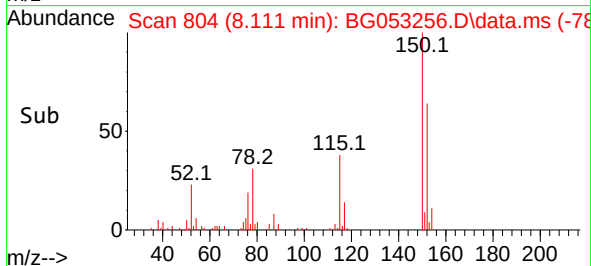
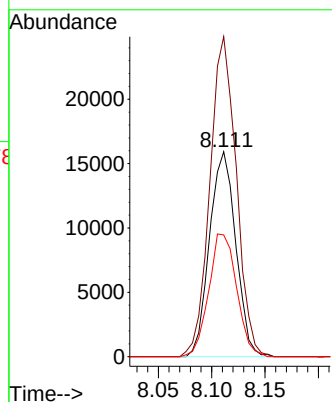
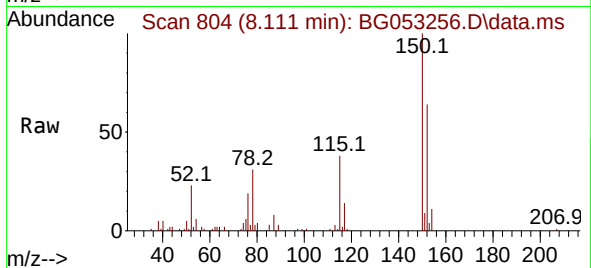




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

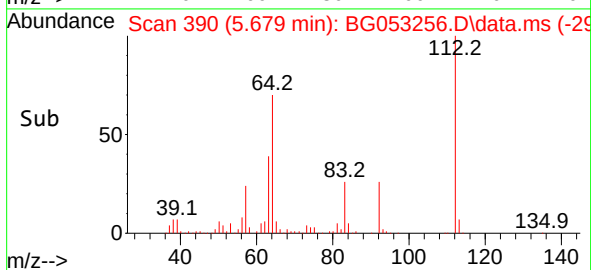
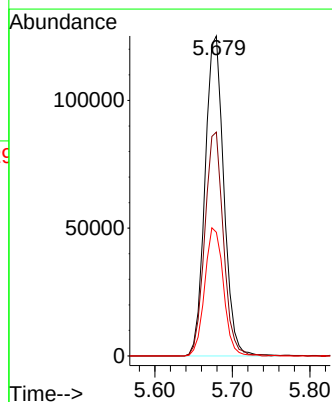
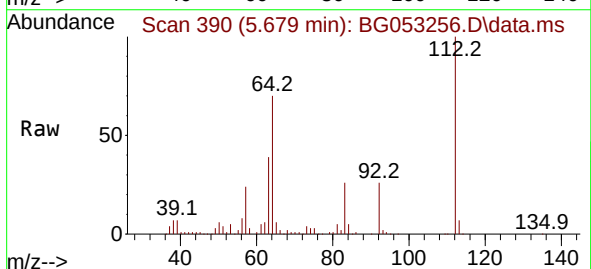
Instrument :
BNA_G
ClientSampleId :
PB144263BL

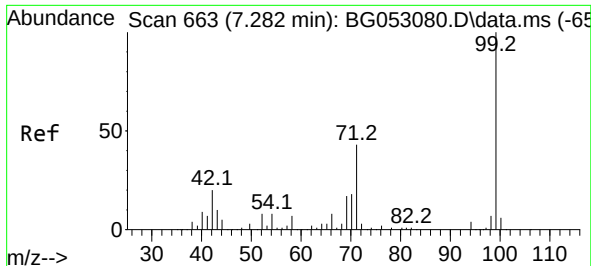
Tgt Ion:152 Resp: 27220
Ion Ratio Lower Upper
152 100
150 156.2 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 132.575 ng
RT: 5.679 min Scan# 390
Delta R.T. 0.004 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion:112 Resp: 210519
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 38.6 26.5 39.7

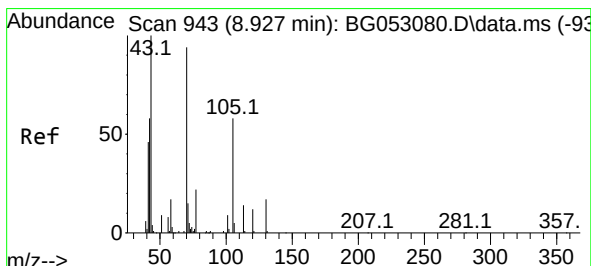
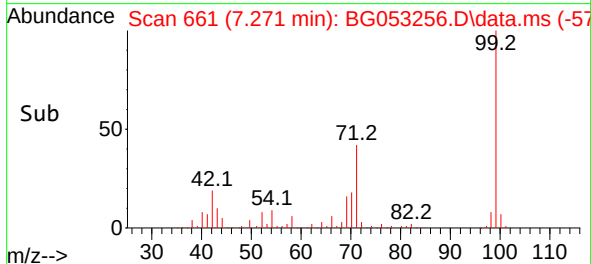
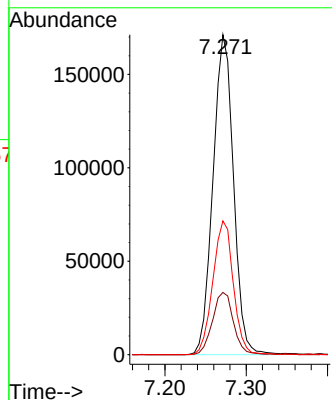
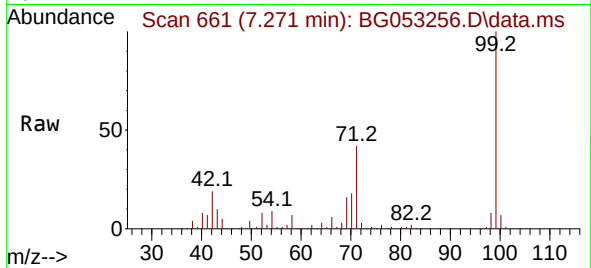




#7
Phenol-d6
Concen: 122.581 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

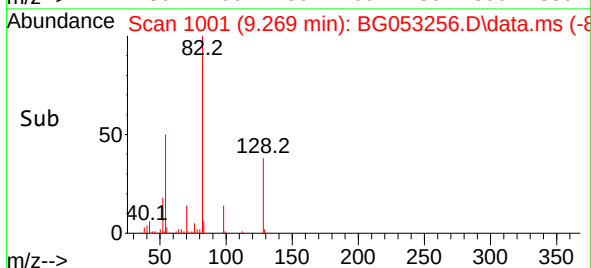
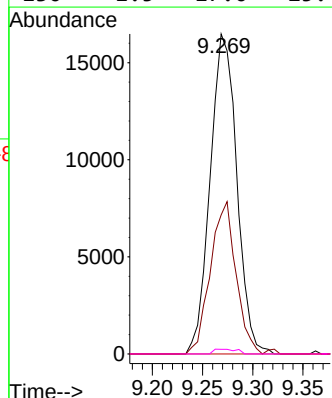
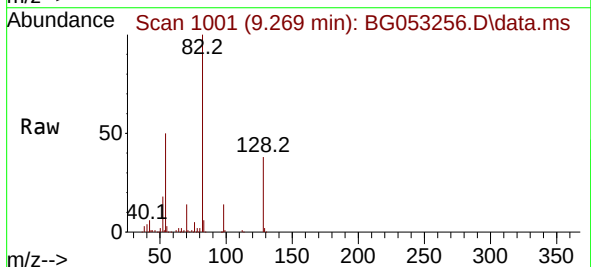
Instrument :
BNA_G
ClientSampleId :
PB144263BL

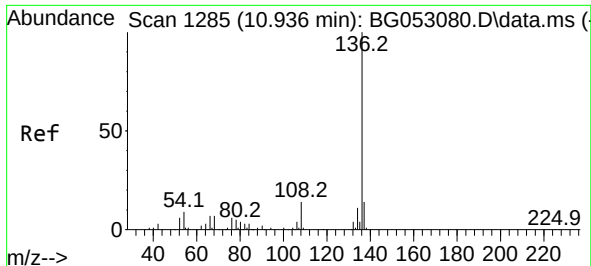
Tgt Ion: 99 Resp: 300170
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 41.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.968 ng
RT: 9.269 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion: 70 Resp: 30419
Ion Ratio Lower Upper
70 100
42 43.5 46.0 69.0#
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

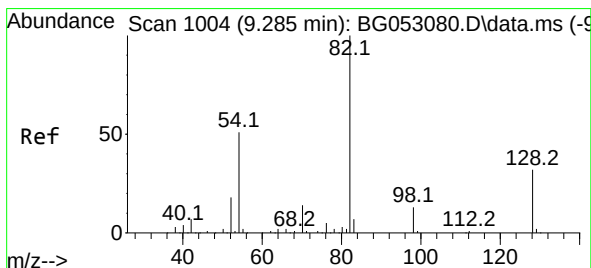
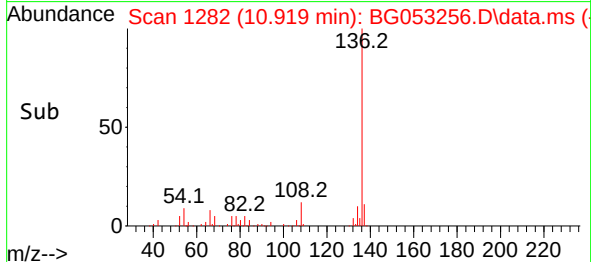
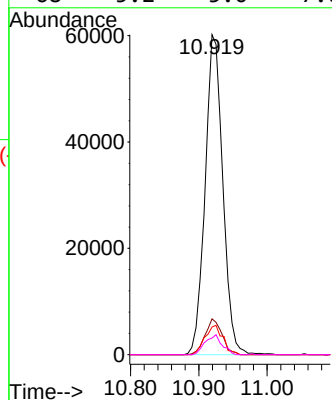
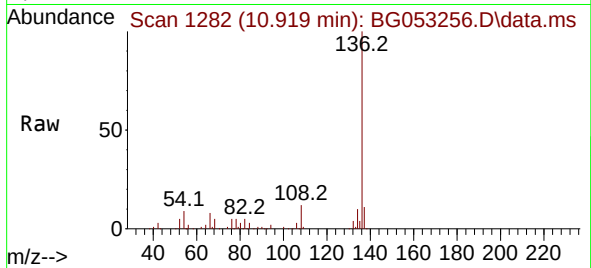




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

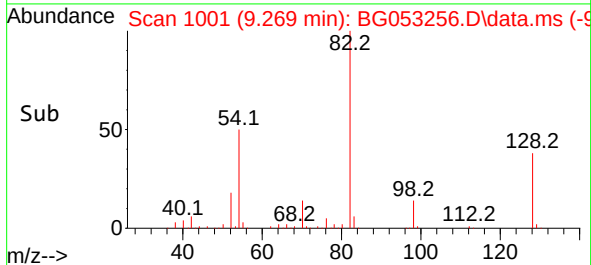
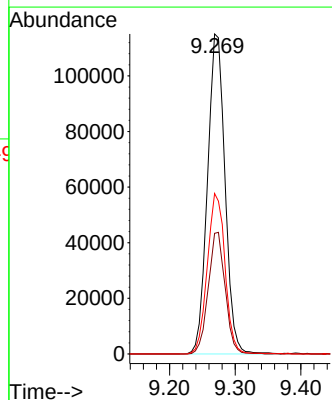
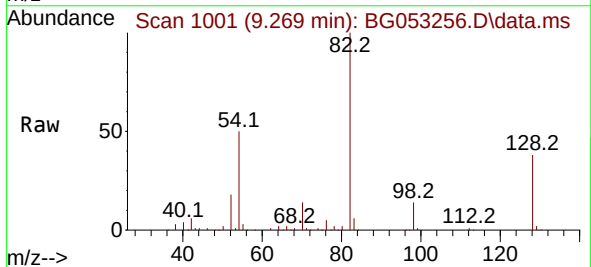
Instrument :
BNA_G
ClientSampleId :
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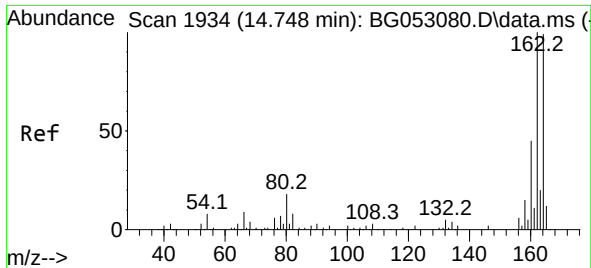
Tgt Ion:136 Resp: 108679
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 8.7 6.4 9.6
68 5.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 79.962 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion: 82 Resp: 214026
Ion Ratio Lower Upper
82 100
128 37.7 31.3 46.9
54 50.2 37.8 56.8

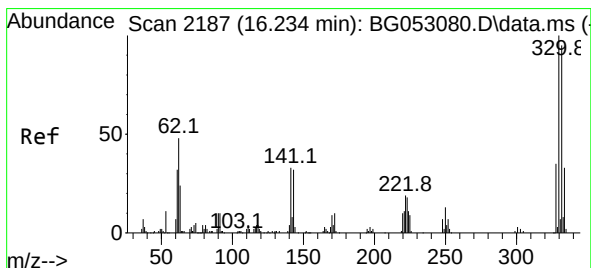
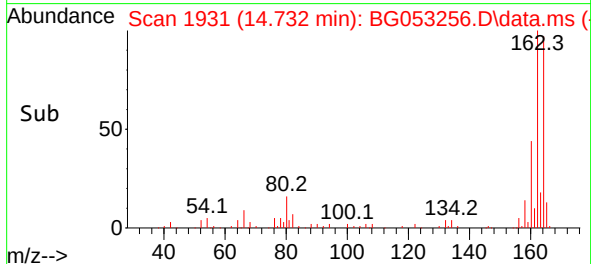
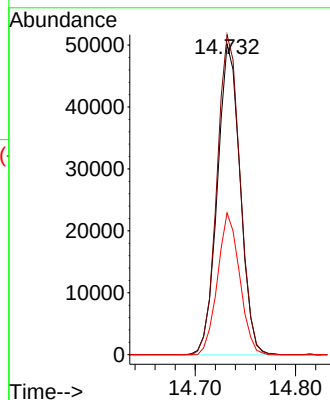
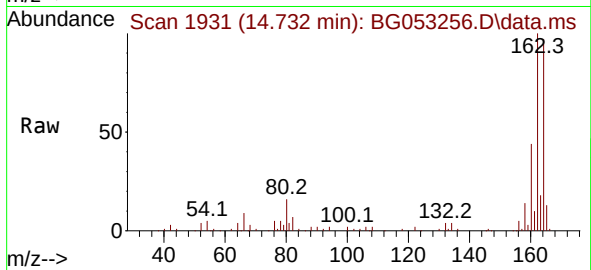




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

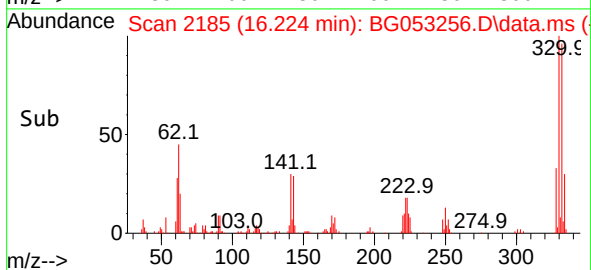
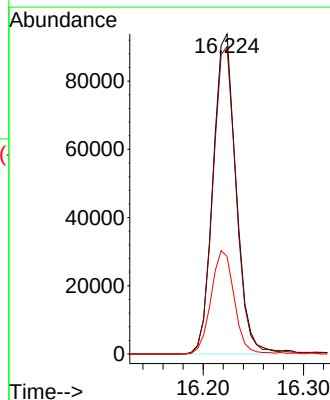
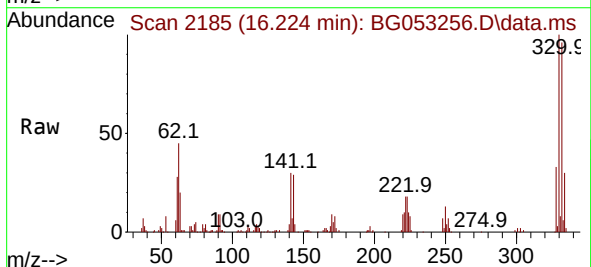
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ClientSampleId :
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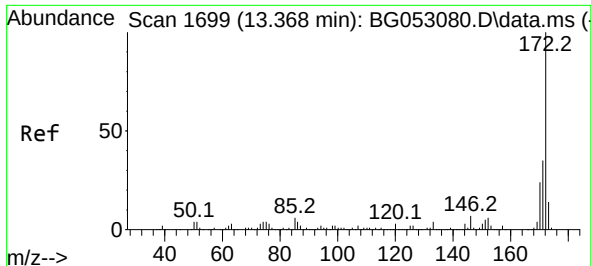
Tgt Ion:164 Resp: 78780
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 45.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 119.424 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion:330 Resp: 149681
Ion Ratio Lower Upper
330 100
332 98.1 75.8 113.6
141 32.7 24.6 36.8

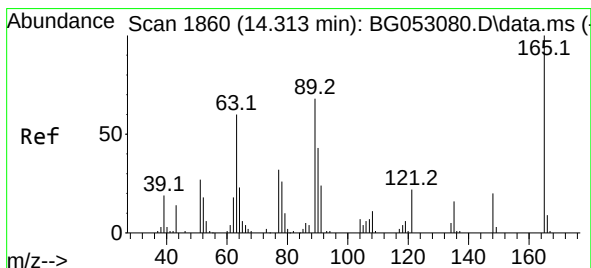
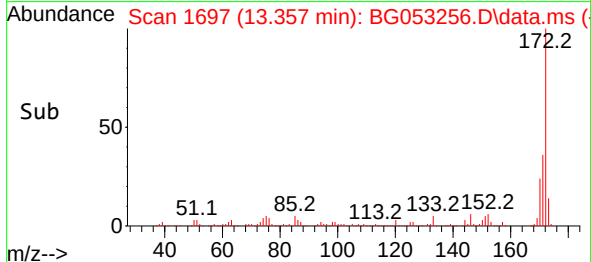
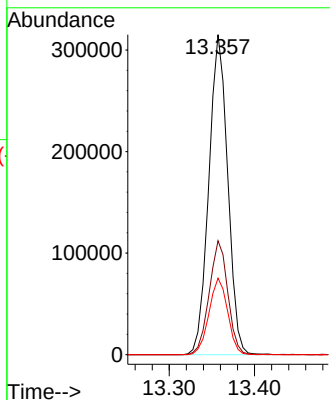
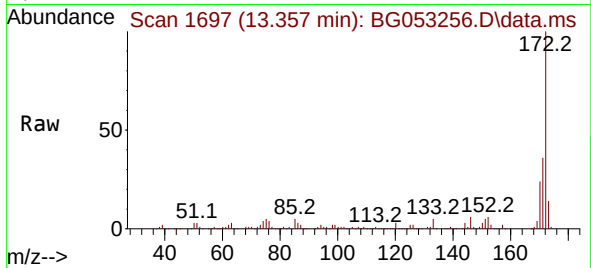




#45
2-Fluorobiphenyl
Concen: 84.755 ng
RT: 13.357 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

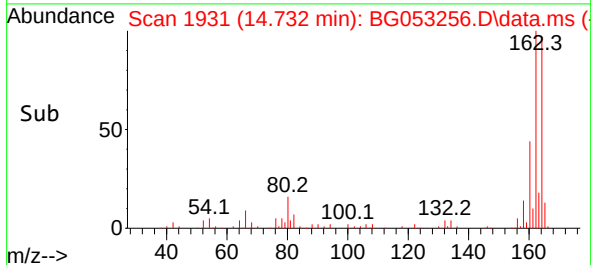
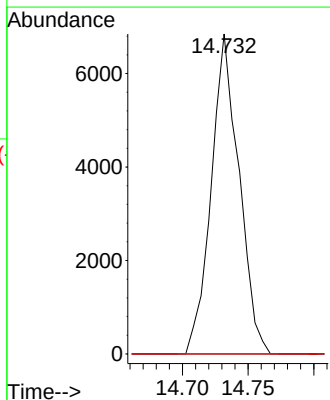
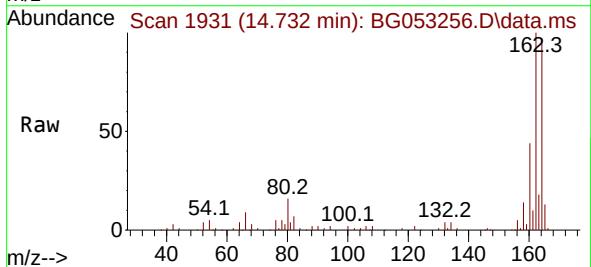
Instrument :
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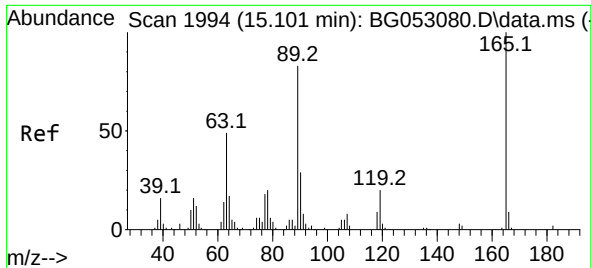
Tgt Ion:172 Resp: 484225
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.674 ng
RT: 14.732 min Scan# 1931
Delta R.T. 0.427 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion:165 Resp: 10088
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

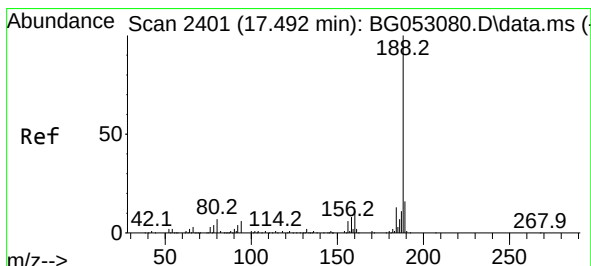
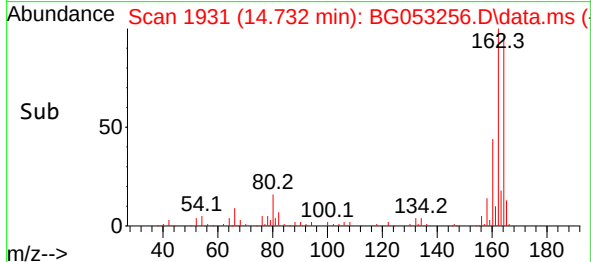
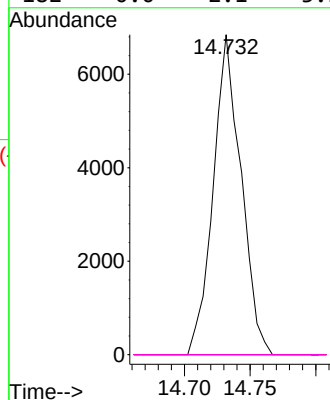
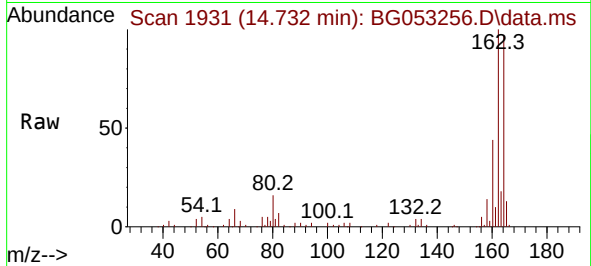




#57
2,4-Dinitrotoluene
Concen: 5.390 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.361 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

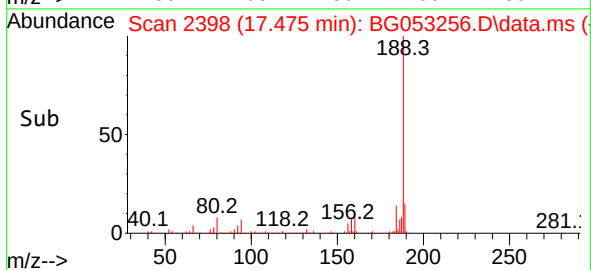
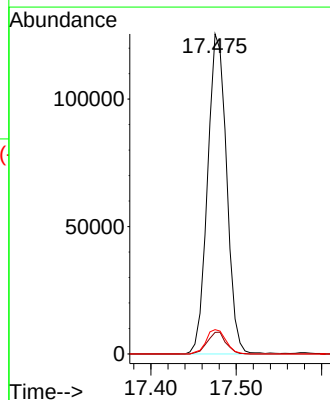
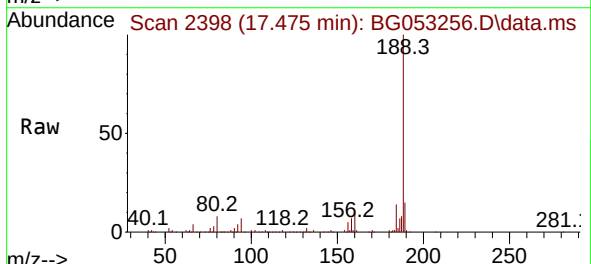
Instrument :
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ClientSampleId :
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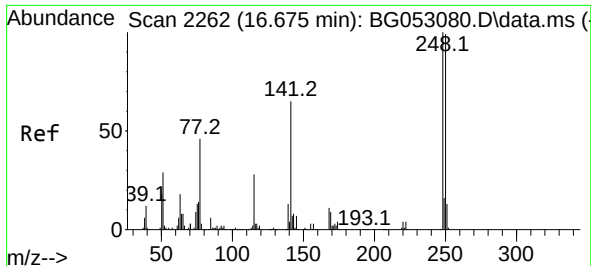
Tgt Ion:165 Resp: 10088
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion:188 Resp: 195259
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.6 7.2 10.8

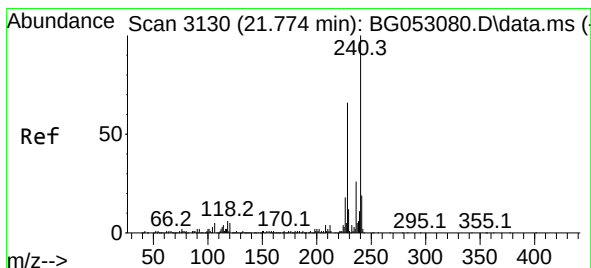
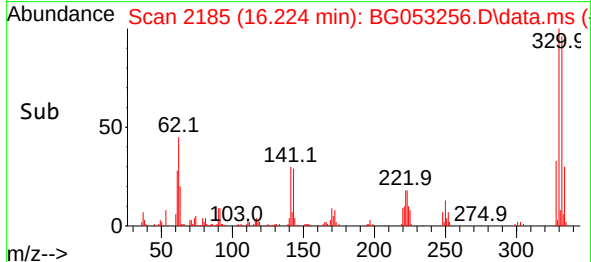
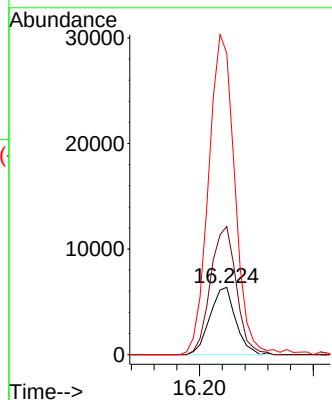
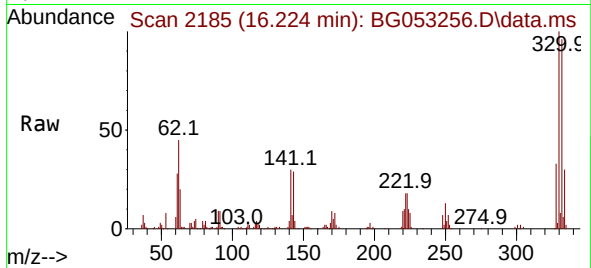




#67
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.437 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

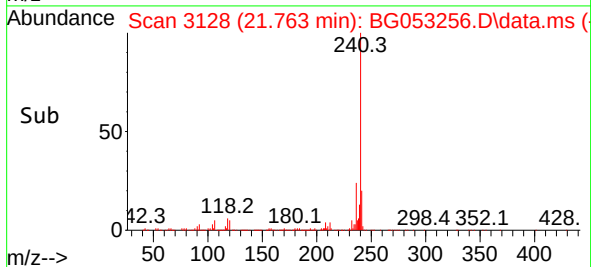
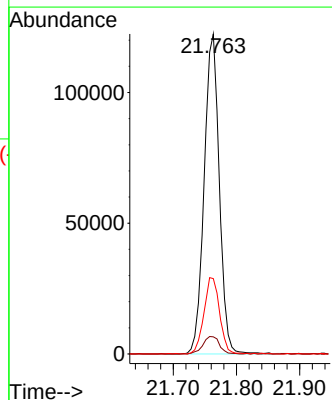
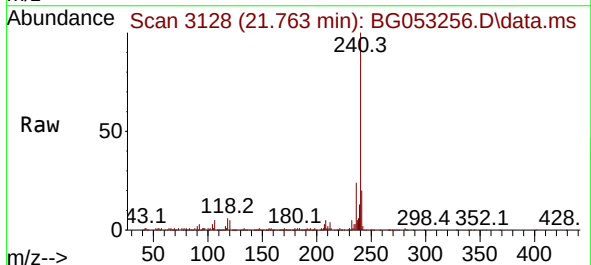
Instrument :
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PB144263BL

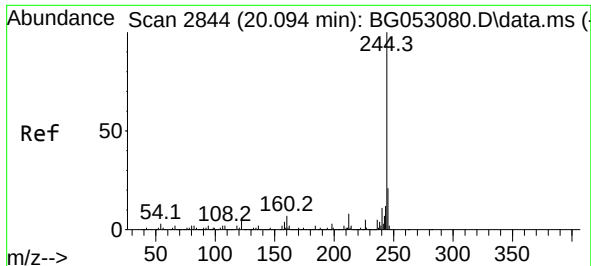
Tgt Ion:248 Resp: 10025
Ion Ratio Lower Upper
248 100
250 190.3 77.9 116.9#
141 447.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.002 min
Lab File: BG053256.D
Acq: 22 Apr 2022 11:45

Tgt Ion:240 Resp: 203694
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 23.5 19.8 29.6

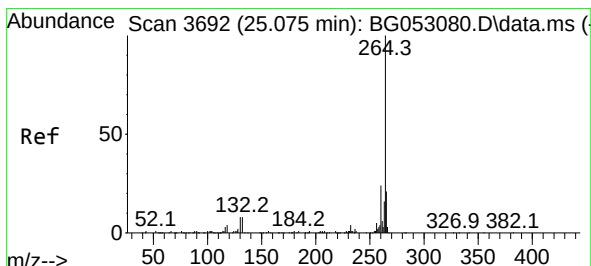
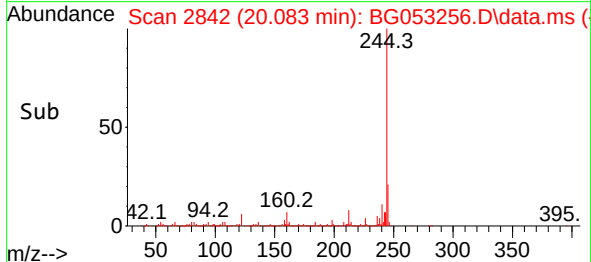
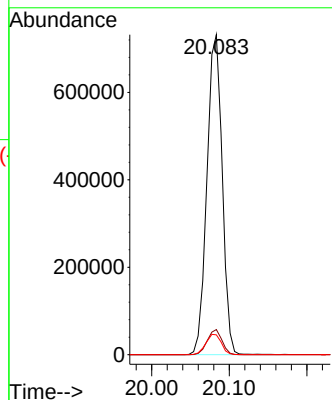
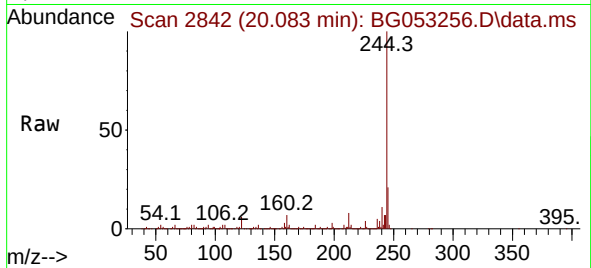




#79
 Terphenyl-d14
 Concen: 82.824 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053256.D
 Acq: 22 Apr 2022 11:45

Instrument :
 BNA_G
 ClientSampleId :
 PB144263BL

Tgt Ion:244 Resp: 998922
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.059 min Scan# 3689
 Delta R.T. -0.002 min
 Lab File: BG053256.D
 Acq: 22 Apr 2022 11:45

Tgt Ion:264 Resp: 196536
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 21.4 15.1 22.7

