

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054342.D
 Acq On : 21 Jul 2022 12:38
 Operator : CG/JU
 Sample : PB146329BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146329BL

Quant Time: Jul 22 02:36:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

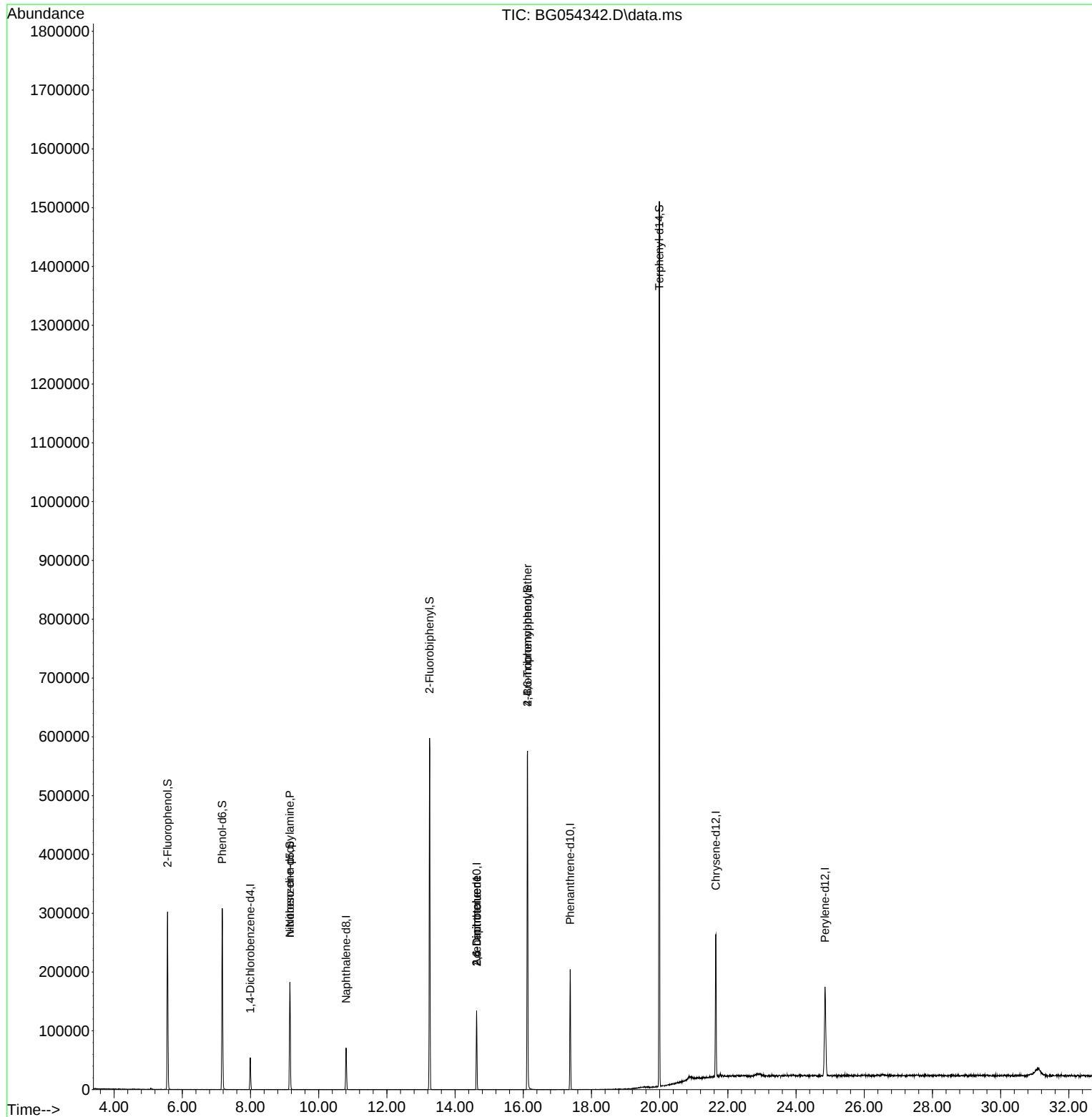
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	17142	20.000	ng	0.00
21) Naphthalene-d8	10.802	136	67719	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	51579	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	144517	20.000	ng	# 0.00
76) Chrysene-d12	21.648	240	173876	20.000	ng	# 0.00
86) Perylene-d12	24.850	264	182162	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	133817	162.988	ng	0.00
7) Phenol-d6	7.171	99	173354	154.092	ng	0.00
23) Nitrobenzene-d5	9.157	82	114472	92.054	ng	0.00
42) 2,4,6-Tribromophenol	16.125	330	160633	148.327	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	344035	94.094	ng	0.00
79) Terphenyl-d14	19.991	244	851397	97.138	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.165	77	200	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.157	70	16008	21.308	ng	# 87
51) 2,6-Dinitrotoluene	14.633	165	7110	8.046	ng	# 16
57) 2,4-Dinitrotoluene	14.633	165	7110	5.612	ng	# 21
67) 4-Bromophenyl-phenylether	16.125	248	9223	4.544	ng	# 1

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

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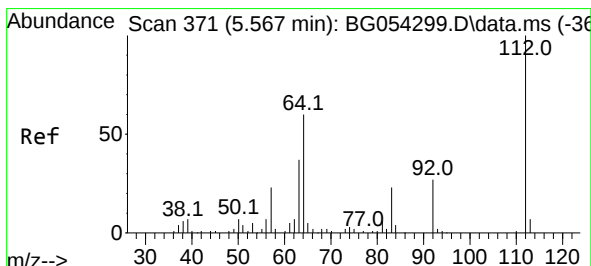
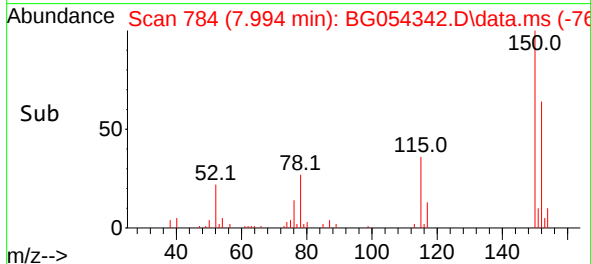
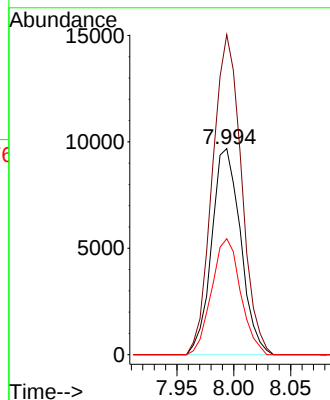
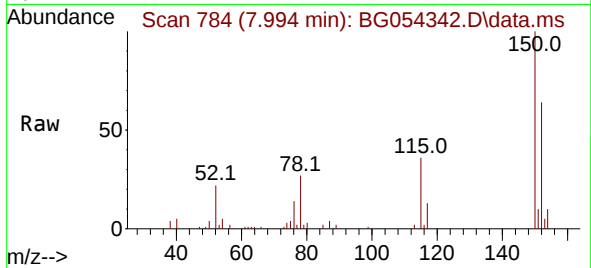




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.994 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: BG054342.D
 Acq: 21 Jul 2022 12:38

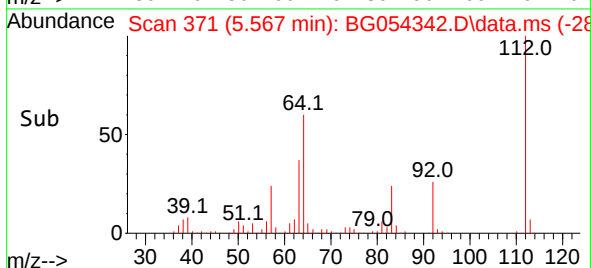
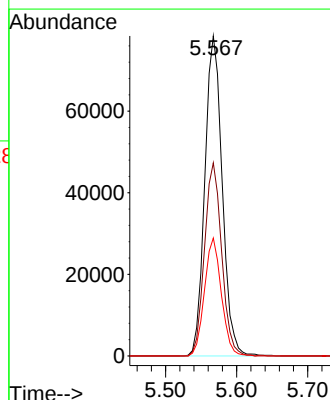
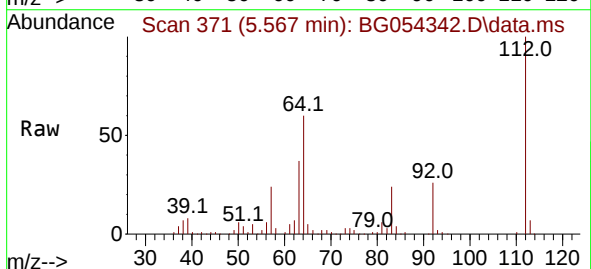
Instrument :
 BNA_G
 ClientSampleId :
 PB146329BL

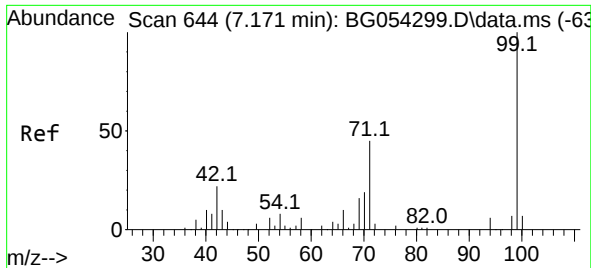
Tgt Ion:152 Resp: 17142
 Ion Ratio Lower Upper
 152 100
 150 155.3 131.6 197.4
 115 56.3 50.9 76.3



#5
 2-Fluorophenol
 Concen: 162.988 ng
 RT: 5.567 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: BG054342.D
 Acq: 21 Jul 2022 12:38

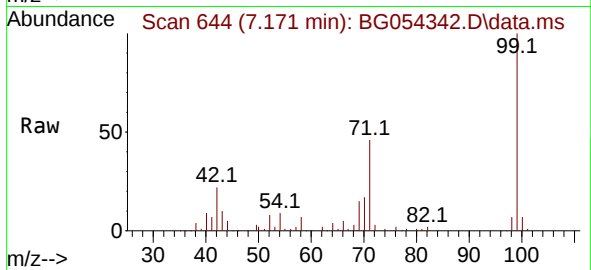
Tgt Ion:112 Resp: 133817
 Ion Ratio Lower Upper
 112 100
 64 60.3 55.1 82.7
 63 36.8 30.4 45.6



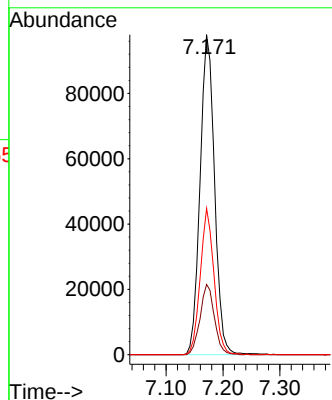
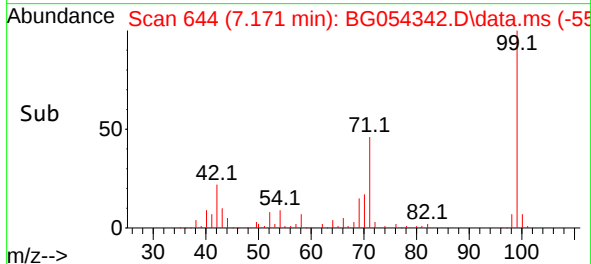


#7
Phenol-d6
Concen: 154.092 ng
RT: 7.171 min Scan# 64
Delta R.T. -0.000 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

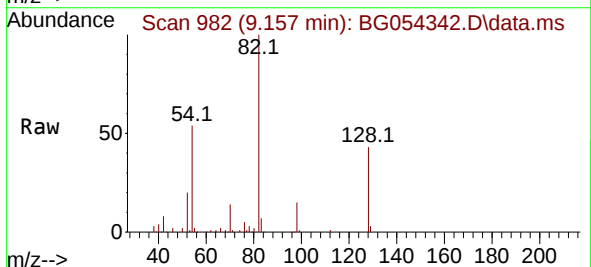
Instrument :
BNA_G
ClientSampleId :
PB146329BL



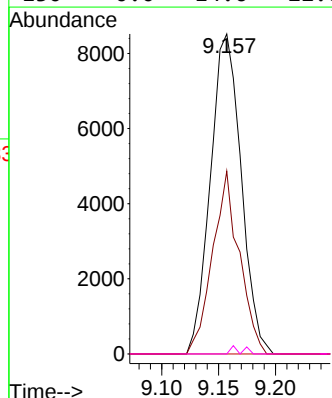
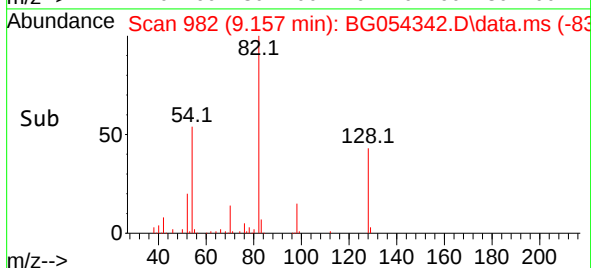
Tgt Ion: 99 Resp: 173354
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 45.7 33.8 50.8

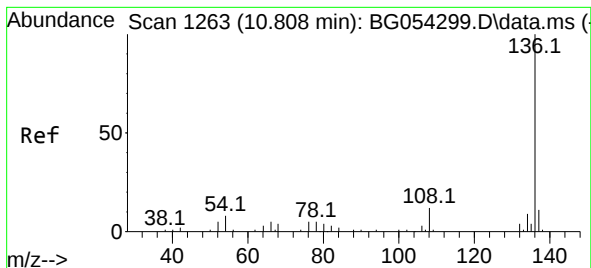


#19
n-Nitroso-di-n-propylamine
Concen: 21.308 ng
RT: 9.157 min Scan# 982
Delta R.T. 0.352 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38



Tgt Ion: 70 Resp: 16008
Ion Ratio Lower Upper
70 100
42 57.1 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.802 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG054342.D

Acq: 21 Jul 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB146329BL

Tgt Ion:136 Resp: 67719

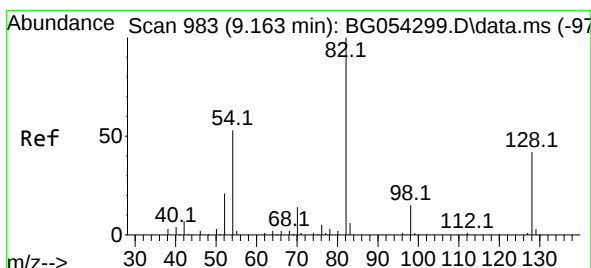
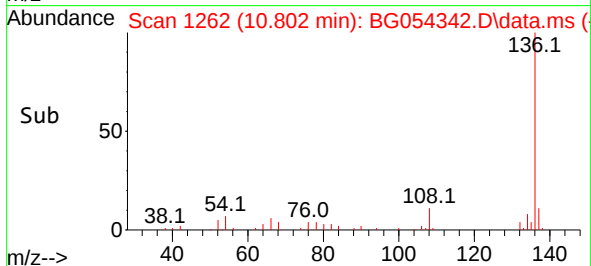
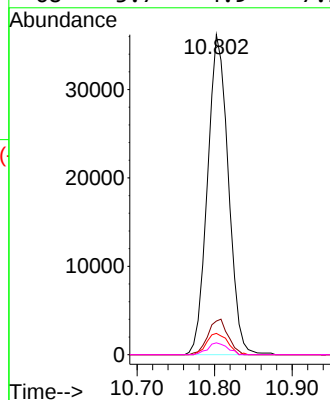
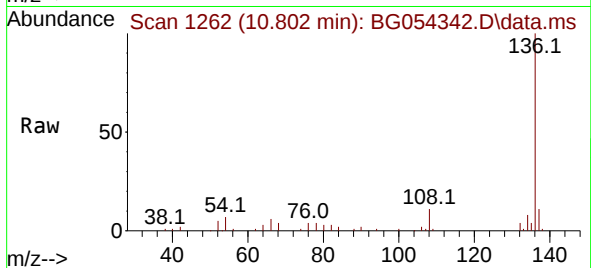
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 7.4 11.2#

68 3.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 92.054 ng

RT: 9.157 min Scan# 982

Delta R.T. -0.006 min

Lab File: BG054342.D

Acq: 21 Jul 2022 12:38

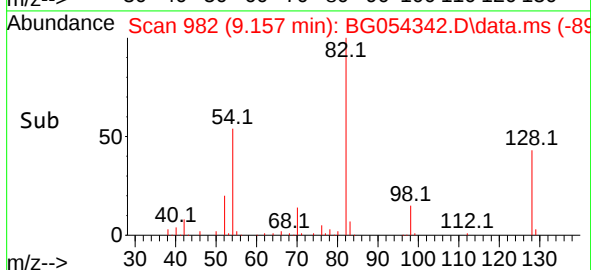
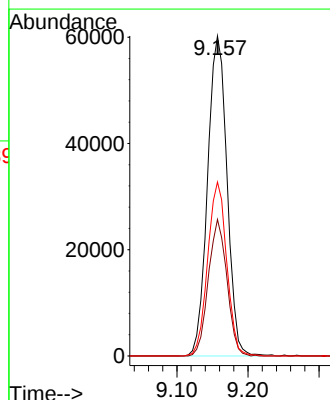
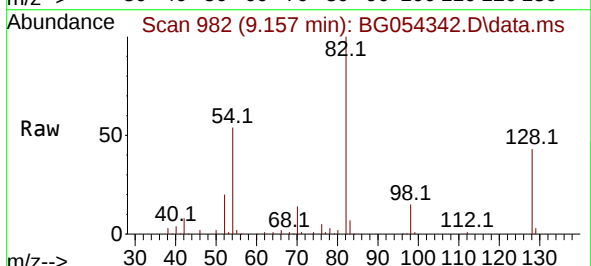
Tgt Ion: 82 Resp: 114472

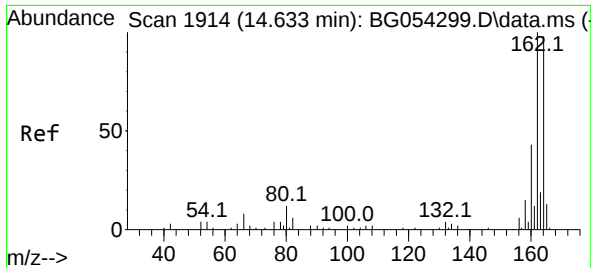
Ion Ratio Lower Upper

82 100

128 42.7 27.9 41.9#

54 54.3 41.2 61.8

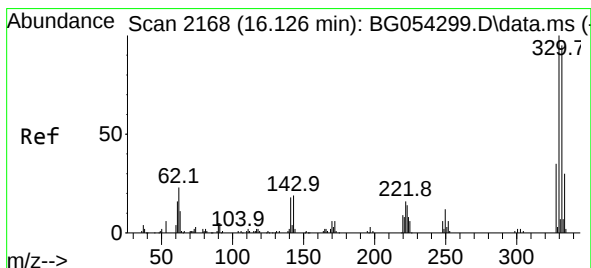
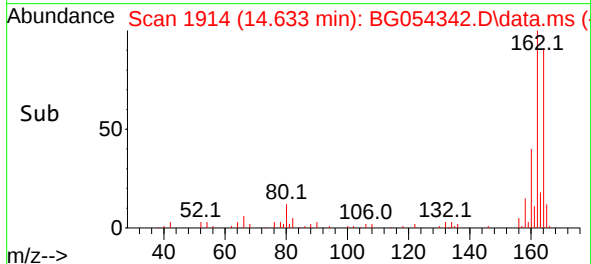
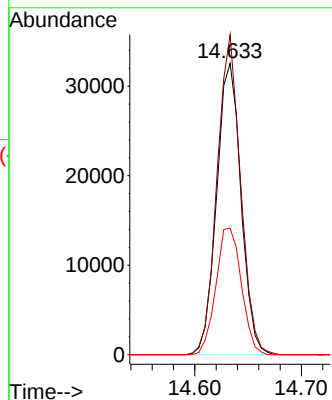
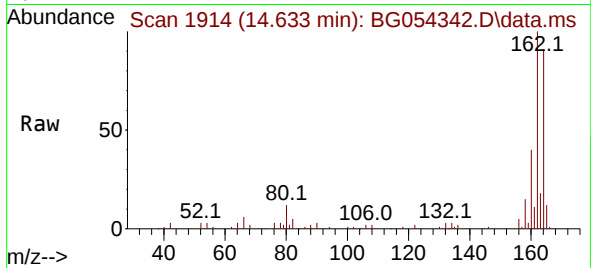




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

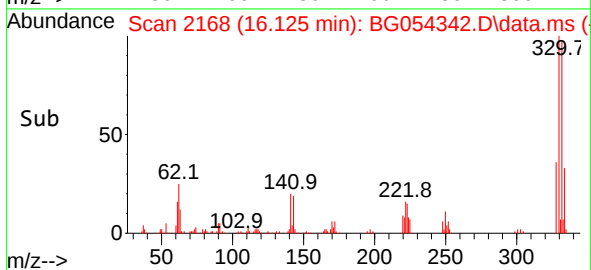
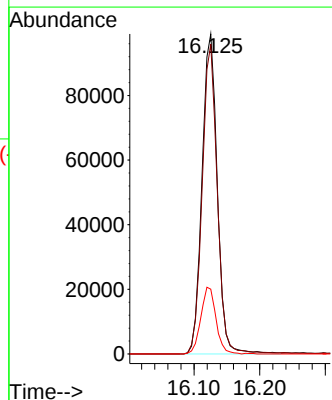
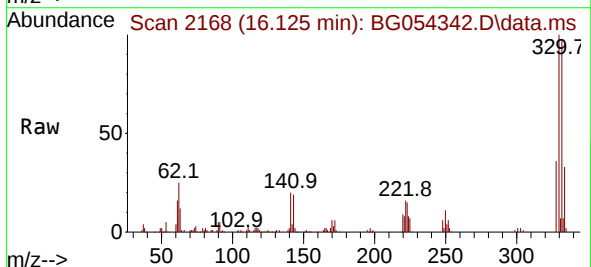
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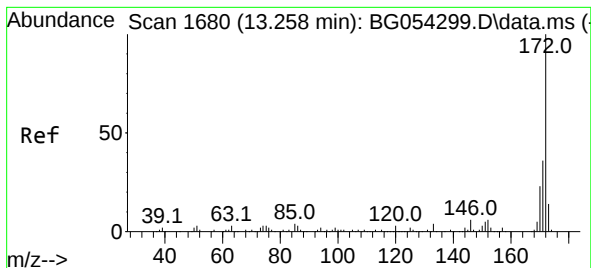
Tgt Ion:164 Resp: 51579
Ion Ratio Lower Upper
164 100
162 109.8 82.3 123.5
160 43.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 148.327 ng
RT: 16.125 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

Tgt Ion:330 Resp: 160633
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 20.7 27.1 40.7#

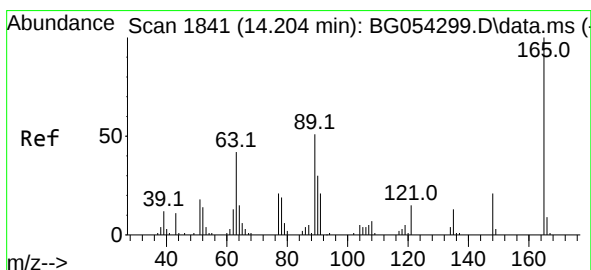
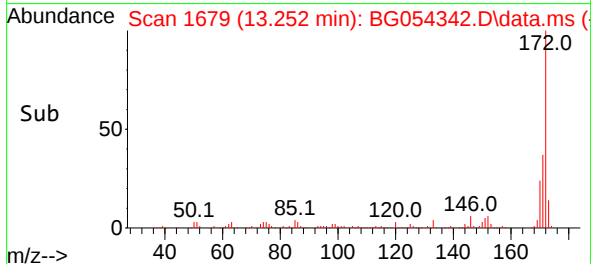
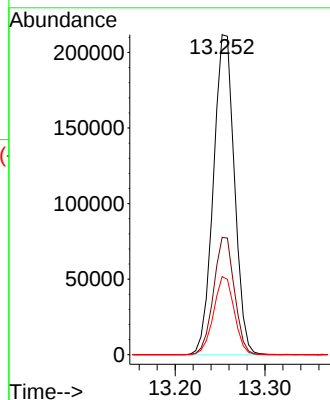
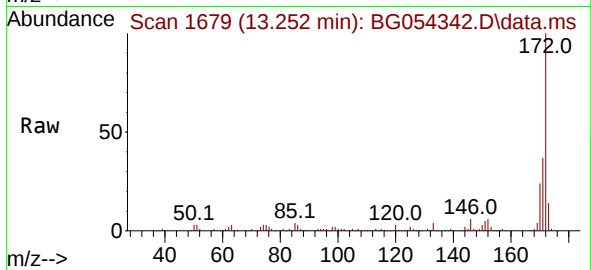




#45
2-Fluorobiphenyl
Concen: 94.094 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

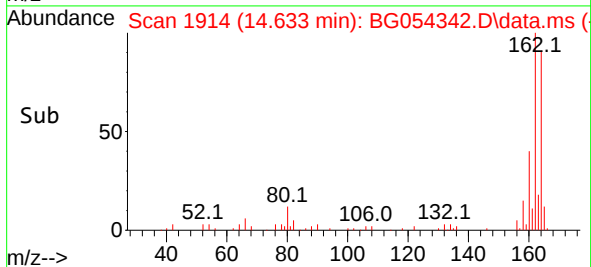
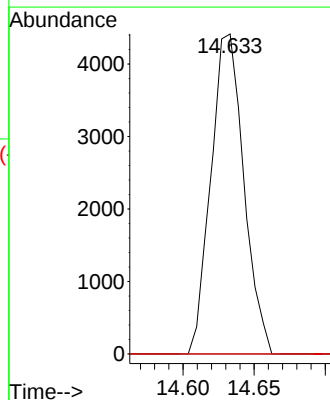
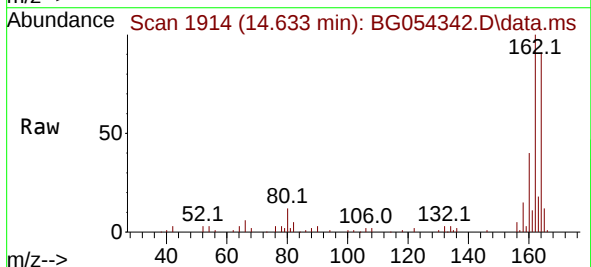
Instrument :
BNA_G
ClientSampleId :
PB146329BL

Tgt Ion:172 Resp: 344035
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

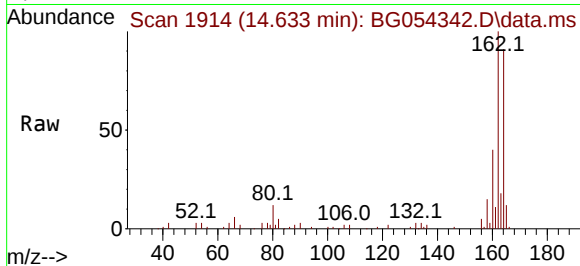
Tgt Ion:165 Resp: 7110
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



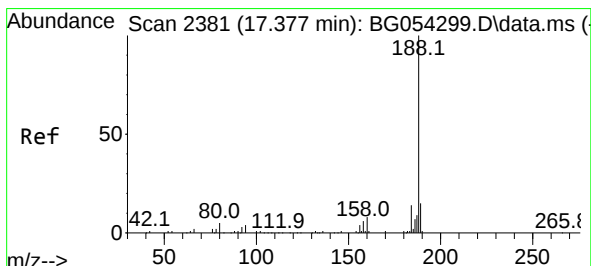
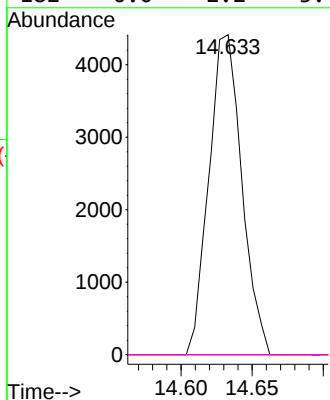
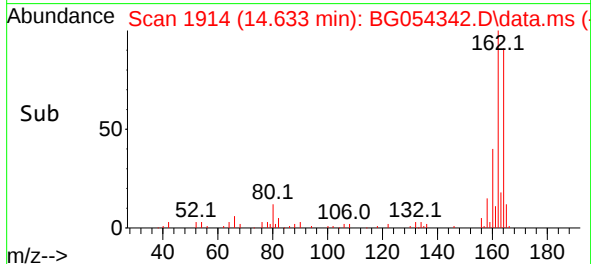


#57
2,4-Dinitrotoluene
Concen: 5.612 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.364 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

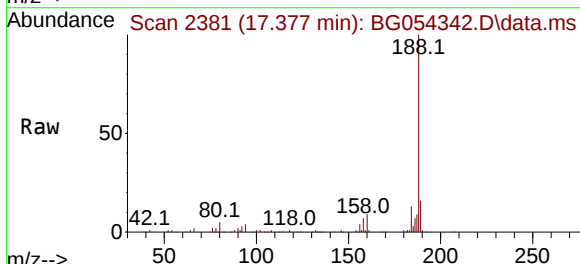
Instrument :
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ClientSampleId :
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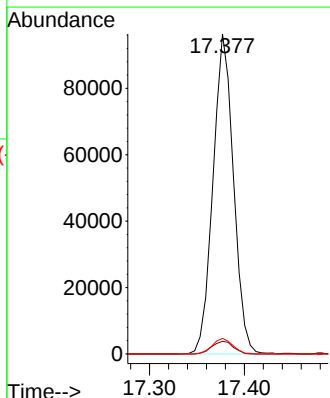
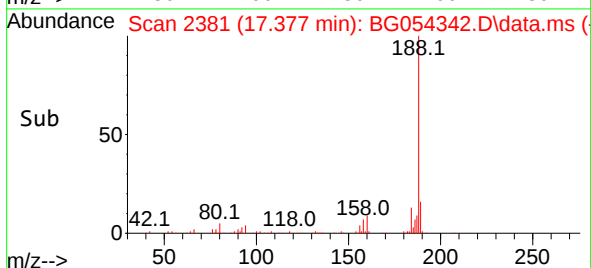
Tgt Ion:165 Resp: 7110
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

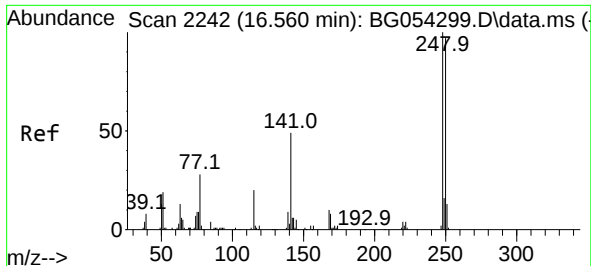


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38



Tgt Ion:188 Resp: 144517
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.9 6.8 10.2#

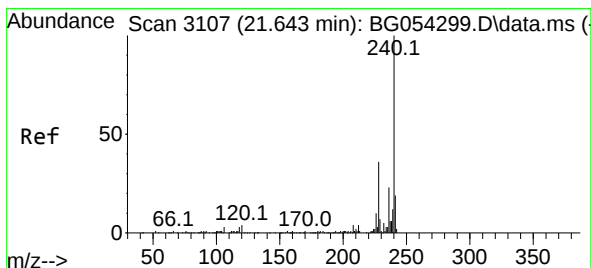
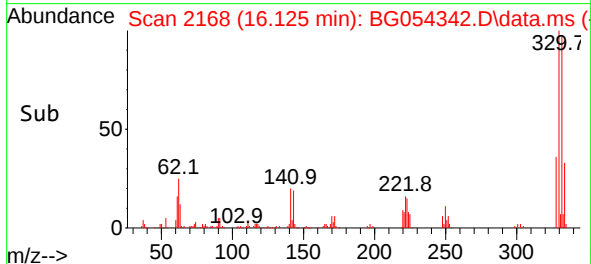
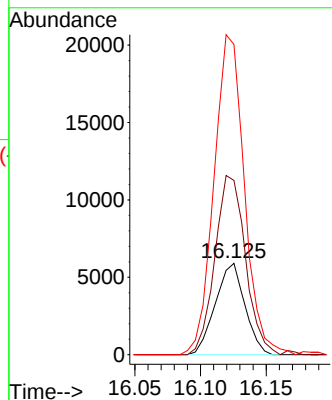
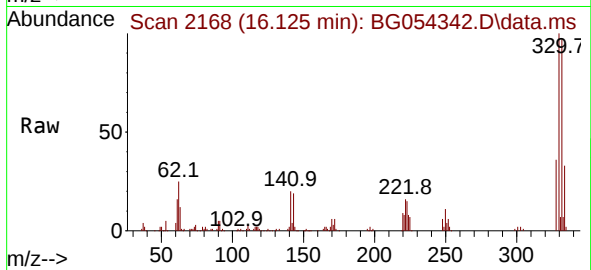




#67
4-Bromophenyl-phenylether
Concen: 4.544 ng
RT: 16.125 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

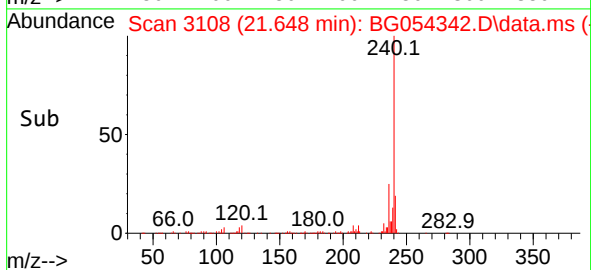
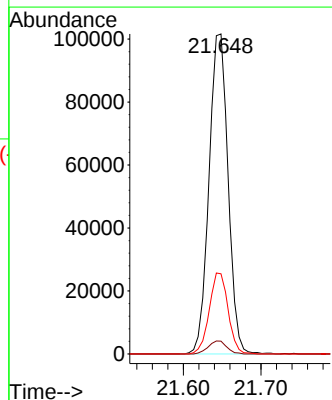
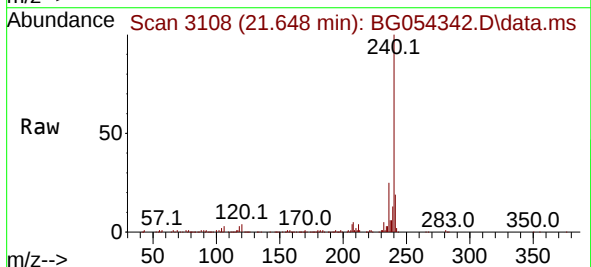
Instrument :
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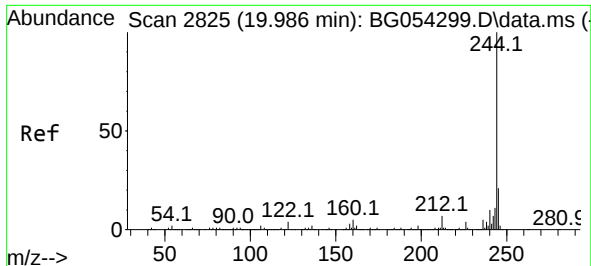
Tgt Ion:248 Resp: 9223
Ion Ratio Lower Upper
248 100
250 190.6 75.2 112.8#
141 339.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3108
Delta R.T. 0.005 min
Lab File: BG054342.D
Acq: 21 Jul 2022 12:38

Tgt Ion:240 Resp: 173876
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 25.0 20.2 30.4

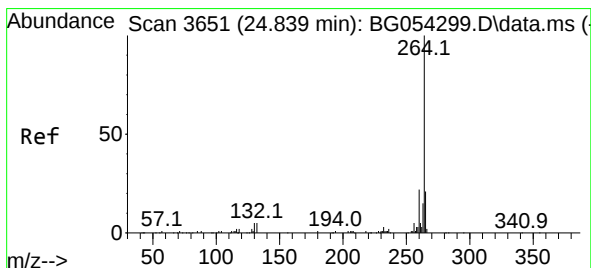
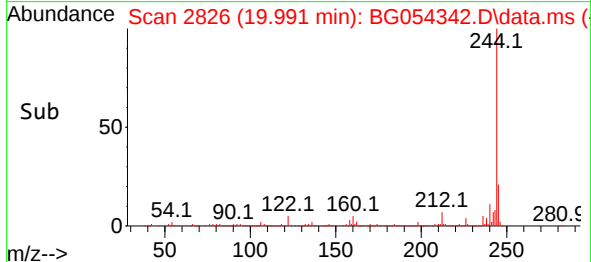
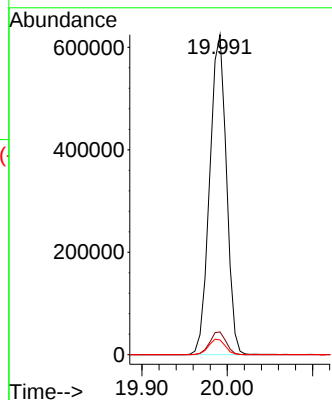
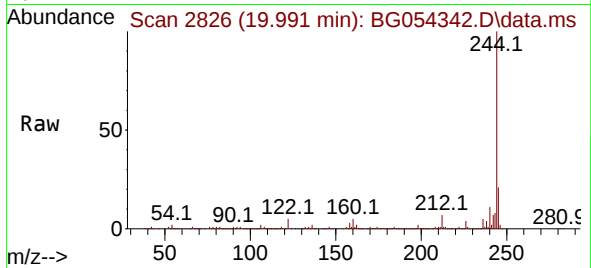




#79
 Terphenyl-d14
 Concen: 97.138 ng
 RT: 19.991 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054342.D
 Acq: 21 Jul 2022 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB146329BL

Tgt Ion:244 Resp: 851397
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.850 min Scan# 3653
 Delta R.T. 0.012 min
 Lab File: BG054342.D
 Acq: 21 Jul 2022 12:38

Tgt Ion:264 Resp: 182162
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.3 17.4 26.2

