

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054632.D
 Acq On : 14 Aug 2022 14:29
 Operator : CG/JU
 Sample : PB146851BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146851BL

Quant Time: Aug 15 04:18:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

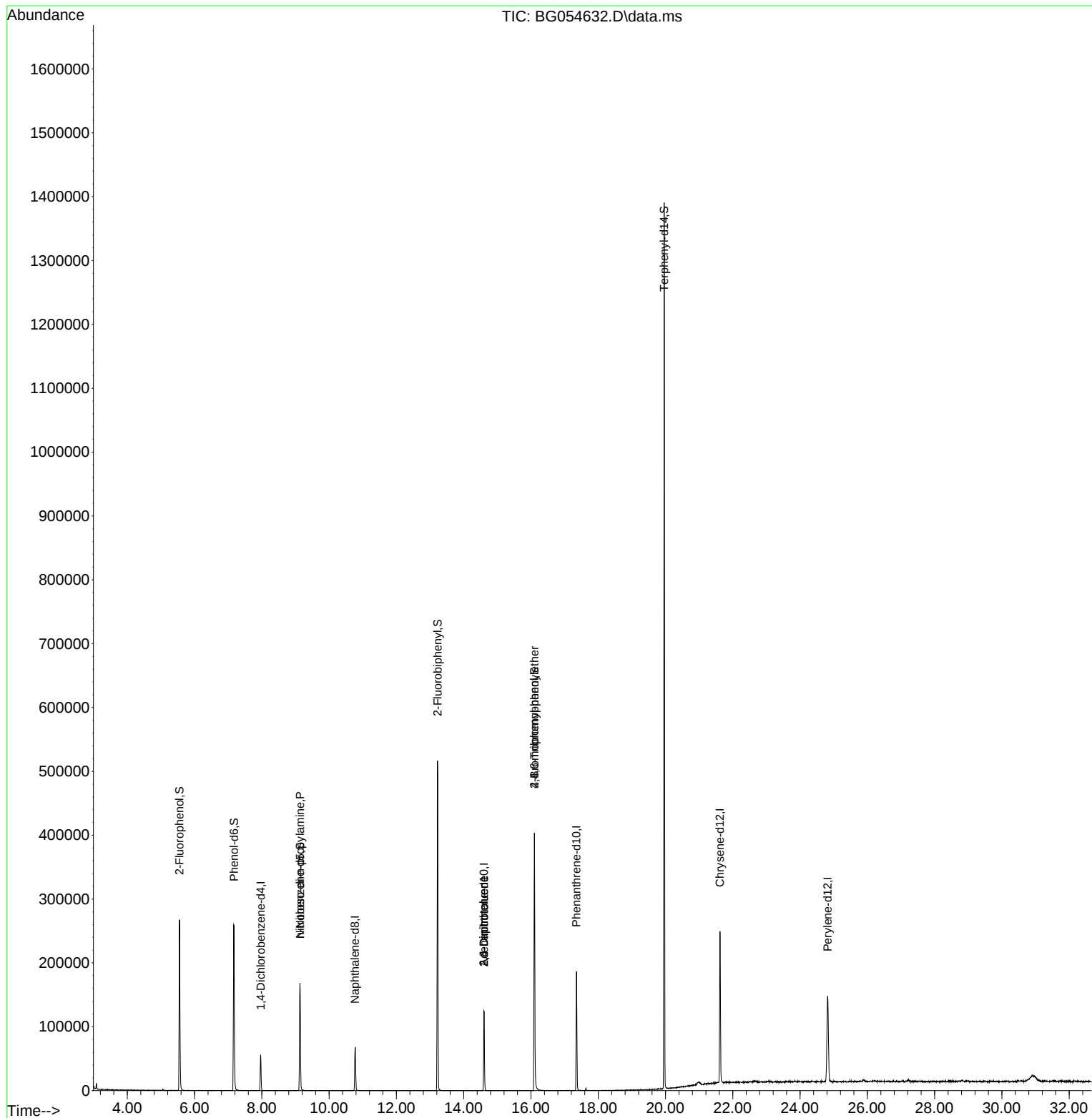
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	17771	20.000	ng	0.00
21) Naphthalene-d8	10.772	136	67590	20.000	ng	# 0.00
39) Acenaphthene-d10	14.603	164	51621	20.000	ng	0.00
64) Phenanthrene-d10	17.353	188	140508	20.000	ng	# 0.00
76) Chrysene-d12	21.618	240	180413	20.000	ng	#-0.01
86) Perylene-d12	24.820	264	179038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	121528	142.781	ng	0.00
7) Phenol-d6	7.170	99	155615	133.428	ng	0.00
23) Nitrobenzene-d5	9.133	82	104683	84.343	ng	0.00
42) 2,4,6-Tribromophenol	16.101	330	115422	106.493	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	302807	82.751	ng	0.00
79) Terphenyl-d14	19.961	244	770524	84.726	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.170	77	134	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.133	70	14507	18.627	ng	# 82
51) 2,6-Dinitrotoluene	14.603	165	6958	7.867	ng	# 16
57) 2,4-Dinitrotoluene	14.603	165	6958	5.488	ng	# 21
67) 4-Bromophenyl-phenylether	16.101	248	6908	3.501	ng	# 1

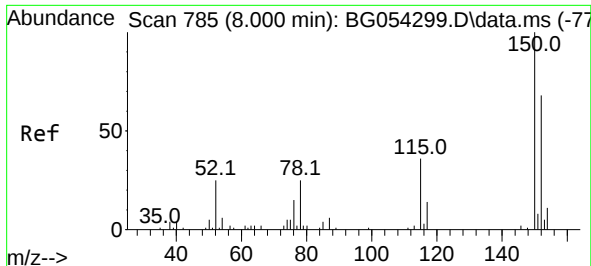
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
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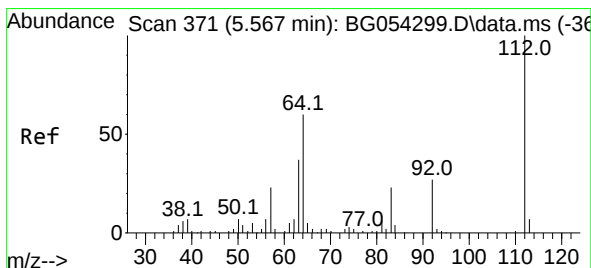
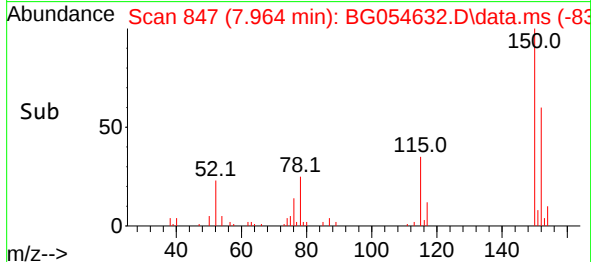
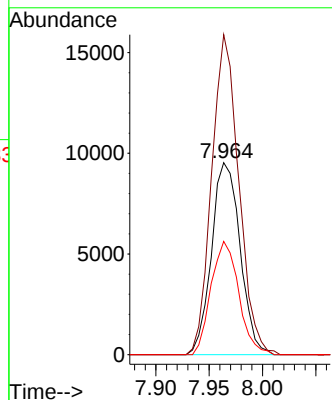
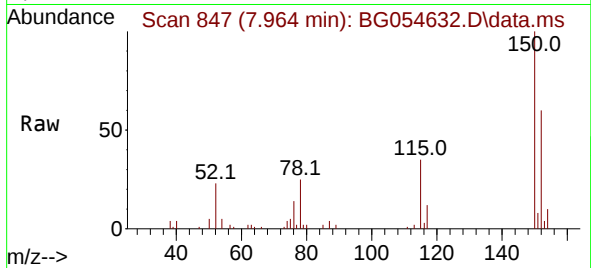




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

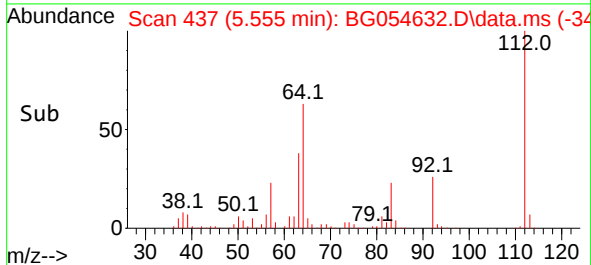
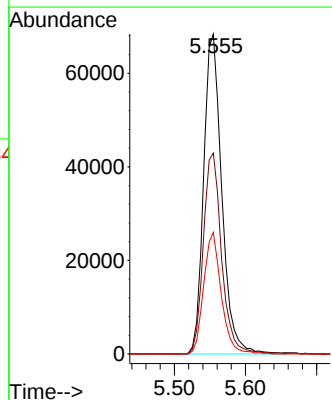
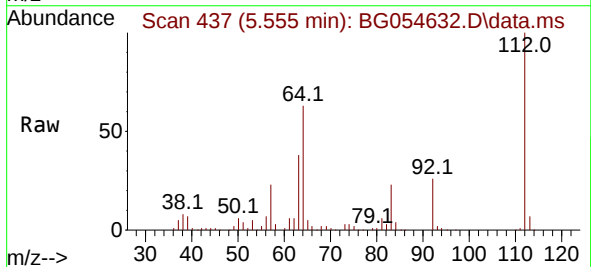
Instrument :
BNA_G
ClientSampleId :
PB146851BL

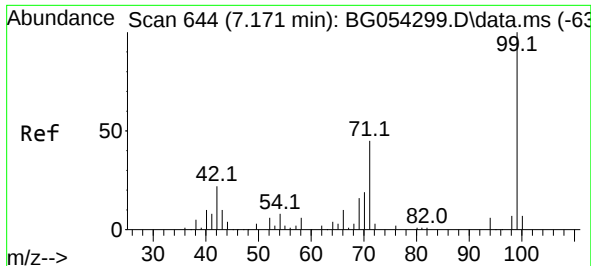
Tgt Ion:152 Resp: 17771
Ion Ratio Lower Upper
152 100
150 166.6 131.6 197.4
115 59.0 50.9 76.3



#5
2-Fluorophenol
Concen: 142.781 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

Tgt Ion:112 Resp: 121528
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 38.0 30.4 45.6

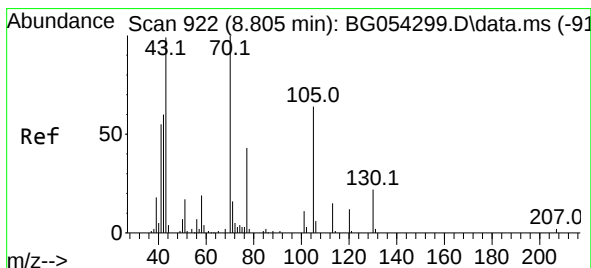
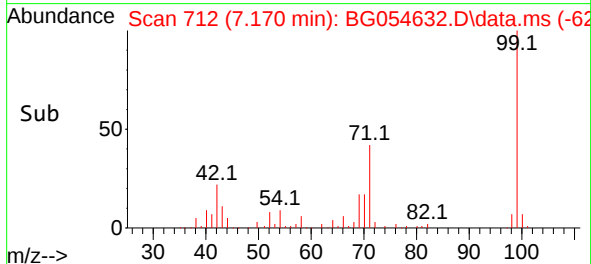
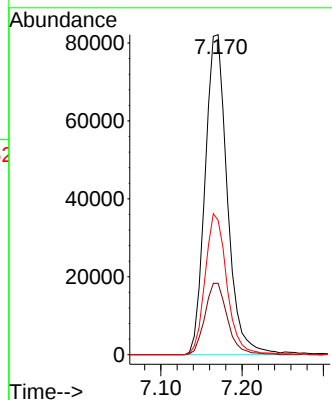
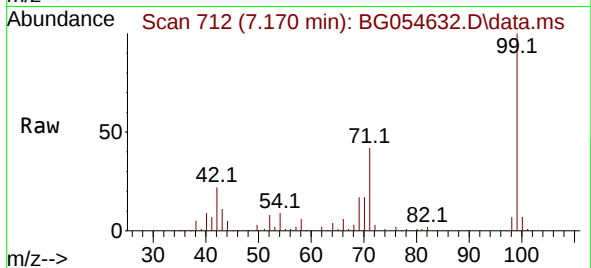




#7
Phenol-d6
Concen: 133.428 ng
RT: 7.170 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

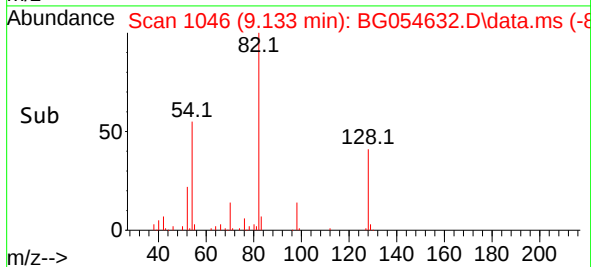
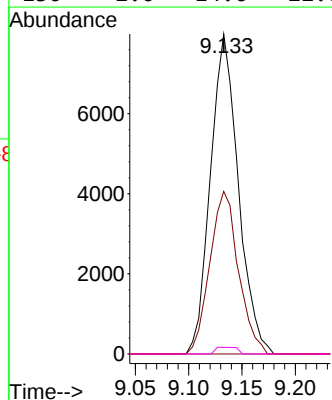
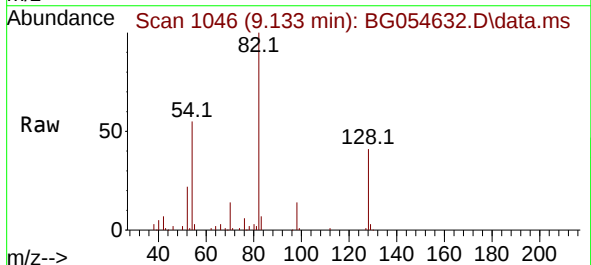
Instrument :
BNA_G
ClientSampleId :
PB146851BL

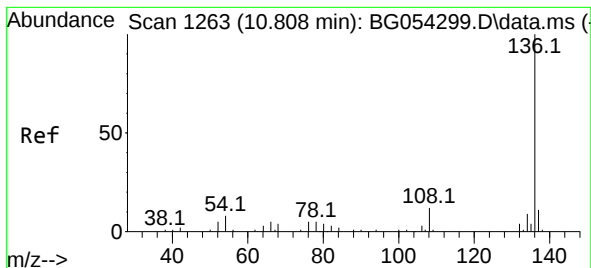
Tgt Ion: 99 Resp: 155615
Ion Ratio Lower Upper
99 100
42 22.3 17.0 25.6
71 42.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.627 ng
RT: 9.133 min Scan# 1046
Delta R.T. 0.354 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

Tgt Ion: 70 Resp: 14507
Ion Ratio Lower Upper
70 100
42 50.8 47.3 70.9
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.772 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG054632.D

Acq: 14 Aug 2022 14:29

Instrument :

BNA_G

ClientSampleId :

PB146851BL

Tgt Ion:136 Resp: 67590

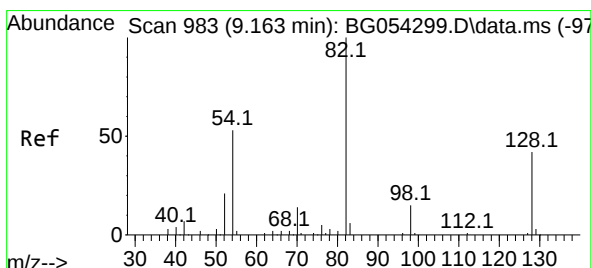
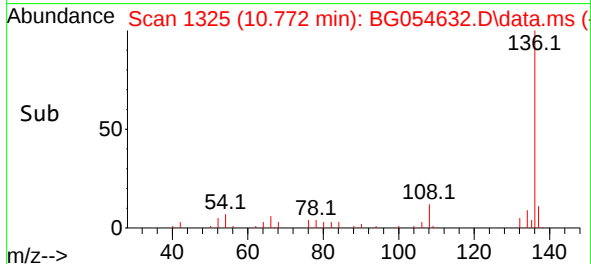
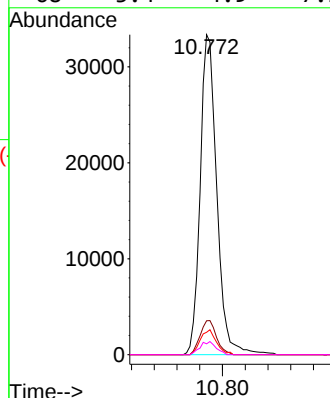
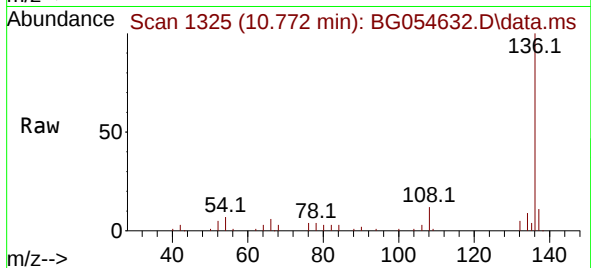
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 7.4 11.2#

68 3.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 84.343 ng

RT: 9.133 min Scan# 1046

Delta R.T. -0.004 min

Lab File: BG054632.D

Acq: 14 Aug 2022 14:29

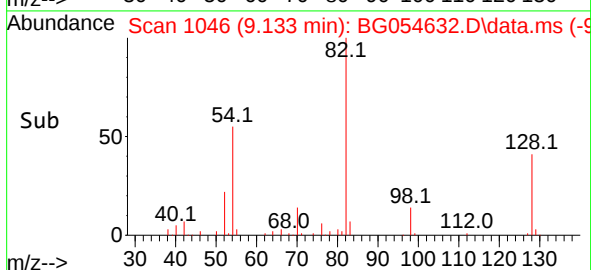
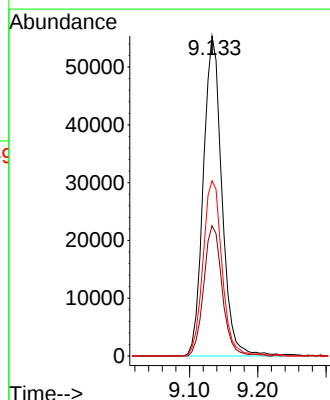
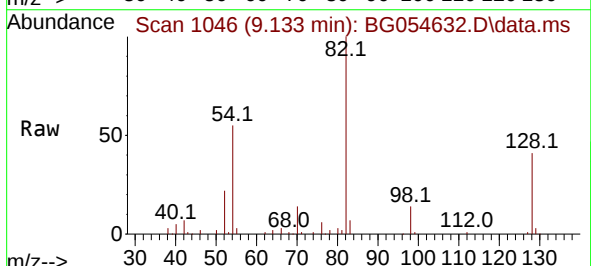
Tgt Ion: 82 Resp: 104683

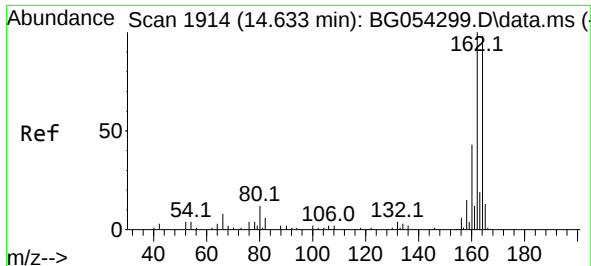
Ion Ratio Lower Upper

82 100

128 40.7 27.9 41.9

54 54.8 41.2 61.8

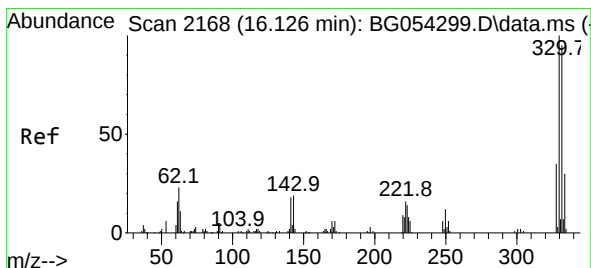
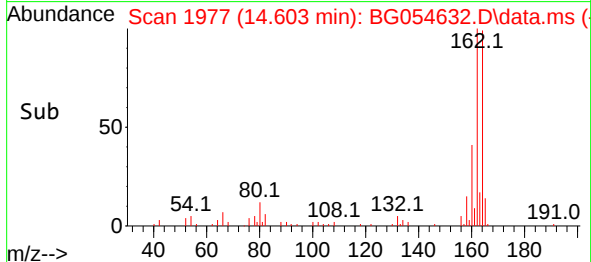
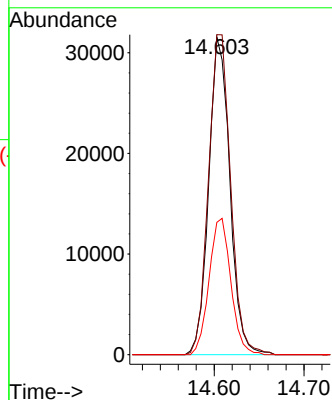
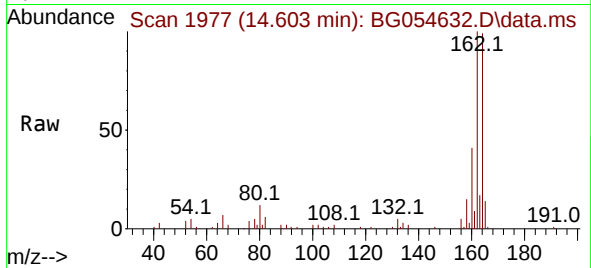




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.603 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

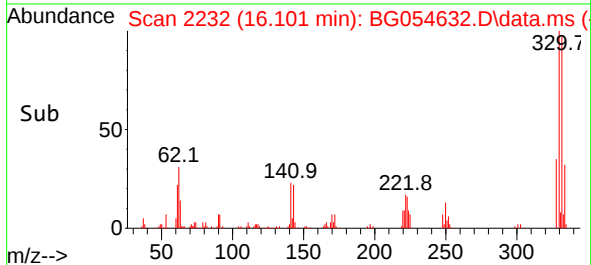
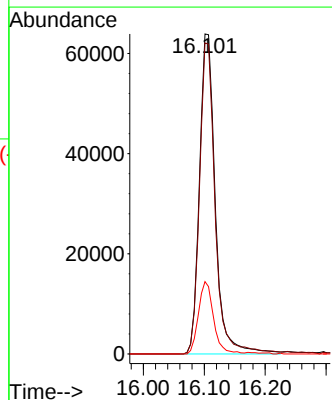
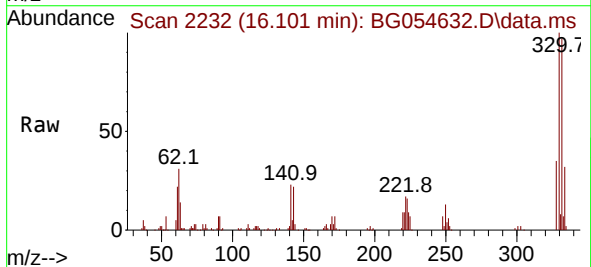
Instrument :
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ClientSampleId :
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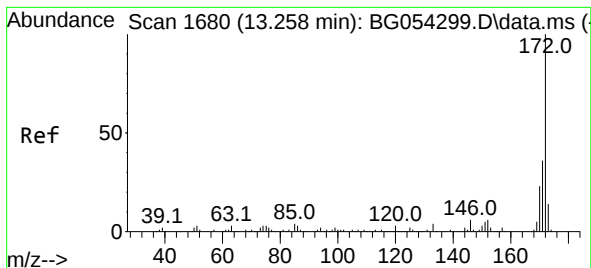
Tgt Ion:164 Resp: 51621
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 41.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 106.493 ng
RT: 16.101 min Scan# 2232
Delta R.T. -0.010 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

Tgt Ion:330 Resp: 115422
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 21.5 27.1 40.7#

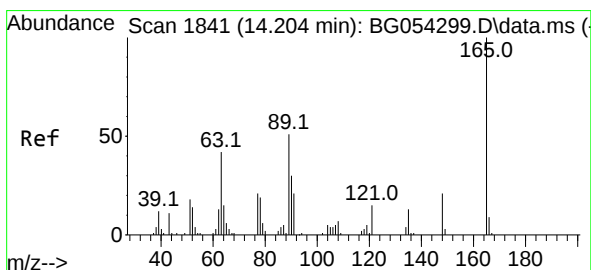
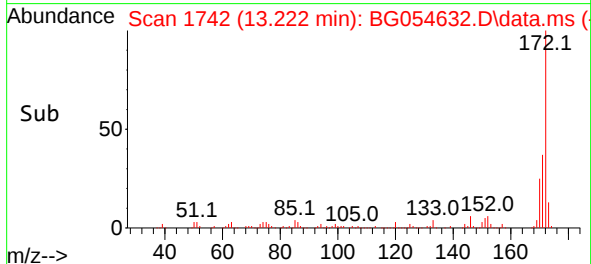
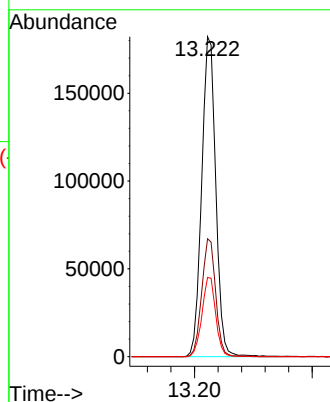
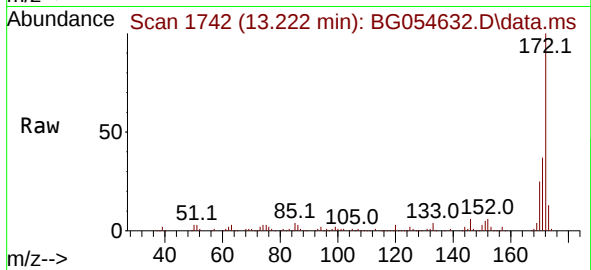




#45
2-Fluorobiphenyl
Concen: 82.751 ng
RT: 13.222 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

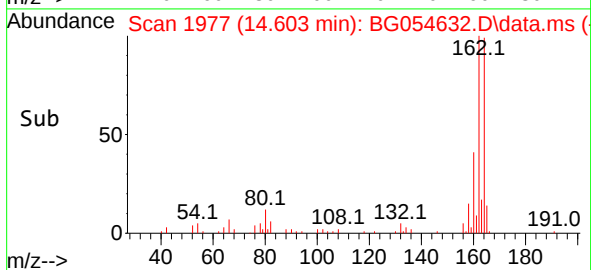
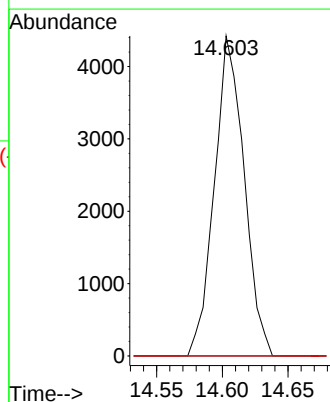
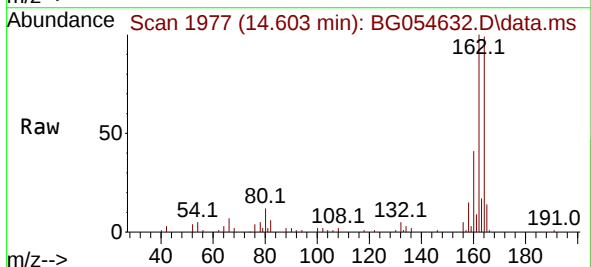
Instrument :
BNA_G
ClientSampleId :
PB146851BL

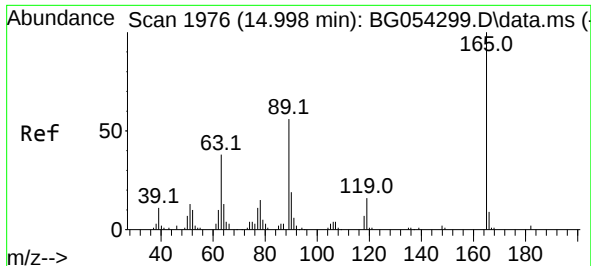
Tgt Ion:172 Resp: 302807
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.867 ng
RT: 14.603 min Scan# 1977
Delta R.T. 0.413 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

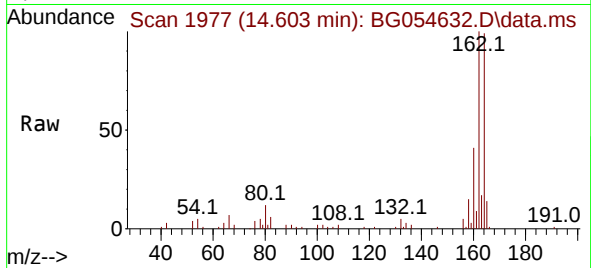
Tgt Ion:165 Resp: 6958
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



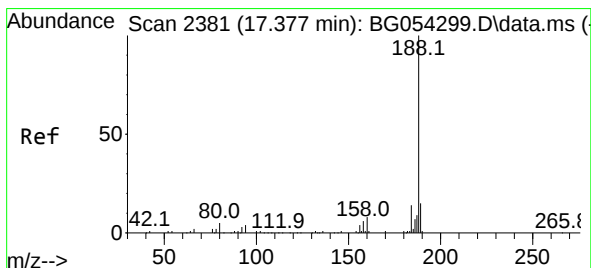
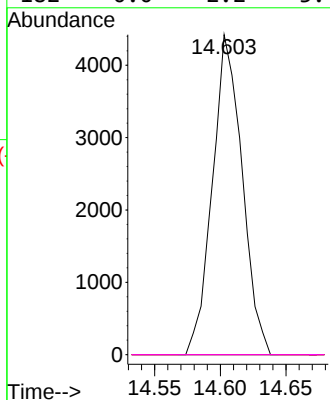
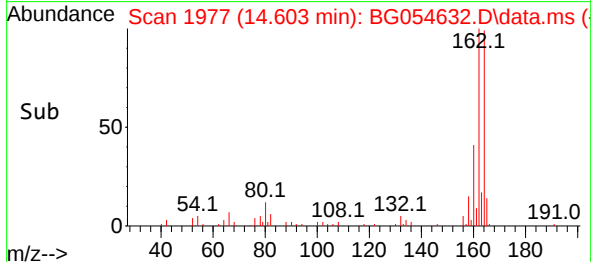


#57
2,4-Dinitrotoluene
Concen: 5.488 ng
RT: 14.603 min Scan# 14
Delta R.T. -0.392 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

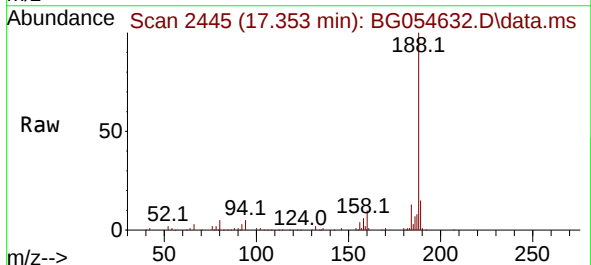
Instrument :
BNA_G
ClientSampleId :
PB146851BL



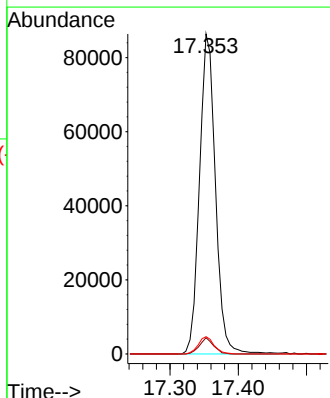
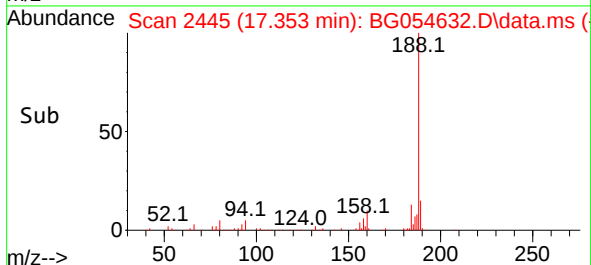
Tgt Ion:165 Resp: 6958
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

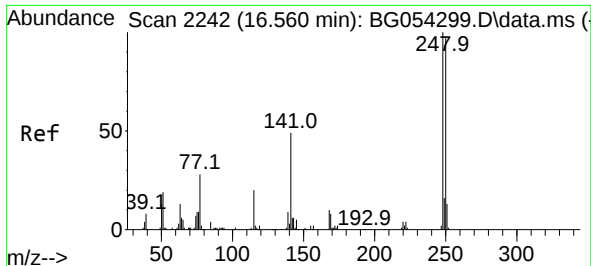


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29



Tgt Ion:188 Resp: 140508
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 5.4 6.8 10.2#

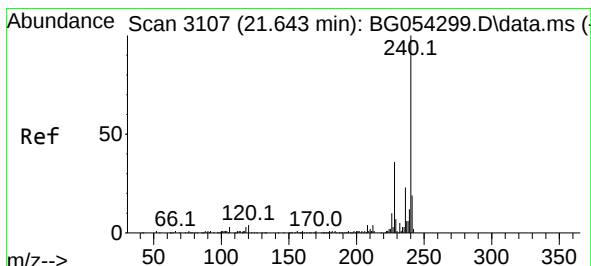
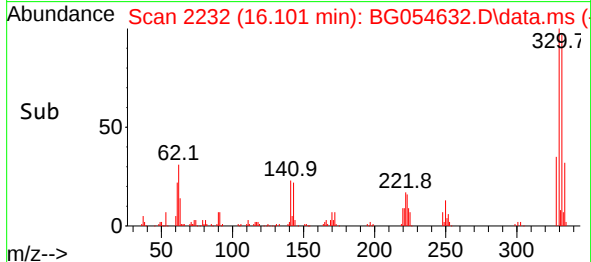
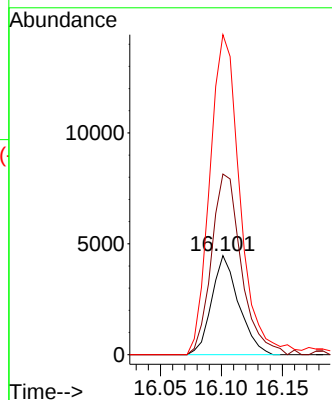
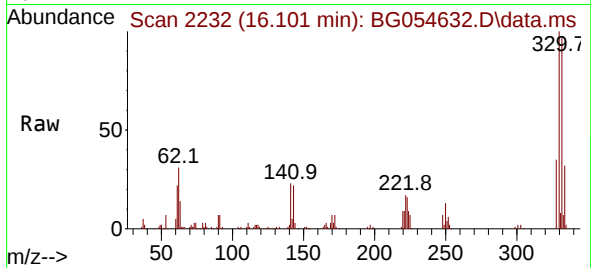




#67
4-Bromophenyl-phenylether
Concen: 3.501 ng
RT: 16.101 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

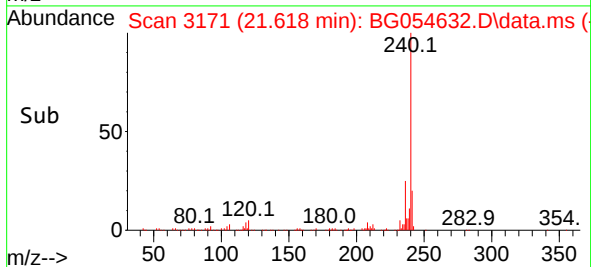
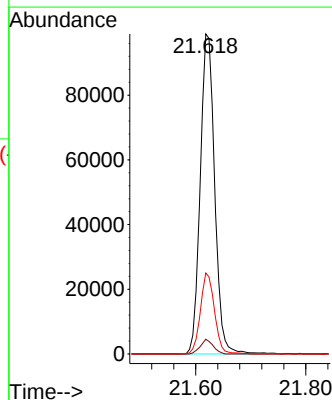
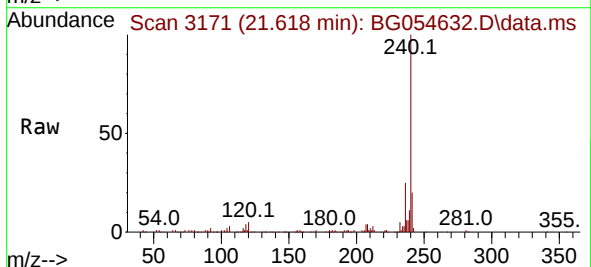
Instrument :
BNA_G
ClientSampleId :
PB146851BL

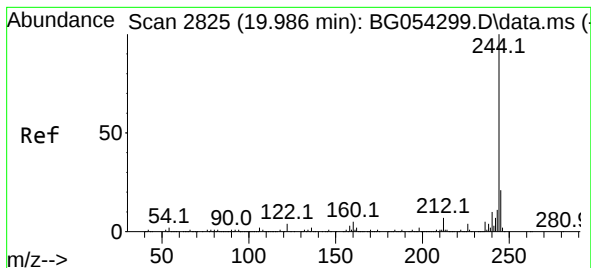
Tgt Ion:248 Resp: 6908
Ion Ratio Lower Upper
248 100
250 182.4 75.2 112.8#
141 323.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG054632.D
Acq: 14 Aug 2022 14:29

Tgt Ion:240 Resp: 180413
Ion Ratio Lower Upper
240 100
120 4.6 4.6 7.0#
236 25.3 20.2 30.4





#79

Terphenyl-d14

Concen: 84.726 ng

RT: 19.961 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054632.D

Acq: 14 Aug 2022 14:29

Instrument :

BNA_G

ClientSampleId :

PB146851BL

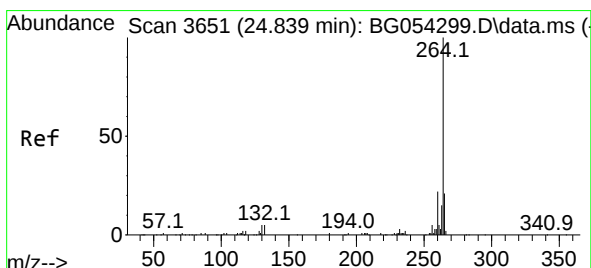
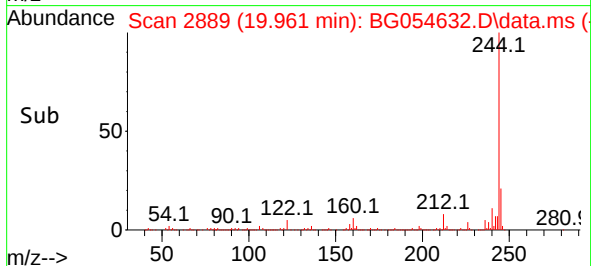
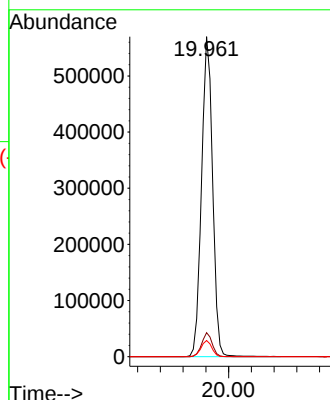
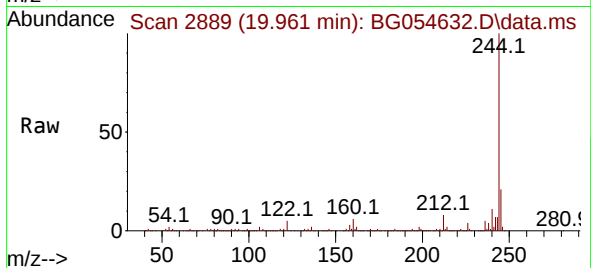
Tgt Ion:244 Resp: 770524

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 5.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.820 min Scan# 3716

Delta R.T. -0.004 min

Lab File: BG054632.D

Acq: 14 Aug 2022 14:29

Tgt Ion:264 Resp: 179038

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.2 17.4 26.2

